



INTEGRATED BUSINESS ESTABLISHMENT SURVEY PHASE II

COMPREHENSIVE SECTORAL REPORT



Ministry of Trade &
Industry (MoTI)



Government of the
Netherlands

June, 2018

PREFACE AND ACKNOWLEDGEMENT

The Integrated Business Establishment Survey (IBES) is an economic census that covers all the three major sectors of the Ghanaian economy. The IBES is structured in two phases. This second Phase of IBES started upon completion of Phase I when the sampling frame from which establishments were to be selected was ready. While the first phase focused on collecting and collating basic but detailed data on establishment location, employment, and other characteristics, the second phase focused on collecting and producing statistics regarding the operations of non-household businesses in the country. Contrary to the previous establishment censuses conducted in 1962, 1978, 1987 and 2003 which focused only on the industry sector, this was the first non-household economic census covering all sectors. In addition to producing the requisite data relevant for rebasing the country's Gross Domestic Product, IBES II collected relevant data to inform business and other policy decisions which are published in this report.

This report presents detail findings of IBES II which was conducted in 2015, with 2013 as the reference period for the data collected. The report presents findings at the sector and sub-sector levels in all the relevant subject matter areas including employment, compensation of employees, receipts and revenue of businesses, as well as cost incurred by firms during the production of goods and services. Aside public and private policy makers who will need this report for their policy decisions, researchers, students, and the international community alike may resort to the use of this IBES II Comprehensive Sectoral Report to inform their programmes.

The Ghana Statistical Service (GSS) expresses her appreciation to the Government of Ghana, Dutch Government, UK-DFID and the World Bank for providing the financial assistance for this economic census. The Service also wishes to thank the Ministry of Trade and Industry who assisted in their capacity as a major stakeholder and provided both technical and financial support. We appreciate the technical assistance of the following organizations during the execution of the project: the National Board for Small Scale Industries; United Nations Development Programme (UNDP); United Nations Industrial Development Organization (UNIDO); Ministry of Roads and Transport; Ghana Employers Association (GEA); Association of Ghana Industries (AGI); Ghana National Chamber of Commerce and Industry; National Insurance Commission (NIC); Private Enterprise Federation (PEF); Minerals Commission; Ghana Tourist Board (GTB); National Communications Authority (NCA); Ministry of Employment and Labour Relations (MELR); and the Institute of Statistical, Social and Economic Research (ISSER).

We want to express our appreciation to all the sampled establishments that provided the required data which made it possible to complete the IBES II. Also, the GSS acknowledges the efforts of all the officers and field staff especially Anthony Kofi

Krasah (National Project Coordinator) , Isaac Dadson (Deputy Project Coordinator) and the project staff who worked tirelessly to ensure the successful completion of IBES II.



BAAH WADIEH

AG. GOVERNMENT STATISTICIAN

AND NATIONAL PROJECT DIRECTOR

Table of Contents

PREFACE AND ACKNOWLEDGEMENT	i
LIST OF TABLE	vi
LIST OF FIGURES	xv
ABBREVIATIONS	i
EXECUTIVE SUMMARY	ii
CHAPTER ONE: BACKGROUND.....	1
1.1 Introduction	1
1.2 Economic censuses and surveys in Ghana	2
1.3 Objectives of IBES II	3
1.4 Scope and coverage	3
1.5 Reference Year.....	3
1.6 Legislation and confidentiality	4
1.7 Institutional arrangements	4
1.8 Funding.....	4
CHAPTER TWO: METHODOLOGY.....	5
2.1 Planning preparation	5
2.2 Principal census documents	5
2.3 Sampling Design	6
2.4 Strategy for determining the Sample size and Allocation by Stratum	7
2.5 Response rate.....	8
2.6 Pre-test training of trainers	8
2.7 Preparation for fieldwork	9
2.8 Field operations	10
2.9 Data processing	10
CHAPTER THREE: BUSINESSES IN INSTITUTIONAL AGRICULTURE SECTOR	13
3.1 Introduction	13
3.2 Trading account of the Institutional Agriculture.....	13
3.3 Trading account of the Institutional Agriculture by region.....	14
3.4 Purchases and Other Operating Cost of the Institutional Agriculture by region	14
3.5 Purchases and other operating cost of Institutional Agriculture by size	15
3.6 Compensation of employees in the Institutional Agriculture sector	16
3.7 Compensation of employees in the Institutional Agriculture sector by region.....	16
3.8 Compensation of employees in the Institutional Agriculture sector by size.....	17
3.9 Receipts of the Institutional Agriculture by region	18
3.10 Inventories of businesses in the Institutional Agriculture sector	19
3.11 Value of stocks of raw materials at the beginning of the year by region	22
3.12 Value of stocks at the end year in the Agriculture sector.....	23
3.13 Value of stocks at the end of the year in the Agriculture sector by size	24
3.14 Value of stocks at end of year in the Agriculture sector by region	26
3.15 Gross addition to fixed assets in the Agriculture sector.....	27
3.16 Gross additions to fixed assets in the Agriculture sector by region	30
3.17 Depreciation of fixed assets in the Agriculture sector	31

CHAPTER FOUR : BUSINESSES IN INDUSTRY SECTOR	35
4.1 Introduction	35
4.2 Trading account of businesses in the Industry sector.....	35
4.3 Operation cost of businesses in the Industry sector	39
4.4 Inventories of businesses in the Industry sector.....	45
4.5 Purchases and other operating costs in the Industry sector	52
4.6 The value of purchases and other operating costs incurred by establishments.....	52
4.7 Sales and receipts of establishments in the Industry Sector.....	59
4.8 Fixed assets of businesses in the Industry sector	65
CHAPTER FIVE: BUSINESSES IN THE SERVICE SECTOR.....	73
5.1 Introduction	73
5.2 Analysis of trading account in the Service sector	73
5.3 Operating cost of businesses in the Service sector.....	89
5.4 Operating cost in the Wholesale and Retail trade sub-sector.....	90
5.5 Compensation of employees in the Services sector	98
5.6 Wholesale and retail trade sub-sector activities in the Services sector	100
5.7 Compensation of Employees in the Service sector	101
5.8 Compensation of Employees by establishment size in the Service sector (LMSM)	107
5.9 Value of stocks at the beginning of year in the Service sector	158
5.10 Value of stocks at the beginning of year for the Service sector by region.....	160
5.11 Analysis of Receipts generated in the Service Sector by size of establishment	202
5.12 Analysis of Receipts in the Services Sector	215
5.13 Gross additions to fixed capital in the Wholesale and retail trade sub-sector.....	225
5.14. Gross addition of fixed assets in the real estate sub sector	226
5.15 Depreciation of fixed assets in the Services sector	227
5.16 Fixed assets in the Services sector at the end of the year	228
CHAPTER SIX: CONCLUSIONS AND RECOMMENDATIONS	229
6.1 Introduction	229
CHAPTER SEVEN: GLOSSARY	232
APPENDICES A: TABLES	237
APPENDIX B: CORE PROJECT STAFF AND PROJECT IMPLEMENTATION TEAM	686
APPENDIX C: QUESTIONNAIRES	691

LIST OF TABLE

Table 3.1:	Trading Account of the Institutional Agriculture Sector	13
Table 3.3:	Purchases and Other Operating Cost of the Agriculture Sector by Region.....	15
Table 3.4:	Purchases and other operating cost by LMSM.....	15
Table 3.5:	Compensation of employees in the Institutional Agriculture	16
Table 3.6:	Compensation of employees in Institutional Agriculture by Region	17
Table 3.7:	Compensation of employees in the Institutional Agriculture by size.....	18
Table 3.8:	Distribution of receipts of the Institutional Agriculture by region	19
Table 3.9:	Value of stocks at beginning of year in the Agriculture sector by size	22
Table 3.10 :	Value of stocks at end of year in the Agriculture sector by size	25
Table 3.11 :	Depreciation of fixed asseet in the Agriculture sector by size	34
Table 4.1:	Trading Account of the Industry Sector	35
Table 4.2:	Trading Account of the Mining and Quarrying sub-sector	36
Table 4.3:	Trading Account of the Manufacturing sub-sector.....	37
Table 4.4:	Trading Account of the Electricity sub-sector.....	37
Table 4.5:	Trading Account of the water supply, sewerage and waste management sub-sector.....	38
Table 4.6:	Trading Account of the Construction sub-sector.....	38
Table 4.7:	Trading Account of the Industry Sector by Region.....	39
Table 4.8:	Compensation of employees in the Industry sector	40
Table 4.9:	Compensation of employees in the Manufacturing sub-sector.....	42
Table 4.10:	Type and value of stocks	46
Table 4.11:	Type and value of stocks by sub-sectors in the Industry sector	47
Table 4.12:	Distribution of type of stocks in the Industry sector (%).....	48
Table 4.13:	Regional distribution of type of stocks in the Industry sector	49
Table 4.14:	Type of stocks in the Industry sub-sector by size.....	51
Table 4.15:	Type of stocks in the Industry sub-sector by size.....	52
Table 4.16:	Type and value of purchases and other operating cost in the Industry sub-sectors.....	55
Table 4.17:	Distribution of purchases and other operating cost in the Industry sector (%)	56
Table 4.18:	Distribution of value of purchases and other operating cost by type and region	57
Table 4.19:	Type and value of purchases and other operating cost in the Mining and quarrying and Manufacturing sub-sectors by size.....	58
Table 4.20:	Type of purchases and other operating cost in Electricity, Water and Construction sub-sectors by size	59
Table 4.21:	Type and value of sales and receipts of the Industry Sector.....	60
Table 4.22:	Type and value of sales and receipts by sub-sectors in the Industry sector	61
Table 4.23:	Type of sales and receipts in the Industry sub-sectors (%)	62
Table 4.24:	Type and value of sales and receipts by Region.....	63

Table 4.25:	Type and value of sales and receipts in the Mining and quarrying and Manufacturing sub-sectors by size	64
Table 4.26:	Type of sales and receipts in the Electricity, Water supply and waste management by size	64
Table 4.27:	Value of assets at the end of year in the Industry sector	65
Table 4.28:	Value of fixed asset at the end of year in the Industry Sector by Region.....	66
Table 4.29:	Value of fixed asset at the end of year in Industry Sector by size of Establishments	66
Table 4.30:	Gross additions to fixed assets (purchases of fixed assets) by Industry sub-sector.....	68
Table 4.31:	Gross additions to fixed asset (purchases of fixed assets) by Region	69
Table 4.32:	Disposal of fixed asset in the Industry Sector	70
Table 4.33:	Disposal of fixed asset in the Industry sector by region	70
Table 4.34:	Disposal of fixed asset by establishment size.....	71
Table 4.35	Depreciation of fixed assets by Industry sub-sector	72
Table 5.1:	Trading account of business in the service sector	74
Table 5.2:	Operating cost of businesses in the Service sector by type of expenditure category (%)	89
Table 5.3:	Distribution of operating cost of establishments in the information and communication subsector by type of expenditure	92
Table 5.4:	Distribution of operating cost of establishments in the human health and social work activities sub-sector by type of expenditure.....	95
Table 5.5:	Distribution of operating cost of establishments in the Services sector by Size	97
Table 5.6:	Percentage distribution of operating cost of establishments in the Services sector by Region.....	98
Table 5.7:	Compensation of employees in the Service sector	99
Table 5.8:	Compensation of Employees in the Service sector.....	102
Table 5.9:	Compensation of Employees in the Service sector.....	104
Table 5.10:	Compensation of Employees in the Service sector.....	106
Table 5.11:	Compensation of Employees in the service sub-sectors by size.....	108
Table 5.12:	Compensation of Employees in the service sub-sectors by size.....	110
Table 5.13:	Compensation of Employees in the service sub-sectors by size.....	112
Table 5.14:	Compensation of Employees in the Service sector - Western Region	115
Table 5.15:	Compensation of Employees in the Service sector - Central Region.....	119
Table 5.16	Compensation of Employees in the Service sector - Greater Accra Region	124
Table 5.17:	Compensation of Employees in the Service sector - Volta Region.....	129
Table 5.18:	Compensation of Employees in the Service sector- Eastern Region.....	133
Table 5.19:	Compensation of Employees in the Service sector- Ashanti Region	138
Table 5.20:	Compensation of Employees in the Service sector - Brong Ahafo Region.....	142
Table 5.21:	Compensation of Employees in the Service sector - Northern Region	147
Table 5.22:	Compensation of Employees in the Service sector - Upper East Region.....	152
Table 5.23:	Compensation of Employees in the Services sector- Upper West Region.....	156
Table 5.24:	Value of stocks at beginning of year in the Service sector.....	159
Table 5.25:	Value of stocks at the beginning of the year in the Service sector by Region	161

Table 5.26:	Value of stocks at beginning of the year for the Service sector - Western Region	164
Table 5.27:	Value of stocks at beginning of the year for the Service sector - Central region	168
Table 5.28:	Value of stocks at beginning of the year for the Service sector- Greater Accra Region	172
Table 5.29:	Value of stocks at beginning of the year for Service sector - Volta Region	176
Table 5.30:	Value of stocks at beginning of the year for the Service sector - Eastern Region	180
Table 5.31:	Value of stocks at beginning of the year for the Service sector-Ashanti Region	184
Table 5.32:	Value of stocks at beginning of the year for the Service sector- Brong Ahafo Region	188
Table 5.33:	Value of stocks at beginning of the year for Service sector - Northern region	192
Table 5.34:	Value of stocks at beginning of the year for the Service sector- Upper East region	196
Table 5.35:	Value of stocks at beginning of the year in the Service sector in Upper West region	200
Table 5.36:	Distribution of receipts in Service sector by size of establishment	203
Table 5.37:	Receipts in the Service Sector	215
Table 5.38:	Distribution of Receipts within the Information and Communication Activities Sub-sector	219
Table 5.39:	Distribution of receipts on Real Estate and Education Activities Sub-sectors	220
Table 5.40:	Gross addition to fixed capital in the service sector by type of asset (%)	225
Table 5.41:	Percentage distribution of depreciation of fixed assets by sub-sectors in the Services sector	227
Table 5.42:	Percentage distribution of Fixed Assets in the Services sector at the end of the year by sub-sector	228
Table 5.43:	Percentage distribution of fixed assets in the Services sector at the end of year by Size	228
Table A.1:	Purchases and other in the agriculture sector by size operating cost	237
Table A.2:	Purchases and other operating cost in the agriculture sector by region	238
Table A.3:	Purchases and other operating cost in the industry sector	241
Table A.4:	Purchases and other operating cost in the industry sector by size-	243
Table A.5:	Purchases and other operating cost in the industry subsector in Western region	244
Table A.6:	Purchases and other operating cost in the industry sector in Central region	246
Table A.7:	Purchase and other operating cost in the industry sector in Greater Accra region	248
Table A.8:	Purchases and other operating cost in the industry sector in Volta region	250
Table A.9:	Purchases and other operating cost in the industry sector in Eastern region	252
Table A.10:	Purchases and other operating cost in the industry sector in Ashanti region	254
Table A.11:	Purchases and other operating cost in the industry sector in Brong Ahafo region	256
Table A.12:	Purchases and other operating cost in the industry sector in Northern region	258
Table A.13:	Purchases and other operating cost in the industry sector in Upper East region	260
Table A.14:	Purchases and other operating cost in the industry sector in Upper West region	261
Table A.15:	Purchases and other operating cost in the service sector	262
Table A.16:	Purchases and other operating cost in the service sector by size	265
Table A.17:	Purchases and other operating cost in the service sector in Western region	267
Table A.18:	Purchases and other operating cost in the service sector in Central region	269
Table A.19:	Purchases and other operating cost in the service sector in Greater Accra region	272
Table A.20:	Purchases and other operating cost in the service sector in Volta region	274

Table A.21: Purchases and other operating cost in the service sector in Eastern region.....	277
Table A.22: Purchases and other operating cost in the service sector in Ashanti region	279
Table A.23: Purchases and other operating cost in the service sector in Brong Ahafo region.....	281
Table A.24: Purchases and other operating cost in the service sector in Northern region	283
Table A.25: Purchases and other operating cost in the service sector in Upper East region.....	285
Table A.26: Purchases and other operating cost in the service sector in Upper West region	287
Table A.27: Trading account of businesses in all the sub-sectors by size	289
Table A.28: Trading account of businesses in the agriculture sector	293
Table A.29: Trading account of businesses in the agriculture sector in Western region.....	293
Table A.30: Trading account of businesses in the agriculture sector in Central region	294
Table A.31: Trading account of businesses in the agriculture sector in Greater Accra region	294
Table A.32: Trading account of businesses in the agriculture sector in Volta region	295
Table A.33: Trading account of businesses in the agriculture sector in Eastern region	295
Table A.34: Trading account of businesses in the agriculture sector in Ashanti region	296
Table A.35: Trading account of businesses in the agriculture sector in Brong Ahafo region.....	296
Table A.36: Trading account of businesses in the agriculture sector in Northern region	297
Table A.37: Trading account of businesses in the agriculture sector in Upper East region.....	297
Table A.38: Trading account of businesses in the agriculture sector in Upper West region.....	298
Table A.39: Trading account of businesses in the industry sector	299
Table A.40: Trading account of businesses in the industry sector in Western region.....	301
Table A.41: Trading account of businesses in the industry sector in Central region	303
Table A.42: Trading account of businesses in the industry sector in Greater Accra region.....	305
Table A.43: Trading account of businesses in the industry sector in Volta region	307
Table A.44: Trading account of businesses in the industry sector in Eastern region	309
Table A.45: Trading account of businesses in the industry sector in Ashanti region.....	311
Table A.46: Trading account of businesses in the industry sector in Brong Ahafo region	313
Table A.47: Trading account of businesses in the industry sector in Northern region.....	315
Table A.48: Trading account of businesses in the industry sector in Upper East region	317
Table A.49: Trading account of businesses in the industry sector in Upper West region.....	319
Table A.50: Trading account of businesses in the service sector	321
Table A.51: Trading account of businesses in the service sector in Western region.....	323
Table A.52: Trading account of businesses in the service sector in Central region	325
Table A.53: Trading account of businesses in the service sector in Greater Accra region	327
Table A.54: Trading account of businesses in the service sector in Volta region	330
Table A.55: Trading account of businesses in the service sector in Eastern region.....	333
Table A.56: Trading account of businesses in the service sector in Ashanti region	335
Table A.57: Trading account of businesses in the service sector in Brong Ahafo region.....	337
Table A.59: Trading account of businesses in the service sector in Upper East region.....	341

Table A.60: Trading account of businesses in the service sector in Upper West region.....	343
Table A.61: Compensation of employees in the Agriculture sector by size.....	345
Table A.62: Compensation of employees in the agriculture sector	346
Table A.63: Compensation of employees in the agriculture sector in Western region	346
Table A.64: Compensation of employees in the agriculture sector in Central region.....	347
Table A.65: Compensation of employees in the agriculture sector in Greater Accra region	347
Table A.66: Compensation of employees in the agriculture sectors in Volta region	348
Table A.67: Compensation of employees in the agriculture sector in Eastern region.....	348
Table A.68: Compensation of employees in the agriculture sector in Ashanti region	349
Table A.69: Compensation of employees in the agriculture sector in Brong Ahafo region.....	349
Table A.70: Compensation of employees in the agriculture sector in Northern Region.....	350
Table A.71: Compensation of employees in the agriculture sector in Upper East region.....	350
Table A.72: Compensation of employees in the agriculture sectors in Upper West	351
Table A.73: Compensation of employees in the industry sector	352
Table A.74: Compensation of employees in the industry sub-sector by size	354
Table A.75: Compensation of employees in the industry sub-sectors in Western Region.....	356
Table A.76: Compensation of employees in the industry sub-sectors in Central region.....	358
Table A.77: Compensation of employees in the industry sub-sectors in Greater Accra region.....	360
Table A.78: Compensation of employees in the industry sub-sectors in Volta region.....	362
Table A.79: Compensation of employees in the industry sub-sectors in Eastern region	364
Table A.80: Compensation of employees in the industry sub-sectors in Ashanti region	366
Table A.81: Compensation of employees in the industry sub-sectors in Brong Ahafo region	368
Table A.82: Compensation of employees in the industry sub-sectors in Northern region	370
Table A.84: Compensation of employees in the industry sub-sectors in Upper East region.....	372
Table A.85: Compensation of employees in the industry sub-sectors in Upper West region	374
Table: A.86: Compensation of employees in the service sub-sectors	376
Table: A.87: Compensation of employees in the service sub-sectors by size	379
Table: A.88: Compensation of employees in the service sub-sectors in Western region.....	382
Table: A.89: Compensation of employees in the service sub-sectors in Central region	385
Table: A.90: Compensation of employees in the service sub-sectors in Greater Accra region.....	388
Table: A.92: Compensation of employees in the service sub-sectors in Volta region	391
Table: A.93: Compensation of employees in the service sub-sectors in Eastern region	394
Table: A.94: Compensation of employees in the service sub-sectors in Ashanti region.....	397
Table A.95: Compensation of employees in the service sub-sectors in Brong Ahafo region	400
Table: A.96: Compensation of employees in the service sub-sectors in Northern region.....	403
Table: A.97: Compensation of employees in the service sub-sectors in Upper East region	406
Table: A.98: Compensation of employees in the service sub-sectors in Upper West region.....	409
Table A.99: Gross additions to fixed asset in the agriculture sector	411

Table A.100: Gross additions to fixed asset in the agriculture sector by size	412
Table A.101: Gross additions to fixed asset in the agriculture sector in Western region.....	412
Table A.103: Gross additions to fixed asset in the agriculture sector in Greater Accra region.....	413
Table A.104: Gross additions to fixed asset in the agriculture sector in Volta region	413
Table A.106: Gross additions to fixed asset in the agriculture sector in Ashanti region.....	414
Table A.107: Gross additions to fixed asset in the agriculture sector in Brong Ahafo region	415
Table A.108: Gross additions to fixed asset in the agriculture sector in Northern region.....	415
Table A.109: Gross additions to fixed asset in the agriculture sector in Upper East region	416
Table A.110: Gross additions to fixed asset in the agriculture sector in Upper West region.....	416
Table A.111: Gross additions to fixed asset in the industry sector.....	417
Table A.112: Gross additions to fixed asset in the industry sector by size	420
Table A.113: Gross additions to fixed asset in the industry sector in Western region.....	421
Table A.114: Gross additions to fixed asset in the industry sector in Central region.....	423
Table A.115: Gross additions to fixed asset in the industry sector in Greater Accra region.....	425
Table A.116: Gross additions to fixed asset in the industry sector in Volta region	427
Table A.117: Gross additions to fixed asset in the industry sector in Eastern region	429
Table A.118: Gross additions to fixed asset in the industry sector in Ashanti region.....	431
Table A.119: Gross additions to fixed asset in the industry sector in Brong Ahafo region	433
Table A.120: Gross additions to fixed asset in the industry sector in Northern region.....	435
Table A.121: Gross additions to fixed asset in the industry sector in Upper East region	437
Table A.122: Gross additions to fixed asset in the industry sector in Upper West region	438
Table A.123: Gross additions to fixed asset in the service sector	439
Table A.124: Gross additions to fixed asset in the services sector by size.....	441
Table A.125: Gross additions to fixed asset in the service sector in Western region.....	443
Table A.126: Gross additions to fixed asset in the service sector in Central region	445
Table A.127: Gross additions to fixed asset in the service sector in Greater Accra region.....	447
Table A.128: Gross additions to fixed asset in the service sector in Volta region	449
Table A.129: Gross additions to fixed asset in the service sector in Eastern region	451
Table A.130: Gross additions to fixed asset in the service sector in Ashanti region.....	453
Table A.131: Gross additions to fixed asset in the service sector in Brong Ahafo region	455
Table A.132: Gross additions to fixed asset in the service sector in Northern region.....	457
Table A.134: Gross additions to fixed asset in the service sector in Upper West region.....	461
Table A5a: Depreciation of fixed asset in the Agriculture sector.....	463
Table A5b: Depreciation of fixed asset in the Agriculture sector by size	464
Table A5c: Depreciation of fixed asset in the industry sector by size.....	465
Table A5d: Depreciation of fixed asset in the industry sector.....	466
Table A5e: Depreciation of fixed asset in the service sector by size.....	468
Table A5f: Depreciation of fixed asset in the service sector	470

Table A6a:	Value of fixed asset at the end of year in all the sectors by size.....	473
Table A6b:	Value of fixed asset at the end of year in the agriculture sector by region.....	477
Table A6c:	Value of fixed asset at the end of year in the industry sector	479
Table A6d:	Value of fixed asset at the end of year in the industry sector in Western region	481
Table A6e:	Value of fixed asset at the end of year in the industry sector in Central region	483
Table A6f:	Value of fixed asset at the end of year in the industry sector in Greater Accra region	485
Table A6g:	Value of fixed asset at the end of year in the industry sector in Volta region.....	487
Table A6h:	Value of fixed asset at the end of year in the industry sector in Eastern region.....	489
Table A6i:	Value of fixed asset at the end of year in the industry sector in Ashanti region	491
Table A6j:	Value of fixed asset at the end of year in the industry sector in Brong Ahafo region.....	493
Table A6k:	Value of fixed asset at the end of year in the industry sector in Northern region	495
Table A6l:	Value of fixed asset at the end of year in the industry sector in Upper East region.....	497
Table A6m:	Value of fixed asset at the end of year in the industry sector in Upper West region	499
Table A6n:	Value of fixed asset at the end of year in the service sector	501
Table A6o:	Value of fixed asset at the end of year in the service sector in Western region	503
Table A6p:	Value of fixed asset at the end of year in the service sector in Central region.....	505
Table A6q:	Value of fixed asset at the end of year in the service sector in Greater Accra region	507
Table A6r:	Value of fixed asset at the end of year in the service sector in Volta region	509
Table A6s:	Value of fixed asset at the end of year in the service sector in Eastern region.....	511
Table A6t:	Value of fixed asset at the end of year in the service sector in Ashanti region.....	513
Table A6u:	Value of fixed asset at the end of year in the service sector in Brong Ahafo region.....	515
Table A6v:	Value of fixed asset at the end of year in the service sector in Northern region	517
Table A6w:	Value of fixed asset at the end of year in the service sector in Upper East region.....	519
Table A6x:	Value of fixed asset at the end of year in the service sector in Upper West region.....	521
Table A7a:	Disposal of fixed asset in all the sectors by size	523
Table A7b:	Disposal of fixed asset in all the sectors	527
Table A7c:	Disposal of fixed asset in all the sectors in Western region.....	530
Table A7d:	Disposal of fixed asset in all the sectors in Central region.....	533
Table A7e:	Disposal of fixed asset in all the sectors in Greater Accra region	536
Table A7f:	Disposal of fixed asset in all the sectors in Volta region	539
Table A7g:	Disposal of fixed asset in all the sectors in Eastern region.....	542
Table A7h:	Disposal of fixed asset in all the sectors in Ashanti region	545
Table A7i:	Disposal of fixed asset in all the sectors in Brong Ahafo region.....	548
Table A7j:	Disposal of fixed asset in all the sectors in Northern region	551
Table A7k:	Disposal of fixed asset in all the sectors in Upper East region.....	554
Table A7l:	Disposal of fixed asset in all the sectors in Upper West region	557
Table A8a:	Value of stocks at beginning of year in the industry sector by size.....	560
Table A8c:	Value of stocks at beginning of year in the industry sector in Western region	563

Table A8d:	Value of stocks at beginning of year in the industry sector in Greater Accra region	565
Table A8e:	Value of stocks at beginning of year in the industry sector in Volta region.....	567
Table A8f:	Value of stocks at beginning of year in the industry sector in Easter region	569
Table A8g:	Value of stocks at beginning of year in the industry sector in Ashanti region	571
Table A8h:	Value of stocks at beginning of year in the industry sector in Brong Ahafo region	573
Table A8i:	Value of stocks at beginning of year in the industry sector in Northern region	575
Table A8j:	Value of stocks at beginning of year in the industry sector in Upper East region	577
Table A9a:	Value of stocks at end of year in the agriculture sector by size.....	579
Table A9b:	Value of stocks at end of year in the agriculture sub-sectors by size	579
Table A9c:	Value of stocks at end of year in the agriculture sector by region.....	580
Table A10a:	Value of stocks at end of year in the service sector	581
Table A10b:	Value of stocks at end of year in the services sector by size	583
Table A10c:	Value of stocks at end of year in the service sector in Western region	584
Table A10d:	Value of stocks at end of year in the service sector in Central region.....	585
Table A10e:	Value of stocks at end of year in the service sector in Greater Accra region	587
Table A10f:	Value of stocks at end of year in the service sector in Volta region	589
Table A10g:	Value of stocks at end of year in the service sector in Eastern region	591
Table A10h:	Value of stocks at end of year in the service sector in Ashanti region	592
Table A10i:	Value of stocks at end of year in the service sector in Brong Ahafo region	594
Table A10j:	Value of stocks at end of year in the service sector in Northern region	596
Table A10k:	Value of stocks at end of year in the service sector in Upper East.....	598
Table A10l:	Value of stocks at end of year in the service sector in Upper West region	600
Table A10l:	Value of stocks at beginning of year in the service sector	602
Table A10m:	Value of stocks at beginning of year in the services sector by size.....	604
Table A10n:	Value of stocks at beginning of year in the services sector in Western region	605
Table A10o:	Value of stocks at beginning of year in the services sector in Central region	607
Table A10p:	Value of stocks at beginning of year in the services sector in Greater Accra region	608
Table A 10q:	Value of stocks at beginning of year in the service sector in Volta region	610
Table A10r:	Value of stocks at beginning of year in the service sector in Eastern region	612
Table A10s:	Value of stocks at beginning of year in the service sector in Ashanti region	614
Table A10t:	Value of stocks at beginning of year in the service sector in Brong Ahafo region	616
Table A10u:	Value of stocks at beginning of year in the service sector in Northern region.....	618
Table A10v:	Value of stocks at beginning of year in the service sector in Upper East region	620
Table A10w:	Value of stocks at beginning of year in the service sector in Upper West region	622
Table A11a:	Receipts in the industry sector	624
Table A11b:	Receipts in the industry sector by size.....	626
Table A11c:	Receipts in the industry sector in Western region.....	628
Table A11d:	Receipts in the industry sector in Central region	630

Table A11e:	Receipts in the industry sector in Greater Accra region	632
Table A11f:	Receipts in the industry sector in Volta region	634
Table A11g:	Receipts in the industry sector in Eastern region.....	636
Table A11h:	Receipts in the industry sector in Ashanti region	638
Table A11i:	Receipts in the industry sector in Brong Ahafo region.....	640
Table A11j:	Receipts in the industry sector in Northern region	642
Table A11k:	Receipts in the industry sector in Upper East in region.....	644
Table A11l:	Receipts in the industry sector in Upper West region	646
Table A 12a:	Receipts in the agriculture sector by size.....	648
Table A12b:	Receipts in the agriculture sector.....	649
Table A12c:	Receipts in the agriculture sector by region.....	650
Table A13a:	Receipts in the service sector	653
Table A13b:	Receipts in the service sector by size.....	656
Table A13c:	Receipts in the service sector in Western region	659
Table A13d:	Receipts in the service sector in Central region.....	661
Table A13e:	Receipts in the service sector in Greater Accra region	663
Table A13f:	Receipts in the service sector in Volta region	665
Table A13g:	Receipts in the service sector in Eastern region	668
Table A13h:	Receipts in the service sector in Ashanti region	671
Table A13i:	Receipts in the service sector in Brong Ahafo region	674
Table A13j:	Receipts in the service sector in Northern region	677
Table A13k:	Receipts in the service sector in Upper East region.....	680
Table A13l:	Receipts in the service sector in Upper West region	683

LIST OF FIGURES

Figure 3.1:	Value of stocks at the beginning of the year in the Agriculture sector	20
Figure 3.2:	Value of stocks at the beginning of the year in the Agriculture sector by size	21
Figure 3.3:	Value of raw materials (used as stocks at the beginning of the year) by Region.....	23
Figure 3.4:	Value of stocks at the end of the year 2013	24
Figure 3.5:	Value of stocks at end of year in the Agriculture sector by size	25
Figure 3.6:	Value of stocks at end of year in the Agriculture sector by region	26
Figure 3.7:	Gross addition to fixed assets in the Agriculture sector	27
Figure 3.8:	Gross addition to fixed assets in the crop and animal production, hunting and related service activities sub-sector	28
Figure 3.9:	Gross addition to Fixed Assets in the Forestry and logging sub-sector	29
Figure 3.10:	Gross addition to Fixed Assets in the Fishing and Aquaculture sub-sector	30
Figure 3.11:	Gross addition to Machinery and Other Equipment in the Agriculture sector.....	31
Figure 3.12:	Depreciation of fixed assets in the Agriculture sector	32
Figure 3.13:	Depreciation of Machinery and Other Equipment in the Agriculture sub-sectors.....	33
Figure 3.14:	Depreciation of Buildings in the Agriculture	34
Figure 4.1:	Compensation of employees in the Mining and Quarrying sub-sector	41
Figure 4.2:	Compensation of employees in the Water supply, sewerage, waste management and remediation activities sub-sector	43
Figure 4.3:	Compensation of employees in the Construction sub-sector	44
Figure 4.4:	Compensation of employees by size	45
Figure 4.5:	Type of purchases and other operating cost in the Industry sector	53
Figure 4.6:	Type of purchases and other operating cost in the Industry Sector.....	54
Figure 5.1:	Composition of Trading Account of businesses in the Service sector in Western Region (GH¢' billion).....	75
Figure 5.2:	Composition of Trading Account of businesses in the Central Region (GH¢' billion).....	77
Figure 5.3:	Composition of Trading Account of businesses in the Greater Accra Region (GH¢' billion)	78
Figure 5.4:	Composition of Trading Account of businesses in the Volta Region (GH¢' billion).....	79
Figure 5.5:	Composition of Trading Account of businesses in the Eastern Region (GH¢' billion).....	81
Figure 5.6:	Composition of Trading Account of businesses in the Ashanti Region (GH¢' billion)	82
Figure 5.7:	Composition of Trading Account of businesses in the Brong Ahafo Region (GH¢' billion).....	84
Figure 5.8:	Composition of Trading Account of businesses in the Northern Region (GH¢' billion)	85
Figure 5.9:	Composition of Trading Account of businesses in the Upper East Region (GH¢' billion).....	87
Figure 5.10:	Composition of Trading Account of businesses in the Upper West Region (GH¢' billion).....	88
Figure 5.11:	The share of operating cost in the wholesale and retail trade sub sector by type of activity	90
Figure 5.12:	Percentage distribution of operating cost in the accommodation and food services sub-sector by type of expenditure	91
Figure 5.13:	Percentage distribution of operating cost by groups in the financial and insurance sub-sector.....	92
Figure 5.14:	Percentage distribution of operating cost of establishments in the real estate sub sector by type of expenditure.....	93

Figure 5.15: Percentage distribution of operating cost of establishments in the Administrative and Support Services sub-sector	94
Figure 5.16: Percentage distribution of operating cost of businesses in the Arts, entertainment and recreation sub- sector by type of expenditure	95
Figure 5.17: Percentage distribution of operating cost of businesses in the other service activities sub-sector by proportion of establishments	96
Figure 5.18: Wholesale and retail trade sub-sector activities in the Services sector	100
Figure 5.19: Composition of opening stocks of Service sector in Western region.....	162
Figure 5.20: Component of opening stocks of Services sector in Central Region	166
Figure 5.21: Components of opening stocks of Services sector in Greater Accra Region	170
Figure 5.22: Components of opening stocks of the Service sector in the Volta region.....	174
Figure 5.23: Components of opening stocks of Services sector in Eastern region.....	178
Figure 5.24: Components of opening stocks for the Service sector in Ashanti region.....	182
Figure 5.25: Components of opening stocks of the Service sector in Brong Ahafo.....	186
Figure 5.26: Components of opening stocks of Service sector in Northern region.....	190
Figure 5.27: Components of opening stocks in the Service sector in Upper East region.....	194
Figure 5.28: Composition of opening stocks in the Services sector in Upper West region	198
Figure 5.29: Sources of receipts in the Service sector	202
Figure 5.30: Distribution of receipts in the Wholesale and retail trade, repair of motor vehicles and motorcycles sub-sector by Size	204
Figure 5.31: Distribution of Receipts in the Transportation and storage sub- sector by Size	205
Figure 5.32: Distribution of receipts from activities of accommodation and food service sub-sector by Size.....	206
Figure 5.33: Distribution of Receipts in the Information and communication activities sub-sector by Size	207
Figure 5.34: Distribution of Receipts in the Financial and insurance activities sub-sector by Size.....	208
Figure 5.35: Distribution of receipts in the Real Estate Activities sub-sector by Size.....	209
Figure 5.36: Distribution of receipts in the Professional, scientific and technical activities sub-sector by Size	210
Figure 5.37: Distribution of Receipts in the Administrative and support service activities sub-sector by Size.....	211
Figure 5.38: Distribution of Receipts in the Education sub-sectors by Size of Business	212
Figure 5.39: Percentage Distribution of Receipts in the Human Health and Social Work Activities sub sectors by Size of Business	213
Figure 5.40: Distribution of receipts in the Arts, Entertainment and Recreation sub-sector by Size	214
Figure 5.41: Distribution of receipts in the Other Service Activities sub-sector by Size	215
Figure 5.42: Distribution of receipts of sub-sectors in the Services sector	216
Figure 5.43: Distribution of receipts within Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector	217
Figure 5.44: Distribution of Receipts in the Transportation and storage sub-sector	218
Figure 5.45: Distribution of Receipts in the Accommodation and food service activities sub-sector.....	218
Figure 5.46: Distribution of receipts in the Financial and insurance activities sub sector	220
Figure 5.47: Distribution of receipts Human health and social work activities sub-sector	221

Figure 5.48:	Distribution of Receipts in the Arts, entertainment and recreation sub-sector	222
Figure 5.49:	Distribution of receipts in the other service activities sub-sector	223
Figure 5.50:	Distribution of receipts in the Professional, scientific and technical activities sub-sector	224
Figure 5.51:	Distribution of receipts in the Administrative and Support service activities sub-sector	224
Figure 5.52:	Share of gross addition to fixed assets in the Wholesale and retail trade sub-sector	225
Figure 5.53:	Distribution of gross additions to fixed assets in the Real estate sub-sector	226
Figure 5.54:	The share of gross addition to fixed assets in the Education sub-sector	227

ABBREVIATIONS

AGI	Association of Ghana Industries
CPC	Central Product Code
CSPro	Census and Survey Processing System
DFID	United Kingdom Department for International Development
GDP	Gross Domestic Product
GEA	Ghana Employers Association
GNCCI	Ghana National Chamber of Commerce and Industry
GO	Gross Output
GSDP	Ghana Statistical Development Programme
GSS	Ghana Statistical Service
GTB	Ghana Tourist Board
GVA	Gross Value Added
IBES	Integrated Business Establishment Survey
ISIC	International Standard Industrial Classification
ISSER	Institute of Statistical, Social and Economic Research
MoF	Ministry of Finance
MoTI	Ministry of Trade and Industry
MWRWH	Ministry of Water Resources, Works and Housing
NBSSI	National Board for Small Scale Industries
NCA	National Communications Authority
NDPC	National Development Planning Commission
NIC	National Insurance Commission
NSC	National Steering Committee
PEF	Private Enterprise Federation
PIT	Project Implementation Team
PNDC	Provisional National Defense Council
PPP	Public-Private Partnership
RS	Regional Statistician
SDGs	Sustainable Development Goals
TAC	Technical Advisory Committee
TPE	Total Persons Engaged

EXECUTIVE SUMMARY

Background

The Integrated Business Establishment Survey (IBES) is an economic census conducted on the full set of economic units across all sectors of the Ghanaian economy. It was conducted to provide reliable, timely and relevant economic statistics to support the formulation and implementation of policies and strategies that can stimulate the growth of all sectors of the economy. The IBES is the first economic census in Ghana which provides information on the structure and performance of all sectors of the economy as well as regional comparisons. The report summarizes the findings of IBES II which was conducted in 2015 with 2013 as the reference period.

Response rate

IBES II recorded an impressive response rate of 78.2 percent. This implies that, out of the total sample of 31,152 establishments that were surveyed, as many as 24,400 agreed to be part of the survey.

Revenue, cost of production and services and gross profit of business

The total amount of revenue generated by the three sectors is GH¢457 billion. Much of the revenue (GH¢317.7 billion representing 70.4 percent) was generated by the Services sector. The Industry sector generated GH¢128.4 billion which is 28.4 percent of total revenue while revenue from Institutional Agriculture is GH¢5.4 billion, representing 1.2 percent. Within the Institutional agriculture subsector, establishments in three regions (Ashanti, Western and Northern) accounted for 81 percent of total receipts by all establishments in the subsector (GH¢5,795,884,188). Meanwhile, Greater Accra Region contributed the largest revenue of GH¢ 86.6 billion, representing 65 percent of revenue generated by the Industry sector. The Crop and animal production, hunting and related service activities contributed the largest share (94.2%) of revenue for the Institutional agriculture subsector (GH¢5.12 billion) while the Construction sub-sector contributed the largest share of GH¢53.8 billion (40.4%) of the Industry sector's revenue.

With respect to establishment size, 30.5 percent of the total revenue (GH¢144.5 billion) was earned by the small-sized establishments while more than one-quarter (27.2%) of the total revenue, amounting to GH¢128.9 billion was generated by the large-sized establishments. The least revenue (GH¢97.8 billion) was earned by the medium-sized establishments.

Capital formation

The data generated from the survey suggest that the estimated stock of assets as at the end of the reference period is GH¢172.9 billion. The Industry sector's total assets amount to GH¢107.8 billion, which constitutes 62 percent of the total assets. Within the Industry sector, the mining and quarrying subsector has a value of GH¢ 574.3 million (95.8%) out of the GH¢ 599.4 million of Intangible assets in the Industry sector. Again, the subsector has the largest share of Land and Machinery and other equipment accounting for GH¢ 15.0 billion (93.2%) and GH¢50.3 billion (60.3%) respectively.

Other Tangible Assets, Machinery and other equipment accounted for 79.8 percent of the total value of fixed assets acquired in 2013 by establishments in Institutional Agriculture.

There was a total of GH¢30.1 billion worth of additions to already existing assets, 99 percent of which are Tangible assets whereas a total of GH¢20.2 billion worth of assets were disposed of. The Greater Accra region's contribution to additions to fixed assets was 88.7 percent of total additions to assets. Major assets purchased by establishments were Machinery and equipment, amounting to GH¢16.8 billion out of GH¢30.1 billion of total purchased assets.

Inventories/stocks

Total value of inventory for all establishments is GH¢35.9 billion of which GH¢18.4 billion, representing 51.3 percent is in the Services sector. The Industry sector has GH¢17.3 billion, representing 48.3 percent, while the remaining GH¢144.1 million, representing less than one percent is in the Institutional Agriculture sector.

The Industry and Services sectors kept all the types of stock while the Agriculture sector did not have any stocks for fuel and finished goods. The Industry sector had most of its stocks as raw materials and supplies (GH¢10.1 billion) representing 59.1 percent of all the stocks kept within the sector while the Services sector had the majority of its stocks (93%) as goods purchased for resale.

Employment and compensation of employees

A total of 3,102,917 persons were engaged by establishments of which 74.6 percent (2,314,309 persons) were engaged by the Services sector; 23.7 percent (734,341 persons) were engaged by Industry while 1.7 percent (54,267 persons) were engaged by the Agriculture sector. Out of the total persons engaged, 58.8 percent (1,823,070 persons) were employees.

Majority (94.3%) of the workers in the Agriculture sector (54,267 persons) were engaged by the Crop and animal production, hunting and related service activities sub-sector. Also, 77.7 percent (570,327 persons) of persons engaged by the Industry sector worked in the Manufacturing sub-sector. Within the Services sector, about one-third (33.6%), comprising 778,587

persons were engaged by the Wholesale and retail trade sub-sector. A total number of 1, 3561,209 persons were employed in the Service sector. Establishments in the wholesale and retail trade: repair of motor vehicles and motor-cycles employ more persons (25.2%) than any other sub-sector in the sector. This is followed by the education sub sector which employs 21.0 percent and the financial and insurance activities sub-sector, 15.0% percent. Establishments in the accommodation and food sub-sector, employs 11.2 percent of the total persons employed in the service sector.

The small-sized and micro-sized establishments together, engaged 71.4 percent of the total workforce while the large-sized establishments engaged 16.6 percent. Relatively high proportions of employees work in large-sized establishments. Out of the 3,102,917 persons engaged, 1,115,768 persons representing 36 percent of the total number of persons engaged worked in establishments located in the Greater Accra Region, 16.9 percent worked in establishments located in the Ashanti Region while 10.3 percent worked in establishments located in the Western Region.

Total compensation paid to employees amounted to GH¢30.4 billion. Wages and salaries paid to employees was about GH¢28.7 billion, representing 94.4 percent of total compensation to employees. In total, about GH¢1.0 billion was paid by employers to their employees as Social Security contributions, which formed 3.4 percent of the total compensation to employees. Other supplement to wages such as end of year bonuses, personal insurance, medical schemes, etc. was about GH¢666.6 million which is 2.2 percent of the total compensation to employees.

As much as GH¢17.1 billion, representing 60.1 percent of total wages and salaries was paid to employees in the Services sector and about two-fifths (39.3%) of total wages and salaries amounting to about GH¢11.5 billion was paid to those who worked in the Industry sector. More than 60 percent (63.6%) of total wages and salaries (GH¢18.3 billion) were received by employees in large-sized establishments.

As much as 45.9 percent (GH¢13.2 billion) of all wages and salaries was paid to employees located in the Greater Accra Region while 37.1 percent (GH¢10.6 billion) was paid to employees located in the Western Region. Only 6.2 percent (GH¢1.8 billion) was paid to employees located in the Ashanti Region.

CHAPTER ONE: BACKGROUND

1.1 Introduction

The Integrated Business Establishment Survey (IBES) is an economic census conducted on the full set of economic units across all sectors of the Ghanaian economy. It is structured into two phases. Phase I provided the framework for the implementation of this second phase which involved the collection of detailed information on the operations of business establishments with the purpose of providing reliable, timely and relevant economic statistics to support the formulation and implementation of policies and strategies that can stimulate the growth of all sectors of the economy. The project also aimed to collect data from a sample of businesses in the country on their operations, to be used to rebase Ghana's Gross Domestic Product (GDP) and other economic indicator series, and also publish data on productivity and related indicators to inform policy within every region and the nation as a whole.

Since 1962, a number of nationwide firm level surveys have been conducted to provide some intuition into the performance of the industry sector in the country. Most of these surveys, however, have not provided information on changes in the structure of the entire economy but only the industry sector over time. The Integrated Business Establishment Survey (IBES) which is the first economic census in Ghana provides information on the structure and performance of all the sectors of the economy in addition to regional comparisons.

Ghana aspires to achieve the Sustainable Development Goals (SDGs) within the designed timeframe, as well as the Ghana Shared Growth and Development Agenda and the AU Agenda 2063. The realization or otherwise of these objectives depends largely on the collection, collation and analysis of statistical data on which policy decisions hinge. Also, in order to measure the impact of the changes in the economy, there is the need for a set of macro-economic indicators that are produced regularly and on a timely basis.

This report provides fine details of the findings from IBES II which was conducted in 2015 with 2013 as the reference period, and presents tables not only at the sector levels, but at sub-sector levels and also groups under the sub-sector levels. The report provides detailed analysis at each sector level, such that specific and relevant subject matter areas spanning employment, compensation of employees, receipts and revenue of businesses in Ghana, as well as cost incurred by firms in the production of goods and services are dealt with in detail at the sub-sector level, and the groups within each sub-sector are focused on in explaining the dynamics within the sub-sectors. Aside the detailed sector and sub-sector analysis, this report provides insight into the general economy-wide issues which contribute to determining the Gross Domestic Product of the Ghanaian economy.

Further, apart from providing critical economic indicators that inform the size of the economy, the contribution of each of the regions and businesses categorized by size to the performance of the sub-sectors under each sector has been examined to bring to the fore, the role of the different actors in the determination of the performance of the three main sectors, namely Agriculture, Industry, and Services sector.

Chapter two presents the detailed information on the methodology adopted in the survey. In chapter three, the contribution of key sub-sectors to the factors that could influence the size of the Ghanaian economy are examined. Chapters three, four and five present detailed analysis for the Agriculture, Industry, and Services sectors respectively. However, detailed tables from which these analysis have been extracted are found in the Appendix. Chapter six provides the conclusion and recommendations based on the results of the survey.

1.2 Economic censuses and surveys in Ghana

The first Industrial Census in Ghana was conducted in 1962 by the Central Bureau of Statistics, now the Ghana Statistical Service. The census was an enumeration of all establishments in Mining and Quarrying, Manufacturing, Construction, Electricity and Distributive Trade sub-sectors. In 1964, annual and quarterly surveys of establishments engaging 30 or more persons were introduced.

The second Industrial Census was carried out in 1987 and was done in two phases: the first phase covered the period November-December 1987 and the second took place in October-December 1988, with 1987 as the reference year. The first phase of the census aimed at obtaining basic information on establishments engaged in Mining and Quarrying, Manufacturing and the Production and Distribution of Electricity and Water, while the second phase covered all in-scope establishments engaging ten or more persons.

The third Industrial Census, which was conducted in 2003, was also in two phases: the first phase spanned the period October-November 2003 and the second covered the period November 2004-March 2005, with 2003 as the reference year. The first phase of the census collected basic information on establishments engaged in Mining and Quarrying, Manufacturing, Construction and the Production and Distribution of Electricity, Gas and Water. The second phase covered a certainty sample of 4,900 establishments comprising all Manufacturing establishments engaging more than 10 persons, all establishments engaged in Mining and Quarrying, Electricity and Water and Construction, and an uncertainty sample of 1,120 establishments which was a 5 percent sample of manufacturing establishments engaging less than 10 persons.

The 2013 IBES was the first Economic Census on the full set of economic units across all the three sectors of the economy. A total of 31,152 establishments were sampled for second phase of the Economic Census (IBES II) which included 6,014 establishments sampled with certainty for all the sectors.

1.3 Objectives of IBES II

The overall objective of IBES II is to provide reliable, timely and relevant economic statistics to support the formulation and implementation of policies and strategies that can stimulate growth in all sectors of the economy. Specifically; IBES II was conducted to:

- Obtain data on production as a basis for government and business analysis and decision-making.
- Provide benchmark data for rebasing, revising and updating the GDP, GSS annual surveys of Industry and other economic series.
- Measure the contribution that each sector and region contributes to Ghana's production.
- Provide the critical data needed to estimate and re-base the gross value added for all sectors in the Ghanaian economy.

1.4 Scope and coverage

Phase II of the Integrated Business Establishment Survey covered a representative sample of establishments covering the different economic sectors namely Agriculture, Industry and Services. These sectors were sampled at both national and regional levels. All establishments engaging more than 50 persons were included in the sample with certainty and a representative sample selected for establishments engaging less than 50 persons.

The target population in this survey was all non-household establishments. These are establishments that are engaged in economic activities across all the sectors of the economy. In effect all non-household establishments irrespective of the size and sector of activity, were included in the survey, with the unit of enquiry being the establishments sampled from the sampling frame produced from IBES I.

1.5 Reference Year

The reference year was the calendar year 2013. Reporting on a fiscal year was accepted provided the fiscal year included at least six months of the 2013 calendar year.

1.6 Legislation and confidentiality

The census was conducted under the Statistical Service Law, 1985 (PNDC Law 135), which empowers the Government Statistician to conduct the economic census and allows entry into premises of businesses to ask questions. Provisions have been made in the law to keep all census information confidential. The punishment for breaching this provision by the law is either a fine, imprisonment or both. As a result, all census officers took an oath of secrecy.

1.7 Institutional arrangements

The GSS was the lead implementing institution, but to ensure the desired wider participation and collaboration of the relevant stakeholders whose rich and varied experiences were required for the successful implementation of the exercise, a number of national committees were set up to facilitate the smooth implementation of the IBES. The National Steering Committee (NSC), was chaired by the Minister of Trade and Industry. Other members were the Government Statistician and two other senior officers from Ghana Statistical Service (GSS), the Minister for Finance, Minister for Food and Agriculture, representatives of the National Board for Small Scale Industries (NBSSI), Association of Ghana Industries (AGI), Development Partners, Ministry of Finance (MoF), the Institute of Statistical, Social and Economic Research (ISSER) and the National Development Planning Commission (NDPC).

A Technical Advisory Committee (TAC) chaired by the Government Statistician was also set up with membership from the Ministry of Trade and Industry (MoTI), Ministry of Water Resources, Works and Housing (MWRWH), Ministry of Roads and Transport, Ministry of Food and Agriculture (MoFA), Ghana Employers Association (GEA), Ghana National Chamber of Commerce and Industry (GNCCI), Association of Ghana Industries (AGI), National Insurance Commission (NIC), Private Enterprise Federation (PEF), Minerals Commission, Ghana Tourist Board (GTB), National Communications Authority (NCA) as well as a Representative of the Development Partners.

Additionally, a Project Implementation Team (PIT) was set up in GSS and was responsible for the execution of the census, with a Project Secretariat that provided logistical support to the three national committees.

1.8 Funding

IBES II was partly funded from the Ghana Statistics Development Project (GSDP), from funds provided to the Government of Ghana in the form of a loan as well as a grant by the United Kingdom Department for International Development (DFID) and the Dutch Government, and managed by the World Bank. The Government of Ghana also provided funds directly to GSS to implement the IBES project.

CHAPTER TWO: METHODOLOGY

2.1 Planning preparation

Since this was the first time an economic census was to be conducted in Ghana, the planning and preparatory activities started with a conceptualization of the process and the undertaking of advocacy among stakeholders to solicit ideas and build support for the project. The conceptualization of IBES started in 2011, while preparatory activities for the implementation of IBES Phase II started in 2015.

The preparatory activities started with the setting up of three major committees to oversee the implementation of the project. These committees were: the National Steering Committee, the Technical Advisory Committee and the Project Implementation Committee. Survey instruments were drafted and a review workshop organized to finalize the survey instruments to pave way for the training of trainers' workshop.

During the launch of IBES Phase I reports in Accra in June, 2015, stakeholders and the business community were sensitized on the particular data collection requirements. This was necessary so that respondents would give enumerators the required cooperation during field work. This cooperation was critical to the success of IBES Phase II.

2.2 Principal census documents

Census Questionnaire

Preparations for the questionnaire design which began in 2014 was based on the structure of the 2003 Industrial Census phase II questionnaire with some modifications to cater for establishments in sectors other than industry. Survey instruments were drafted and a review workshop was organized to finalize them to pave the way for the field work.

The data items covered on the final questionnaire were as follows:

- Name of the Establishment;
- Physical Location;
- Contact information (postal address, email address, website address, phone number);
- Form of Organization;
- Type of Legal organization;
- Type of Ownership;
- Employment and Earnings

- Wages and salaries
- Supplements to wages and salaries
- Stocks
- Value of fixed assets
- Quantity and cost of principal materials purchased
- Fuel purchased
- Purchases of inputs and material supplies
- Other Operating costs
- Sales and Other receipts
- Other income

Enumerator's Manual

A field instruction manual for field personnel was prepared alongside the questionnaire. The manual which provided instructions on the questionnaire aimed to ensure consistent application of concepts and procedures throughout the census.

The Project Implementation Team reviewed the project documents including the questionnaire, interviewer's manual and publicity materials to ensure that all the data needs were captured based on the objectives of the survey.

Tabulation Plan

Table summaries of data needed were prepared alongside the questionnaire design. Computer outputs were generated as indicated by the plan.

2.3 Sampling Design

The sampling frame for the IBES Phase II was the Economic Census conducted during Phase I, which provided a type of business register of all establishments. This 2014 Economic Census database includes records for a total of 638,480 business establishments in all economic sectors. A sample of 31,152 establishments was selected from this business register representing about 5 percent of the total number of business establishments in Ghana. This includes 6,014 establishments sampled with certainty, i.e., establishments with 50 or more total persons engaged (TPE).

One of the most important aspects of the sample design for a business establishment survey such as IBES is the stratification of the sampling frame by economic activities and size. The following total persons engaged (TPE) size categories were defined for the stratification: 1 TPE; 2-4 TPEs; 5-9 TPEs; 10-19 TPEs; 20-49 TPEs; ; 50-99 TPEs; 100-499 TPEs; and 500+ TPEs.

Generally, stratification was done along the activities groups and the size classification defined above. For some establishment surveys the smallest size category is 1 to 4 persons engaged. However, since about one-third of the establishments only have one (1) person engaged, and such establishments have a smaller average contribution to the total economic activities, it was decided to treat this category as a separate stratum. Activities of extraterritorial organizations and bodies with ISIC code 9900 were excluded since these establishments are funded by other countries and it would be difficult to obtain financial information. One hundred and one (101) important economic activity domains were identified, which are mostly defined at the two-digit ISIC level, and in a few cases at the 3-digit ISIC level. In the case of ISIC code 9700 (Activities of households as employers of domestic personnel) and 9810 (Undifferentiated goods-producing activities of private houses), there was a total of only 14 establishments in the Phase I frame. These establishments were combined with the economic activity domain “Other personal services activities”.

2.4 Strategy for determining the Sample size and Allocation by Stratum

The sample size for a particular survey such as IBES is determined by the accuracy required for the survey estimates for each domain, as well as by the resource and operational constraints. The accuracy of the survey results depends on both the sampling error, which can be measured through variance estimation, and the non-sampling error, which can only be reduced with appropriate operational and quality control procedures. The sampling error is inversely proportional to the square root of the sample size. On the other hand, the non-sampling error may increase with the sample size, since it is more difficult to control the quality of a larger survey operation. It is therefore, important that the overall sample size be manageable for quality and operational control purposes. Ultimately, the sample size is also limited by the budget, which initially set 40,000 as the maximum number of business establishments that could be considered for the IBES sample. However, by ensuring an efficient stratification and strategic allocation of the sample establishments by stratum, it was possible to obtain a sufficient level of precision by domain with less than the maximum sample size of 40,000 establishments.

The overall strategy for allocating the sample establishments by the TPE size strata across all economic activities was based on a Neyman optimum allocation. The following formula for the Neyman allocation was used for calculating the approximate number of establishments to be allocated to each TPE size stratum:

$$n_h = n \times \frac{N_h \times S_h}{\sum_h N_h \times S_h},$$

where:

n_h = number of sample establishments allocated to TPE size stratum h

n = total sample size allocated to all non-certainty TPE size strata

N_h = total number of establishments in TPE size stratum h

S_h = standard deviation for number of persons engaged per establishment in TPE size stratum h

Neyman's optimum allocation assumes similar costs per interview in each size stratum. It can be seen in this formula that the optimum sample allocation to each stratum depends on the number of establishments in the sampling frame for that stratum, as well as the standard deviation for the variable being measured in the survey. The total number of persons engaged was used for calculating the standard deviation, since most of the survey estimates are correlated with employment, and data for this variable were available in the Phase I frame. It was possible to use data on the number of TPE in each establishment from the sampling frame to calculate the actual standard deviation for each stratum. The Neyman allocation by TPE size category was studied at the national level, in order to determine the initial sampling rates for each stratum. Then these initial sampling rates were adjusted for each region, activity and TPE size stratum based on the distribution of establishments in the frame by stratum.

2.5 Response rate

Non-response leads to an increase in variance as a result of a reduction in the actual size of the sample and the recourse to imputation. This is likely to produce a bias if the non-respondents have characteristics of interest that are different from those of the respondents. Item non-response occurs when a respondent provides some, but not all, of the requested information, or if the reported information is not useable.

IBES II recorded an impressive response rate of 78.2 percent. This implies that, out of the total sample of 31,152 establishments that was surveyed, as many as 24,400 agreed to be part of the survey and provided data, resulting in an element or unit non response rate of about 22 percent. The estimate for the item non-response is yet to be calculated, but from preliminary findings, this is expected to be reasonably very low, if not insignificant.

2.6 Pre-test training of trainers

The questionnaires and other documents were pretested in the Central and Greater Accra regions in August 2015. Based on the evidence of the pre-test, amendments were made to the questionnaires. In addition, the completed questionnaires were edited, coded and sent to the data processing unit to test the data processing procedure.

2.7 Preparation for fieldwork

Recruitment

Advertisements were placed in both print and electronic media for interested applicants to apply to be recruited for the fieldwork. An application form was also posted on the GSS website for interested applicants to download and apply. Interviews were conducted in the regions, after which about 2,000 field personnel were recruited for training.

Training of Trainers

The Training of Trainers workshop was held at Winneba in September 2015. A group of trainers consisting of officers from the ten (10) regional offices of GSS and PIT members were trained at Winneba. The Trainers were trained on the nine (9) questionnaires and also assisted with the review of the questionnaires.

Training of field personnel

The training of field personnel took place from October 17 to November 8, 2015 in all the regional capitals. Field personnel were trained on the survey instruments and briefed on the purpose and background of IBES to aid effective data collection. The survey instruments included the nine questionnaires, interviewer's manual and training guide. Lectures were supplemented with practical sessions, demonstrations and participants' involvement in mock interviews. Trainees who passed the written examination, and who also performed satisfactorily under observations were selected to take part in the field data collection. Training of enumerators and supervisors was carried out by the Project Implementation Team (PIT) members and other senior staff of GSS.

Publicity

In order to sensitize the general public and establishments on the IBES phase II, a publicity programme was drawn up. A 60 seconds audio piece was produced in five Ghanaian languages, and was played on radio stations. In addition to the use of radio and TV, T-shirts were provided to field personnel to serve a two-fold purpose: first to publicise the IBES and also as a form of identification of the field staff.

2.8 Field operations

Field data collection

The fieldwork for the IBES phase II started on November 11, 2015 and ended on February 28 2016. About 1,800 field workers made up of enumerators, supervisors, zonal coordinators, monitors, regional statisticians, and other field support staff were deployed to collect information from all the sampled establishments. The work of the enumerators was supervised by field supervisors and zonal coordinators. The reference period for data collection was 2013.

As part of efforts to achieve the desired objectives of the IBES phase II, a nationwide monitoring of the data collection was carried out on the field. The objective of the monitoring was to gather information on the fieldwork, which includes challenges of non-response, logistics, etc. The monitoring was also intended to allow the Project Implementation Team (PIT) to visit some of the districts to ascertain the quality of the data collected and also find out whether the field personnel were completing the questionnaires correctly. During such visits, the field monitors were accompanied by the Regional Statisticians (RSs). The field monitors also used the opportunity of the visits to interact with the field teams and the RSs to correct any misunderstanding they had regarding the usage of any of the survey instruments. Problems that were peculiar to a region were addressed during the monitoring exercise where necessary, and passed on to the other regions.

Additionally, a critical assignment of the monitoring team was to solve all outstanding challenges regarding respondents refusal to participate in the survey, and this facilitated smooth data collection. The effective implementation of the field work resulted in the high response rate recorded for the survey.

Field editing

Editing is an essential feature of fieldwork. Supervisors edited the completed questionnaires and corrected any errors that were detected. Supervisors also checked the completed questionnaires for completeness, consistency as well as accuracy before sending them to the zonal coordinators to be forwarded to the regional offices.

2.9 Data processing

Data processing involves data capture, verification, editing, coding of completed questionnaires and generation of tables.

Office editing and coding

The purpose of the office editing was to check the questionnaires for completeness, accuracy and consistency before the data was captured. Editors checked spelling of establishments' information and principal activity to ensure that the "*Persons*

Engaged'' data was accurate. Also, they assigned codes to products and principal activities, checked employees' wages and salaries data, output and input values, stock and delivery cost.

Problems that the editors came across were mostly associated with the coding of products and materials, where the names were described incorrectly, computation of depreciation of fixed assets and inconsistent data on stock. Also, some employees listed without corresponding wages and salaries or vice versa, value of inputs greater than output value, output values too high compared to inputs and total delivered cost given without quantity and average unit prices. Some of the small and micro firms had inconsistent data on depreciation of fixed assets and stock. In all these cases, the editors had to call the respondents for clarification and the questionnaire subsequently corrected before it was forwarded for data entry. In some other cases, editors had to call the enumerator to re-visit the respondent for review and correction.

Less than one percent (0.5) of the questionnaires were set aside during editing and coding for a decision on how they should be treated during data processing. Determination on these questionnaires was made by senior reviewers who were supervising the editing. Once a decision was made on one type of problem, it was applied to all similar problems.

Data capturing verification

Data was captured by data entry personnel at the GSS head office. CSPro software version 6.2 was used to capture the data, after the editing teams had checked for consistency in the questionnaires. An error-checking program was run through data capturing to correct data entry errors. Establishment data was verified by double data entry after which the files were listed for checking. Verification was done, and records with errors were amended and listed again for further checking.

Data cleaning

Cleaning of data is important since errors can occur during data collection, data entry ,and editing. Aside the editing that was supposed to check the errors when the data was completely entered into the system, there was the need to clean the errors which was a likely event. When errors were identified statistically, the cleaning team referred to the questionnaire for verification first, after which they called the firm if necessary for clarification and where possible correction. In very rear cases, imputations were done when it was very obvious that there is an error, but could be attributed to any of the two processes adduced above.

Cleaning of the data was done independently for the nine questionnaires since the instruments had different structures. However, the same principle was applied to all the instruments. Cleaning was done at both micro and macro levels, with a team from the Norwegian Statistical Office providing technical support. The micro level cleaning which involved cleaning at

the establishment level preceded the macro level cleaning that involved cleaning based on consistencies in the aggregated data, which were mostly in the tables.

During the micro level cleaning, statistical tools such as confidence interval, ratios, mean, and median among others were employed to avoid bias based judgement. This was done to ensure that the data to a large extent were consistent with statistics within the stratum in which the establishments belonged, as each establishment was stratified during the cleaning into homogenous groupings based on size of the establishments, the region, and the activity classified by ISIC. At the macro level cleaning, inconsistencies in the tables generated led to a re-visit of the micro data to verify the error, and possibly employ the necessary procedures as spelt out above to correct them. Generally, cleaning was done for an average of less than 7 percent of data for some establishments. Invariably, more than 93 percent of data did not experience any form of cleaning both at micro and macro level.

Tabulation and publication

Stata software Version 12 was used to produce the working tables for tabulation review after the data files were merged. For the review, averages of variables as well as key ratios were calculated and listed for each of the sectors and sub-sectors. Establishments with outliers were singled out for further review. The errors detected were corrected. The correction involved adjusting values of some establishments or field referrals for further investigation.

Original establishment weights were adjusted using information on the status of record for each establishment covered. The adjusted weights were appended to the establishment records and final tables prepared for report writing and Publication.

The IBES establishment lists output tables was reviewed to make sure majority of the large establishments were covered. The review process took longer than planned due to late responses from some establishments.

The tables were reviewed to check for coherence and consistency. After the data processing was completed and queries as well as inconsistencies resolved, the data was released for further analysis and publication.

CHAPTER THREE: BUSINESSES IN INSTITUTIONAL AGRICULTURE

SECTOR

3.1 Introduction

This section discusses activities of establishments in Institutional Agriculture. The trading accounts of Institutional Agriculture are first discussed, after which purchases and operating costs and the assets structure of the establishments are examined.

3.2 Trading account of the Institutional Agriculture

The trading account of Institutional Agriculture establishments is presented in Table 3.1. The trading account consists of the revenue, cost of goods sold, input costs and the gross profit of the establishments.

The entire revenue of establishments engaged in Institutional Agriculture was GH¢5.47 billion, constituting a share of 1.2 percent of total revenue generated in the whole economy. The cost of goods sold by Institutional Agriculture establishments was GH¢2.1 billion, generating a gross profit of GH¢3.37 billion. The crop and animal production, hunting and related service activities is the largest contributor (94.2%) to the revenue of the Institutional Agriculture sector, generating GH¢ 5.16 billion. The cost of goods sold by this sub-sector is GH¢ 2.03 billion with a resulting gross profit of GH¢3.12 billion; accounting for 92.6 percent of the gross profit of establishments within the Institutional Agriculture sector. The contribution of the remaining two subsectors within the sector put together in terms of revenue is a little below 6 percent while that of gross profit is 7.4 percent.

Table 3.1: Trading Account of the Institutional Agriculture Sector

	Revenue GH¢	Cost of Goods Sold	Input Cost GH¢	Gross Profit GH¢
<i>All Sectors - National</i>	<i>456,995,817,643</i>	<i>156,067,708,114</i>	<i>153,836,888,724</i>	<i>300,928,111,365</i>
<i>Agriculture, forestry and fishing</i>	<i>5,478,752,350</i>	<i>2,104,020,445</i>	<i>2,047,225,559</i>	<i>3,374,731,905</i>
Crop and animal production, hunting and related service activities	5,162,575,474	2,038,370,779	1,995,162,195	3,124,204,686
Forestry and logging	9,292,546	2,854,339	1,637,750	6,438,208
Fishing and aquaculture	306,884,331	62,795,327	50,425,614	244,089,011

3.3 Trading account of the Institutional Agriculture by region

The regional distribution of the trading accounts of Institutional Agriculture is presented in Table 3.2. Establishments in the Ashanti Region posted the highest revenue of GH¢1.66 billion (30.5%), followed by the Western Region with GH¢1.49 billion (27.3%) and the Northern Region with GH¢1.27 billion (23.4%). The least revenue was recorded for the Upper East region, generating GH¢1.8 million (0.03%) and posting a gross profit of GH¢797,426 (0.02%). In terms of the cost of goods sold, Northern Region recorded the highest of GH¢971 million (45%). Institutional Agriculture establishments in the Ashanti Region made the highest gross profit of GH¢1.26 billion (38.2%) compared to the other regions.

Table 3.2: Trading Account of Institutional Agriculture Sector by Region

Region	Revenue GH¢	Cost of Goods Sold	Input Cost GH¢	Gross Profit GH¢
Western	1,525,128,522	332,143,861	330,156,069	1,192,984,658
Central	60,741,626	15,222,270	15,313,074	45,519,363
Greater Accra	555,748,814	209,196,008	195,635,511	346,552,811
Volta	41,992,281	20,256,525	20,569,301	21,735,761
Eastern	108,700,476	35,689,089	35,488,935	73,011,389
Ashanti	1,657,080,704	391,751,133	378,250,507	1,265,329,550
Brong Ahafo	251,542,217	125,985,580	126,760,219	125,556,638
Northern	1,273,067,897	971,088,754	942,436,465	301,979,148
Upper East	1,745,780	953,063	996,730	792,718
Upper West	3,004,031	1,734,162	1,618,746	1,269,868

3.4 Purchases and Other Operating Cost of the Institutional Agriculture by region

The regional distribution of purchases and operating costs of Institutional Agriculture establishments is presented in Table 3.3. Institutional Agriculture establishments in the Northern Region recorded the highest purchases and operating cost of GH¢975,622,126 followed by Ashanti Region (GH¢402,386,630) and then Greater Region (GH¢387,935,956). A higher proportion of these purchases and operating cost emanated from expenditure on materials and supplies, goods purchased for resale and fuel purchases. The total purchases and operating cost of Institutional Agriculture establishments in the Upper East Region (GH¢1,099,552), is the least among the regions.

Table 3.3: Purchases and Other Operating Cost of the Agriculture Sector by Region

Region	Total GH¢	Material and supplies, GH¢	Goods purchased for resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other purchases GH¢	Other operating costs GH¢
Western	478,944,643	444,093,226	24,206,704	2,539,748	231,786	18,387	0	7,854,792
Central	19,320,321	15,313,074	402,207	1,063,907	147,332	112,062	0	2,281,739
G. Accra	387,935,955	195,635,510	59,727	76,490,426	2,028,253	789,587	16,782	112,915,670
Volta	30,514,744	20,569,298	1,552,427	1,832,804	776,691	69,066	0	5,714,458
Eastern	60,079,655	35,488,935	3,567,281	15,375,969	773,454	160,957	2,800	4,710,259
Ashanti	403,490,924	378,250,615	677,845	5,658,765	1,589,959	511,767	1,516,859	15,285,114
Brong Ahafo	144,862,725	126,164,516	794,897	5,771,698	990,899	331,330	18,943	10,790,442
Northern	975,594,484	942,407,483	28,783,281	464,760	45,225	31,984	0	3,861,751
Upper East	1,103,679	996,854	0	18,180	7,583	1,010	4,300	75,752
Upper West	4,375,233	1,618,746	2,377,000	135,752	11,190	9,512	0	223,033

3.5 Purchases and other operating cost of Institutional Agriculture by size

Institutional Agriculture establishments which are medium in size spent more in terms of purchases and operating cost compared to the other establishment size categories in the sector. The medium sized Institutional Agriculture establishments spent GH¢1,118,203,377 representing 46.8 percent of total purchases and operating costs. Micro sized establishment spent about 23.0 percent of the total purchases and operating costs while small sized spent 19.3 percent. Large sized Institutional Agriculture establishments spent 11.3 percent of the total purchases and operating costs (Table 3.4).

Table 3.4: Purchases and other operating cost by LMSM

	TOTAL GH¢	Material and supplies, GH¢	Goods purchased for resale Ghc	Fuel purchased GH¢	Electricity purchased Gh¢	Water purchased Gh¢	Other purchases (Ghc)	Other operating costs GH¢
ALL SECTORS NATIONAL	5,012,444,729	4,321,076,512	124,842,739	218,704,019	13,204,746	4,071,325	3,119,368	327,426,020
AGRICULTURE	2,506,222,364	2,160,538,256	62,421,370	109,352,009	6,602,373	2,035,662	1,559,684	163,713,010
Micro Establishment	654,976,819	615,855,446	24,782,834	810,944	790,591	576,763	16,782	12,143,459
Small Establishment	461,849,078	421,157,791	3,033,074	13,641,965	2,011,064	1,159,411	908,068	19,937,705
Medium Establishment	1,118,203,377	1,015,979,824	32,255,461	24,078,534	1,459,395	96,264	2,300	44,331,599
Large Establishment	271,193,091	107,545,195	2,350,000	70,820,567	2,341,323	203,225	632,534	87,300,247

3.6 Compensation of employees in the Institutional Agriculture sector

Compensation of employees looks at what establishments spend on their employees in terms of wages and salaries, social security and other supplementary payments to wages and salaries.

Within the Institutional Agriculture sector, about 94 percent of the establishments are into crop and animal production, hunting and related service activities with 51,155 persons engaged. Almost 94 percent (41,635) of employees within the sector are also employed by the crop and animal production, hunting and related service activities subsector compared to 4.6 percent (2,059) employees in the Fishing and aquaculture sub-sector. However, employees in the Fishing and aquaculture sub-sector receive almost half (GH¢45,192,510) of the total wages and salaries received by employees in the crop and animal production, hunting and related service activities sub-sector (GH¢97,080,321). Employees in the crop and animal production, hunting and related service activities subsector contribute 62.1 percent of social security in the sector compared to 36.1 percent contributed by employees in the Fishing and aquaculture sub-sector.

Table 3.5: Compensation of employees in the Institutional Agriculture

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (CASH AND IN-KIND) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)
Agriculture, forestry and fishing	54,267	44,333	144,384,622	8,400,790	4,208,197
Crop and animal production, hunting and related service activities	51,155	41,635	97,080,321	5,219,712	2,570,214
Forestry and logging	697	639	2,111,791	152,164	3,415
Fishing and aquaculture	2,415	2,059	45,192,510	3,028,914	1,634,568

3.7 Compensation of employees in the Institutional Agriculture sector by region

The regional distribution of the number of persons engaged, number of employees and compensation of employees is presented in Table 3.6. From the Table, Western region which has the highest number of establishments (708 or 23.3%) engages more persons (17,305 or 31.9%) and has more employees (16,683 or 37.6%) relative to the other regions. However, in terms of wages and salaries, employees in Greater Accra and Ashanti regions receive more than those in the Western Region. Out of a total of GH¢8,400,790 paid as social security by all Institutional Agriculture establishments in the country, about 52 percent (GH¢4,355,331) was by establishments in Greater Accra region. Moreover, 67.2 percent (GH¢2,826,280) of the total amount paid as supplement to wages and salaries was to employees of Institutional Agriculture establishments in the Greater Accra region.

Table 3.6: Compensation of employees in Institutional Agriculture by Region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (CASH AND IN-KIND) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
National	54,267	44,333	144,384,622	8,400,790	4,208,197	3,033
Western	17,305	16,683	19,892,759	1,020,778	722,833	708
Central	3,154	2,731	7,823,712	629,885	66,302	153
Greater Accra	6,036	5,738	68,057,811	4,355,331	2,826,280	241
Volta	3,737	2,065	5,858,207	355,470	31,876	232
Eastern	5,818	2,653	6,801,436	361,245	170,692	325
Ashanti	10,549	9,230	24,722,104	1,156,311	18,686	549
Brong Ahafo	4,636	3,189	8,019,949	315,351	225,913	575
Northern	2,228	1,643	2,565,764	174,126	107,533	202
Upper East	305	131	389,940	17,550	13,818	20
Upper West	499	271	252,940	14,743	24,264	30

3.8 Compensation of employees in the Institutional Agriculture sector by size

Table 3.7 presents information on number of persons engaged and compensation of employees by size of establishment category: Large, Medium, Small and Micro (LMSM). Large establishments engaged more persons (51.9%) and employees (64.4%) than all other Institutional Agriculture establishment size categories. Consequently, in terms of wages and salaries paid in the Institutional Agriculture sector, large Institutional Agriculture establishments contributed 40.3 percent compared with 31 percent and 26 percent respectively, paid by the medium and small sized establishments. The total number of employees (10,191) in small-sized Institutional Agriculture businesses is more than twice the employees in medium-sized Institutional Agriculture businesses (4,981). However, the latter paid more wages and salaries (GH¢44,320,418) and social security (GH¢3,815,808) than the small sized Institutional Agriculture businesses.

Large-sized Institutional Agriculture establishments involved in the crop and animal production, hunting and related service activities sub-sector had the largest share in terms of persons engaged (53.1%), number of employees (62.3%), wages and salaries (45.8%) and social security contributions (51.9%).

Within the Forestry and logging sub-sector, the small-sized Institutional Agriculture establishments dominate in terms of persons engaged (56%), number of employees (56%), wages and salaries (94%) and social security (98%).

Even though there are more persons engaged (38.1%) as well as employees (41.3%) in small-sized Institutional Agriculture establishments within the Fishing and aquaculture sub-sector, they contribute less (4%) to the sub-sector's wages and salaries

and social security contributions (3%). Medium-sized establishments within the sub-sector contribute 66 percent and 90 percent respectively to the sub-sector's wages and salaries and social security.

Table 3.7: Compensation of employees in the Institutional Agriculture by size

ISIC Group	Person Engaged		Employees		Wages & Salaries		Social Security		Other Supplements to Wages and Salaries GH¢
	Number	%	Number	%	Amount (Cash/in-kind - GH¢)	%	Amount (GH¢)	%	
Agriculture, Forestry and Fishing	54,267	100	44,333	100.0	144,384,622	100.0	8,400,790	100.0	4,208,197
Large-Sized Businesses	27,145	51.9	26,761	64.4	58,194,773	40.3	2,933,155	34.9	1,938,337
Medium-Sized Businesses	6,532	12.0	4,981	11.2	44,320,418	30.7	3,813,808	45.4	572,680
Small-Sized Businesses	14,615	26.9	10,191	23.0	36,902,462	25.6	1,597,711	19.0	844,278
Micro-Sized Businesses	4,975	9.2	2,400	5.4	4,966,970	3.4	54,115	0.6	852,903
Crop and Animal Production, Hunting and related service activities	51,155	100	41,635	100	97,080,321	100	5,219,712	100.0	2,570,214
Large-Sized Businesses	27,179	53.1	25,935	62.3	44,501,860	45.8	2,710,769	51.9	743,167
Medium-Sized Businesses	5,935	11.6	4,445	10.7	14,514,788	15.0	1,093,036	20.9	135,552
Small-Sized Businesses	13,306	26.0	8,980	21.6	33,272,125	34.3	1,361,839	26.1	839,003
Micro-Sized Businesses	4,735	9.3	2,275	5.5	4,791,547	4.9	54,067	1.0	852,493
Forestry and Logging	697	100	639	100	2,111,791	100	152,164	100.0	3,415
Large-Sized Businesses	252	36.2	252	39.4	81,891	3.9	0.0	0.0	0.0
Medium-Sized Businesses	33	4.7	21	3.3	30,180	1.4	3,398	2.2	1,000
Small-Sized Businesses	389	55.8	361	56.5	1,990,600	94.3	148,718	97.7	2,415
Micro-Sized Businesses	23	3.3	5.0	0.8	9,120	0.4	48	0.0	0.00
Fishing and Aquaculture	2,415	100	2,059	100	45,192,510	100	3,028,914	100.0	1,634,568
Large-Sized Businesses	714	29.6	574	27.9	13,611,022	30.1	222,386	7.3	1,195,170
Medium-Sized Businesses	565	23.4	515	25.0	29,775,450	65.9	2,719,374	98.8	436,128
Small-Sized Businesses	920	38.1	851	41.3	1,639,736	3.6	87,154	2.9	2,860
Micro-Sized Businesses	217	9.0	120	5.8	166,302	0.368	0.0	0.0	410

3.9 Receipts of the Institutional Agriculture by region

The distribution of receipts of Institutional Agriculture establishments across regions is shown in Table 3.8. Establishments in three regions, Ashanti, Western and Northern, together account for 81 percent of total receipts by all establishments in the sector (GH¢5,795,884,188). Institutional Agriculture establishments in Ashanti region generated total receipts of GH¢1.94 billion (33.6%) while GH¢1.52 billion (26.0%) and GH¢1.27billion (21.4 %) was made in Western and Northern regions respectively.

In all regions, agricultural products from activities of the crops and animal production, hunting and related service sub-sector contributed the largest share of the total receipts in Institutional Agriculture.

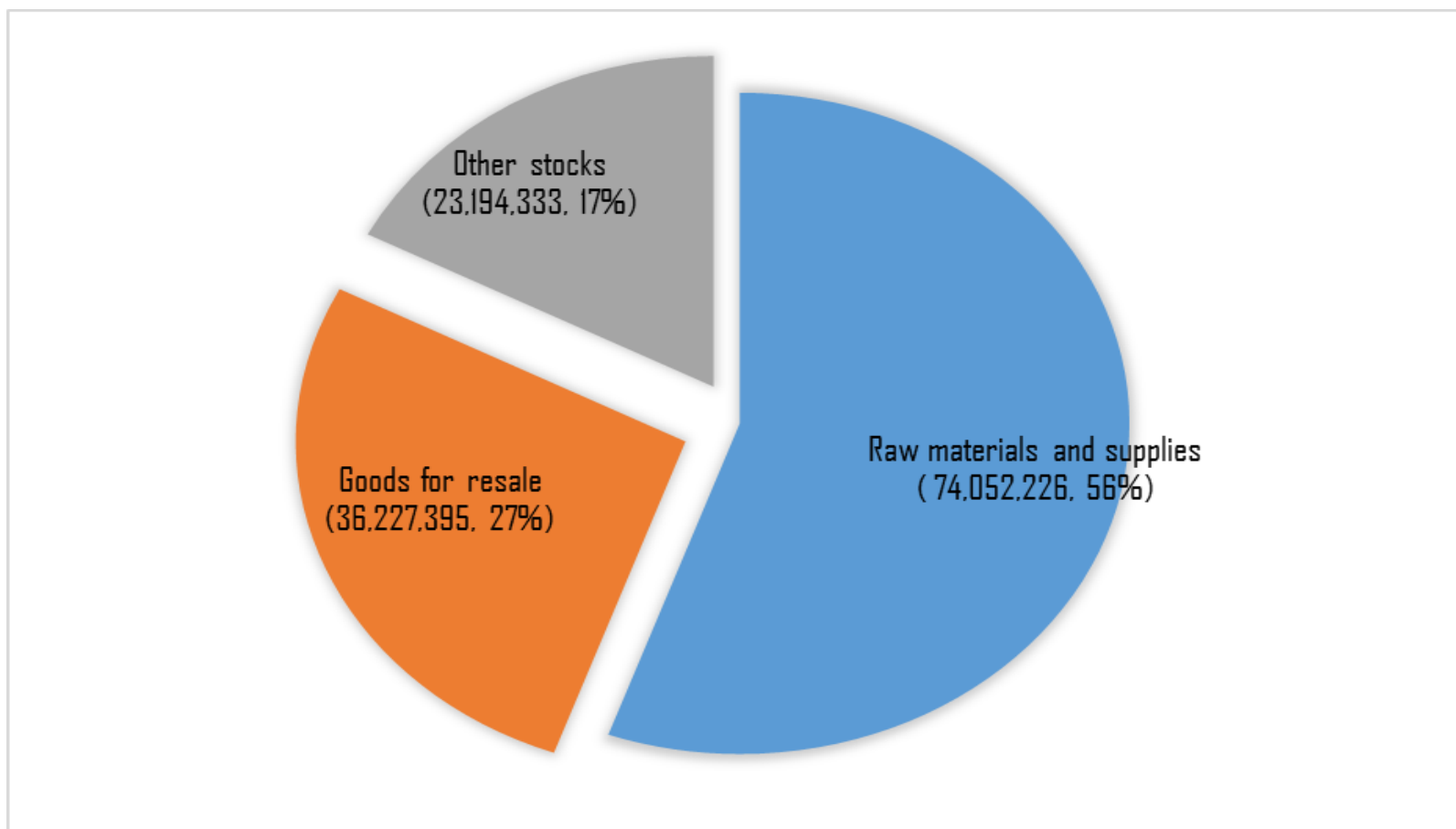
Table 3.8: Distribution of receipts of the Institutional Agriculture by region

Region	Total (GH¢)	Receipts of Agricultural Products (GH¢)	Receipts from non-agriculture activities (Gh¢)	Receipts for Goods Purchased for resale (GH¢)	Own Consumption (GH¢)	Subsidies (GH¢)
Western	1,518,243,155	1,486,300,888	1,391,930	30,030,000	103,607	416,730
Central	65,065,099	61,218,566	2,952,659	451,950	27,729	414,195
Greater Accra	571,201,112	566,000,986	5,106,076	38,727	48,716	6,607
Volta	42,807,628	42,179,761	541,435	52,640	32,588	1,204
Eastern	109,997,133	109,045,392	591,670	24,000	175,349	160,722
Ashanti	1,944,866,176	1,920,459,021	22,883,081	280,714	1,211,351	32,009
Brong Ahafo	261,617,524	253,008,344	2,425,841	524,469	787,889	4,870,981
Northern	1,274,182,486	1,273,227,551	513,210	339,132	87,413	15,180
Upper East	1,777,593	1,761,233	250	0	12,390	3,720
Upper West	6,126,282	3,094,508	2,994,619	0	11,155	26,000
Total	5,795,884,188	5,716,296,250	39,400,771	31,741,632	2,498,187	5,947,348

3.10 Inventories of businesses in the Institutional Agriculture sector

This section presents information on the stocks and inventory levels of establishments in Institutional Agriculture sector. Figure 3.1 shows that raw materials constitute more than half (55.5%) of the total value of stocks that establishments in Institutional Agriculture had at the beginning of the 2013 financial year. The Figure further reveals that 27.1 percent of the total value of stocks at the beginning of the financial year was in the form of goods purchased for resale.

Figure 3.1: Value of stocks at the beginning of the year in the Agriculture sector



The type and proportions of stocks in Institutional Agriculture sector attributable to raw materials and supplies and goods for resale are relative to the size of the establishments. From Figure 3.2, raw materials and supplies constituted more than two-thirds of the amount of stocks for both large-sized and medium-sized establishments, but less than half (46.8%) in the case of small-sized establishments. On the other hand, smaller-sized establishments in this sector were mainly engaged in wholesale and retail trade as majority of the stocks at the beginning of 2013 financial year were goods meant for resale. The proportion of the amount of stocks held by micro-sized establishments in the form of goods purchased for resale (76.8%) at the beginning of the 2013 financial year is higher relative to those of small-sized and medium-sized establishments (41.7% and 12.6% respectively).

Figure 3.2: Value of stocks at the beginning of the year in the Agriculture sector by size

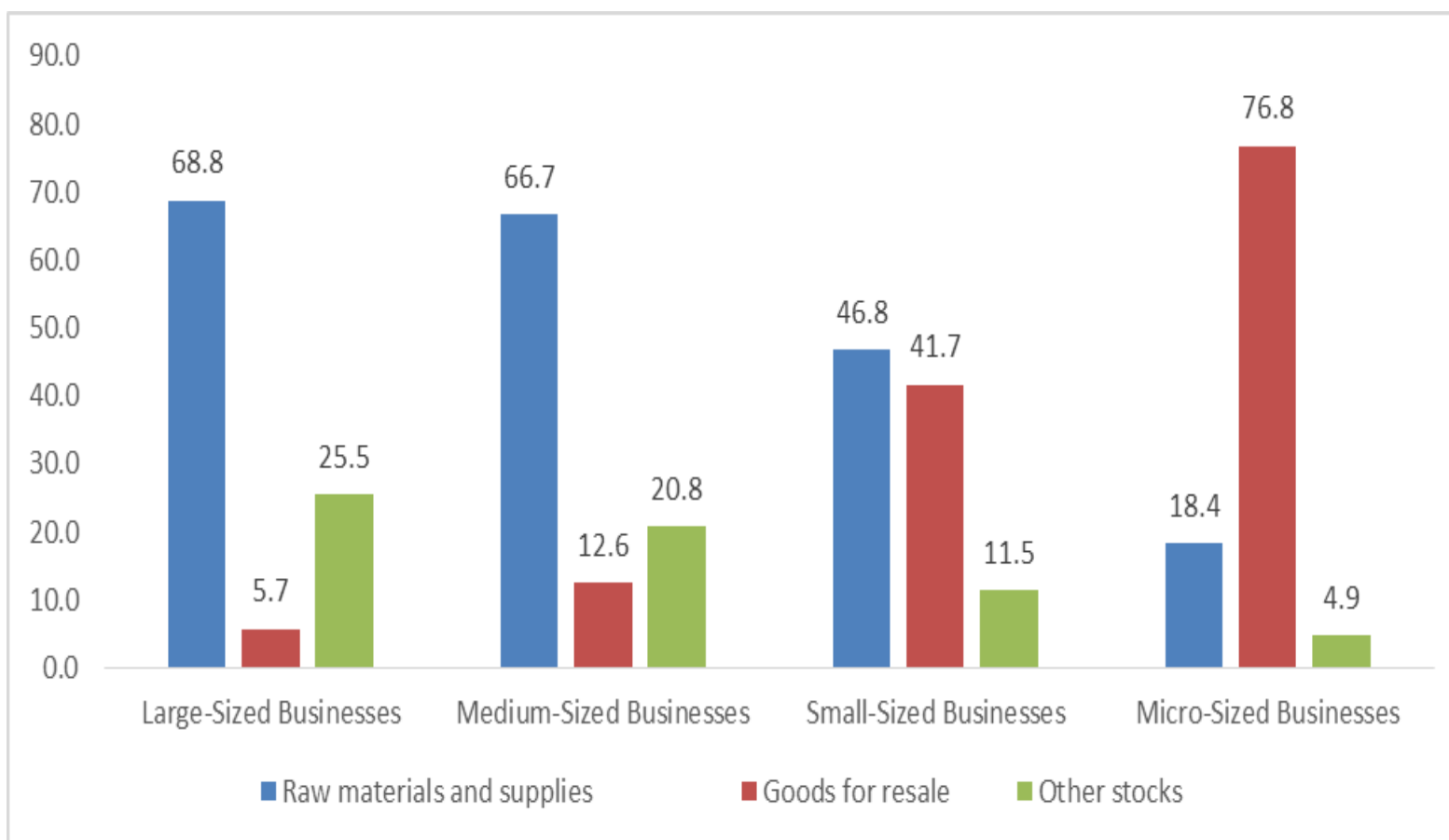


Table 3.9 presents the value of stocks at the beginning of the 2013 financial year by the subsectors in Institutional Agriculture. The crop and animal production, hunting and related service activities sub-sector recorded the highest value (GH¢36.9 million) of raw materials and supplies as stocks at the beginning of the year. Forestry and logging sub-sector recorded the least amount (GH¢2,466,565) of raw materials and supplies as stocks at the beginning of the financial year.

Establishments classified as small-sized in the crop and animal production, hunting and related service activities sub-sector recorded GH¢24,236,496 in raw materials as stocks at the beginning of the 2013 financial year. Micro-sized businesses operating in the fishing and aquaculture sub-sector recorded a relatively lower value (GH¢22,240) as raw materials at the beginning of the financial year.

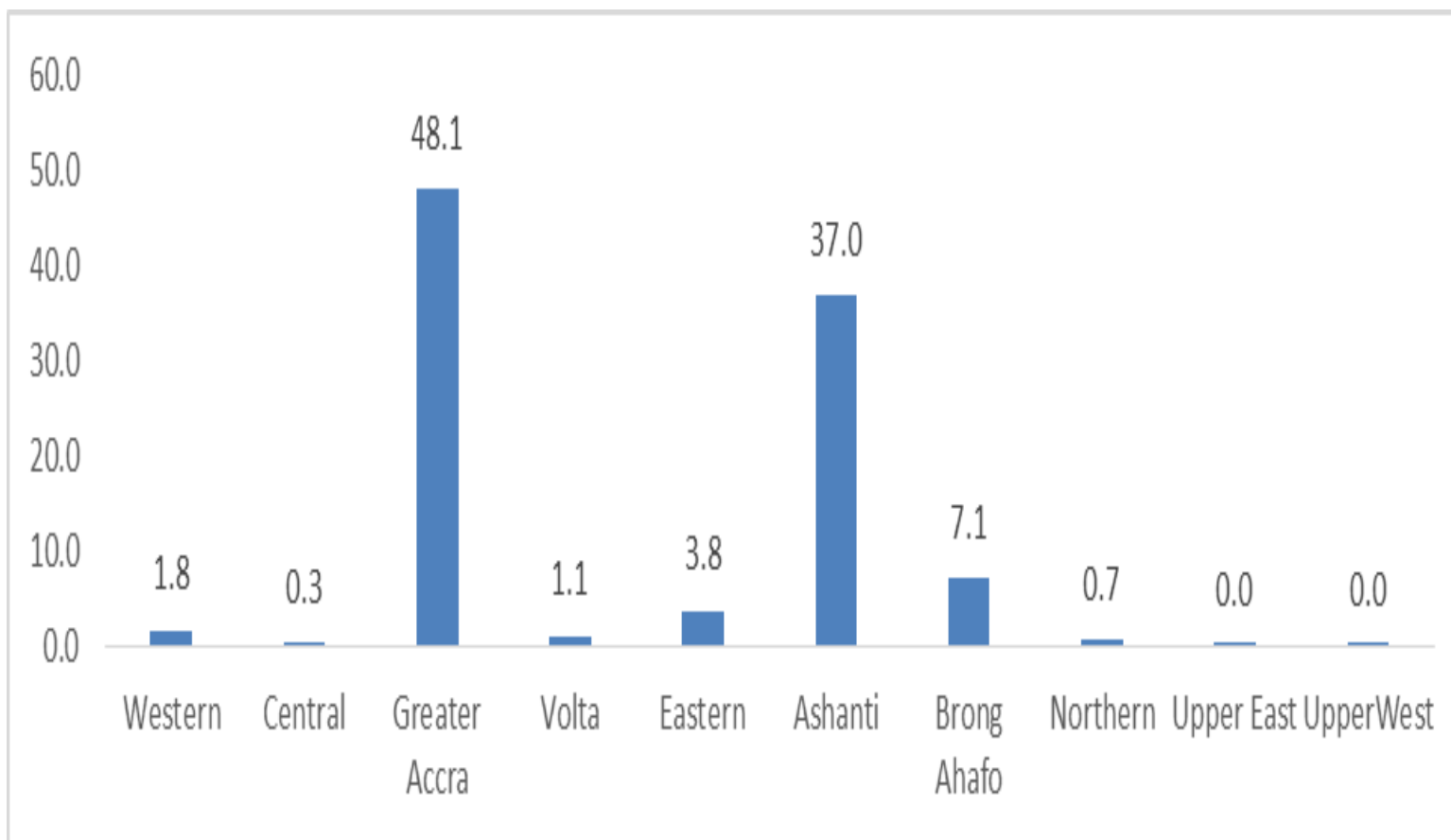
Table 3.9: Value of stocks at beginning of year in the Agriculture sector by size

Agriculture sector /LMSM	Value of stocks at beginning of year (GH¢)		
	Raw materials and supplies	Goods for resale	Other stocks
National			
Crop and animal production, hunting and related service activities	36,882,684	36,150,835	23,165,917
Large-Sized Businesses	5,536,149	2,892,471	12,867,048
Medium-Sized Businesses	5,544,429	1,861,748	3,072,787
Small-Sized Businesses	24,236,496	24,708,920	6,806,639
Micro-Sized Businesses	1,565,611	6,687,696	419,443
Forestry and logging	2,466,565	6,000	20,696
Large-Sized Businesses	5,529	0	0
Medium-Sized Businesses	0	0	5,000
Small-Sized Businesses	2,443,230	0	10,896
Micro-Sized Businesses	17,806	6,000	4,800
Fishing and aquaculture	34,702,977	70,560	7,720
Large-Sized Businesses	29,206,824	0	0
Medium-Sized Businesses	4,345,144	0	0
Small-Sized Businesses	1,128,769	53,593	7,600
Micro-Sized Businesses	22,240	16,967	120

3.11 Value of stocks of raw materials at the beginning of the year by region

Greater Accra and Ashanti regions had high proportions of the value of raw materials as stocks at the beginning of the year (48.1% and 37.0% respectively) as shown in Figure 3.3. Compared to the remaining regions, Upper East and Upper West regions virtually had no raw materials as stocks at the beginning of the 2013 financial year.

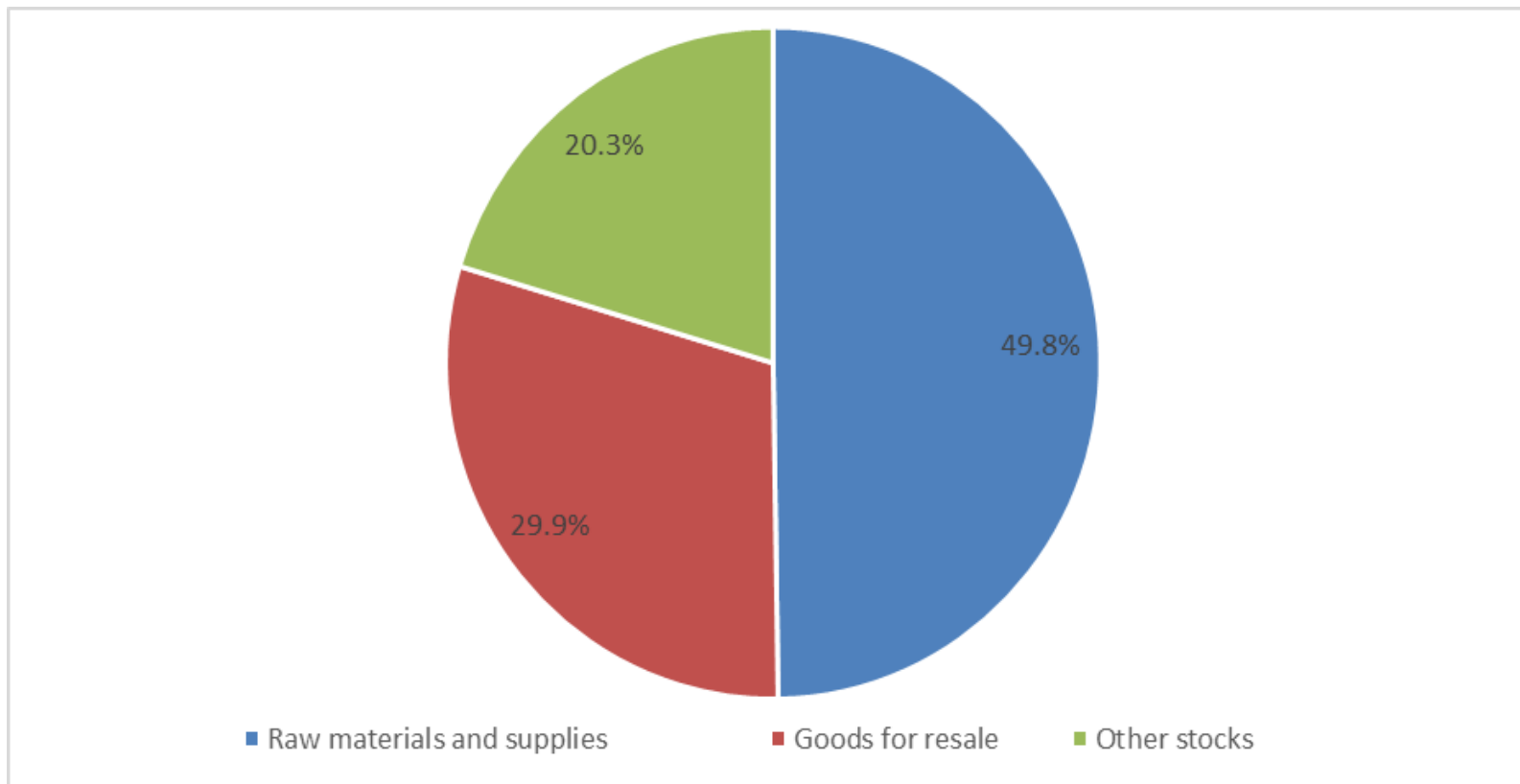
Figure 3.3: Value of raw materials (used as stocks at the beginning of the year) by Region



3.12 Value of stocks at the end year in the Agriculture sector

Raw materials and supplies, and other goods and materials that are not used up during production for a particular financial year are recorded as stocks at the end of the year. At the end of the 2013 financial year, raw materials that had not been used accounted for 49.8 percent of the closing stocks of establishments in Institutional Agriculture (Figure 3.4).

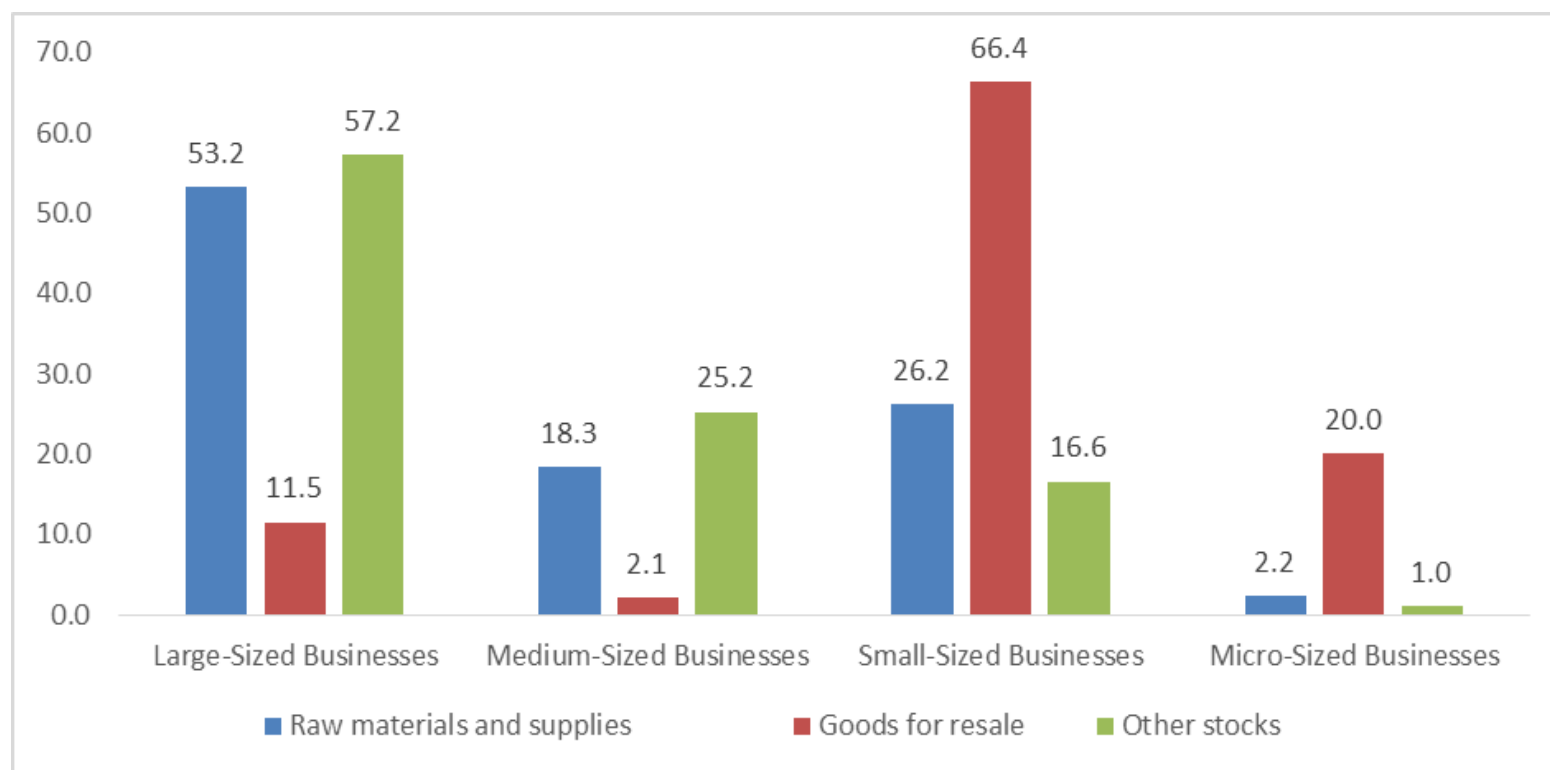
Figure 3.4: Value of stocks at the end of the year 2013



3.13 Value of stocks at the end of the year in the Agriculture sector by size

The value of stocks at the end of the financial year and the size categorization of establishments in Institutional Agriculture is presented in Figure 3.5. More than half (53.2%) of raw materials and supplies kept as stocks by all establishments in Agriculture at the end of the financial year was accounted for by large-sized establishments. On the other hand, 66.4 percent of stocks that were goods purchased for resale was recorded for small-sized establishments. Although the micro-sized establishments recorded about 77.0 percent of goods purchased for resale as stocks at the beginning of the year, the closing stocks for goods purchased for resale by the micro-sized establishments was 20.0 percent at the end of the financial year.

Figure 3.5: Value of stocks at end of year in the Agriculture sector by size



The crop and animal production, hunting and related service activities sub-group recorded the highest value of raw materials and supplies as stocks (GH¢34,669,127.00) at the end of the financial year (Table 3.10).

Table 3.10 : Value of stocks at end of year in the Agriculture sector by size

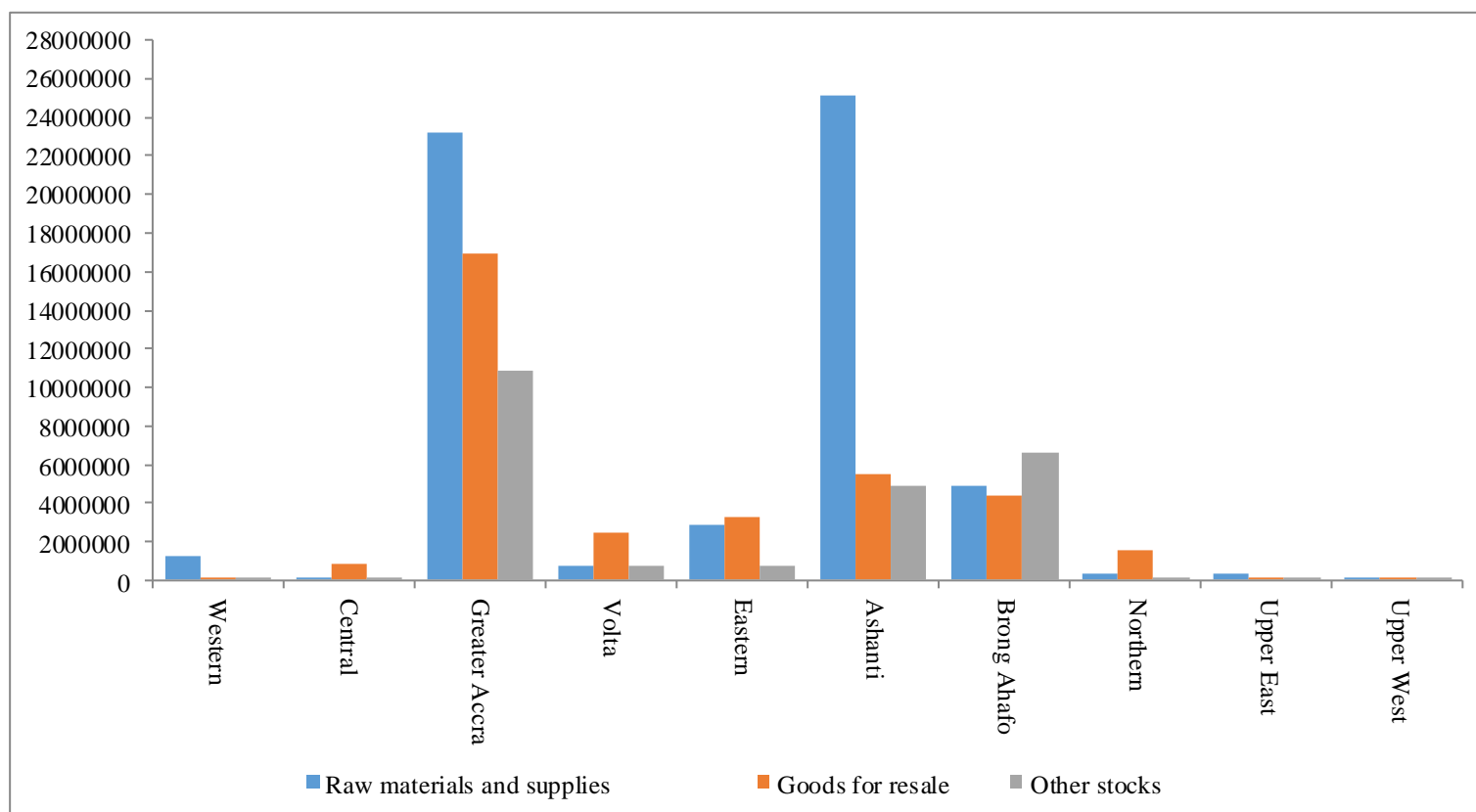
Agriculture sector /LMSM	Value of stocks at end of year (GH¢)		
	Raw materials and supplies	Goods for resale	Other stocks
Crop and animal production, hunting and related service activities	34,669,127	35,266,591	24,020,284
Large-Sized Businesses	15,041,002	4,059,085	13,763,313
Medium-Sized Businesses	5,374,138	734,779	6,062,515
Small-Sized Businesses	12,959,822	23,422,764	3,962,221
Micro-Sized Businesses	1,294,165	7,049,963	232,235
Forestry and logging	1,196,186	500	20,700
Large-Sized Businesses	0	0	0
Medium-Sized Businesses	0	0	2,000
Small-Sized Businesses	1,191,886	0	16,500
Micro-Sized Businesses	4,300	500	2,200
Fishing and aquaculture	22,934,891	57,711	920
Large-Sized Businesses	16,241,193	0	0
Medium-Sized Businesses	5,395,116	0	0
Small-Sized Businesses	1,280,350	42,441	800
Micro-Sized Businesses	18,232	15,270	120

The least inventory in the form of raw materials and supplies was recorded by the forestry and logging sub-sector (GH¢1,196,186.00). The small-sized establishments operating in the crop and animal production, hunting and related service activities sub-sector recorded the highest value of goods purchased for resale (Gh¢23,422,764.00) at the end of the financial year. In the fishing and aquaculture sub-sector, large-sized establishments recorded GH¢16.2 million worth of raw materials and supplies as stocks at the end of the financial year.

3.14 Value of stocks at end of year in the Agriculture sector by region

Establishments in the Agriculture sector in the Ashanti Region recorded 42.6 percent of the total value of raw materials and supplies recorded as stocks at the end of the financial year (Figure 3.6). The Figure shows that establishments in Greater Accra region recorded 47.9 percent of the total value of goods purchased for resale and the highest value of other stocks at the end of the financial year (45.1%).

Figure 3.6: Value of stocks at end of year in the Agriculture sector by region



3.15 Gross addition to fixed assets in the Agriculture sector

This section presents information on gross addition to Fixed Assets held by establishments in Institutional Agriculture and disposal of Fixed Assets. Fixed Assets are held for the purpose of producing goods or providing services. Figure 3.7 presents information on the gross addition to fixed assets by establishments in Institutional Agriculture. It shows Other Tangible Assets, and Machinery and other Equipment accounted for 83.1 percent of the total value of fixed assets acquired in 2013 by establishments in Institutional Agriculture. This implies that more than half of the total value of money spent in the gross acquisition of fixed assets was spent in acquiring Other Tangible Assets and Machinery and other Equipment. About nine percent (8.5%) of the total value of money spent on gross addition to fixed assets was spent on Furniture and Fittings while six percent was spent on transport and equipment. Only 0.9 percent was spent on buildings. Only 0.9 percent was spent on buildings.

Figure 3.7: Gross addition to fixed assets in the Agriculture sector

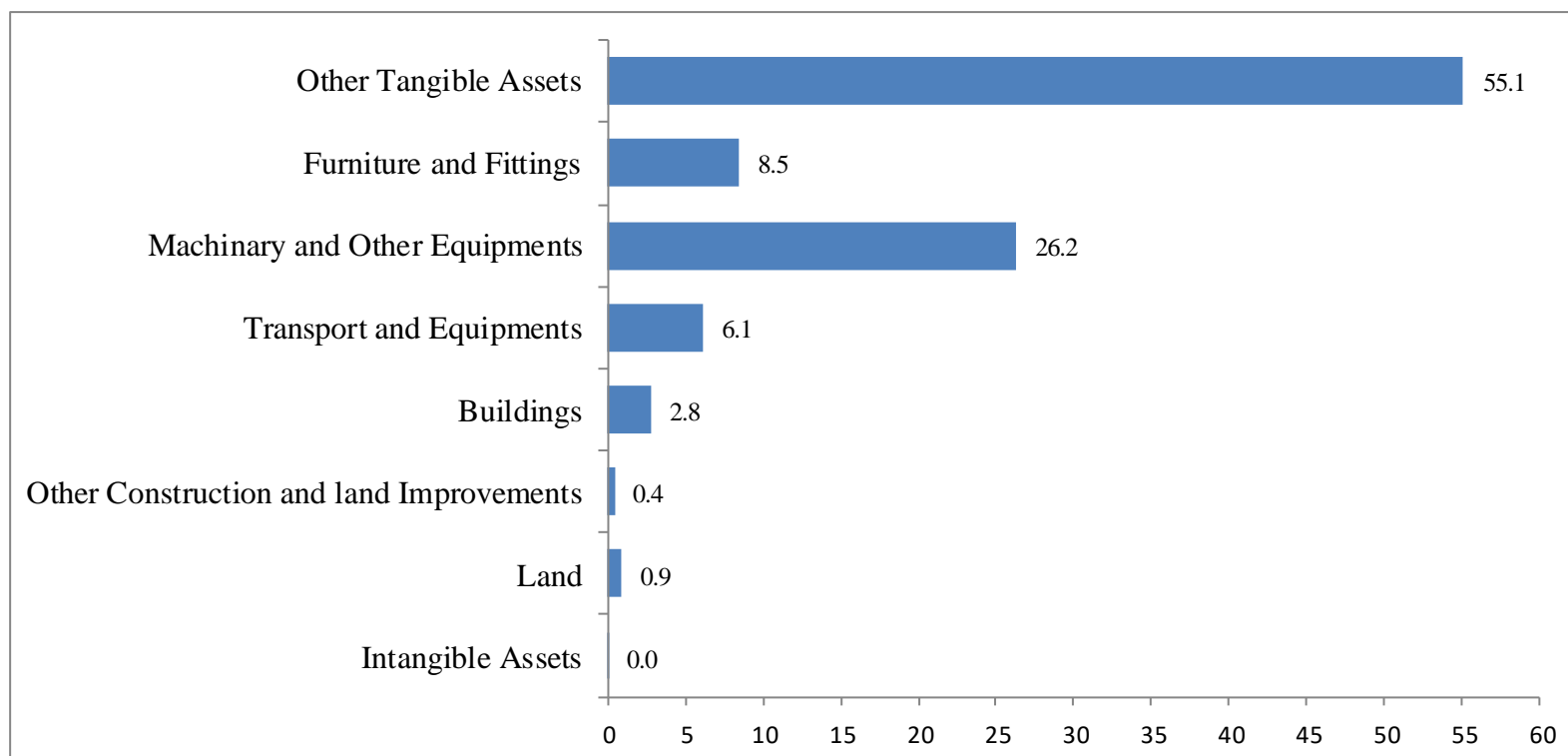
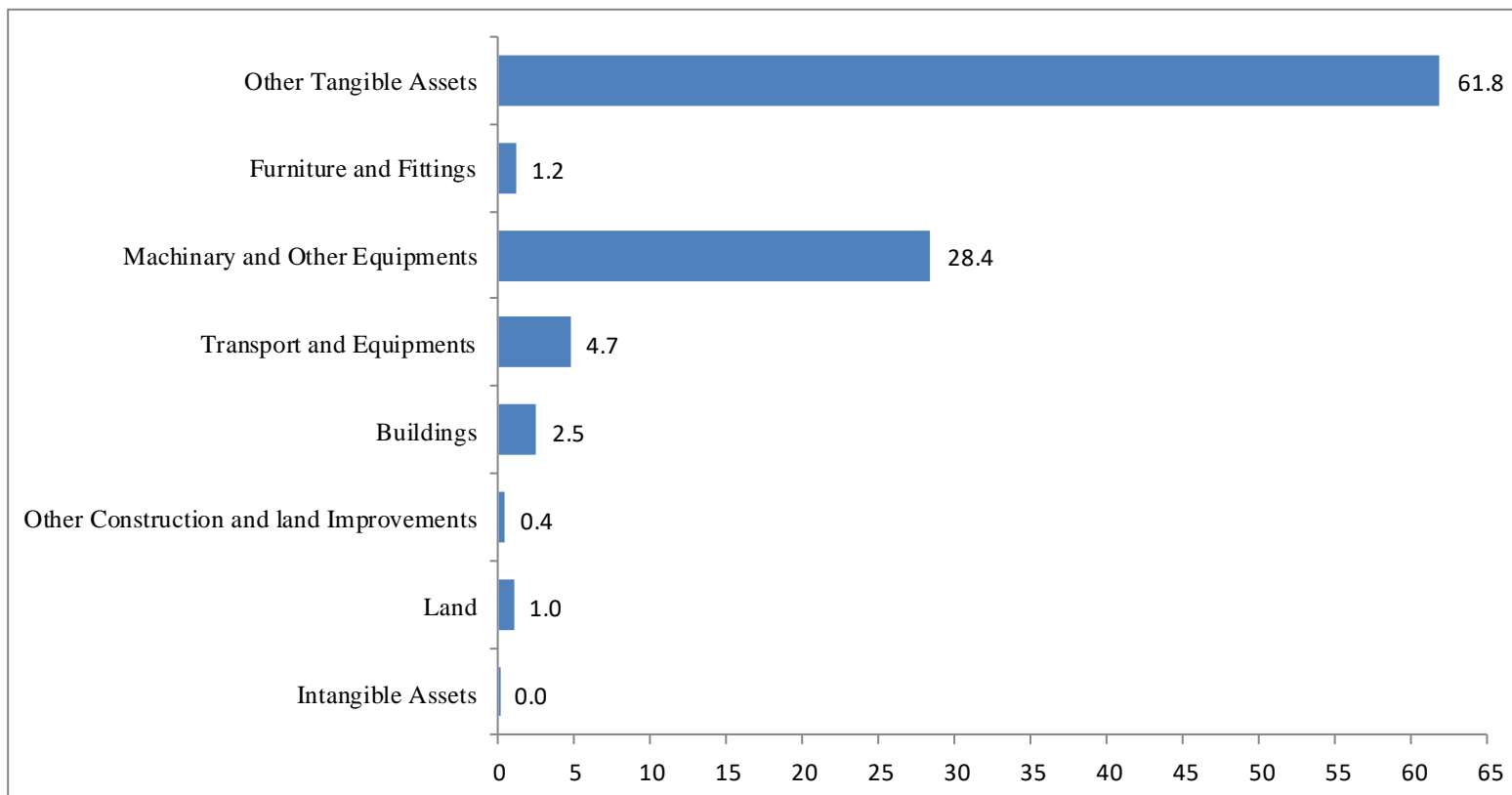


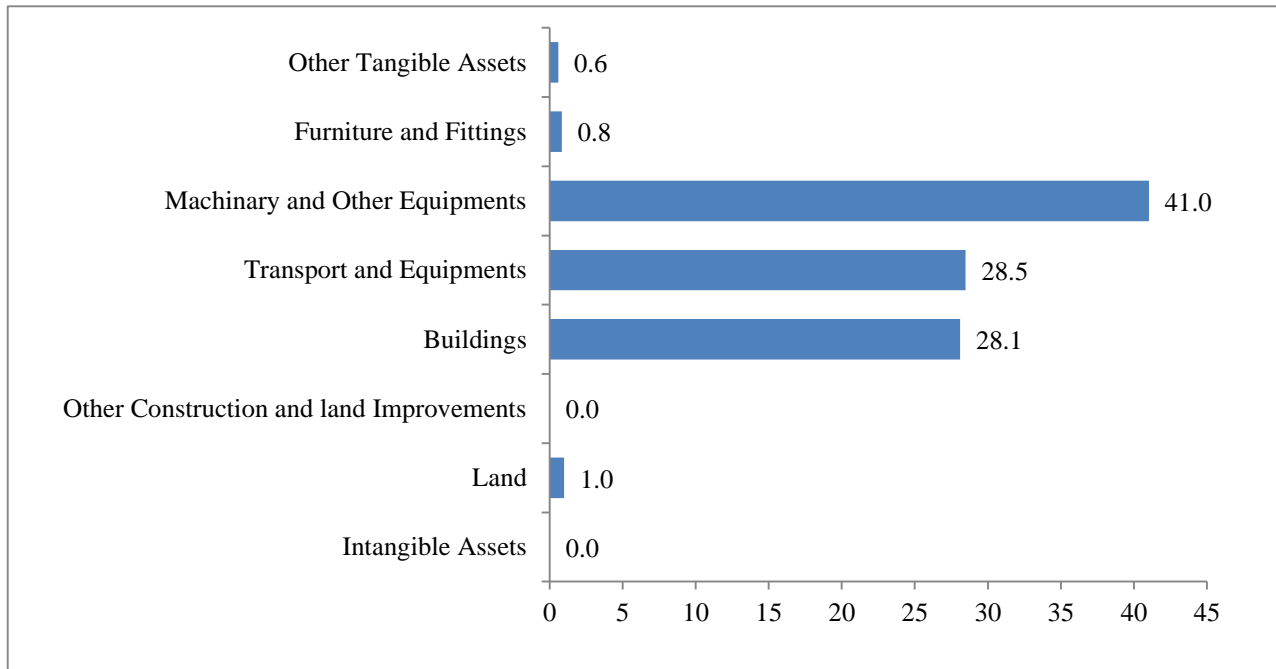
Figure 3.8 shows that about 61.8 percent of the value of fixed assets was spent in acquiring Other Tangible Assets by Agriculture sector establishments engaged in Crop and animal production, hunting and related service activities sub-sector. About 28.4 percent of money spent on the acquisition of fixed assets was for the acquisition of Machinery and Equipment. Only 0.03 percent investment was made in the acquisition of Intangible Assets by establishments in this sub-sector.

Figure 3.8: Gross addition to fixed assets in the crop and animal production, hunting and related service activities sub-sector



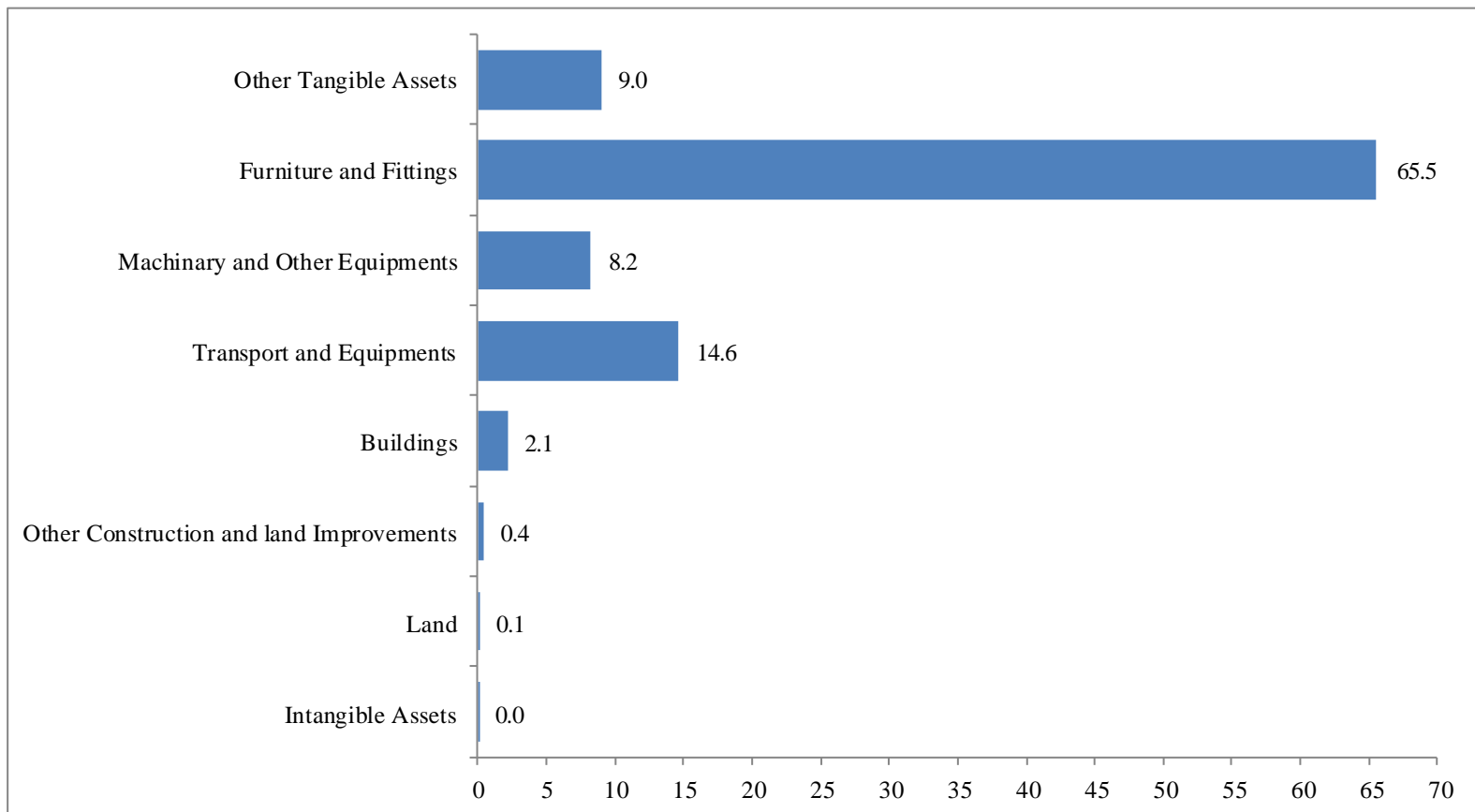
Gross addition to Machinery and Other Equipment was highest (40.2%) in the Forestry and logging sub-sector (Figure 3.9). Transport and Equipment, and Buildings received a relatively high proportion of money spent on gross addition (29.1% and 28.3% respectively) in 2013 financial year.

Figure 3.9: Gross addition to Fixed Assets in the Forestry and logging sub-sector



In the Fishing and aquaculture sub-sector, about sixty six (65.5%) of expenditure on gross additions to fixed assets was made on Furniture and Fittings while 14.6 percent was spent on Machinery and Other Equipment. No investment was made on Intangible Assets.

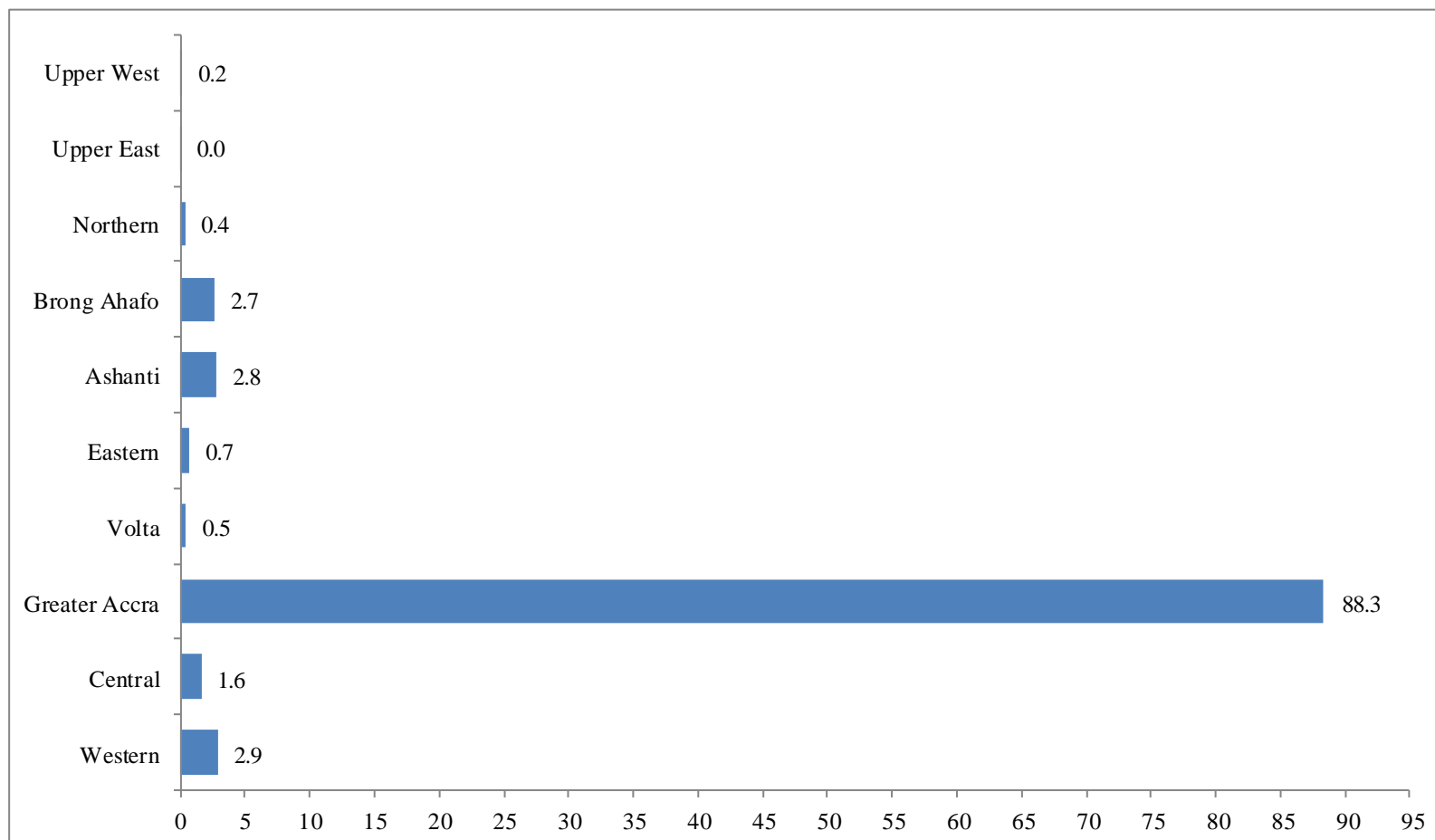
Figure 3.10: Gross addition to Fixed Assets in the Fishing and Aquaculture sub-sector



3.16 Gross additions to fixed assets in the Agriculture sector by region

Gross addition to Fixed Assets varies across the regions. Figure 3.11 presents information on additions to Machinery and Other Equipment by region. Investment in the acquisition of Machinery and Other Equipment was highest in Greater Accra region (88.3%) followed by western region with 2.9 percent.

Figure 3.11: Gross addition to Machinery and Other Equipment in the Agriculture sector

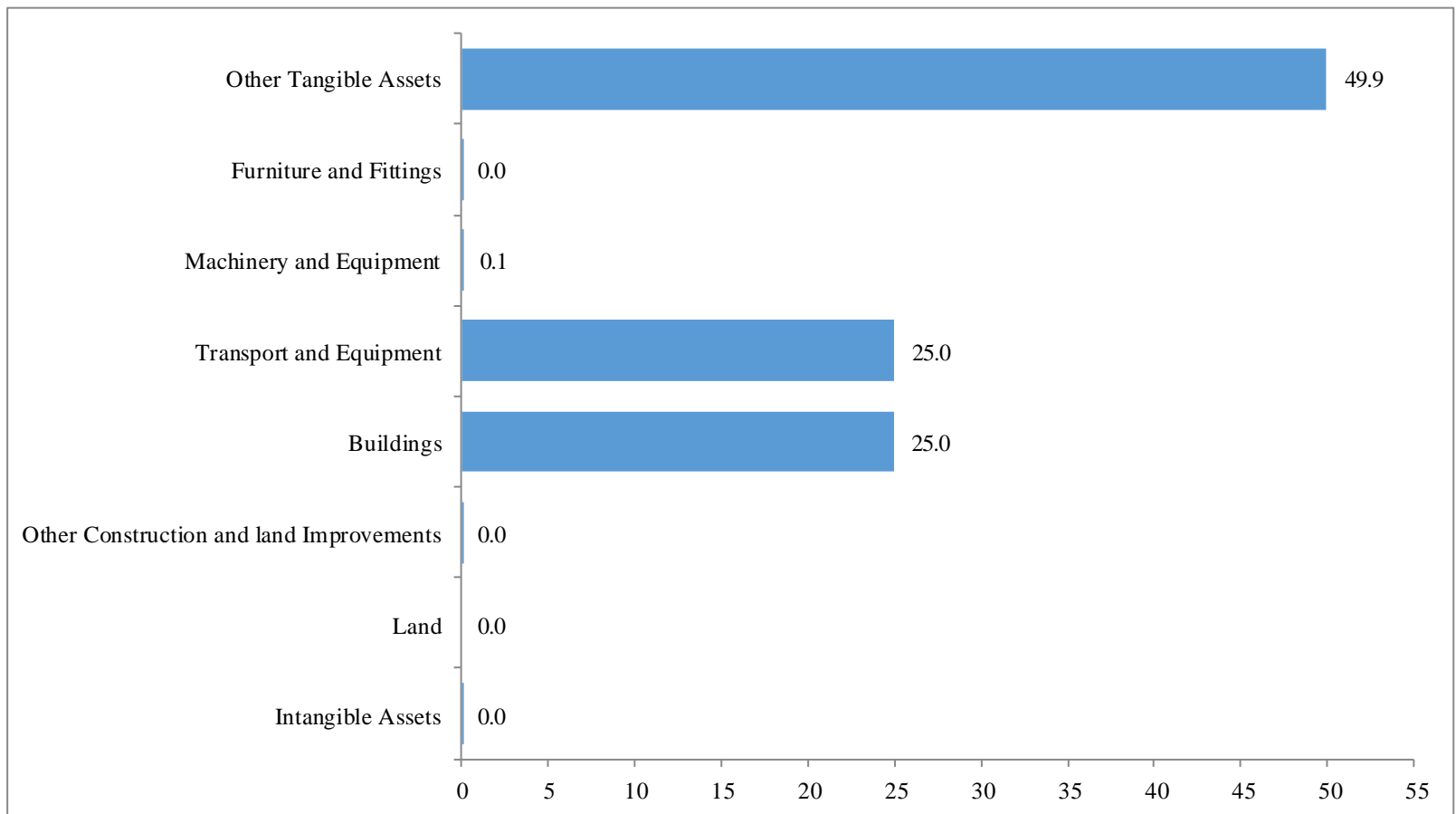


3.17 Depreciation of fixed assets in the Agriculture sector

The reduction in the value of an asset due to usage, passage of time, wear and tear or depletion is referred to as consumption of fixed capital. If depreciation is not provided for when the entire profit of an establishment is withdrawn during the life of an asset, additional capital would have to be raised when it is time to replace the fixed asset. This section provides information on the value of depreciation allowed during the 2013 financial year.

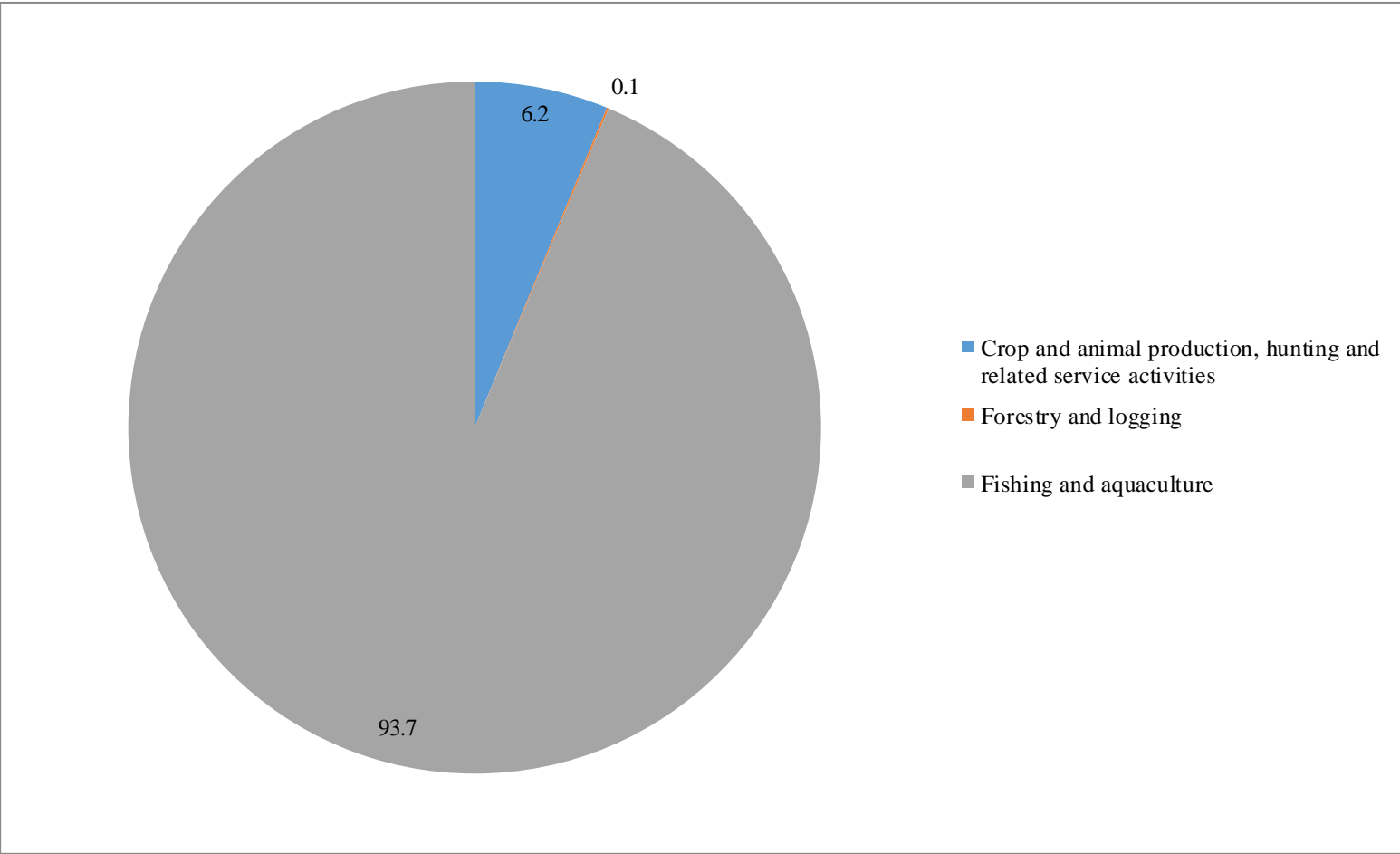
Figure 3.12 shows that Other Tangible Assets recorded the highest value (49.9%) of amount spent on the consumption of fixed assets during the financial year followed by Transport and Equipment and Building with 25 percent each.

Figure 3.12: Depreciation of fixed assets in the Agriculture sector



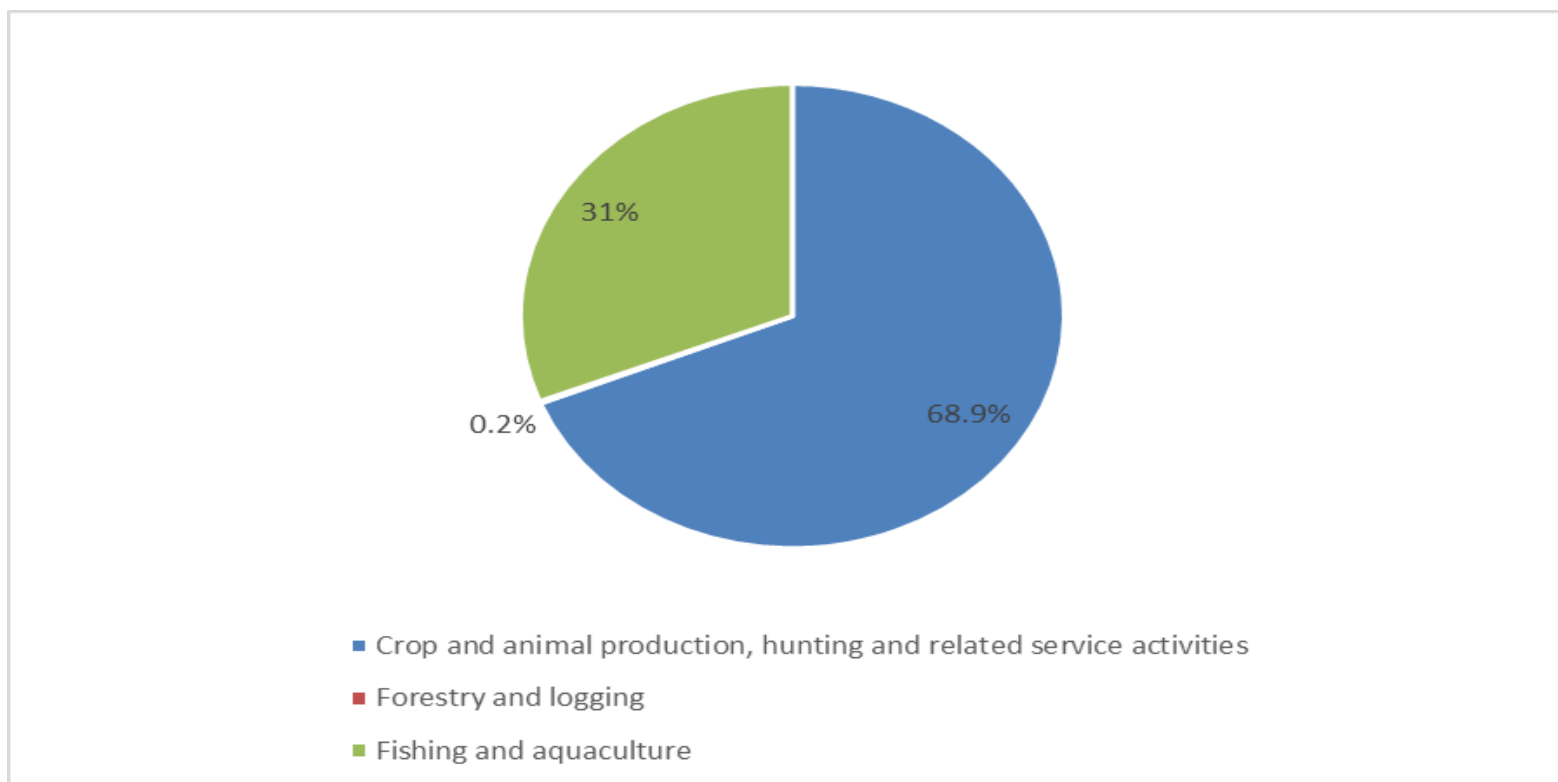
The Fishing and aquaculture sub-sector alone accounted for 93.7 percent of the value of depreciation of the Machinery and other Equipment (Figure 3.13). The least value (0.1%) of depreciation for Machinery and Other Equipment was in the Forestry and logging subsector.

Figure 3.13: Depreciation of Machinery and Other Equipment in the Agriculture sub-sectors



On the other hand, the Crop and animal production, hunting and related service activities sub-sector recorded the highest value of depreciation (68.9%) allowed for Buildings (Figure 3.14). The Fishing and aquaculture sub-sector on the other hand recorded 31.0 percent depreciation for Buildings.

Figure 3.14: Depreciation of Buildings in the Agriculture subsectors



There is variation in the size of establishments in Institutional Agriculture and the amount of capital consumption allowed. Table 3.11 presents the size categorization of establishments and the percentage of depreciation allowed on each of the fixed assets. Large-sized and Medium-sized establishments spent relatively higher proportions (79.6% and 48.7% respectively) of their value of capital consumption on Machinery and Other Equipment. On the other hand, Transport and Equipment (68.0%) had the largest share of depreciation for Small-sized establishments. Micro-sized establishments however, incurred the highest depreciation cost on Other Tangible assets (48.6%).

Table 3.11 : Depreciation of fixed asset in the Agriculture sector by size

Establishment by Size	Intangible Assets	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Large-Sized Businesses	0.0	3.0	0.8	13.5	79.6	0.2	2.8
Medium-Sized Businesses	6.5	6.0	15.0	11.7	48.7	1.5	10.6
Small-Sized Businesses	0.0	1.8	9.3	68.0	16.8	1.1	3.1
Micro-Sized Businesses	0.1	1.1	18.8	10.2	16.1	5.1	48.6

CHAPTER FOUR: BUSINESSES IN INDUSTRY SECTOR

4.1 Introduction

The Industry Sector is one of the three major sectors which contribute significantly to the Gross Domestic Product (GDP) of Ghana. The sector contributed an average share of 22 percent to GDP from the base year 2006 to 2012. The sector is made up of five (5) sub-sectors namely; Mining and Quarrying, Manufacturing, Electricity, gas, steam and air conditioning supply, Water supply, sewerage, waste management and remediation activities and Construction.

4.2 Trading account of businesses in the Industry sector

The Industry sector's share of revenue in the economy is 29.1 percent (GH¢133.1 billion) with a gross profit of GH¢86.1 billion which is about 29 percent of the total Gross Profit of all establishments in the country. Table 4.1 shows that the construction sub-sector contributed the largest share of 40.4 percent (GH¢53.8 billion). The contribution of the manufacturing sector is about one-third (GH¢45.0 billion) of the total revenue in the industry sector. The Mining and quarrying sub-sector contribution was about one-fifth (GH¢26.6 billion) while the Electricity, gas, steam and air conditioning supply and Water supply, sewerage, waste management subsector together contributed less than one-tenth (5.0% and 0.8 percent respectively). Similarly, relative to other sub-sector activities, Construction (GH¢28.3 billion) and Manufacturing (GH¢28.2 billion) earned higher gross profits. The Mining and quarrying sub-sector followed with GH¢23.5 billion.

A similar pattern is observed in the distribution of sector input costs with Construction (GH¢25.6 billion) recording the highest followed by Manufacturing (GH¢16.5 billion) and Mining and quarrying (GH¢2.9 billion).

Table 4.1: Trading Account of the Industry Sector

Sector	Revenue (GH¢)	Cost of goods sold (GH¢)	Input Cost (GH¢)	Gross Profit (GH¢)
Industry Sector	133,143,455,689	47,082,575,875	47,089,141,948	86,060,880,062
Mining and quarrying	26,587,745,050	3,069,202,475	2,943,976,208	23,518,542,615
Manufacturing	44,996,873,671	16,762,603,586	16,539,757,596	28,234,270,274
Electricity, gas, steam and air conditioning supply	6,651,300,697	1,622,763,778	1,830,332,687	5,028,536,944
Water supply, sewerage, waste management	1,131,153,296	115,611,944	125,801,435	1,015,541,326
Construction	53,776,382,976	25,512,394,092	25,649,274,023	28,263,988,904

Table 4.2 shows that the revenue contributed by Mining and Quarrying sub-sector to total Industry revenue was mainly derived from the activities of Mining of metal ores (GH¢12.6 billion) and Extraction of crude petroleum and natural gas (GH¢7.8 billion). Again, the profit accrued and input costs incurred by these two activities were higher compared to that of the activities of other sub-sectors in the Mining and Quarrying sub-sector. Even though Mining support service activities (GH¢ 4.6 billion) contributed significantly to profit accrued by the sub-sector, that of Mining of metal ores (GH¢11.1 billion) and Extraction of crude petroleum and natural gas (GH¢ 6.8 billion) were relatively higher.

Table 4.2: Trading Account of the Mining and Quarrying sub-sector

Activity	Revenue (GH¢)	Cost of goods sold (GH¢)	Input Cost (GH¢)	Gross Profit (GH¢)
Mining and quarrying	26,587,745,050	3,069,202,475	2,943,976,208	23,518,542,615
Extraction of crude petroleum and natural gas	7,773,034,826	1,004,673,925	1,004,975,723	6,768,360,838
Mining of metal ores	12,605,727,056	1,490,035,848	1,493,389,339	11,115,691,305
Other mining and quarrying	1,186,416,216	121,041,462	75,096,740	1,065,374,766
Mining support service activities	5,022,566,952	453,451,240	370,514,406	4,569,115,706

Table 4.3 provides the distribution of the trading accounts of the Manufacturing subsector which covers twenty-three activities within the subsector. It shows that, the revenue from the Manufacture of food products (GH¢12.3 billion) which is the largest contributor to the total revenue of the subsector, is almost four times that of the second largest contributor; Manufacture of basic metals (GH¢3.8 billion). This is closely followed by Manufacture of beverages (GH¢ 3.6 billion). The activities for the Manufacture of Other transport equipment (GH¢8.2 million) generated the least revenue within the subsector.

A similar pattern is observed with the distribution of the cost of goods sold and profit accruing to the subsector. There is however, a slight deviation with regard to input costs of the subsector. The activities for Manufacture of basic metals (GH¢2.0 billion), Manufacture of electrical equipment (GH¢1.0 billion) and Manufacture of fabricated metal products, except machinery and equipment (GH¢1.0 billion) incurred input costs relatively higher than other activities within the manufacturing subsector (Table 4.3).

Table 4.3: Trading Account of the Manufacturing sub-sector

Activity	Revenue (GH¢)	Cost of goods sold (GH¢)	Input Cost (GH¢)	Gross Profit (GH¢)
Manufacturing	44,996,873,671	16,762,603,586	16,539,757,596	28,234,270,274
Manufacture of food products	12,322,962,814	4,863,556,691	4,926,667,737	7,459,406,300
Manufacture of beverages	3,579,753,874	1,173,846,598	604,300,031	2,405,907,288
Manufacture of textiles	776,902,287	206,132,191	210,689,651	570,770,097
Manufacture of wearing apparel	1,360,517,412	414,274,341	358,758,370	946,242,944
Manufacture of leather and related products	389,516,491	154,611,139	134,249,185	234,905,351
Manufacture of wood and of products of wood and cork, except furniture;	1,685,479,151	469,538,994	463,856,314	1,215,940,165
Manufacture of paper and paper products	625,620,588	195,992,050	198,080,051	429,628,543
Printing and reproduction of recorded media	722,707,907	135,805,457	132,476,453	586,902,463
Manufacture of coke and refined petroleum products	2,729,598,278	902,959,826	898,556,405	1,826,638,452
Manufacture of chemicals and chemical products	2,125,282,865	749,844,602	869,770,499	1,375,438,300
Manufacture of pharmaceuticals, medicinal chemical and botanical products	407,147,567	127,368,769	135,446,440	279,778,800
Manufacture of rubber and plastics products	2,293,134,287	567,044,116	741,901,596	1,726,090,177
Manufacture of other non-metallic mineral products	1,715,401,499	818,823,211	786,203,081	896,578,265
Manufacture of basic metals	3,800,678,123	1,950,705,384	1,990,893,867	1,849,972,740
Manufacture of fabricated metal products, except machinery and equipment	2,698,769,580	953,809,424	1,014,587,773	1,744,960,241
Manufacture of computer, electronic and optical products	111,515,634	73,253,442	75,333,193	38,262,193
Manufacture of electrical equipment	2,029,464,703	1,014,871,910	1,018,318,057	1,014,592,793
Manufacture of machinery and equipment n.e.c.	77,205,788	34,131,891	33,413,718	43,073,895
Manufacture of motor vehicles, trailers and semi-trailers	32,060,416	20,560,432	19,609,990	11,499,984
Manufacture of other transport equipment	8,195,238	5,906,495	5,450,751	2,288,743
Manufacture of furniture	769,518,641	305,503,002	293,222,099	464,015,644
Other manufacturing n.e.c	4,587,550,982	1,581,748,980	1,586,933,549	3,005,801,986
Repair and installation of machinery and equipment	147,889,547	42,314,642	41,038,787	105,574,912

Electricity, gas, steam and air conditioning supply activity of the Industry sector is very important to the sector and the rest of the economy as it provides the energy needed to fuel the economy. However, its activities generated a revenue of GH¢6.6 billion and a gross profit of GH¢5.0 billion, representing 5.0 percent and 5.8 percent of the Industry sector revenue and gross profit respectively (Table 4.4).

Table 4.4: Trading Account of the Electricity sub-sector

Activity	Revenue (GH¢)	Cost of goods sold (GH¢)	Input Cost (GH¢)	Gross Profit (GH¢)
Electricity, gas, steam and air conditioning supply	6,651,300,697	1,622,763,778	1,830,332,687	5,028,536,944
Electricity, gas, steam and air conditioning supply	6,651,300,697	1,622,763,778	1,830,332,687	5,028,536,944

Table 4.5 presents the distribution of the trading account for activities in the water supply, sewerage, and waste management sub-sector. In this sub-sector, activities of water collection, treatment and supply (GH¢572.1 million) generated the highest revenue followed by waste collection, treatment and disposal (GH¢554.4 million).

The Table further reveals that even though the activities of waste collection, treatment and disposal (GH¢20.9 million) incurred input costs which is about one-fifth of that of water collection, treatment and supply (GH¢104.3 million), it contributed a higher profit (GH¢538.6 million and GH¢473.0 million respectively). The activities of sewerage are characterized by relatively lower input costs and revenue and consequently lower profit.

Table 4.5: Trading Account of the water supply, sewerage and waste management sub-sector

Activity	Revenue (GH¢)	Cost of goods sold (GH¢)	Input Cost (GH¢)	Gross Profit (GH¢)
Water supply, sewerage, waste management	1,131,153,296	115,611,944	125,801,435	1,015,541,326
Water collection, treatment and supply	572,142,404	99,165,799	104,332,402	472,976,592
Sewerage	4,635,584	656,282	521,092	3,979,302
Waste collection, treatment and disposal activities; materials recovery	554,375,308	15,789,864	20,947,942	538,585,431

Table 4.6 shows the trading accounts for the Construction sub-sector. The construction of buildings (GH¢39.8 billion) is the major contributor to the revenue accrued in the sub-sector (GH¢53.8 billion), contributing almost three-quarters, with about one-fifth from civil engineering activities (GH¢11.6 billion) and less than five per cent from Specialized construction activities (GH¢2.4 billion). A similar pattern is observed with the construction of buildings contributing GH¢18.6 billion to cost of goods sold, input costs (GH¢18.7 billion) and gross profit (GH¢28.2 billion) for the sub-sector.

Table 4.6: Trading Account of the Construction sub-sector

Activity	Revenue (GH¢)	Cost of Goods sold (GH¢)	Input Cost (GH¢)	Gross Profit (GH¢)
Construction	53,776,382,976	25,512,394,092	25,649,274,023	28,263,988,904
Construction of buildings	39,810,062,360	18,609,100,912	18,727,983,746	21,200,961,468
Civil engineering	11,577,451,815	5,720,462,228	5,739,059,508	5,856,989,584
Specialized construction activities	2,388,868,800	1,182,830,952	1,182,230,768	1,206,037,851

4.2.1 Industry Sector Revenue and Production Cost by Region

Table 4.7 presents the regional differentials in the trading accounts of the Industry sector. The Greater Accra region contributed the largest revenue of GH¢ 86.6 billion, representing 65 percent of the Industry sector's revenue. The Western region (GH¢19.3 billion) contributed the next highest revenue followed by the Eastern region (GH¢8.8 billion), with Upper East region (GH¢482.9 million) contributing the least.

In terms of profit generated by the Industry sector, again the three regions; Greater Accra (GH¢51.8 billion), Western (GH¢16.3 billion) and Eastern (GH¢6.6 billion) together contributed about 86.8 percent of the industry sector gross profit (GH¢86.1 billion).

Similarly, industries in Greater Accra region (GH¢34.8 billion) consumed almost three-quarters of the total value of goods and services used as input by all industries for production. This was followed by the Western (GH¢3.2 billion) and Eastern (GH¢2.2 billion) regions. Overall, the industrial activities undertaken in Upper East region contributed the least to all the aspects of trading accounts except for Gross profit, where Upper West region (GH¢254.8 million) earned the least.

Table 4.7: Trading Account of the Industry Sector by Region

Region	Revenue (GH¢)	Cost of goods sold (GH¢)	Input Cost (GH¢)	Gross Profit (GH¢)
National	133,143,455,689	47,082,575,875	47,089,141,948	86,060,880,062
Western	19,323,933,177	3,022,866,973	3,172,922,251	16,301,066,047
Central	1,663,210,611	496,284,090	494,554,904	1,166,926,506
Greater Accra	86,566,109,747	34,775,924,622	34,881,191,498	51,790,185,220
Volta	2,647,920,437	1,165,699,385	1,155,046,210	1,482,221,059
Eastern	8,799,454,338	2,177,255,846	2,183,473,971	6,622,198,679
Ashanti	7,545,820,913	2,549,374,765	2,408,807,169	4,996,446,164
Brong Ahafo	1,979,209,105	638,504,255	621,907,526	1,340,704,852
Northern	3,620,310,661	1,828,317,924	1,755,744,523	1,791,992,854
Upper East	482,861,331	168,550,170	164,449,391	314,311,152
Upper West	514,625,370	259,797,846	251,044,504	254,827,528

4.3 Operation cost of businesses in the Industry sector

The operation cost of establishments in the Industry sector comprises expenditure on wages and salaries, social security and other supplement to wages and salaries. This section discusses the differentials in the attributes of compensation of employees among the various sub-sectors in the Industry sector.

4.3.1 Compensation of employees in the Industry sector

Compensation of employees looks at what establishments spend on their employees in terms of wages and salaries, social security and other supplementary payments to wages and salaries.

Within the Industry sector, the manufacturing sub-sector has 95.7 percent of all establishments and the highest proportion of persons employed, 271,862 (65.1%) but accounts for a little over 10 percent (GH¢1.2 billion) of all wages and salaries paid both in cash and in-kind (Table 4.8). There are 293 mining and quarrying establishments, employing 9.6 percent of persons in the sector. It however, accounts for the largest share of GH¢8.6 billion (77%) of all wages and salaries both in cash and in-kind. This sub-sector is driven by the extraction of crude petroleum and natural gas activities, contributing 83.1 percent of the mining and quarrying sub-sectors wages and salaries. Water supply, sewerage and waste management contributes the least in terms of wages and salaries within the sub-sector and is also the least employer.

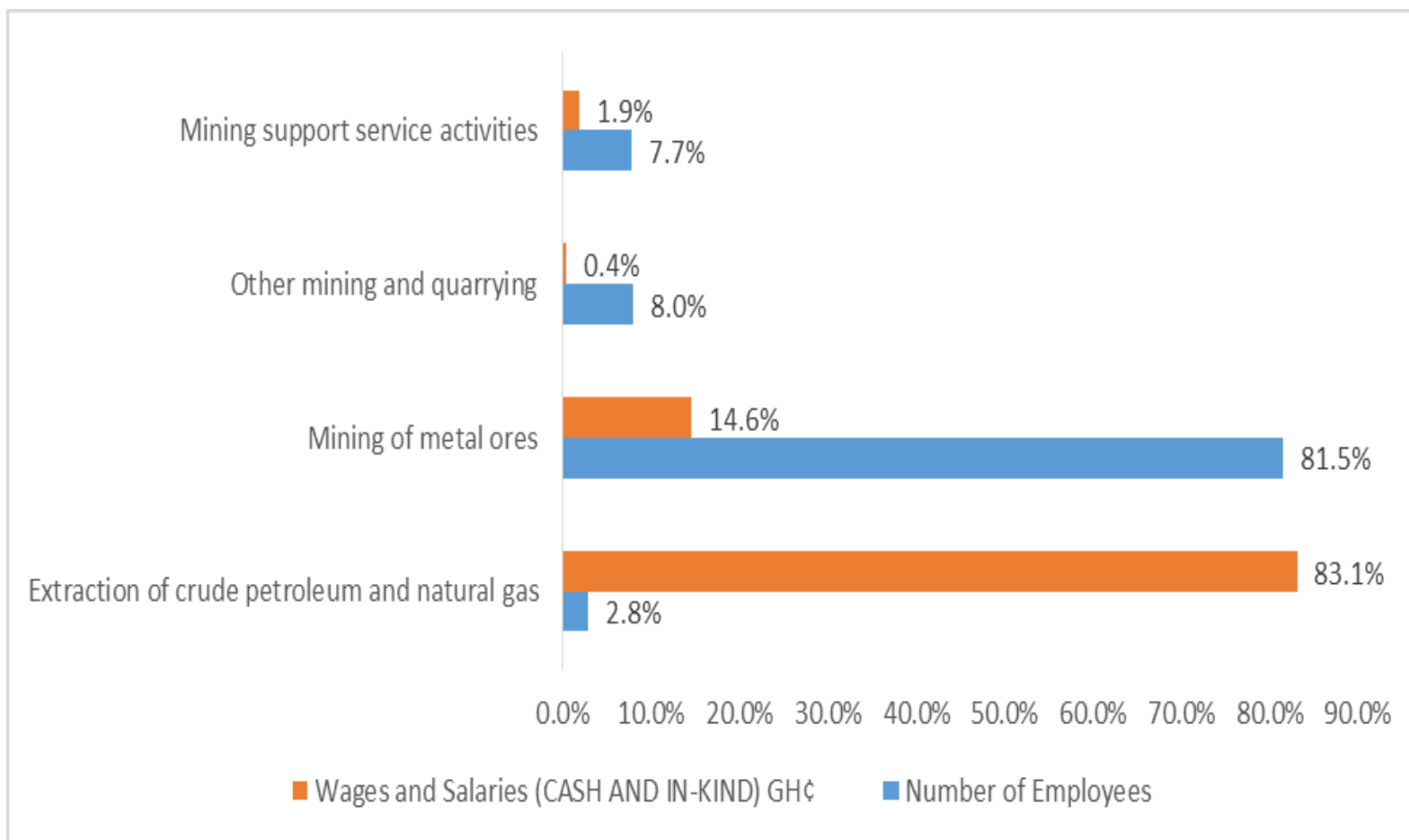
Table 4.8: Compensation of employees in the Industry sector

Activity	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind)	Social Security	Other Supplement to wages and salaries	Number of Establishments
All Industry	734,341	417,528	11,510,454,241	236,227,988	230,705,122	106,330
Mining and quarrying	48,977	40,121	8,855,455,213	75,377,113	70,011,597	293
Manufacturing	570,327	271,862	1,188,588,784	50,225,356	50,298,287	101,789
Electricity, gas, steam and air conditioning supply	18,063	17,280	807,455,034	67,386,080	82,314,744	327
Water supply, sewerage and waste management	25,407	24,242	127,834,115	13,943,286	18,812,306	507
Construction	71,567	64,023	531,121,095	29,296,153	9,268,189	3,414

4.3.2 Compensation of employees in the Mining and quarrying sub-sector

With regard to compensation of employees in the Mining and quarrying sub-sector, Figure 4.1 shows that mining of metal ores employs almost 81.5 percent of all employees. However, earnings of employees in the sub-sector constitutes only 14.6 percent (GH¢1.3 billion) of all wages and salaries both in cash and in-kind to the sub-sector. Employees in the extraction of crude petroleum and natural gas earn over 83 percent (GH¢7.4 billion) of the wages and salaries both in cash and in kind though employs only 2.8 percent of employees in the subsector. Other mining and quarrying, and mining support service activities together employ 14.0 percent of employees in the sub-sector and have a share of 1.3 percent of the wages and salaries paid both in cash and in-kind.

Figure 4.1: Compensation of employees in the Mining and Quarrying sub-sector



4.3.3 Compensation of employees in the Manufacturing sub-sector

Manufacture of food products under the Manufacturing sub-sector employs 58,110 persons (21.4%) and these earned GH¢235.8 million (19.8 %) of wages and salaries paid both in cash and in-kind, making it the highest in the sub-sector (Table 4.9). The manufacture of wearing apparel is the activity with the next highest proportion of employees (15.5%) and the sub-sector with the third highest payment of wages and salaries both in cash and in-kind (9.1%).

Even though the sub-sector involved in the Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials is the third highest employer with a proportion of 10.0 percent, the sub-sector is the second highest in terms of payment of wages and salaries in both cash and in-kind (15.2%).

Table 4.9: Compensation of employees in the Manufacturing sub-sector

Activity	Number of Persons Engaged (N)	Number of Employees (N)	Wages and Salaries (CASH AND IN-KIND) GH¢	Social Security GH¢	Other Supplement to wages and salaries GH¢
Manufacturing	570,327	271,862	1,188,588,784	50,225,356	50,298,287
Manufacture of food products	96,405	58,110	235,763,122	10,526,560	4,289,395
Manufacture of beverages	24,494	19,586	121,918,920	5,689,542	28,456,202
Manufacture of textiles	22,608	10,332	38,756,280	1,536,632	1,612,657
Manufacture of wearing apparel	198,402	42,059	108,201,140	2,652,463	953,209
Manufacture of leather and related products	14,414	5,215	32,257,216	168,175	40,438
Manufacture of wood and of products of wood and cork, except furniture;	32,889	27,174	128,711,546	7,642,400	2,808,400
Manufacture of paper and paper products	5,026	4,345	13,373,988	803,999	845,242
Printing and reproduction of recorded media	12,357	8,987	44,005,515	2,205,373	666,378
Manufacture of coke and refined petroleum products	1,253	1,253	53,219,768	2,851,830	76,053
Manufacture of chemicals and chemical products	16,282	15,216	46,984,992	2,320,366	1,391,347
Manufacture of pharmaceuticals, medicinal chemical and botanical products	5,431	5,059	27,109,450	1,412,637	913,416
Manufacture of rubber and plastics products	10,053	9,738	57,198,515	2,863,364	1,496,938
Manufacture of other non-metallic mineral products	16,247	12,934	44,662,991	1,397,305	973,739
Manufacture of basic metals	6,284	4,925	40,065,755	1,985,075	943,803
Manufacture of fabricated metal products, except machinery and equipment	51,840	20,950	82,894,108	2,272,082	1,653,724
Manufacture of computer, electronic and optical products	699	486	2,187,711	31,664	13,589
Manufacture of electrical equipment	1,622	1,211	11,122,839	493,217	1,060,751
Manufacture of machinery and equipment n.e.c.	2,421	1,143	5,732,672	215,759	104,257
Manufacture of motor vehicles, trailers and semi-trailers	1,551	516	3,368,247	121,324	63,684
Manufacture of other transport equipment	332	141	326,950	3,668	2,300
Manufacture of furniture	34,527	15,068	51,239,599	1,227,133	1,169,925
Other manufacturing	7,129	4,018	17,567,333	440,086	139,581
Repair and installation of machinery and equipment	8,060	3,396	21,920,126	1,364,704	623,262

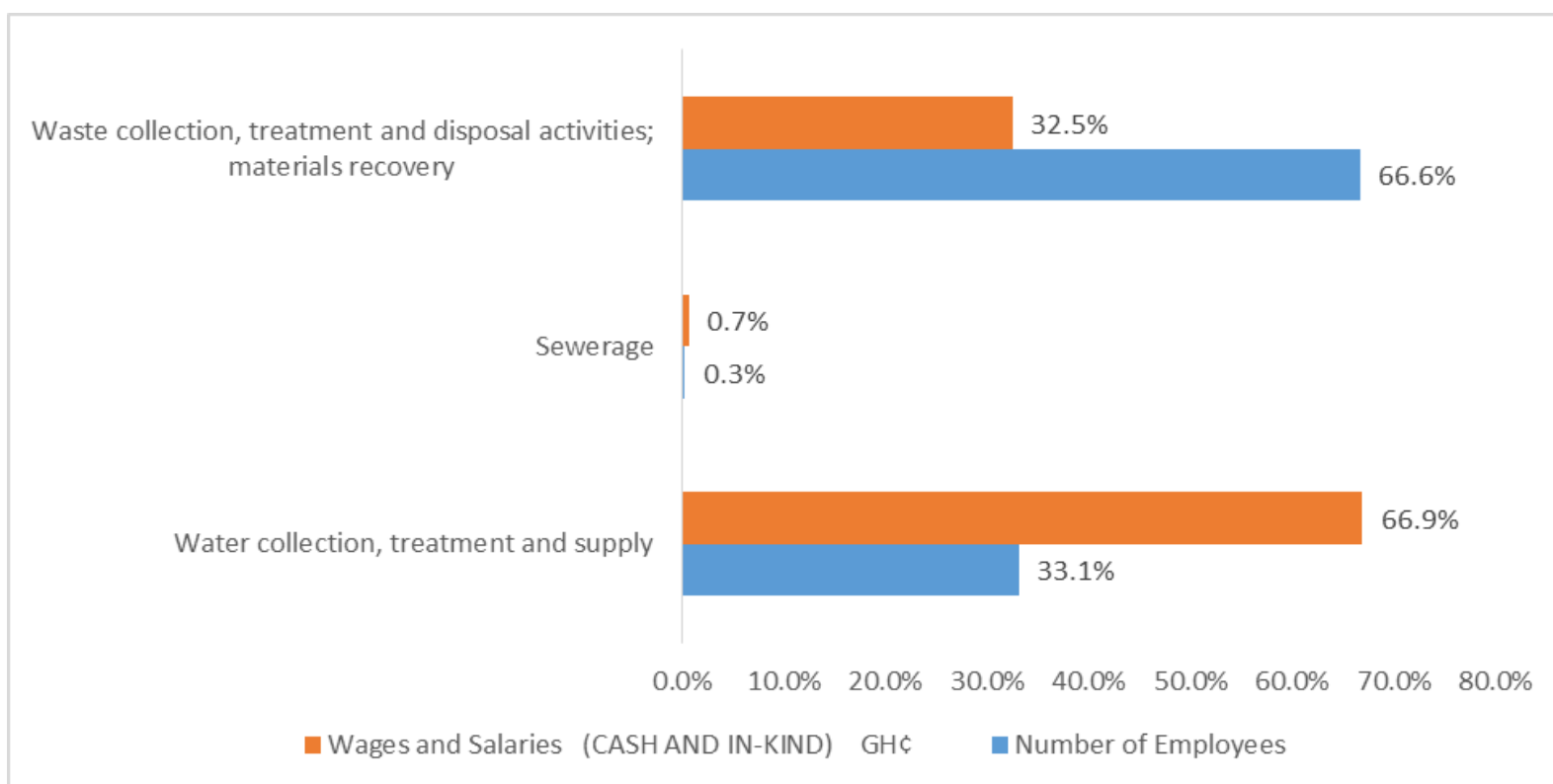
This trend of relatively high wages and salaries in these three activity areas can be attributed to the high numbers of employees in the sub-sector. Generally, within the Manufacturing sub-sector, the ratio of wages and salaries to number of employees is low, averaging 0.2. Thus, wages in this sub-sector are relatively high.

4.3.4: Compensation of employees in the Water supply, sewerage, waste management and remediation activities sub-sector

Employees in the water collection, treatment and distribution activity received the highest proportion (66.9%) of wages and salaries both in cash and in-kind in this sub-sector amounting to GH¢85.5 million, and employed almost one-third (33.1%) of all employees in the sub-sector, making it the second highest employer (Figure 4.2). Waste collection, treatment, disposal and material recovery is the leading employer in the sub-sector, employing 66.6 percent of employees in this sub-sector with the employees earning 32.5 percent of the total wages and salaries both in cash and in-kind (GH¢41.5 million). Sewerage is the

least activity in the sub-sector, employing only 0.3 percent and contributing GH¢836,434 in wages and salaries both in cash and in-kind. This is probably due to the fact that the activity does not have a national coverage and was captured in only two regions, namely Greater Accra and Upper East.

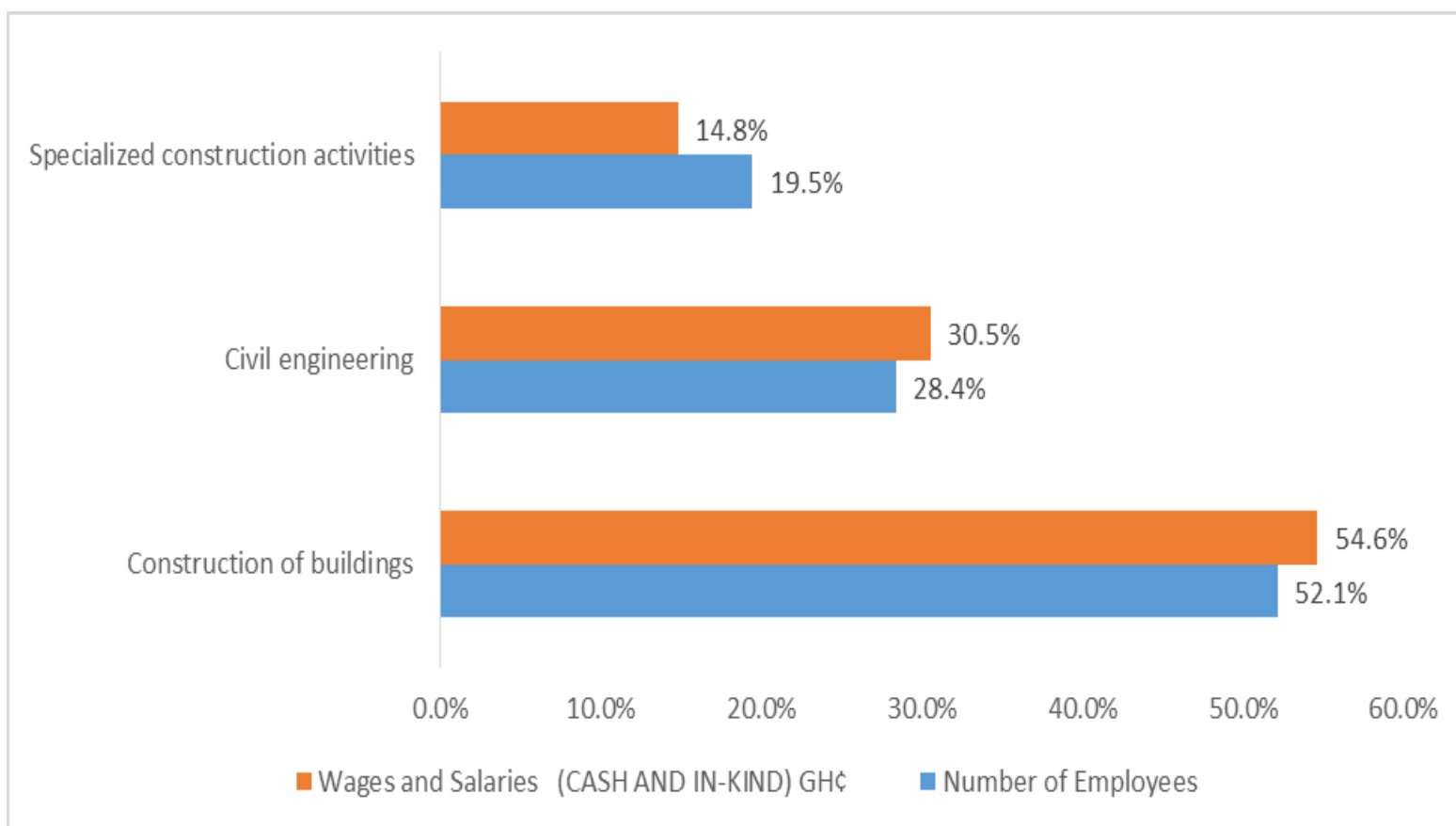
Figure 4.2: Compensation of employees in the Water supply, sewerage, waste management and remediation activities sub-sector



4.3.5 Compensation of employees in the Construction sub-sector

Figure 4.3 shows that activities related to the construction of buildings employs more than half (52.1%) of all employees in the Construction sub-sector and these employees received 54.6 percent (GH¢257.8 million) of the wages and salaries both in cash and in-kind in the sub-sector, the highest in the sub-sector. Employees engaged in Civil Engineering activities received 30.5 percent of the wages and salaries both cash and in-kind, amounting to GH¢202.5 million, and being the second highest in the sub-sector. This activity area employs 28.4 percent of all persons employed in the sub-sector. The Specialized construction activities employ 19.5 percent of employees in the sub-sector and these employees earned 14.8 percent of the total wages and salaries paid in the construction sub-sector. The low proportion of wages and salaries received by employees in this activity area may be due to the fact that some of the activities in this group such as demolishing and site preparation do not require very highly skilled labour.

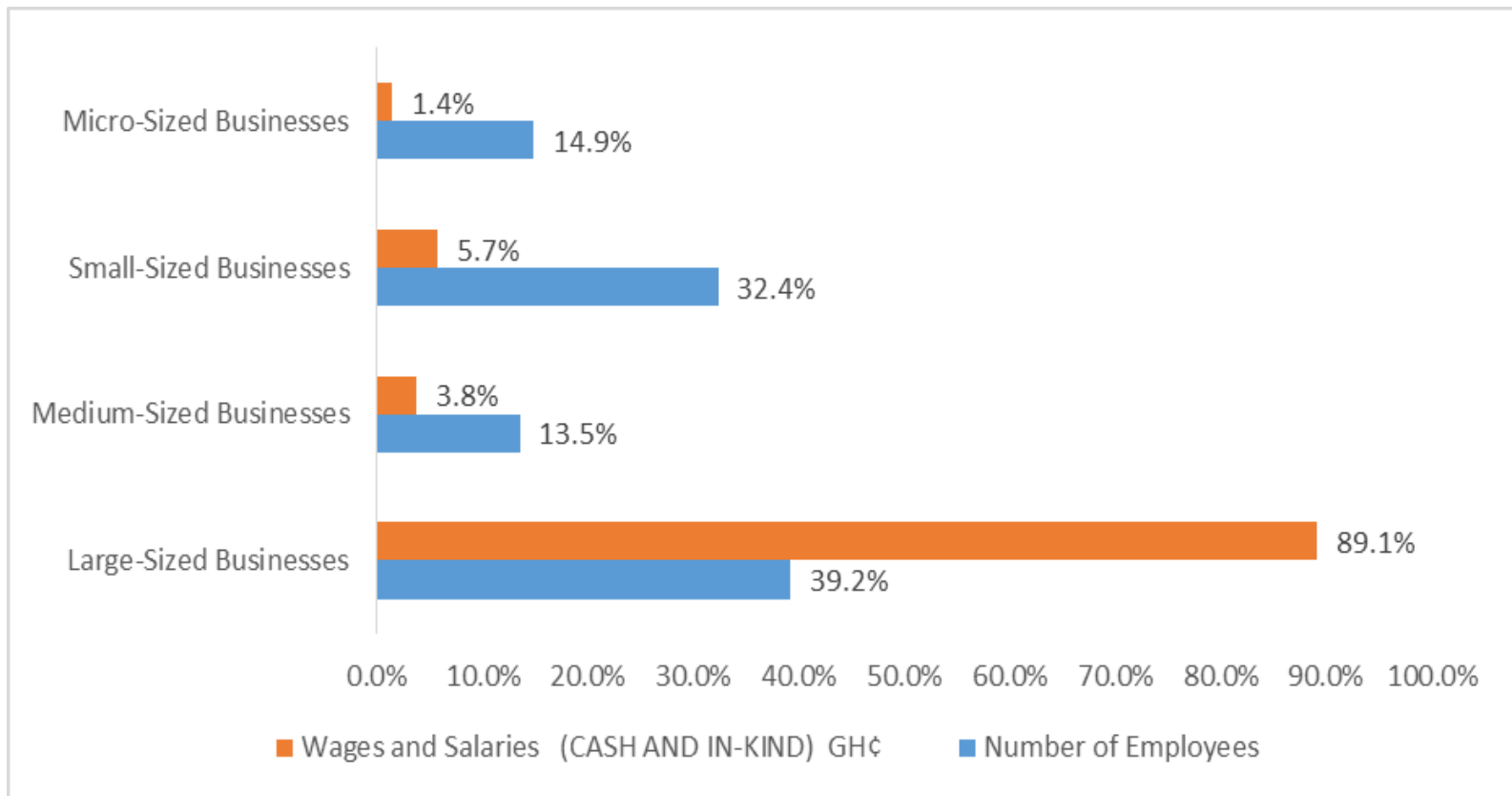
Figure 4.3: Compensation of employees in the Construction sub-sector



4.3.6 Compensation of employees by establishment size

With regard to compensation of employees in the Industry sector by size of establishment, (Large, Medium, Small and Micro (LMSM)), large establishments had the greatest share of compensation. This size category paid 89.1 percent of the wages and salaries both in cash and in-kind within the sector. The number of employees in large establishments is only slightly higher than that of small establishments but the small establishments account for only 5.7 percent of total wages and salaries paid in the sector. This may be due to the fact that large establishments are financially sound and are able to employ and retain skilled labour who receive high wages and salaries. The share of wages and salaries for micro-sized establishments is low (1.4% of industry wages and salaries) even though the number of employees is quite high compared to that of the medium sized establishments which have a share of 3.8 percent.

Figure 4.4: Compensation of employees by size



4.4 Inventories of businesses in the Industry sector

Inventory is the list of tangible goods or property, or the intangible attributes or qualities of an establishment. It can also be said to be the value of materials and goods held by an establishment for production (raw materials, sub-assemblies, work in process), or for support activities (repair, maintenance, consumables), or for sale or customer service (merchandise, finished goods, spare parts).

Inventory is often the largest item in the current assets category, and must be accurately accounted for and valued at the end of each accounting period to determine an establishment's profit or loss. Establishments whose inventory items have a large unit cost generally keep day-to-day records of changes in inventory (called perpetual inventory method) to ensure accurate and on-going control. Establishments with inventory items of small unit cost generally update their inventory records at the end of an accounting period or when financial statements are prepared (called periodic inventory method). IBES phase two collected data based on the financial year 2013.

4.4.1 The value of stocks in the Industry sector

Table 4.10 presents the distribution of stocks of goods in the Industry sector at the beginning of the financial year. From the survey, the total of 106,330 establishments in the Industry sector held stocks of goods valued at GH¢18.6 billion, out of which more than half (54.3%) constitutes raw materials and Supplies (GH¢10.1 billion), and almost one-quarter (23.0%) was in the form of work-in-progress (GH¢4.3 billion). The Table shows that, aside goods classified under other stocks (GH¢2.2 billion) which accounted for a little more than one-tenth of the entire value of stocks, there were also stocks made up of finished goods (GH¢1.1 billion). The value of stocks of fuel (GH¢149 million) was the least in value, representing less than one percent.

Table 4.10: Type and value of stocks

Stock items	GH¢	Percent
Raw Materials And Supplies	10,096,074,473	54.3
Work In Progress	4,279,176,676	23.0
Fuel	149,088,562	0.8
Finished Goods	1,107,440,818	6.0
Goods For Resale	774,293,713	4.2
Other Stocks	2,187,676,353	11.8
TOTAL	18,593,750,595	100.0

4.4.2 Type and value of stocks by sub-sectors in the Industry sector

Table 4.11 shows that the Construction sub-sector accounted for the highest value of goods in stock as raw materials and supplies (GH¢7.9 billion), representing 77.9 percent of the total. This is followed by the Manufacturing sub-sector, which, contributed GH¢1.7 billion (16.7%). The rest of the sub-sectors within the Industry sector contributed less than 10 percent of the total value of raw materials and supplies.

The Construction sub-sector also held stocks worth GH¢2.3 billion as work-in-progress, representing 52.9 percent. The electricity, gas, steam and air conditioning supply sub-sector followed with GH¢1.3 billion, accounting for 30.1 percent, while the rest of the sub-sectors including Mining and Quarrying contributed less than 10 percent to the total stocks held as work-in-progress (Table 4.11).

The Table further shows that the Manufacturing sub-sector recorded the highest value of stocks with respect to finished goods (GH¢715.7 million) representing 64.6 percent. The Construction sub-sector's share was GH¢252.5 million representing 22.8 percent of completed residential and non-residential buildings.

Table 4.11: Type and value of stocks by sub-sectors in the Industry sector

Sub-sector	Raw Materials And Supplies	Work In Progress	Fuel	Finished Goods	Goods For Resale	Other Stocks
Total	10,096,074,473	4,279,176,676	149,088,562	1,107,440,818	774,293,713	2,187,676,353
Mining and quarrying	483,601,507	125,067,273	58,778,959	138,574,397	49,231,089	151,084,513
Manufacturing	1,687,263,059	597,500,875	43,524,809	715,660,786	157,078,235	143,658,324
Electricity, gas, steam and air conditioning supply	22,186,921	1,286,265,472	118,795	419,559	394,690	1,665,587,407
Water supply; sewerage, waste management	37,303,723	5,918,148	351,701	303,452	11,095,310	54,760,569
Construction	7,865,719,263	2,264,424,908	46,314,298	252,482,624	556,494,389	172,585,540

4.4.3 Type of stock in the Industry sector

By group level of activity, with the exception of the construction of buildings that accounted for the highest proportion of the value of goods in stock of raw materials and supplies (75.3%) within the construction sub-sector, the rest contributed less than 10 percent to the sub-sector (Table 4.12). Similarly, all the group level activities within the mining and quarrying, manufacturing, electricity, gas, steam and air conditioning supply, and water supply, sewerage, waste management sub-sectors contributed less than 10 percent to the total of each sub-sector within the Industry sector.

In terms of stocks held as work-in-progress, activities in civil engineering within the Construction sub-sector contributed 33.7 percent. This is followed by electricity, gas, steam and air conditioning supply with 30.1 percent and construction of buildings, with 18.9 percent. The same trend is observed for the rest of the group level of activity within the mining and quarrying, manufacturing, electricity, gas, steam and air conditioning supply, and water supply; sewerage, waste management sub-sectors, contributing less than 10 percent to the total of each sub-sector within the Industry sector.

With respect to stocks of fuel, the Construction sub-sector had the highest proportion (31.1%) with the construction of buildings and civil engineering contributing 16.3 percent and 14.6 percent respectively. Activities within the mining of metal ores held 37.2 percent of the value of stocks of fuel in the mining and quarrying sub-sector. Similar trends are observed for the rest of the group level activities within the mining and quarrying, manufacturing, electricity, gas, steam and air conditioning supply, and Water supply; sewerage, waste management sub-sectors, with the activities contributing less than 10 percent to the total of each sub-sector within the Industry sector.

Table 4.12: Distribution of type of stocks in the Industry sector (%)

	Raw Materials And Supplies	Work In Progress	Fuel	Finished Goods	Goods For Resale	Other Stocks
Mining and quarrying	4.8	2.9	39.4	12.5	6.4	6.9
Extraction of crude petroleum and natural gas	0.0	-	0.1	-	-	5.1
Mining of metal ores	1.9	2.1	37.2	3.4	0.0	1.2
Other mining and quarrying	0.2	0.5	2.1	1.3	0.0	0.0
Mining support service activities	2.7	0.4	0.0	7.8	6.4	0.6
Manufacturing	16.7	14.0	29.2	64.6	20.3	6.6
Manufacture of food products	4.3	1.3	4.0	12.8	6.1	3.2
Manufacture of beverages	1.3	7.6	4.5	2.2	3.7	0.6
Manufacture of textiles	0.3	0.4	0.2	0.6	0.1	0.1
Manufacture of wearing apparel	0.6	1.2	2.7	6.2	1.7	0.0
Manufacture of leather and related products	0.1	0.1	2.0	0.5	0.1	0.0
Manufacture of wood and of products of wood and cork, except furniture;	0.4	0.4	1.9	7.3	0.3	0.5
Manufacture of paper and paper products	0.5	0.2	0.3	2.2	2.1	0.0
Printing and reproduction of recorded media	0.2	0.0	0.2	0.3	0.1	0.0
Manufacture of coke and refined petroleum products	0.1	-	0.0	0.3	0.5	-
Manufacture of chemicals and chemical products	2.1	0.6	1.1	3.9	1.5	0.2
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.6	0.3	1.1	1.1	0.1	0.0
Manufacture of rubber and plastics products	1.7	0.1	3.6	5.9	0.8	0.3
Manufacture of other non-metallic mineral products	0.7	0.2	2.1	1.3	0.1	0.2
Manufacture of basic metals	1.4	0.2	1.8	3.2	0.4	0.3
Manufacture of fabricated metal products, except machinery and equipment	1.5	1.0	1.9	10.6	2.1	0.2
Manufacture of computer, electronic and optical products	0.1	0.0	0.5	0.3	0.0	0.0
Manufacture of electrical equipment	0.3	0.0	0.0	1.7	0.0	0.2
Manufacture of machinery and equipment n.e.c.	0.1	0.0	0.1	0.1	0.0	0.0
Manufacture of furniture	0.4	0.3	1.2	3.1	0.2	0.6
Other manufacturing	0.2	0.1	0.1	0.9	0.1	0.0
Repair and installation of machinery and equipment	0	0.0	0.0	0.0	0.1	-
Electricity, gas, steam and air conditioning supply	0.2	30.1	0.1	0.0	0.1	76.1
Electricity, gas, steam and air conditioning supply	0.2	30.1	0.1	0.0	0.1	76.1
Water supply; sewerage, waste management	0.4	0.1	0.2	0.0	1.4	2.5
Water collection, treatment and supply	0.1	0.1	0.0	0.0	1.2	1.4
Waste collection, treatment and disposal activities; materials recovery	0.2	0.0	0.2	0.0	0.2	1.1
Construction	77.9	52.9	31.1	22.8	71.9	7.9
Construction of buildings	75.3	18.9	16.3	18.7	70.2	7.2
Civil engineering	2.3	33.7	14.6	3.7	0.4	0.2
Specialized construction activities	0.4	0.3	0.2	0.4	1.3	0.5

With respect to stock of finished goods, the Manufacturing sub-sector recorded the highest (64.6%). The Manufacture of food products (12.8%) and the Manufacture of fabricated metal products, except machinery and equipment (10.6%) contributed the

most within the subsector. In the Construction sub-sector, with the exception of Construction of buildings accounting for 18.7 percent, the remaining activities contributed very low proportions.

With the exception of the activities under Construction of buildings that held stocks of goods purchased for resale which accounted for 70.2 percent within the Construction sub-sector, the remaining activities within all the sub-sectors contributed less than 10 percent to each sub-sector within the Industry sector. Table 4.12 further reveals that at the group level, electricity, gas, steam and air conditioning supply held other stocks that accounted for 76.1 percent of the share of the sub-sector, while the remaining activities contributed less than 10 percent.

4.4.4 Regional distribution of type of stock in the Industry sector

At the regional level, Greater Accra region contributed GH¢9.4 billion to the total value of raw materials and supplies representing 93.3 percent with the remaining regions making up the difference of 6.7 percent. The same trend is recorded for stocks in the form of work-in-progress (WIP) with Greater Accra region contributing GH¢3.6 billion, representing 85.0 percent, while the remaining nine regions contributed the remaining 15 percent (Table 4.13).

On the other hand, for fuel, Western and Greater Accra Regions contributed 37.9 percent and 37.7 percent respectively to the total, while Ashanti Region contributed 10.6 percent. With regards to stocks of finished goods, the Greater Accra Region accounted for GH¢0.8 billion, representing 69.6 percent. This was followed by Ashanti contributing 10.2 percent, with the remaining regions contributing lower proportions to the total of finished goods.

Table 4.13 further shows that the Greater Accra region contributed GH¢0.7 billion, representing 94.8 percent to the stock of goods for resale. With regard to other stock items held at the regional level, the Greater Accra contributed close to two-thirds (65.6%) of the total while the Northern region contributed one-quarter (25.8%).

Table 4.13: Regional distribution of type of stocks in the Industry sector

Region	Raw materials and supplies GH¢	Work in progress GH¢	Fuel GH¢	Finished goods GH¢	Goods for resale GH¢	Other stocks GH¢
Western	283,971,543	98,081,149	56,445,191	78,914,841	9,149,638	162,256,454
Central	25,111,304	21,442,790	996,549	10,067,904	1,805,435	9,075,499
Greater Accra	9,420,259,381	3,635,567,741	56,157,504	770,681,846	733,824,167	1,434,906,347
Volta	78,441,524	16,208,187	4,427,785	45,844,234	2,824,657	162,848
Eastern	45,257,639	18,751,119	5,098,944	30,967,922	1,398,997	5,032,046
Ashanti	148,432,032	50,862,225	15,849,617	113,418,775	10,616,734	8,308,024
Brong Ahafo	36,623,144	19,165,970	1,102,571	30,330,194	9,894,939	1,743,454
Northern	46,376,823	414,562,159	3,678,048	22,262,181	3,204,619	565,500,552
Upper East	7,757,192	900,103	5,122,709	998,988	675,726	673,870
Upper West	3,843,895	3,635,234	209,645	3,953,934	898,803	17,258
Total	10,096,074,477	4,279,176,677	149,088,563	1,107,440,819	774,293,715	2,187,676,352

4.4.5 Type of stocks in the Industry sub-sector by size

Table 4.14 presents the distribution of the value of stocks by size of establishments in the Industry sector. From the Table, the mining and quarrying sub-sector contributed 4.8 percent to stock of goods held as raw materials and supplies. This contribution is mainly from Large-sized and Medium-sized establishments, contributing 2.1 percent, 2.4 percent respectively. With respect to work-in-progress the share of 2.9 percent contributed by the sub-sector is mainly from stocks held by Large-sized businesses.

With the 39.4 percent contribution of the mining and quarrying sub-sector to stocks held in fuel, Large-sized establishments accounted for 37.3 percent of the share. For stocks held in finished goods, the sub-sector contributed 12.5 percent to the overall Industry sector, with the Large-sized, and Medium-sized establishments contributing 3.2 percent and 9.0 percent respectively. However, in the mining and quarrying sub-sector, Large-sized businesses contributes 99.3 percent.

The Manufacturing sub-sector contributed 16.7 percent to stock of goods held as raw materials and supplies. This share is supported mainly by the contributions of Large-sized, Medium-sized, and Small-sized businesses of 10.3 percent, 3.1 percent, and 2.6 percent respectively. Regarding stocks held as work-in-progress, the share of 14.0 percent accounted for by the sub-sector is mainly held by Large-sized businesses (10%).

Out of the contribution of 29.2 percent by the Manufacturing sub-sector to stocks held as fuel, Large-sized establishments accounted for 11.8 percent. The Medium-sized, and Small-sized businesses accounted for 5.8 percent and 9.2 percent respectively.

For stocks held as finished goods, the Manufacturing sub-sector contributed 64.6 percent to the overall Industry sector with the Large, Medium, Small, and Micro sized businesses accounting for 30.2 percent, 12.6 percent, 12.3 percent, and 9.6 percent respectively.

Table 4.14 further depicts that the Manufacturing sub-sector contributed 20.3 percent to goods for resale. This is mainly made up of 11.1 percent from Large-sized businesses and 5.9 percent from the Small-sized businesses. For other stocks, the Manufacturing sub-sector contributed 6.6 percent with 5.7 percent coming from Large-sized businesses.

Table 4.14: Type of stocks in the Industry sub-sector by size

Sub-Sector/ size	Raw Materials And Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Mining and quarrying	483,601,507	125,067,273	58,778,959	138,574,397	49,231,089	151,084,513
Large-Sized Businesses	211,837,255	103,310,496	55,578,633	34,998,186	48,909,474	68,727,409
Medium-Sized Businesses	246,566,942	13,335,566	1,845,581	99,243,621	0	70,269,300
Small-Sized Businesses	25,185,116	8,409,561	1,354,656	4,239,010	317,529	12,087,504
Micro-Sized Businesses	12,194	11,650	90	93,580	4,086	300
Manufacturing	1,687,263,059	597,500,875	43,524,809	715,660,786	157,078,235	143,658,324
Large-Sized Businesses	1,039,328,739	429,503,734	17,562,235	333,987,565	85,650,664	125,339,164
Medium-Sized Businesses	309,175,990	50,609,552	8,715,526	139,595,986	12,883,399	11,015,691
Small-Sized Businesses	260,842,327	60,998,364	13,719,449	136,055,991	45,575,289	7,115,217
Micro-Sized Businesses	77,916,004	56,389,224	3,527,598	106,021,245	12,968,884	188,252

The electricity, gas, steam and air conditioning supply sub-sector contributed 30.1 percent and 76.1 percent as stock of goods held as work-in-progress and other stocks respectively. This was accounted for by Large-sized businesses (Table 4.15).

Within the Industry sector, the Construction sub-sector contributed 77.9 percent to stocks held as raw materials and supplies. About three quarters (73.8%) of these stocks were held by Small-sized businesses. For stocks held as work-in-progress, medium-sized businesses accounted for 56.1 percent to the sub-sector. In the case of stocks held as fuel, the contribution of 31.1 attributable to Large-sized, Medium-sized, Small-sized, and Micro-sized businesses which accounted for 8.1 percent, 7.7 percent, 11.6 percent, and 3.7 percent respectively.

Considering stocks held in finished goods, the Construction sub-sector contributed 22.8 percent to the overall Industry sector. Medium and Small-sized businesses accounted for 13.6 percent, and 7.8 percent respectively.

Table 4.15 further shows that the Construction sub-sector contributed 71.9 percent to goods for resale. This is accounted for largely by goods held by the Medium-sized businesses (70.3%). With respect to other stocks, the sub-sector contributed 7.9 percent with most of it from Medium-sized businesses (6.8%).

Table 4.15: Type of stocks in the Industry sub-sector by size

Sub-Sector/ size	Raw Materials And Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	22,186,921	1,286,265,472	118,795	419,559	394,690	1,665,587,407
Large-Sized Businesses	18,752,690	1,284,760,050	106,073	0	1,872	1,664,071,970
Medium-Sized Businesses	2,570,561	1,505,422	12,242	419,559	0	314,167
Small-Sized Businesses	863,637	0	480	0	392,818	1,201,270
Micro-Sized Businesses	34	0	0	0	0	0
Water supply; sewerage, waste management	37,303,723	5,918,148	351,701	303,452	11,095,310	54,760,569
Large-Sized Businesses	36,039,333	5,261,724	51,600	15,092	1,658,000	42,985,092
Medium-Sized Businesses	539,758	173,335	52,000	207,659	9,430,132	10,320,822
Small-Sized Businesses	654,652	479,941	247,601	74,354	0	1,373,706
Micro-Sized Businesses	69,979	3,148	500	6,346	7,178	80,949
Construction	7,865,719,263	2,264,424,908	46,314,298	252,482,624	556,494,389	172,585,540
Large-Sized Businesses	184,465,637	116,469,766	12,031,226	15,516,083	95,069	10,108,449
Medium-Sized Businesses	228,679,490	1,543,952,119	11,447,106	150,147,971	544,110,850	148,967,487
Small-Sized Businesses	7,446,648,838	595,030,066	17,316,324	86,621,978	11,604,869	13,507,857
Micro-Sized Businesses	5,925,298	8,972,958	5,519,643	196,592	683,601	1,746

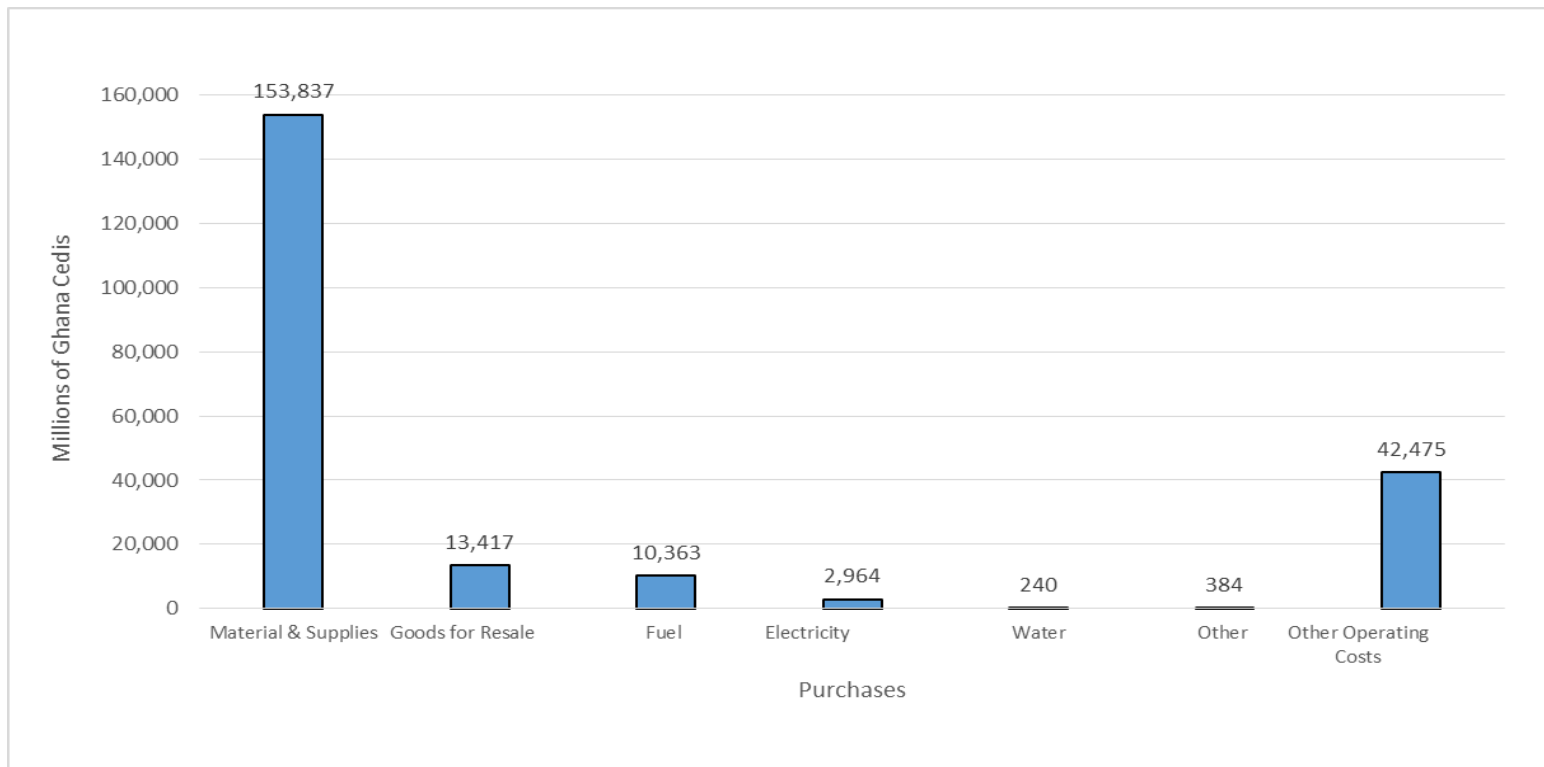
4.5 Purchases and other operating costs in the Industry sector

The purchases and other operating costs of establishments in the industry sector are presented in this section. These are the costs of resources used by establishment to maintain its existence. While these vary based upon the type of business, many basic types of operational costs exist that a business must consider when budgeting. Some of these operational costs are fixed, meaning that each cost is identical from month to month, such as rent. However, other operational costs are variable and may go up or down from month to month, such as utilities. The cost that an establishment incurs to produce its products or services is known as its production cost. The production cost is part of the overall operating costs of a business. A number of items go into the overall operating cost, such as raw materials, (material and supplies).

4.6 The value of purchases and other operating costs incurred by establishments

The survey results show that the total value of purchases and other operating costs incurred by the 535,337 establishments in the country was GH¢223.7 billion. As indicated in Figure 4.5, whereas GH¢153.8 billion, representing 68.8 percent was spent on purchasing materials and supplies for production of goods and services in the economy, other operating costs such as rents, travelling & transportation, repairs and maintenance of fixed assets amounted to GH¢42.5 billion, accounting for 19.0 percent of total costs in 2013. The least expenditure incurred in the production of goods and services was for water which, cost establishments GH¢0.24 billion.

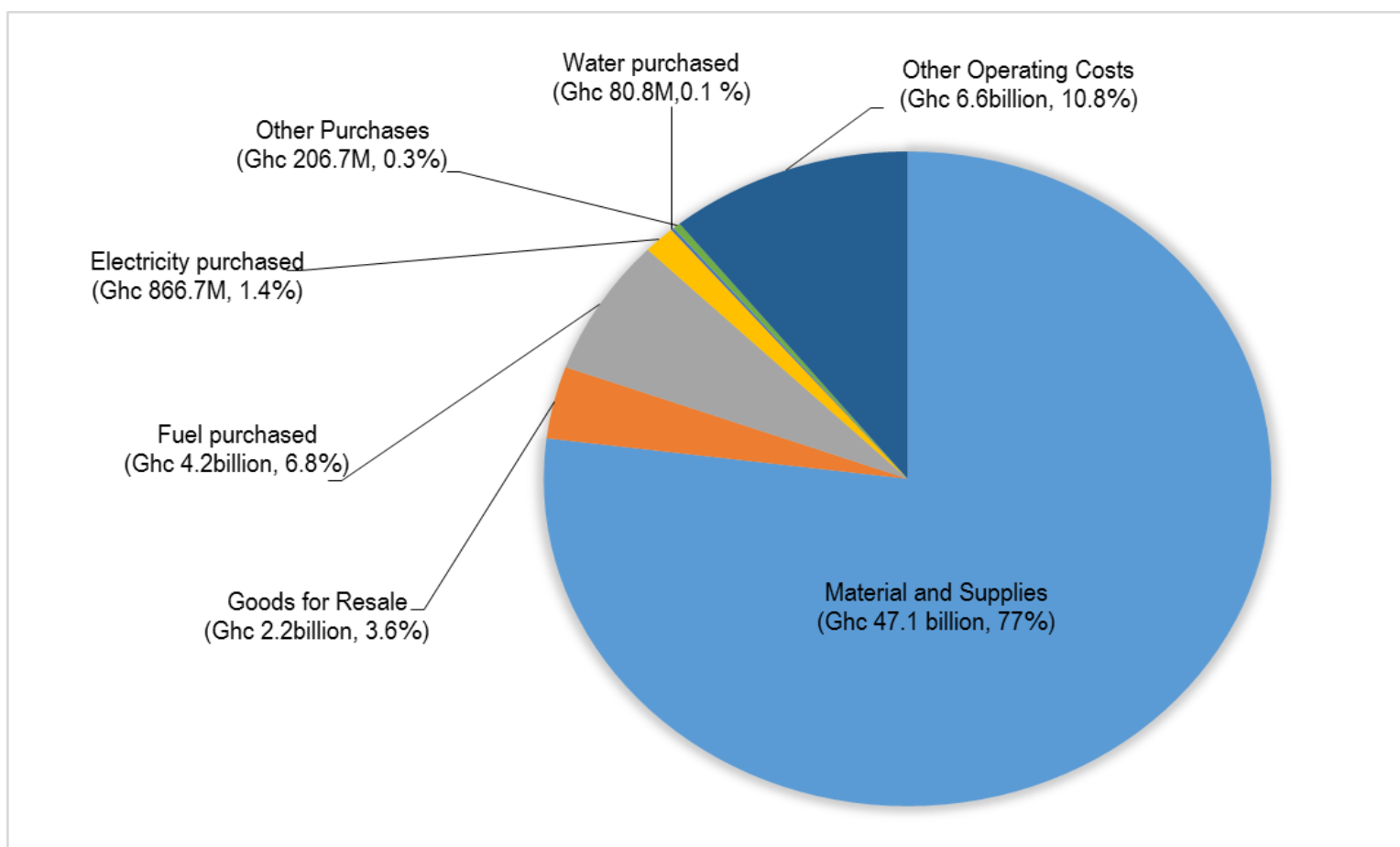
Figure 4.5: Type of purchases and other operating cost in the Industry sector



4.6.1 The value of purchases and other operating cost in the Industry sector

The total expenditure incurred by the 106,330 establishments in the Industry sector of the economy amounted to GH¢ 61.2 billion. The highest expenditure of GH¢47.1 billion was spent on purchasing materials and supplies for production, accounting for 77.0 percent of the total cost in the sector (Figure 4.6). This is followed by Other operating costs, expenditures incurred in the production process such as rent, travelling & transportation, repairs & maintenance of fixed assets, amounting to GH¢6.6 billion and accounting for 10.8 percent. The Figure further reveals that an amount of GH¢4.2 billion was spent on fuel while the least expenditure was on water (GH¢0.08 billion)

Figure 4.6: Type of purchases and other operating cost in the Industry Sector



4.6.2 Type of purchases and other operating cost by sub-sectors in the Industry sector

Table 4.16 shows that out of the total cost of GH¢61.2 billion incurred by establishments in the Industry sector, the Construction sub-sector accounted for GH¢25.7 billion in materials and supplies, constituting 54.5 percent. This was followed by the Manufacturing sub-sector which recorded GH¢16.5 billion representing 35.1 percent while GH¢0.1 billion was spent by the water supply, sewerage, waste management sub-sector.

The Table further reveals that the Mining and quarrying sub-sector incurred GH¢2.7 billion on fuel purchases, accounting for 65.9 percent during the production process. This is followed by the electricity, gas, steam and air conditioning supply sub-sector which incurred GH¢0.8 billion representing 18.6 percent, while the Construction sub-sector spent GH¢0.2 billion accounting for 5.2 percent of the total cost on fuel purchased in the Industry sector.

Table 4.16: Type and value of purchases and other operating cost in the Industry sub-sectors

Sub-sector	Material and Supplies	Goods Purchased for Resale	Fuel purchased	Electricity purchased	Water purchased	Other Purchases	Other Operating Costs	Total GH¢
Mining and quarrying	2,943,976,208	60,013,437	2,739,307,644	449,875,187	2,921,959	190,266,192	3,038,068,002	9,424,428,629
Manufacturing	16,539,757,596	991,107,497	402,025,489	306,174,093	63,134,215	14,965,862	1,704,598,816	20,021,763,568
Electricity, gas, steam and air conditioning supply	1,830,332,687	1,105,762,051	773,911,091	13,585,501	1,829,398	-	380,304,940	4,105,725,668
Water supply; sewerage, waste management	125,801,435	270,409	24,252,252	74,101,944	470,207	8,976	86,098,673	311,003,896
Construction	25,649,274,023	24,977,217	215,531,577	23,001,749	12,471,135	1,473,168	1,386,188,906	27,312,917,775
Total	47,089,141,948	2,182,130,610	4,155,028,052	866,738,473	80,826,914	206,714,198	6,595,259,337	61,175,839,532

With regard to expenditure on other operating costs, GH¢3.0 billion was spent in mining and quarrying, representing a share of 46.1 percent of the total expenditure. Manufacturing and Construction sub-sectors followed with GH¢1.7 billion and GH¢1.4 billion respectively, accounting for 25.8 percent and 21.0 percent respectively of the total expenditure spent on other operating costs in the Industry sector.

4.6.3 Type of purchases and other operating cost in the Industry sector

An analysis of purchases and other operating costs at the detailed level of activity within the Industry sector is presented in Table 4.17. At the activity level, Mining of metal ore accounted for 7.8 percent of total expenditure within the sector, amounting to GH¢4.8 billion. Mining support service activities followed with GH¢2.6 billion, accounting for 4.2 percent while the Extraction of crude petroleum and natural gas recorded GH¢1.6 billion, representing 2.7 percent of the Industry sector total expenditure.

In the Manufacturing sub-sector, Manufacture of food products had a share of 9.1 percent or GH¢5.6 billion of total expenditure followed by other manufacturing activities which includes the manufacture of jewelry, musical instruments, sports goods, with an expenditure of GH¢2.3 billion representing 3.8 percent. The Manufacture of basic metals incurred an expenditure of GH¢2.1 billion, accounting for 3.5 percent of the total expenditure of the Industry sector.

Within the Construction sub-sector, Construction of buildings accounted for 31.6 percent (GH¢19.3 billion) of the total amount of all expenditure types in the Industry. Civil engineering activities accounted for 11.0 percent (GH¢6.7 billion) while Specialized construction activities which include demolition, site preparation, and also building finishing and building completion recorded an expenditure of GH¢1.3 billion, representing 2.1 percent of the total expenditure in the Industry sector.

Table 4.17: Distribution of purchases and other operating cost in the Industry sector (%)

<i>Group</i>	Material and Supplies	Goods Purchased for Resale	Fuel purchased	Electricity purchased	Water purchased	Other Purchases	Other Operating Costs	Total
Mining and quarrying	6.3	2.8	65.9	51.9	3.6	92.0	46.1	15.4
Extraction of crude petroleum and natural gas	2.1	-	2.6	0.4	0.8	-	7.9	2.7
Mining of metal ores	3.2	0.0	12.4	47.7	2.1	91.7	32.8	7.8
Other mining and quarrying	0.2	0.4	6.8	2.0	0.4	0.4	1.0	0.7
Mining support service activities	0.8	2.3	44.1	1.8	0.3	0.0	4.3	4.2
Manufacturing	35.1	45.4	9.7	35.3	78.1	7.2	25.8	32.7
Manufacture of food products	10.5	2.0	1.5	5.5	10.1	1.5	7.0	9.1
Manufacture of beverages	1.3	0.7	2.0	6.2	30.1	0.0	3.9	1.7
Manufacture of textiles	0.4	0.2	0.5	0.5	0.6	-	0.7	0.5
Manufacture of wearing apparel	0.8	3.2	0.1	2.4	4.8	0.0	0.8	0.8
Manufacture of leather and related products	0.3	0.1	0.0	0.2	0.2	-	0.1	0.2
Manufacture of wood and of products of wood and cork, except furniture;	1.0	2.1	1.7	3.3	1.3	0.0	1.3	1.1
Manufacture of paper and paper products	0.4	0.7	0.1	0.3	0.6	-	0.5	0.4
Printing and reproduction of recorded media	0.3	0.1	0.1	0.6	0.7	0.0	0.5	0.3
Manufacture of coke and refined petroleum products	1.9	-	0.0	0.1	7.8	-	3.5	1.9
Manufacture of chemicals and chemical products	1.8	0.1	0.3	1.0	1.2	1.8	0.6	1.5
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.3	0.0	0.2	0.8	1.0	2.7	0.5	0.3
Manufacture of rubber and plastics products	1.6	0.2	0.5	2.9	3.4	1.0	1.1	1.4
Manufacture of other non-metallic mineral products	1.7	0.3	1.8	2.6	1.8	0.2	1.8	1.7
Manufacture of basic metals	4.2	0.0	0.3	5.8	1.9	-	1	3.5
Manufacture of fabricated metal products, except machinery and equipment	2.2	0.5	0.3	1.9	2.4	0.0	1.2	1.9
Manufacture of computer, electronic and optical products	0.2	0.5	0.0	0.0	0.2	-	0.0	0.1
Manufacture of electrical equipment	2.2	0.0	0.0	0.1	0.1	-	0.1	1.7
Manufacture of machinery and equipment n.e.c.	0.1	0.0	0.0	0.1	0.1	-	0.1	0.1
Manufacture of furniture	0.6	0.4	0.1	0.6	1.4	-	0.8	0.6
Other manufacturing	3.4	34.1	0.0	0.1	7.9	-	0.1	3.8
Repair and installation of machinery and equipment	0.1	0.1	0.0	0.2	0.4	0.0	0.1	0.1
Electricity, gas, steam and air conditioning supply	3.9	50.7	18.6	1.6	2.3	-	5.8	6.7
Electricity, gas, steam and air conditioning supply	3.9	50.7	18.6	1.6	2.3	-	5.8	6.7
Water supply; sewerage, waste management	0.3	0.0	0.6	8.5	0.6	0.0	1.3	0.5
Water collection, treatment and supply	0.2	0.0	0.1	8.3	0.1	-	0.8	0.4
Waste collection, treatment and disposal activities; materials recovery	0.0	0.0	0.4	0.3	0.5	0.0	0.5	0.1
Construction	54.5	1.1	5.2	2.7	15.4	0.7	21.0	44.6
Construction of buildings	39.8	0.5	2.5	1.2	5.7	0.3	7.3	31.6
Civil engineering	12.2	0.0	2.4	1.1	8.5	0.3	12.8	11.0
Specialized construction activities	2.5	0.7	0.3	0.3	1.2	0.0	0.9	2.1

4.6.4 Type of purchases and other operating cost in the Industry sector by Region

Table 4.18, shows that at the regional level, establishments in the Greater Accra region engaged in Industry activities incurred a total cost of GH¢43.3 billion on all expenditure types, accounting for 70.7 percent total expenditure in the sector, followed by the Western region with GH¢6.2 billion, representing 12.5 percent. Establishments in Eastern region spent GH¢3.3 billion, representing 5.4 percent of the Industry sector total expenditure in 2013.

Table 4.18: Distribution of value of purchases and other operating cost by type and region

Region	Material and Supplies	Goods Purchased for Resale	Fuel purchased	Electricity purchased	Water purchased	Other Purchases	Other Operating Costs	Total GH¢
Western	3,172,922,251	171,084,741	453,895,469	198,563,350	3,677,534	192,115,066	1,972,494,166	6,164,752,577
Central	494,554,904	77,140,548	13,265,154	6,623,407	1,041,618	23,611	42,936,337	635,585,579
Greater Accra	34,881,191,498	1,447,296,781	3,284,852,906	297,304,882	67,906,837	13,992,747	3,268,757,077	43,261,302,728
Volta	1,155,046,210	80,392,982	18,471,494	20,147,369	815,569	2,001	52,329,652	1,327,205,277
Eastern	2,183,473,971	17,394,115	224,101,200	157,524,974	890,580	120,984	709,699,780	3,293,205,604
Ashanti	2,408,807,169	322,706,086	57,801,551	140,806,868	3,048,409	346,735	286,011,388	3,219,528,206
Brong Ahafo	621,907,526	46,094,587	76,045,248	17,894,760	1,050,308	107,438	41,177,191	804,277,058
Northern	1,755,744,523	13,899,311	19,873,643	14,716,067	957,653	0	198,454,783	2,003,645,980
Upper East	164,449,391	4,091,447	3,821,727	10,370,110	376,432	0	16,003,448	199,112,555
Upper West	251,044,504	2,030,013	2,899,660	2,786,686	1,061,972	5,616	7,395,513	267,223,964

4.6.5 Type of purchases and other operating cost in the Industry sub-sector and establishment size

With respect to the type of expenditure made in the Industry sector and size of businesses, Large-sized, and Medium-sized establishments in the Mining and quarrying subsector expended GH¢5.8 billion, and GH¢3.1 respectively representing 9.5 percent and 5.1 percent respectively (Table 4.19). In the Manufacturing sub-sector, Large-sized businesses spent almost GH¢11.0 billion of the total Industry sector expenditure in the production process, representing 17.9 percent.

Table 4.19: Type and value of purchases and other operating cost in the Mining and quarrying and Manufacturing sub-sectors by size

Sub-sector/size	Material and Supplies	Goods Purchased for Resale	Fuel purchased	Electricity purchased	Water purchased	Other Purchases	Other operating costs	Total
INDUSTRY	47,089,141,948	2,182,130,610	4,155,028,052	866,738,473	80,826,914	206,714,198	6,595,259,337	61,175,839,532
Large-Sized	18,345,439,830	1,195,486,991	1,995,441,537	663,881,663	50,309,214	200,998,643	4,137,122,671	26,588,680,549
Medium-Sized	7,848,135,978	20,986,758	1,990,062,739	71,443,221	12,088,262	5,550,436	1,744,573,078	11,692,840,472
Small-Sized	19,822,047,902	899,925,064	148,604,923	89,627,231	11,707,096	142,884	591,715,146	21,563,770,246
Micro-Size	1,073,518,238	65,731,797	20,918,854	41,786,358	6,722,341	22,235	121,848,442	1,330,548,265
Mining and quarrying	2,943,976,208	60,013,437	2,739,307,644	449,875,187	2,921,959	190,266,192	3,038,068,002	9,424,428,629
Large-Sized	2,005,530,334	49,961,546	888,388,002	416,690,727	2,284,064	189,432,784	2,243,336,979	5,795,624,436
Medium-Sized	691,708,869	9,677,085	1,829,136,844	6,072,064	319,435	810,692	598,595,488	3,136,320,477
Small-Sized	245,786,699	297,805	21,626,855	27,006,275	310,185	17,100	194,855,111	489,900,030
Micro-Sized	950,306	77,000	155,943	106,120	8,275	5,616	1,280,425	2,583,685
Manufacturing	16,539,757,596	991,107,497	402,025,489	306,174,093	63,134,215	14,965,862	1,704,598,816	20,021,763,568
Large-Sized	9,246,836,727	40,119,470	257,479,220	159,426,844	44,317,152	10,911,987	1,216,681,706	10,975,773,106
Medium-Sized	2,389,070,393	6,911,104	77,547,978	56,303,181	5,511,822	3,997,094	202,249,555	2,741,591,127
Small-Sized	4,017,370,271	879,718,890	48,915,444	49,777,100	7,064,403	40,162	179,567,607	5,182,453,877
Micro-Sized	886,480,206	64,358,034	18,082,847	40,666,969	6,240,837	16,619	106,099,949	1,121,945,461

In the electricity, gas, steam and air conditioning supply sub-sector, the Large-sized businesses incurred a total expenditure of GH¢3.9 billion, representing 6.3 percent of the total Industry sector expenditure while Small-sized businesses spent GH¢0.1 billion in the production process representing only 0.2 percent to the total expenditure for the Industry sector (Table 4.20).

With respect to the Construction sub-sector, Small-sized businesses expended a total of GH¢15.7 billion on all expenditure types, accounting for 25.7 percent of the total Industry sector expenditure. On the other hand, Large-sized, and Medium-sized businesses spent about GH¢5.7 billion each, contributing 9.3 percent to the total expenditure for the Industry sector.

Table 4.20: Type of purchases and other operating cost in Electricity, Water and Construction sub-sectors by size

Sub-sector/size	Material and Supplies	Goods Purchased for Resale	Fuel purchased	Electricity purchased	Water purchased	Other Purchases	Other operating costs	Total
INDUSTRY	47,089,141,948	2,182,130,610	4,155,028,052	866,738,473	80,826,914	206,714,198	6,595,259,337	61,175,839,532
Large-Sized	18,345,439,830	1,195,486,991	1,995,441,537	663,881,663	50,309,214	200,998,643	4,137,122,671	26,588,680,549
Medium-Sized	7,848,135,978	20,986,758	1,990,062,739	71,443,221	12,088,262	5,550,436	1,744,573,078	11,692,840,472
Small-Sized	19,822,047,902	899,925,064	148,604,923	89,627,231	11,707,096	142,884	591,715,146	21,563,770,246
Micro-Size	1,073,518,238	65,731,797	20,918,854	41,786,358	6,722,341	22,235	121,848,442	1,330,548,265
Electricity, gas, steam and air conditioning supply	1,830,332,687	1,105,762,051	773,911,091	13,585,501	1,829,398	0	380,304,940	4,105,725,668
Large-Sized	1,656,126,439	1,105,351,500	762,706,896	12,862,283	1,748,017	0	345,384,520	3,884,179,655
Medium-Sized	78,703,501	357,551	1,383,184	222,818	4,980	0	2,610,022	83,282,056
Small-Sized	80,701,390	0	9,815,211	495,331	75,939	0	32,282,335	123,370,206
Micro-Sized	14,801,356	53,000	5,800	5,070	461	0	28,062	14,893,749
Water supply; sewerage, waste management	125,801,435	270,409	24,252,252	74,101,944	470,207	8,976	86,098,673	311,003,896
Large-Sized	112,271,755	54,476	19,927,448	69,434,475	331,634	8,922	57,469,940	259,498,650
Medium-Sized	6,208,716	83,993	1,900,963	267,651	35,372	0	17,984,924	26,481,619
Small-Sized	6,172,186	52,750	2,341,272	4,008,304	59,015	54	10,280,083	22,913,664
Micro-Sized	1,148,779	79,191	82,569	391,514	44,186	0	363,726	2,109,965
Construction	25,649,274,023	24,977,217	215,531,577	23,001,749	12,471,135	1,473,168	1,386,188,906	27,312,917,775
Large-Sized	5,324,674,576	0	66,939,971	5,467,334	1,628,347	644,950	274,249,526	5,673,604,704
Medium-Sized	4,682,444,500	3,957,025	80,093,769	8,577,507	6,216,652	742,650	923,133,090	5,705,165,193
Small-Sized	15,472,017,356	19,855,619	65,906,142	8,340,222	4,197,554	85,568	174,730,010	15,745,132,471
Micro-Sized	170,137,591	1,164,573	2,591,695	616,685	428,581	0	14,076,280	189,015,405

4.7 Sales and receipts of establishments in the Industry Sector

For all establishments classified in an industry, value of receipts includes the value of all primary products of the industry; the value of secondary products which are primary to other industries; the receipts for contract work done for others; and the value of products purchased and resold without further processing. The receipts also included the rental and leasing of vehicles, equipment, instruments, tools, etc.; total value of service contracts; market value of compensation received in lieu of cash; amounts received for work subcontracted to others; dues and assessments for members and affiliates.

4.7.1 Type of sales and receipts in the Industry sector

The total value of Sales and Receipts by the 106,330 Industry sector establishments for selling outputs produced in the sector was GH¢ 81.2 billion (Table 4.21). This is made up of GH¢74.6 billion from Sales from main industrial activity representing 91.9 percent of the total Sales and Receipts in the Industry sector and Receipts from non-industrial services which contributed GH¢3.2 billion. The other types of Sales and Receipts in the sector, such as Receipts for Contract work done, repair and installation services and other industrial services accounted for less than 5 percent of the Industry total.

Table 4.21: Type and value of sales and receipts of the Industry Sector

	GH¢	Percentage
Sales from main industrial activity	74,602,228,102	91.92
Receipts for Contract work done	1,347,954,249	1.66
Receipts for repair and installation services	713,931,448	0.88
Receipts for other industrial services	869,692,543	1.07
Receipts from non-industrial services	3,240,110,035	3.99
Sale of goods sold in same condition	383,224,849	0.47
Total	81,157,141,226	100.00

4.7.2 Type of sales and receipts of sub-sectors in the Industry sector

Out of the total Sales and Receipts of GH¢81.2 billion received by establishments in the Industry sector, the Manufacturing sub-sector received GH¢42.1 billion representing 51.8 percent. This is followed by the Mining and quarrying sub-sector which received GH¢20.0 billion, representing 24.6 percent. The Construction sub-sector received GH¢11.3 from all type of Sales and Receipts in the Industry sector (Table 4.22).

The Table further reveals that out of GH¢20.0 billion received from the sales and receipts in the extractive sub-sector, GH¢16.5 billion (82.5%) was received from Sales from main industrial activity while GH¢2.6 billion (1.38%) was from non-industrial services. The least revenue was from Receipts for repair and installation services, representing 0.5 percent.

Within the Manufacturing sub-sector, out of the GH¢42.1 billion proceeds received, GH¢41.0 billion, representing 97.4 percent was from Sales of output from its main industrial activity while GH¢0.7 billion or 1.6 percent was from contract work done.

The Electricity, gas, steam and air conditioning supply sub-sector which received GH¢6.6 billion representing 8.1 percent of the total share of the Industry sector, received GH¢6.1 billion (92.4%) as Sales from its main industrial activity. On the other hand, the Construction sub-sector received GH¢9.9 billion from its main industrial activity accounting for 86.8 percent of the total Sales within the sub-sector.

Table 4.22: Type and value of sales and receipts by sub-sectors in the Industry sector

Sub-sector	Sales from main industrial activity	Receipts for Contract work done	Receipts for repair and installation services	Receipts for other industrial services	Receipts from non-industrial services	Sale of goods sold in same condition	Total sales and receipts
Mining and quarrying	16,498,255,877	212,169,452	3,260,925	693,879,564	2,586,263,673	6,467,164	20,000,296,655
Manufacturing	40,989,025,642	696,892,787	12,822,538	22,200,445	114,192,452	236,469,866	42,071,603,730
Electricity, gas, steam and air conditioning supply	6,130,659,139	90,908,054	59,011,951	94,753,725	125,698,823	71,598,663	6,572,630,355
Water supply; sewerage, waste management	1,105,755,668	4,937,003	802,914	2,851,858	24,102,420	75,810	1,138,525,673
Construction	9,878,531,777	343,046,954	638,033,121	56,006,951	389,852,667	68,613,347	11,374,084,817
Total	74,602,228,103	1,347,954,250	713,931,449	869,692,543	3,240,110,035	383,224,850	81,157,141,230

4.7.3 Type of sales and receipts in the Industry sub-sectors

At the group level of activity, Mining of metal ores and Extraction of crude petroleum and natural gas within the Mining and quarrying sub-sector received 10.4 percent each as share of the sector's from Sales from main industrial activity. However, the Extraction of crude petroleum and natural gas received 77.7 percent from the sales of proceeds from non-industrial services (Table 4.23).

In the Manufacturing sub-sector, manufacture of coke and refined petroleum products received 28.0 percent from main industrial activity, followed by the manufacture of food products with 7.2 percent, and manufacture of rubber and plastics products, 3.3 percent. On proceeds from contract work done, manufacture of wearing apparel received 17.2 percent, while the manufacture of fabricated metal products, except machinery and equipment and manufacture of beverages had 8.8 percent 8.4 percent respectively.

Concerning Sale of goods sold in the same condition, manufacture of textiles recorded a receipt of 10.9 percent, followed by manufacture of wearing apparel with 10.2 percent, while manufacture of fabricated metal products, except machinery and equipment accounted for 9.2 percent.

In the Construction sub-sector, Construction of buildings received 79.2 percent of the total sales and receipts from repair and installation services, 22.8 percent from Contract work done, and 11.0 percent from proceeds of goods sold in the same condition.

Table 4.23: Type of sales and receipts in the Industry sub-sectors (%)

<i>Industry</i>	Sales from main industrial activity	Receipts for Contract work done	Receipts for repair and installation services	Receipts for other industrial services	Receipts from non-industrial services	Sale of goods sold in same condition	Total sales and receipts
<i>Mining and quarrying</i>	22.1	15.7	0.5	79.8	79.8	1.7	24.6
Extraction of crude petroleum and natural gas	10.4	0.6	-	2.5	77.7	-	12.7
Mining of metal ores	10.4	4.6	0.0	42.1	1.6	0.3	10.1
Other mining and quarrying	0.8	0.4	0.1	11.4	0.3	0.3	0.8
Mining support service activities	0.6	10.2	0.4	23.8	0.3	1.2	1.0
<i>Manufacturing</i>	54.9	51.7	1.8	2.6	3.5	61.7	51.8
Manufacture of food products	7.2	8.4	0.0	0.3	0.6	4.7	6.8
Manufacture of beverages	2.4	0.0	0.2	0.0	1.0	1.3	2.3
Manufacture of textiles	1.0	0.8	-	0.0	0.1	10.9	0.9
Manufacture of wearing apparel	0.7	17.2	0.0	0.0	0.0	10.2	1.0
Manufacture of leather and related products	0.2	0.7	0.0	-	0.1	0.5	0.2
Manufacture of wood and of products of wood and cork, except furniture;	1.9	2.4	0.0	0.7	0.1	3.2	1.8
Manufacture of paper and paper products	0.5	0.7	-	-	0.0	0.5	0.5
Printing and reproduction of recorded media	0.8	2.2	-	0.0	0.2	0.4	0.8
Manufacture of coke and refined petroleum products	28	-	-	-	-	0.0	25.7
Manufacture of chemicals and chemical products	1.9	0.2	0.2	1.5	0.1	3.0	1.8
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.4	0.0	-	-	0.5	0.7	0.4
Manufacture of rubber and plastics products	3.3	0.0	0.0	0.0	0.1	1.0	3.0
Manufacture of other non-metallic mineral products	1.4	1.6	0.0	0.0	0.4	6.5	1.4
Manufacture of basic metals	0.9	1.3	0.0	0.0	0.0	0.3	0.9
Manufacture of fabricated metal products, except machinery and equipment	2.0	8.8	0.5	0.0	0.1	9.2	2.0
Manufacture of computer, electronic and optical products	0.0	0.0	-	-	0.0	0.0	0.0
Manufacture of electrical equipment	0.2	1.5	-	-	0.0	0.1	0.2
Manufacture of machinery and equipment n.e.c.	0.1	0.2	0.0	-	0.0	0.4	0.1
Manufacture of motor vehicles, trailers and semi-trailers	0.0	0.2	-	-	-	0.1	0.0
Manufacture of other transport equipment	0.0	0.0	-	-	-	0.0	0.0
Manufacture of furniture	0.7	3.7	0.0	-	0.1	3.4	0.7
Other manufacturing	1.1	0.2	0.7	-	0.0	0.3	1.0
Repair and installation of machinery and equipment	0.1	1.6	0.1	0.0	0.3	5.0	0.1
<i>Electricity, gas, steam and air conditioning supply</i>	8.2	6.7	8.3	10.9	3.9	18.7	8.1
Electricity, gas, steam and air conditioning supply	8.2	6.7	8.3	10.9	3.9	18.7	8.1
<i>Water supply; sewerage, waste management</i>	1.5	0.4	0.1	0.3	0.7	0.0	1.4
Water collection, treatment and supply	0.7	0.0	0.1	0.0	0.4	0.0	0.7
Waste collection, treatment and disposal activities; materials recovery	0.7	0.4	0.0	0.3	0.4	-	0.7
<i>Construction</i>	13.2	25.4	89.4	6.4	12.0	17.9	14
Construction of buildings	8.1	22.8	79.2	3.8	6.9	11.0	8.9
Civil engineering	4.8	0.8	3.6	2.0	4.1	1.4	4.6
Specialized construction activities	0.4	1.8	6.6	0.6	1.0	5.5	0.5

4.7.4 Type of sales and receipts by Region

At the regional level, Greater Accra received GH¢48.7 billion from main industrial activity representing 65.3 percent of the total sales and receipt of the Industry sector. This is followed by Western (GH¢13.1 billion), and Ashanti (GH¢4.2 billion) regions, contributing 17.6 percent and 5.7 percent respectively (Table 4.24).

On receipts from repair and installation services, Greater Accra received GH¢0.7 billion, accounting for 97.1 percent of the total sales and receipt of the Industry sector, while the remaining regions contributed 2.9 percent.

Table 4.24: Type and value of sales and receipts by Region

Region	Sales from main industrial activity	Receipts for Contract work done	Receipts for repair and installation services	Receipts for other industrial services	Receipts from non-industrial services	Sale of goods sold in same condition
Western	13,102,886,506	66,094,517	3,169,498	433,933,454	2,572,317,548	93,854,339
Central	826,816,367	46,981,505	109,763	42,404,857	5,918,740	11,562,604
Greater Accra	48,731,986,709	831,611,788	693,468,927	329,430,284	597,089,060	161,811,192
Volta	1,160,768,037	21,110,347	901,892	7,673,471	6,928,093	11,767,037
Eastern	3,759,759,819	40,600,751	932,848	2,977,930	29,353,511	17,657,189
Ashanti	4,248,082,243	118,077,515	5,539,767	40,904,541	13,642,210	34,736,179
Brong Ahafo	1,587,921,490	77,614,014	370,355	6,891,616	9,506,775	35,221,361
Northern	775,777,661	85,045,350	8,577,170	5,241,769	1,756,135	9,349,719
Upper East	216,580,708	37,091,164	804,983	126,165	175,264	4,613,054
Upper West	191,648,562	23,727,298	56,246	108,457	3,422,700	2,652,175
Total	74,602,228,102	1,347,954,249	713,931,449	869,692,544	3,240,110,036	383,224,849

4.7.5 Type of sales and receipts in the Industry sub-sectors and establishment size

With respect to sales and receipts of establishments in the mining and quarrying sector, Large-sized and Medium-sized businesses received GH¢10.8 billion (14.5%) and GH¢5.1 billion (6.9%) respectively from their main industrial activity.

In the Manufacturing sub-sector, while the Large-sized establishments received GH¢30.2 billion as the total amount from their main industrial activity, Small-sized businesses obtained GH¢4.9 billion, and the medium-sized GH¢4.5 billion, contributing 6.0 percent of the total proceeds from sales and receipts.

Table 4.25: Type and value of sales and receipts in the Mining and quarrying and Manufacturing sub-sectors by size

Subsector/size	Sales from main industrial activity	Receipts for Contract work done	Receipts for repair and installation services	Receipts for other industrial services	Receipts from non-industrial services	Sale of goods sold in same condition	Total sales and receipts
Mining and quarrying	16,498,255,877	212,169,452	3,260,925	693,879,564	2,586,263,673	6,467,164	20,000,296,655
Large-Sized	10,801,166,323	167,960,040	11,800	400,251,940	2,557,264,121	6,000	13,926,660,224
Medium-Sized	5,126,992,507	41,508,770	3,075,475	223,550,863	21,973,545	3,605,427	5,420,706,587
Small-Sized	558,529,256	2,616,642	173,500	70,055,911	6,921,357	2,750,237	641,046,903
Micro-Sized	11,567,790	84,000	150	20,850	104,650	105,500	11,882,940
Manufacturing	40,989,025,642	696,892,787	12,822,538	22,200,445	114,192,452	236,469,866	42,071,603,730
Large-Sized	30,203,250,866	33,779,814	1,202,850	15,071,684	75,213,369	44,865,844	30,373,384,427
Medium-Sized	4,473,127,384	59,241,104	5,623,280	6,606,163	19,725,953	14,939,211	4,579,263,095
Small-Sized	4,929,430,015	292,891,629	5,734,307	477,698	5,730,187	108,014,474	5,342,278,310
Micro-Sized	1,383,217,377	310,980,240	262,100	44,900	13,522,943	68,650,338	1,776,677,898

In the Electricity, gas, steam and air conditioning supply sub-sector, Large-sized businesses received GH¢5.7 billion of the total amount of all sales and receipts representing 7.6 percent of the total Industry sector.

Within the Construction sub-sector, Medium-sized establishments received GH¢6.2 billion (8.3%), while the Small-sized and Large-sized businesses received GH¢2.0 billion (2.7%), and GH¢1.6 billion (2.1%) respectively of total Industry sector sales and receipts from their main industrial activity.

Table 4.26: Type of sales and receipts in the Electricity, Water supply and waste management by size

Subsector/size	Sales from main industrial activity	Receipts for Contract work done	Receipts for repair and installation services	Receipts for other industrial services	Receipts from non-industrial services	Sale of goods sold in same condition	Total sales and receipts
Electricity, gas, steam and air conditioning supply	6,130,659,139	90,908,054	59,011,951	94,753,725	125,698,823	71,598,663	6,572,630,355
Large-Sized	5,693,400,867	90,908,054	57,600,579	94,753,725	122,385,276	0	6,059,048,501
Medium-Sized	8,934,877	0	0	0	88,286	64,066,140	73,089,303
Small-Sized	427,084,555	0	1,411,372	0	3,210,761	0	431,706,688
Micro-Sized	1,238,840	0	0	0	14,500	7,532,523	8,785,863
Water supply; sewerage, waste management	1,105,755,668	4,937,003	802,914	2,851,858	24,102,420	75,810	1,138,525,673
Large-Sized	828,145,528	10,680	600	375,100	11,741,350	0	840,273,258
Medium-Sized	59,027,475	3,807,700	0	118,560	11,826,256	1,493	74,781,484
Small-Sized	212,515,528	1,048,039	785,834	468,187	292,618	10,275	215,120,481
Micro-Sized	6,067,137	70,583	16,480	1,890,011	242,196	64,042	8,350,449
Construction	9,878,531,777	343,046,954	638,033,121	56,006,951	389,852,667	68,613,347	11,374,084,817
Large-Sized	1,590,267,667	29,301,572	28,361,195	22,537,429	145,307,800	3,636,838	1,819,412,501
Medium-Sized	6,203,657,441	32,824,833	28,867,589	16,181,872	25,661,034	22,705,527	6,329,898,296
Small-Sized	1,995,753,395	235,047,272	579,436,987	13,375,569	212,661,733	39,255,445	3,075,530,401
Micro-Sized	88,853,275	45,873,277	1,367,350	3,912,080	6,222,100	3,015,537	149,243,619

4.8 Fixed assets of businesses in the Industry sector

This section discusses the various fixed assets, tangible and intangible, of all establishments in the Industry sector. This includes already existing fixed assets, additions, disposals and their depreciation. The assets are categorized into eight (8), namely; Intangible Assets, Land, Other Construction and land Improvements, Buildings, Transport and Equipment, Machinery and Other Equipment Furniture and Fittings and Other Tangible Assets.

4.8.1 Value of fixed assets of businesses in the Industry sector at the end of year

Table 4.27 shows that within the Industry sector, the mining and quarrying sub-sector recorded GH¢574.3 million (95.8%) out of the total of GH¢599.4 million of Intangible assets at the end of the year. Similarly, the mining and quarrying sub-sector had the largest share of Land accounting for almost GH¢15.0 billion (93.2%). Machinery and other equipment and furniture and fittings in the mining and quarrying sub-sector were valued at GH¢50.3 billion (60.3%) and GH¢499.4 million (58.8 %) respectively as Intangible assets. Electricity, gas, steam and air conditioning supply had the largest share of assets stock in the form of Buildings, accounting for GH¢2.4 billion (46.3%) of the GH¢5.2 billion of all buildings in the Industry sector. This sub-sector however, recorded the least value of assets in the categories of Intangible assets (GH¢246,763), Land (GH¢11.4 million), and Other Tangible assets (GH¢9.0 million).

Table 4.27: Value of assets at the end of year in the Industry sector

Type of asset	Industry Sector	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	Water supply; sewerage, waste management	Construction
Intangible Assets	599,382,863	574,316,277	11,603,301	246,763	9,613,232	3,603,289
Land	16,067,653,205	14,967,498,799	234,456,161	11,494,985	286,981,053	567,222,208
Other Construction and land Improvements	6,443,072,876	868,020,875	3,500,390,558	1,714,686,050	248,723,175	111,252,218
Buildings	5,180,301,771	538,384,147	1,930,724,528	2,397,737,614	77,724,755	235,730,727
Transport and Equipment	10,811,717,766	1,872,391,955	7,660,805,355	252,501,835	620,156,558	405,862,063
Machinery and Other Equipment	83,424,368,217	50,296,124,140	23,136,831,978	7,281,047,332	631,512,881	2,078,851,887
Furniture and Fittings	850,118,252	499,449,609	118,834,487	55,497,535	119,128,340	57,208,281
Other Tangible Assets	559,618,975	214,008,911	258,407,065	9,024,090	44,459,498	33,719,411

4.8.2 Value of fixed assets of businesses in the Industry sector at the end of year by region

Table 4.30 shows the value of assets (stock) at the end of the year in the industry sector by regions. From the table, except for the Transport and equipment category that the Eastern region recorded the largest share of 67.4 percent (GH¢7.3 billion), the Greater Accra region had the largest share in the rest of the assets categories. The region had a share of 98.8 percent of Land (GH¢15.9 billion) and 92.3 of Intangible assets (GH¢553.3) in the Industry sector. The Greater Accra Region also had a share

of 57.4 percent, 81.6 percent, 92.9 percent and 81.6 percent respectively in the form of other tangible assets, Machinery and other equipment, other construction and land improvement and furniture and fittings. The Upper East and Upper West regions had the smallest shares in all the assets categories in the Industry sector.

Table 4.28: Value of fixed asset at the end of year in the Industry Sector by Region

Region	Intangible Assets (GH¢)	Land (GH¢)	Other Construction and land Improvements (GH¢)	Buildings (GH¢)	Transport and Equipment (GH¢)	Machinery and Other Equipment (GH¢)	Furniture and Fittings (GH¢)	Other Tangible Assets (GH¢)
All Industry	599,382,863	16,067,653,205	6,443,072,876	5,180,301,771	10,811,717,766	83,424,368,217	850,118,252	559,618,975
Western	36,434,206	22,626,960	95,302,407	246,057,845	194,417,834	13,002,879,350	54,630,441	141,782,875
Central	756,488	14,494,224	2,610,309	62,930,952	23,208,234	625,845,304	5,978,490	56,519,275
Greater Accra	553,338,558	15,878,671,943	5,986,131,702	3,681,908,825	2,892,425,391	57,062,025,597	693,577,299	321,351,593
Volta	1,060,204	3,424,756	6,125,878	63,508,546	34,045,416	373,392,095	31,801,540	917,541
Eastern	565,455	5,886,880	34,746,695	157,021,565	7,286,900,826	679,919,458	9,789,860	5,621,299
Ashanti	4,768,816	14,793,453	309,153,683	812,920,419	210,646,452	11,312,019,017	46,686,931	16,513,019
Brong Ahafo	138,981	112,412,325	240,660	82,362,664	25,310,196	198,666,583	4,565,257	15,736,295
Northern	1,897,218	12,000,237	531,277	45,055,837	118,203,826	113,544,021	1,707,004	489,112
Upper East	18,186	575,215	79,813	10,545,442	13,088,432	11,699,756	688,941	334,640
Upper West	404,749	2,767,213	8,150,452	17,989,674	13,471,160	44,377,036	692,489	353,325

4.8.3 Value of fixed assets of businesses in the Industry sector at the end of year by size

Table 4.29 shows the categories of stock of assets of Industry sector establishments at the end of the year by size of establishment (Large, Medium, Small and Micro). The assets are distributed among the various size categories as follows: Medium-sized establishments had the largest asset stocks at the end of the year in the form of Machinery and other Equipment (GH¢48.4 billion), Land (GH¢15.4 billion), Transport and Equipment (GH¢9.6 billion), Other construction and land improvement, (GH¢3.3 billion), Buildings (GH¢2.8 billion) and Furniture and fittings (GH¢620.5 million).

Table 4.29: Value of fixed asset at the end of year in Industry Sector by size of Establishments

	Intangible Assets (GH¢)	Land (GH¢)	Other Construction and land Improvements (GH¢)	Buildings (GH¢)	Transport and Equipment (GH¢)	Machinery and Other Equipment (GH¢)	Furniture and Fittings (GH¢)	Other Tangible Assets (GH¢)
Industry	599,382,863	16,067,653,205	6,443,072,876	5,180,301,771	10,811,717,766	83,424,368,217	850,118,252	559,618,975
Large-Sized Businesses	43,555,081	452,265,911	2,429,563,595	1,404,378,585	597,576,412	14,884,149,295	167,515,949	342,476,367
Medium-Sized Businesses	10,649,438	15,403,696,948	3,281,342,244	2,759,275,036	9,660,779,415	48,359,492,011	620,521,131	121,239,261
Small-Sized Businesses	540,971,061	189,163,858	728,225,400	760,355,847	486,212,157	20,070,034,519	46,498,404	91,028,848
Micro-Sized Businesses	4,207,283	22,526,488	3,941,637	256,292,303	67,149,782	110,692,393	15,582,768	4,874,499

Large-sized establishments also had the largest share of Other Tangible Assets amounting to GH¢342.5 million (61.2%) in the Industry sector while Micro-sized establishment have the smallest value of assets in all the asset categories in the industry sector.

4.8.4 Gross additions to fixed assets in the Industry sector

Table 4.30 shows that the Industry sector made more additions to fixed assets in the form of Machinery and other equipment recording GH¢19.2 billion (93.7%) out of the GH¢20.5 billion spent on all machinery and other equipment. The Mining and Quarrying sub-sector added more assets to its asset stock in four asset categories; Machinery and Other Equipment (GH¢14.3 billion), Transport and equipment (GH¢2.1 billion), Furniture and fittings (GH¢476.7 million) and Intangible assets (GH¢63.3 million). The Manufacturing sub-sector also added more to its assets stock in three asset categories; Other construction and land improvement (GH¢1.7 billion), Buildings (GH¢369.5 million) and other tangible assets GH¢92.0 million. The Water supply, sewerage and waste management added more Land to its stock (GH¢128.9 million) in the sector. Construction and Electricity, gas, steam and air conditioning supply had the least additions to assets.

Table 4.30: Gross additions to fixed assets (purchases of fixed assets) by Industry sub-sector

	Intangible Assets (GH¢)	Land (GH¢)	Other Construction and land Improvements (GH¢)	Buildings (GH¢)	Transport and Equipment (GH¢)	Machinery and Other Equipment (GH¢)	Furniture and Fittings (GH¢)	Other Tangible Assets (GH¢)
INDUSTRY	68,245,069	189,168,104	2,490,310,284	631,662,438	2,600,088,383	19,248,388,787	667,568,600	180,161,199
Mining and quarrying	63,349,023	4,101,545	61,517,720	102,955,541	2,130,187,033	14,265,281,248	476,672,373	28,009,989
Manufacturing	3,979,128	36,825,559	1,661,883,586	369,485,672	163,433,001	744,454,543	31,729,505	92,010,134
Electricity, gas, steam and air conditioning supply	55,951	1,275,780	506,400,000	144,505,660	107,209,847	2,594,422,905	23,097,497	10,242,808
Water supply; sewerage, waste management	63,401	128,953,475	251,578,965	5,538,552	124,414,305	203,408,303	114,492,278	36,585,764
Construction	797,566	18,011,745	8,930,013	9,177,012	74,844,197	1,440,821,788	21,576,946	13,312,504

4.8.5 Gross additions to fixed assets in the Industry sector by Region

Table 4.31 shows the value of gross additions to fixed assets by region in the industry sector. Except for gross addition to Intangible assets where the Western region added GH¢64.4 million, most of the additions to fixed assets occurred in the Greater Accra region which recorded high values of addition; Machinery and Other Equipment (GH¢14.0 billion), Other Construction and land Improvements (GH¢2.4 billion), Transport and Equipment (GH¢2.3 billion), Furniture and Fittings (GH¢628.5 million), Buildings (GH¢364.0 million), Land (GH¢173.4 million), and Other Tangible Assets (GH¢152.9 million). The Ashanti region that added GH¢136.6 million (21.6%) to the asset stock of buildings with the Western region adding GH¢4.2 billion to Machinery and Other Equipment (22%), GH¢83.4 million to Buildings (12.2%) and GH¢23.6 million to Other Tangible Assets (12.1%). The remaining regions contributed less than 5 percent additions to all asset categories.

Table 4.31: Gross additions to fixed asset (purchases of fixed assets) by Region

	Intangible Assets (GH¢)	Land (GH¢)	Other Construction and land Improvements (GH¢)	Buildings (GH¢)	Transport and Equipment (GH¢)	Machinery and Other Equipment (GH¢)	Furniture and Fittings (GH¢)	Other Tangible Assets (GH¢)
Western	64,405,805	3,223,110	31,605,665	83,350,233	74,613,762	4,225,982,470	13,872,592	23,580,258
Central	50,436	1,767,260	65,195	7,108,029	6,851,741	257,453,644	2,195,534	628,921
Greater Accra	3,179,579	173,428,392	2,443,861,368	364,038,569	2,394,557,922	13,993,089,354	628,529,395	152,938,148
Volta	11,006	255,777	1,261,664	4,547,369	12,164,300	72,530,500	12,176,885	322,225
Eastern	138,647	331,965	3,701,127	19,852,988	31,175,949	115,424,922	3,221,448	1,339,684
Ashanti	365,703	8,089,814	9,673,966	136,571,487	55,445,808	495,524,890	5,719,787	787,298
Brong Ahafo	26,925	806,271	26,236	12,722,521	2,509,957	50,224,328	404,759	113,695
Northern	8,664	1,109,199	17,736	609,863	11,105,537	10,303,680	1,094,939	18,548
Upper East	18,026	85,212	10,501	1,371,270	9,894,376	3,345,383	219,895	191,832
Upper West	40,278	71,104	86,826	1,490,109	1,769,029	24,509,616	133,365	240,589

4.8.6 Disposal and sale of fixed assets in the Industry sector

Table 4.32 shows the disposals or sales of fixed assets by establishments in the Industry sector. The mining and quarrying subsector disposed of the largest amount of assets in six out of the eight assets categories; Intangible assets, almost a 100 percent (GH¢49.4 million), machinery and other equipment GH¢18.4 billion (99.7%), Transport and Equipment GH¢529 million (96.7%), and furniture and fittings, GH¢149.3 million (97.8%). Buildings and other tangible assets disposed of are 81.5 percent (GH¢ 6.1 million) and 79.7 percent (GH¢148.1 million) respectively. The manufacturing sub-sector had the largest share in the disposal of the remaining two asset categories of other construction and land improvement and land with the values of GH¢ 43.7 million and GH¢447,090 respectively. Electricity, gas, steam and air conditioning and the construction sub-sectors recorded no disposals of assets in the Intangible Assets, Land ,Other Construction and land Improvements, Buildings, and Furniture and Fittings categories and Water supply; sewerage, waste management also did

not record any asset disposal in the Intangible Assets ,Land ,Other Construction and land Improvements, and Buildings categories of assets. The construction activity did not also record any disposal of other tangible assets.

Table 4.32: Disposal of fixed asset in the Industry Sector

	Intangible Assets (GH¢)	Land (GH¢)	Other Construction and land Improvements (GH¢)	Buildings (GH¢)	Transport and Equipment (GH¢)	Machinery and Other Equipment (GH¢)	Furniture and Fittings (GH¢)	Other Tangible Assets (GH¢)
Industry	49,424,049	772,415	45,530,956	7,430,951	540,513,454	18,420,815,337	152,495,459	185,924,852
Mining and quarrying	49,419,049	325,325	1,854,738	6,054,464	528,995,599	18,374,809,098	149,254,162	148100675
Manufacturing	5,000	447,090	43,676,218	1,376,487	9,133,517	25,664,581	1,915,297	37821951
Electricity, gas, steam and air conditioning	0	0	0	0	1,645,370	5,255,669	0	800
Water supply; sewerage, waste management	0	0	0	0	487,762	15,084,683	1,326,000	1426
Construction	0	0	0	0	251,207	1,306	0	0

4.8.7 Disposal of fixed assets in the Industry sector by region

Table 4.35 shows the disposal of fixed assets within the industry sector by region. Out of the eight assets categories, the Greater Accra Region has the largest share of disposal of fixed assets in six of the assets categories. The region has a share of more than 95 percent in the disposal of machinery and other equipment's (GH¢17.9 billion), furniture (GH¢148.2 million), and other construction (GH¢43.8 million).

Table 4.33: Disposal of fixed asset in the Industry sector by region

	Intangible Assets (GH¢)	Land (GH¢)	Other Construction and land Improvements (GH¢)	Buildings (GH¢)	Transport and Equipment (GH¢)	Machinery and Other Equipment (GH¢)	Furniture and Fittings (GH¢)	Other Tangible Assets (GH¢)
Western	49,419,048	3,756	1,569,882	6,260,229	35,053,208	331,886,563	3,755,673	147,451,094
Central	0	0	0	0	174,422	964,519	218,987	17,522
Greater Accra	0	542,268	43,884,253	875,491	476,159,282	17,930,883,154	148,248,049	38,178,859
Volta	0	3,818	0	237,420	126,122	3,845,848	11,848	16,407
Eastern	0	0	0	0	1,473,787	2,657,750	168,760	48,545
Ashanti	1	218,950	76,821	12	27,025,512	150,280,083	79,908	202,834
Brong Ahafo	5,000	3,422	0	13	79,919	31,707	5,197	8,777
Northern	0	0	0	43,306	41,122	138,826	6,381	0
Upper East	0	0	0	80	119,236	3,440	440	1
Upper West	0	200	0	14,400	260,843	123,447	214	813

The western region has the highest share of disposal of assets in the intangible and tangible assets category with a share of 99.9 (GH¢49.4 million) and 79.3 (GH¢ 147.4 million) percent respectively. The Brong Ahafo and Ashanti Regions have less than 1.0 percent (0.0001%) each of all buildings disposed off in the Industry sector.

4.8.7 Disposal of fixed assets in the Industry sector by establishment size

Table 4.34 shows the disposal or sales of various assets by establishments in the various size categories of establishments in the industry sector. Medium-sized businesses has the largest share in the disposal of Machinery and other Equipment of GH¢18.0 billion (97.9%), furniture and fittings- GH¢147.5 million (96.9%) and transport and Equipment- GH¢470.2 million (86.0%). Almost all Intangible and other Tangible assets disposed of were in the Large-sized businesses accounting for over 99 percent in both cases (Tangible GH¢184.9 Intangible and GH¢49.4 million). Large-sized businesses also has the largest share of buildings disposed of GH¢9.7 million (64.7%). Micro-Sized Businesses has the smallest share in assets disposal in the industry sector.

Table 4.34: Disposal of fixed asset by establishment size

	Intangible Assets (GH¢)	Land (GH¢)	Other Construction and land Improvements (GH¢)	Buildings (GH¢)	Transport and Equipment (GH¢)	Machinery and Other Equipment (GH¢)	Furniture and Fittings (GH¢)	Other Tangible Assets (GH¢)
Industry	49,439,999	2,390,896	58,877,325	15,119,185	546,871,163	18,432,891,366	152,597,284	186,147,226
Large-Sized	49,419,048	614,825	3,424,675	9,774,915	72,063,632	361,154,447	4,732,723	184,991,125
Medium-Sized	0	730,900	46,499,963	2,274,122	470,189,186	18,039,640,843	147,517,231	846,250
Small-Sized	20,951	1,030,174	8,952,687	3,026,003	3,504,227	30,960,739	336,764	287,855
Micro-Sized	0	14,996	0	44,145	1,114,118	1,135,338	10,566	21,996

4.8.8 Depreciation of fixed assets in the Industry sector

Table 4.35 shows the depreciation of assets in the various assets categories within the industry sector. The Mining and quarrying sub-sector had the largest depreciation value for Machinery and Other Equipment (GH¢ 7.5 billion), Transport and Equipment (GH¢2.5billion) and Furniture and fittings (GH¢1.1 billion). Electricity, gas, steam and air conditioning sub-sector had the largest value of depreciation in the category of other construction and land improvement (GH¢1.9 billion) and the Water supply, sewerage, waste management sub-sector had the largest depreciation value for Intangible assets (GH¢ 61.8 million). The lowest depreciation value was recorded in the Electricity, gas, steam and air conditioning sub-sector for the Intangible assets (GH¢88,621).

Table 4.35 Depreciation of fixed assets by Industry sub-sector

	Intangible Assets (GH¢)	Other Construction and land Improvements (GH¢)	Buildings (GH¢)	Transport and Equipment (GH¢)	Machinery and Other Equipment (GH¢)	Furniture and Fittings (GH¢)	Other Tangible Assets (GH¢)
Industry	109,472,368	2,407,023,617	731,791,537	3,774,039,187	13,019,952,112	1,104,108,993	457,605,648
Mining and quarrying	35,436,643	249,661,363	159,251,368	2,521,789,095	7,495,405,293	1,029,504,241	300,658,030
Manufacturing	10,353,887	226,737,644	230,232,743	146,296,045	1,416,821,168	45,198,396	138,251,322
Electricity, gas, steam and air condition	88,621	1,862,068,356	315,164,307	133,781,333	3,601,748,947	5,666,533	4,406,972
Water supply; sewerage, waste management	61,855,130	62,853,975	4,229,647	837,398,171	89,526,293	6,280,508	4,120,406
Construction	1,738,087	5,702,279	22,913,471	134,774,543	416,450,410	17,459,315	10,168,919

CHAPTER FIVE: BUSINESSES IN THE SERVICE SECTOR

5.1 Introduction

The Service sector is one of the three major sectors of the economy and contributes on average, a share of 50.8 percent to Gross Domestic Product (GDP). The sector is made up of eleven (11) sub-sectors namely; Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities; Information and communication; Financial and insurance activities; Real estate activities; Professional, scientific and technical activities; Administrative and support service activities; Education; Human health and social work activities; Arts, entertainment and recreation and Other service activities.

5.2 Analysis of trading account in the Service sector

This section analyzes data on the trading accounts of establishments in the Service sector which is captured under six headings by sector and regional distribution. The accounts include number of establishments, number of persons engaged, revenue, cost of goods sold, input cost and gross profit.

The total revenue generated from all sectors amounted to GH¢457 billion of which the Service sector contributed GH¢318.4 billion or 69.8 percent. With respect to the cost of goods sold, the Service sector generated GH¢106 billion out of the GH¢156.1 billion generated within the economy. The Service sector incurred an input cost of GH¢104.7 billion or two-thirds (67.1%) and made a gross profit of GH¢211.5 billion which was 70.3 percent of total profits generated.

Within the Service sector, the number of establishments in Wholesale and retail trade and repair of motor vehicles and motorcycles was 236,523, engaging 778,587 persons. The sub-sector however, made a gross profit of GH¢81.1 billion compared to a gross profit of GH¢87.1 billion by 6,075 establishments involved in Financial and insurance activities and which had 223,389 persons engaged (Table 5.1).

The Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector incurred GH¢91.9 billion as input cost while establishments engaged in Financial and insurance activities spent GH¢3.7 billion. The Arts, entertainment and recreation activities incurred the least input cost of GH¢0.4 billion.

Table 5.1: Trading account of business in the service sector

	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of goods sold GH¢	Input Cost GH¢	Gross Profit GH¢
(Billion Ghana Cedis)						
National - All Sectors	535,337	3,102,917	457.0	156.1	153.8	300.9
Service Sector	425,974	2,314,309	318.4	106.9	104.7	211.5
Wholesale and retail trade and repair of motor vehicles and motorcycles	236,523	778,587	175.1	94.0	91.9	81.1
Transportation and storage	2,303	41,292	8.4	2.1	2.1	6.4
Accommodation and food service activities	44,654	227,588	8.0	2.4	2.4	5.6
Information and communication	3,145	29,733	9.1	0.4	0.4	8.7
Financial and insurance activities	6,075	223,389	90.8	3.7	3.7	87.1
Real estate activities	413	7,408	1.9	0.5	0.5	1.4
Professional, scientific and technical activities	4,598	39,921	2.4	0.4	0.4	2.0
Administrative and support service activities	5,151	88,022	1.4	0.2	0.2	1.3
Education	16,567	308,944	6.4	0.2	0.2	6.2
Human health and social work activities	3,274	75,171	6.0	1.4	1.4	4.6
Arts, entertainment and recreation	4,657	16,385	0.4	0.1	0.1	0.4
Other service activities	98,614	477,868	8.4	1.5	1.5	6.8

5.2.1 Regional analysis of Trading Account of businesses in the Service sector

This section presents an analysis of the trading accounts and its composition of establishments in the Service sector within the regions of Ghana.

5.2.2 Trading Account of Businesses in the Service sector in the Western Region

There were 47,850 establishments in the Service sector with 215,331 persons engaged in the Western region. Figure 5.1 shows the trading account of establishments in the Service sector in Western region. These establishments in the sector generated a revenue of GH¢13 billion and incurred an input cost of GH¢6.5 billion while gross profits amounted to GH¢6.4 billion.

Within the Service sector, Wholesale and retail trade and repair of motor vehicles and motorcycles had 26,045 establishments, with 78,766 persons engaged. There were 20,615 establishments involved in Retail trade, except of motor vehicles and motorcycles which engaged 53,799 persons. The Accommodation and food activities had 6,529 establishments and engaged 27,145 persons, while there were 254 establishments in the Human health and social work activities sub-sector and engaged 5,566 persons (Table A.51 in Appendix).

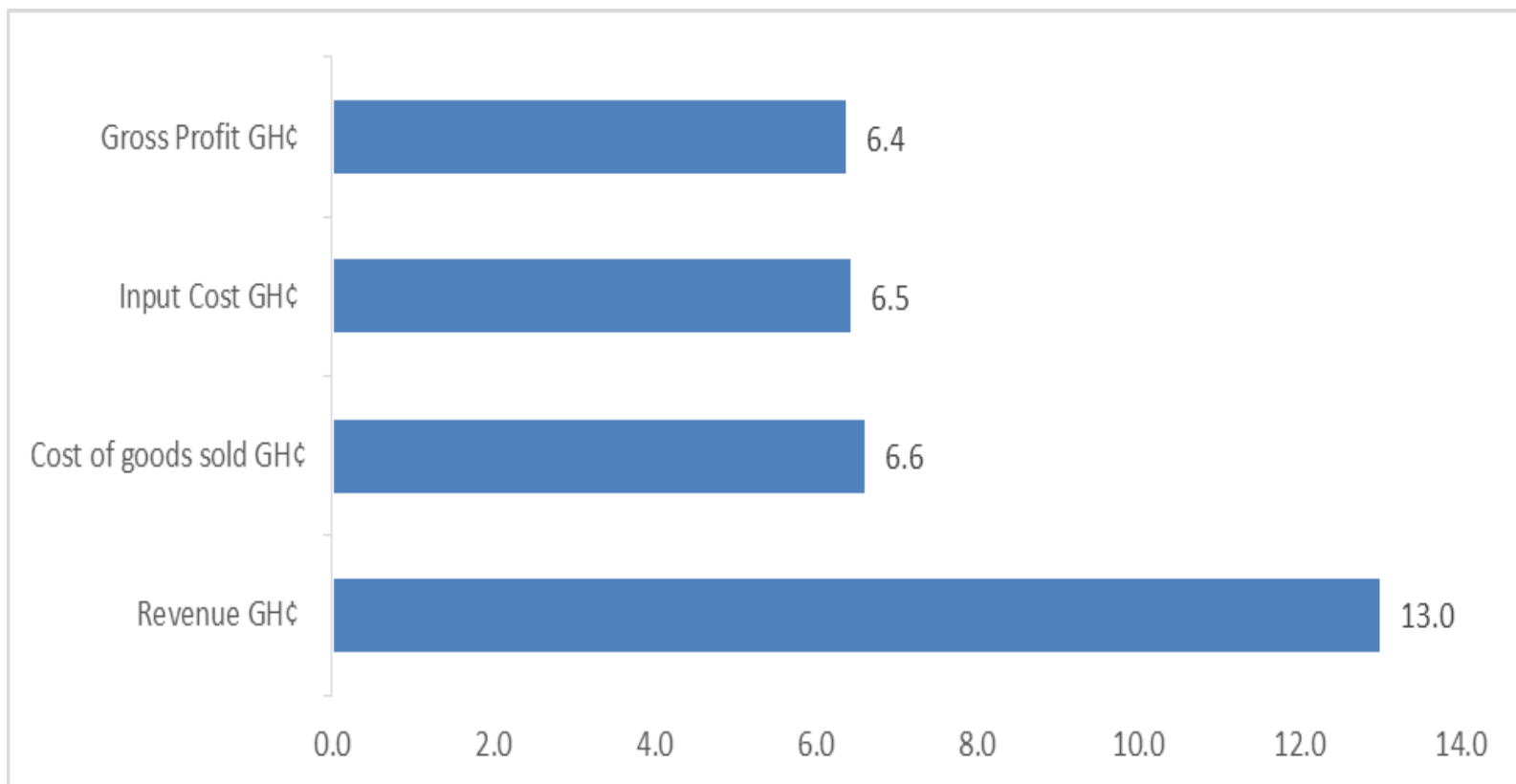
The Service sector in the region generated a revenue of GH¢13,024,262,232 of which Wholesale and retail trade and repair of motor vehicles and motorcycles accounted for about GH¢10 billion. Retail trade, except of motor vehicles and motorcycles

activities generated revenue amounting to GH¢7.2 billion while establishments involved in Real estate activities generated the least revenue of GH¢3.8 million.

The total expenditure made on inputs and cost of goods sold by establishments in the Service sector in Western region were GH¢6,459,675,305 and GH¢6,629,606,589 respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles incurred the highest cost of GH¢5.9 billion on inputs and generated GH¢ 6.1 billion from goods sold within the sub-sector.

The Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector also generated the highest gross profit of GH¢3.9 billion while Accommodation and food service activities and Financial and insurance activities sub-sectors made gross profits of GH¢ 656.2 million and GH¢351.9 million respectively. Administrative and support service activities recorded the least gross profit of GH¢26 million.

Figure 5.1: Composition of Trading Account of businesses in the Service sector in Western Region (GH¢' billion)



5.2.3 Trading Account of Businesses in the Service sector in the Central Region

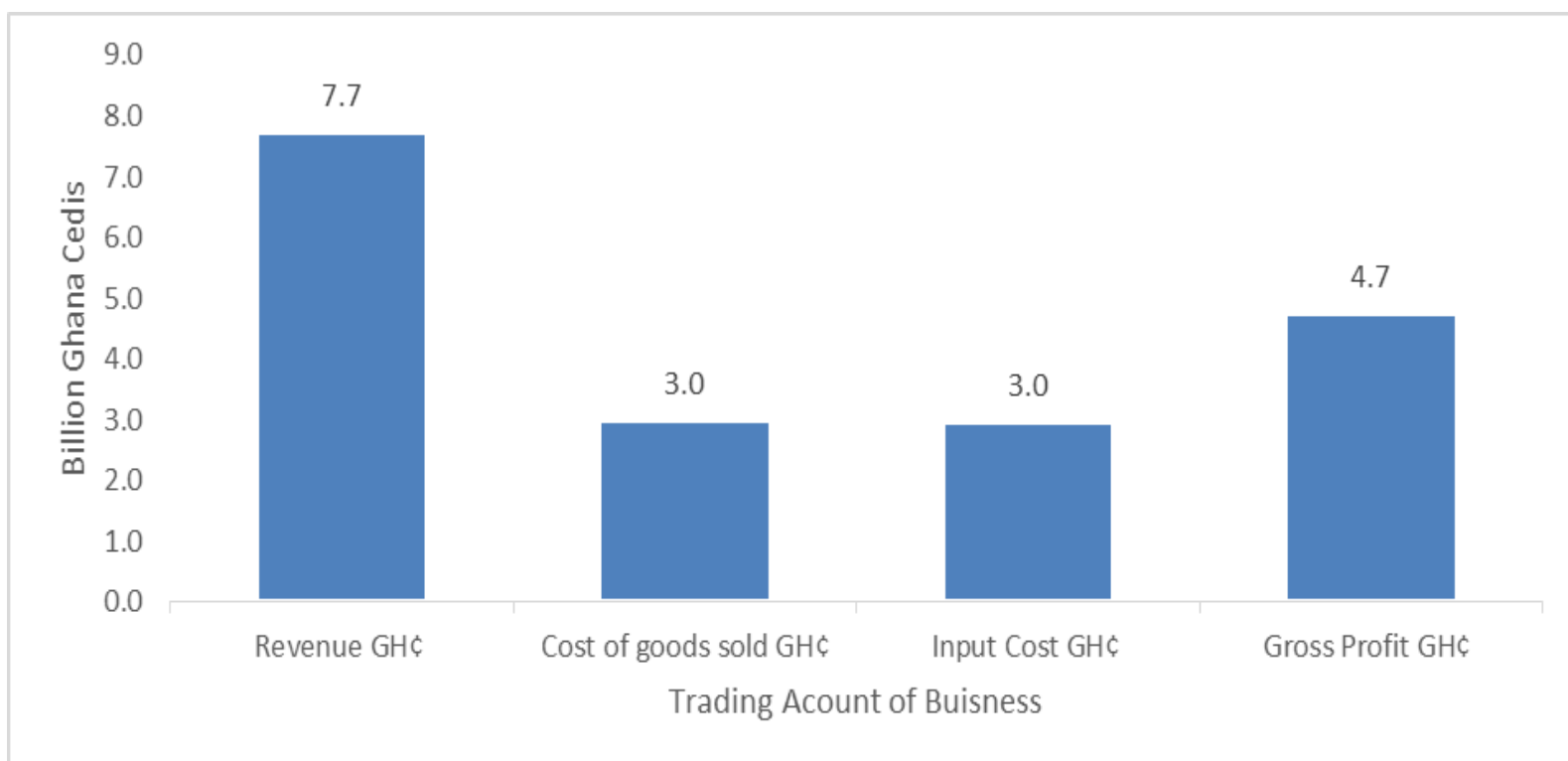
The region has a total of 46,177 establishments and engaged 205,913 persons of which the Service sector accounted for 37,628 establishments and 160,444 persons engaged. Figure 5.2 shows that the sector generated a total revenue of GH¢7.7 billion and incurred as input cost, an amount of GH¢3 billion. The sector made a gross profit of GH¢4.7 billion.

Within the region, the Wholesale and retail trade and repair of motor vehicles and motorcycles enumerated 19,832 establishments and engaged 58,240 persons. There were 17,273 establishments involved in Retail trade, except of motor vehicles and motorcycles which engaged 46,097 persons. The Education activities sub-sector had 1,581 establishments and engaged 28,543 persons while there were 9,323 establishments in the other service activities sub-sector and engaged 35,777 persons (Table A.52 in Appendix)

The Wholesale and retail trade and repair of motor vehicles and motorcycles accounted for GH¢3.8 billion of the total revenue generated by the sector in the region. The Retail trade, except of motor vehicles and motorcycles sub-sector generated revenue amounting to GH¢2.6 billion while the other service activities generated GH¢2.6 billion. Establishments engaged in Information and communication activities generated the least revenue of GH¢11 million in the Central region.

The total expenditure made on input cost and cost of goods sold by establishments in the service sector were GH¢2,972,701,191 and GH¢2,984,285,574 respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles incurred the highest cost of GH¢2,323,210,391 and GH¢2,313,257,767 respectively.

Figure 5.2: Composition of Trading Account of businesses in the Central Region (GH¢' billion)



The other service activities sub-sector generated the highest gross profit of GH¢2.2 billion. The Wholesale and retail trade and repair of motor vehicles and motorcycles made GH¢ 1.4 billion while the transportation and storage activities sub-sector made the least gross profit of GH¢9.6 million.

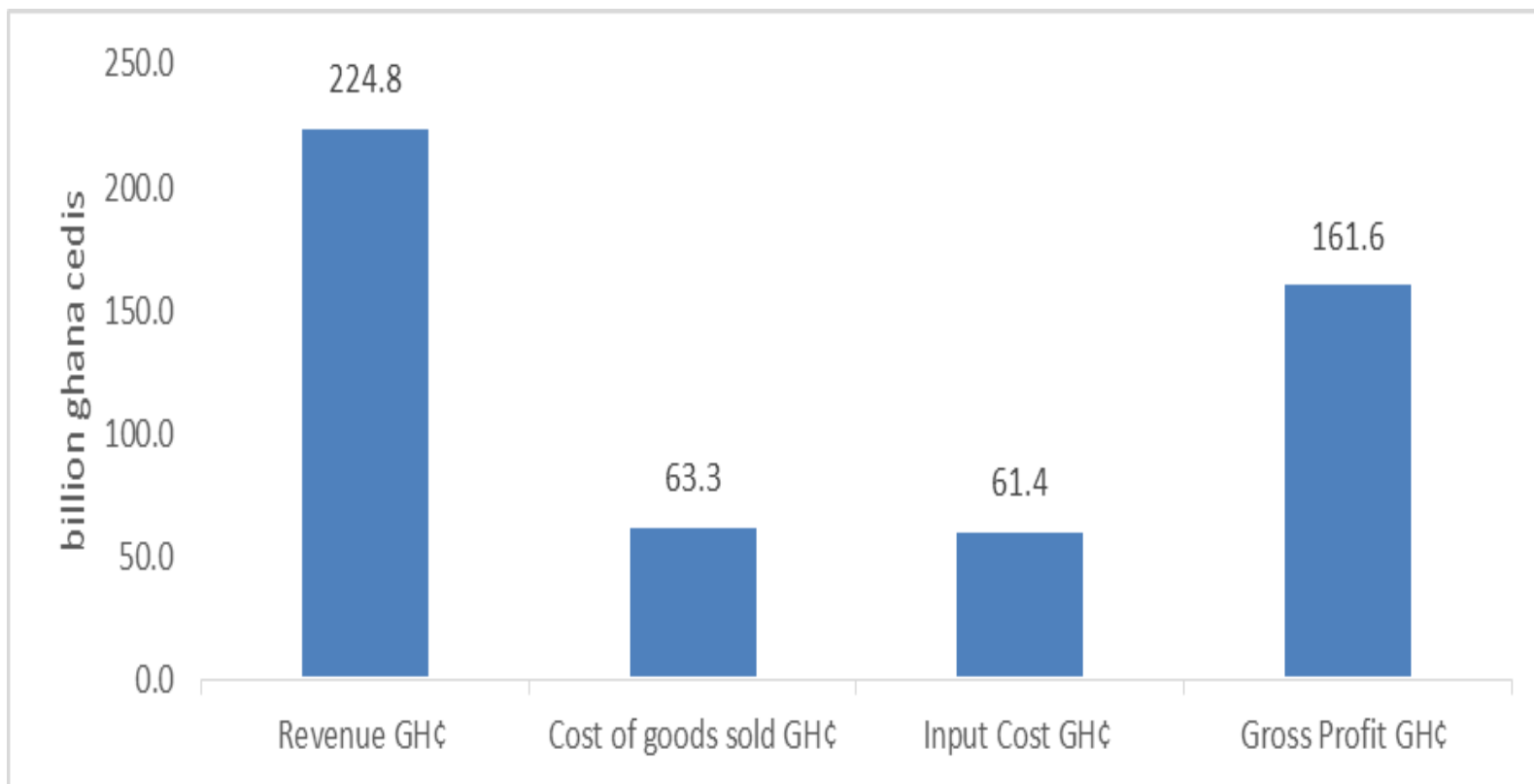
5.1.4 Trading Account of Businesses in the Service sector in the Greater Accra Region

Figure 5.3 shows the trading account of establishments in the Service sector in the Greater Accra region. The sector generated a revenue of GH¢224.8 billion and incurred an input cost of GH¢61.4 billion, with a gross profit of GH¢161.6 billion.

A total of 135,470 establishments in the region engaged 1,115,768 persons of which the Service sector accounted for 111,254 establishments and 871,153 persons engaged in the region. Within the sub-sectors, the Wholesale and retail trade and repair of motor vehicles and motorcycles enumerated 61,426 establishments and engaged 246,620 persons (Table A.53 in Appendix). There were 51,171 establishments in the Retail trade, except of motor vehicles and motorcycles sub-sector, engaging 161,011 persons. The Financial and insurance activities enumerated 2,908 establishments and engaged 178,237 persons while there were 23,092 establishments in the other service activities sub-sector and engaging 100,517 persons.

The Service sector in the region generated a revenue of GH¢224,842,958,896 of which the Wholesale and retail trade and repair of motor vehicles and motorcycles contributed GH¢103.2 billion. The Retail trade, except of motor vehicles and motorcycles generated revenue amounting to GH¢67.3 billion. The Financial and insurance activities sub-sector generated GH¢85.5 billion with the Arts, entertainment and recreation activities generating the least revenue amounting to GH¢175.6 million in the Greater Accra region.

Figure 5.3: Composition of Trading Account of businesses in the Greater Accra Region (GH¢' billion)



The total expenditure made on inputs and revenue from goods sold by establishments in the Service sector in the Greater Accra region were GH¢61,370,433,163 and GH¢63,263,249,111 respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector incurred the highest cost of GH¢52.4 billion on inputs and also generated the highest revenue of GH¢54.2 billion.

The Financial and insurance activities sub-sector generated the highest gross profit of GH¢81.9 billion while establishments engaged in the Wholesale and retail trade and repair of motor vehicles and motorcycles made GH¢48.9 billion. The Arts, entertainment and recreation activities sub-sector generated the least gross profit of GH¢150.6 million.

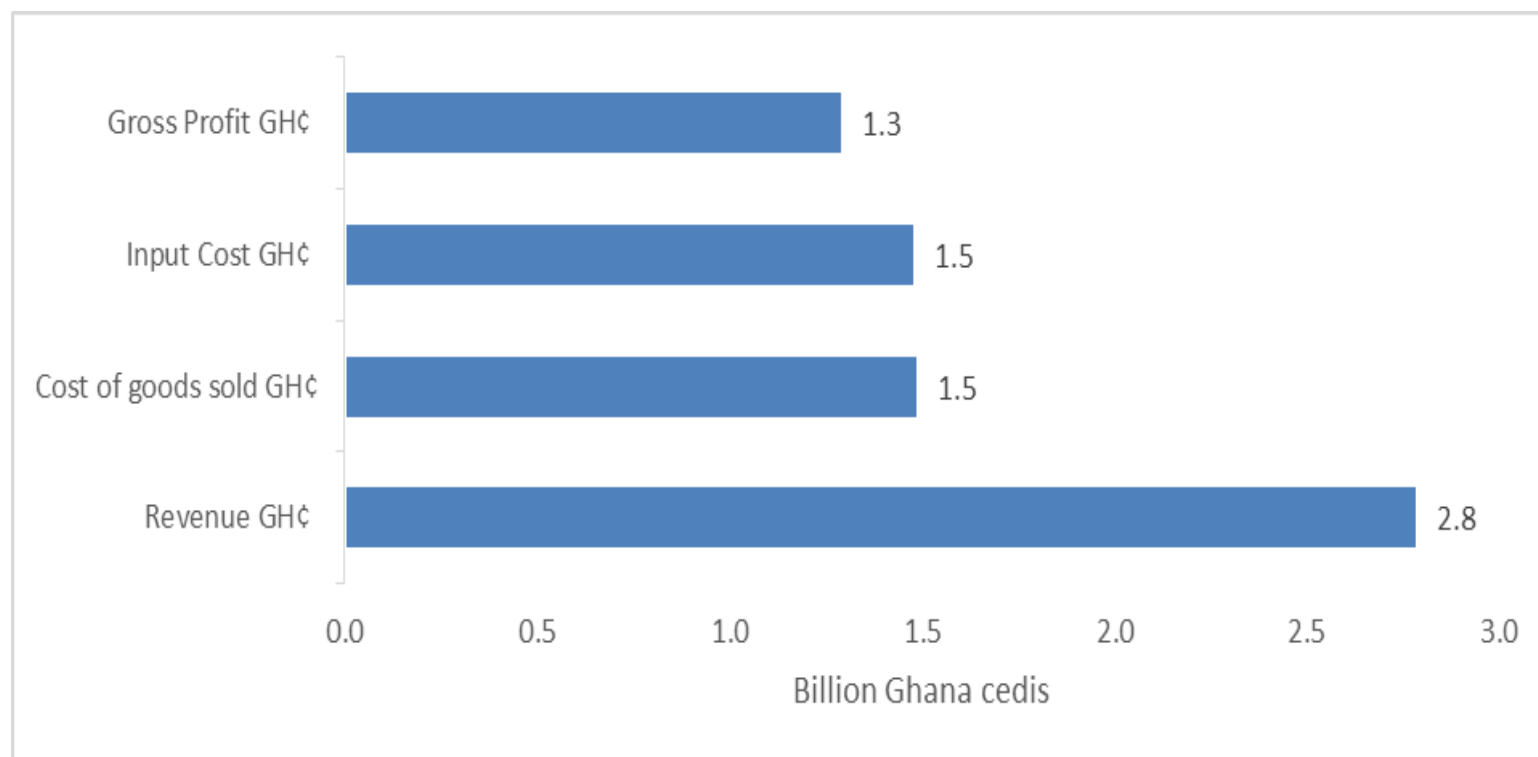
5.2.5 Trading Account of Businesses in the Service sector in the Volta Region

Figure 5.4 shows the trading account of establishments in the Service sector in Volta Region. The sector generated a revenue of GH¢2.8 billion and incurred as input cost an amount of GH¢1.5 billion while it recorded a gross profit of GH¢1.3 billion.

The region has a total of 39,527 establishments and engaged 157,131 persons of which the Service sector accounted for 29,492 establishments and 112,366 persons engaged (Table A.54 in Appendix). Within the sector, Wholesale and retail trade and repair of motor vehicles and motorcycles had 15,463 establishments and engaged 38,229 persons. There were 13,878 establishments in the Retail trade, except of motor vehicles and motorcycles which engaged 32,893 persons. The Educational activities sub-sector had 1,076 establishments and engaged 16,426 persons while there were 7,328 establishments in the other service activities sub-sector and engaging 30,577 persons.

Establishments in the Sector generated a revenue of GH¢2.8 billion of which the Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector accounted for GH¢2 billion. The Retail trade, except of motor vehicles and motorcycles generated revenue amounting to GH¢1.8 billion. The Financial and insurance activities sub-sector generated GH¢127 million while establishments engaged in the Arts, entertainment and recreation activities generated the least revenue of GH¢9.8 million.

Figure 5.4: Composition of Trading Account of businesses in the Volta Region (GH¢' billion)



The total expenditure made on inputs and revenue from goods sold by establishments in the service sector in the Volta region were GH¢1,483,678,245 and GH¢1,492,156,274 respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector incurred the highest input cost of GH¢1.3 billion.

The Wholesale and retail trade and repair of motor vehicles and motorcycles activities sub-sector generated the highest gross profit of GH¢719.1 million followed by the Financial and insurance activities subsector with GH¢ 113.9 million. The Arts, entertainment and recreation activities generated the least gross profit of GH¢174.3 million.

5.2.6 Trading Account of Businesses in the Service sector in the Eastern Region

Figure 5.5 shows the trading account of establishments in the Service sector in the Eastern region. The sector generated a revenue of GH¢5.6 billion out of the total revenue of GH¢14.5 billion and incurred an input cost of GH¢ 2.9 billion while making a gross profit of GH¢2.6 billion.

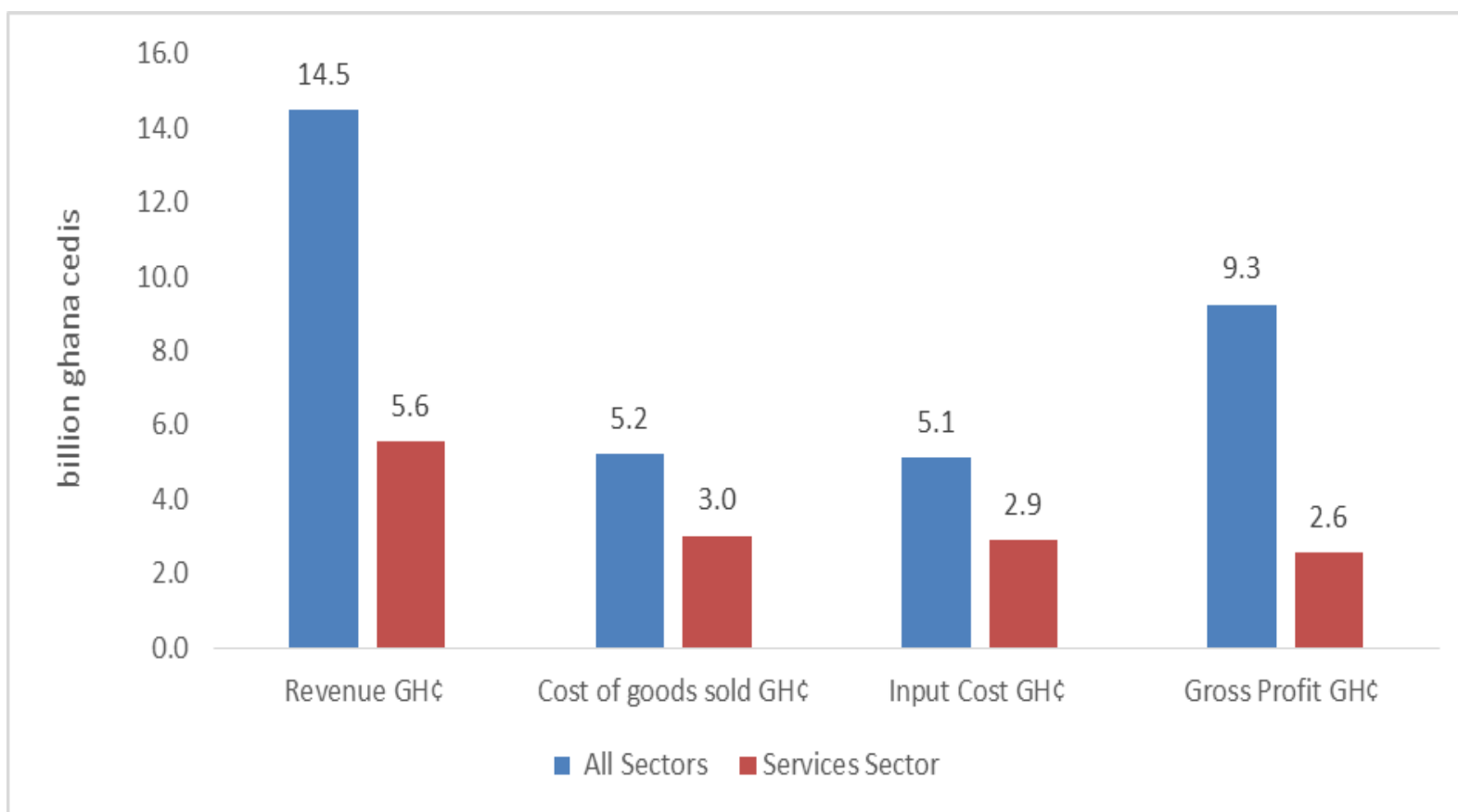
Out of the 49,217 establishments in the region, the Service sector accounted for 38,870 establishments which engaged 164,063 persons. Within the sub-sectors, the Wholesale and retail trade and repair of motor vehicles and motorcycles enumerated 21,210 establishments and engaged 64,574 persons. There were 17,976 establishments in the retail trade, except of motor vehicles and motorcycles sub-sector with 46,770 persons engaged. The Educational activities sub-sector enumerated 1,788 establishments and engaged 28,401 persons while there were 9,425 establishments operating in the other service activities sub-sector and engaged 34,692 persons (Table A.55 in Appendix).

Establishments in the region generated a revenue of GH¢5,570,639,984 of which the Wholesale and retail trade and repair of motor vehicles and motorcycles generated GH¢4.5 billion. The Retail trade, except of motor vehicles and motorcycles sub-sector generated revenue amounting to GH¢3.5 billion while the Accommodation and food service activities generated GH¢335.4 million with the Arts, entertainment and recreation activities generating the least revenue of GH¢4.3 million.

The total expenditure made on inputs and goods sold by establishments in the Services sector in the Eastern region were GH¢2,888,006,634 and GH¢3,014,389,067 respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles incurred highest costs amounting to GH¢2.7 billion and GH¢2.8 billion respectively.

The wholesale and retail trade and repair of motor vehicles and motorcycles activities generated the highest gross profit of GH¢ 1.7 billion while the accommodation and food service activities made GH¢ 197.8 million. The Arts, entertainment and recreation activities sub-sector generated the least gross profit of GH¢4.1 million.

Figure 5.5: Composition of Trading Account of businesses in the Eastern Region (GH¢' billion)



5.2.7 Trading Account of Businesses in the Services sector in the Ashanti Region

Figure 5.6 shows the trading account of establishments in the Services sector in the Ashanti region. The Sector generated a revenue of GH¢42.8 billion out of the total revenue of GH¢52 billion and incurred as input cost, an amount of GH¢18.6 billion while making a gross profit of GH¢24.3 billion.

The region has 98,839 establishments which engage 523,308 persons. The Service sector accounted for 77,343 establishments and engages 377,497 persons. Within the sub-sectors the Wholesale and retail trade and repair of motor vehicles and motorcycles enumerated 44,862 establishments and engaged 144,340 persons. There were 36,648 establishments engaged in retail trade, except of motor vehicles and motorcycles with 97,285 persons engaged. The Educational activities sub-sector enumerated 2,536 establishments and engaged 54,867 persons while there were 656 establishments operating in the Financial and insurance activities sub-sector and engaged 9,597 persons (Table A.56 in Appendix).

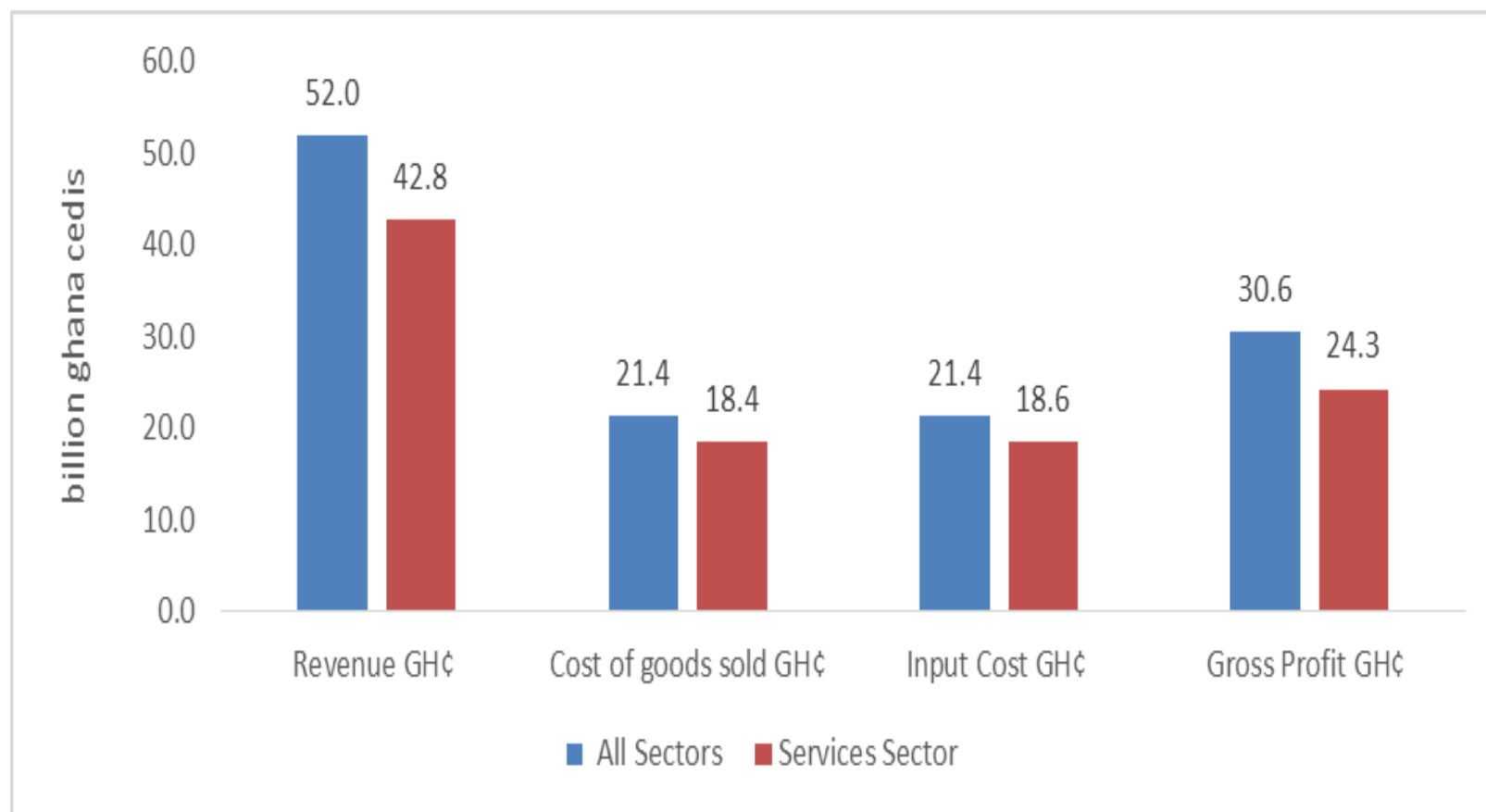
Establishments in the region generated a revenue of GH¢42,751,832,248 of which the Wholesale and retail trade and repair of motor vehicles and motorcycles generated GH¢ 36.7 billion. The Retail trade, except of motor vehicles and motorcycles sub-

sector generated a revenue of GH¢14.8 billion while the Financial and insurance activities sub-sector generated GH¢2.6 billion with the Arts, entertainment and recreation activities generating the least revenue of GH¢48.3 million in the region.

The total expenditure made on inputs and goods sold by establishments in the Services sector in the Ashanti region were GH¢18,606,585,218 and GH¢18,445,165,831 respectively. The Wholesale and retail trade and Repair of motor vehicles and motorcycles incurred the highest costs amounting to GH¢17.6 billion and GH¢17.4 billion respectively

Establishments engaged in Wholesale and retail trade and Repair of motor vehicles and motorcycles activities generated the highest gross profit of GH¢ 19.2 billion while Accommodation and food service activities made GH¢2.5 billion. The Arts, entertainment and recreation activities generated the least gross profit of GH¢43.7 million.

Figure 5.6: Composition of Trading Account of businesses in the Ashanti Region (GH¢' billion)



5.2.8 Trading Account of Businesses in the Service sector in the Brong Ahafo Region

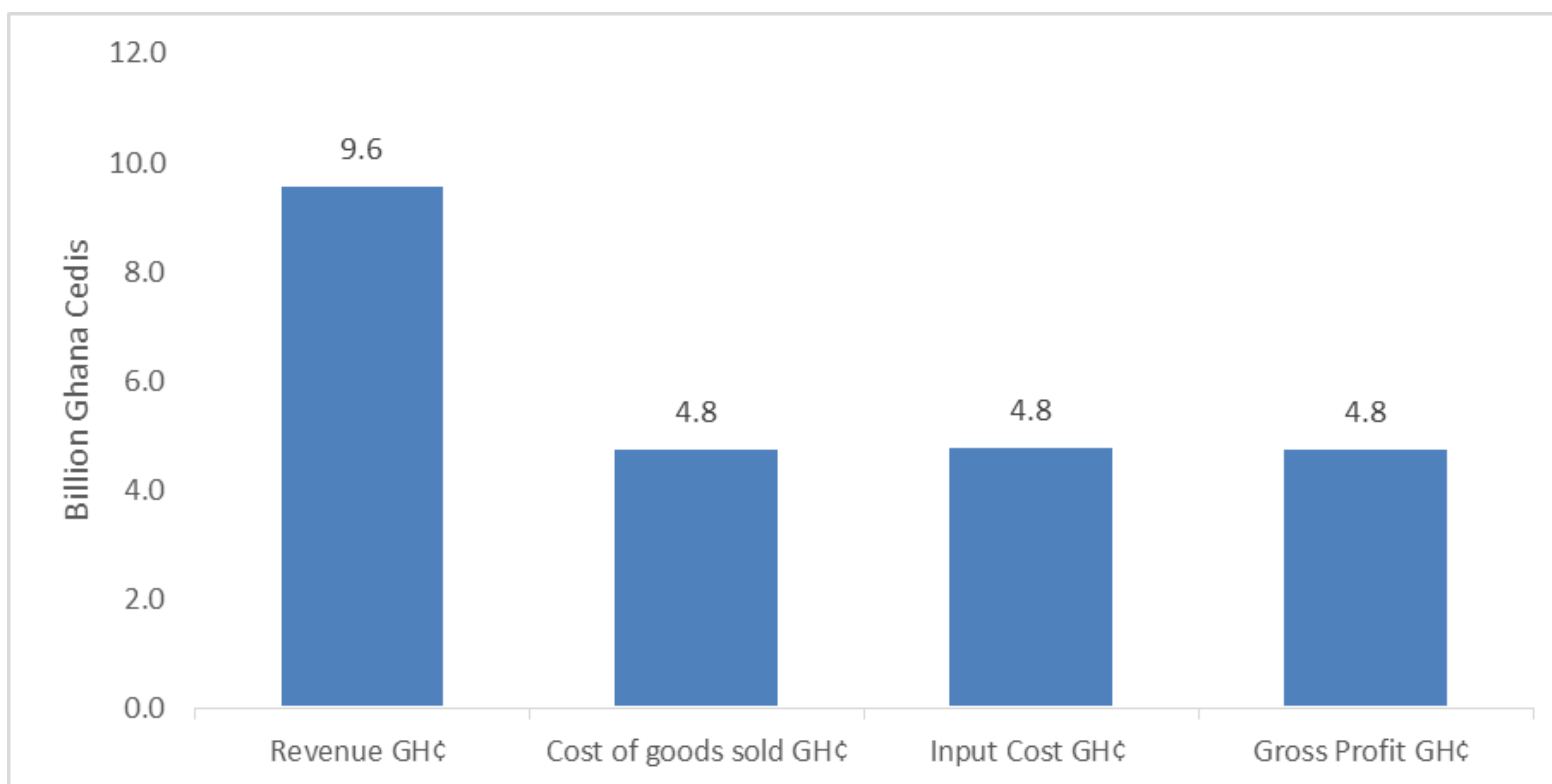
Figure 5.7 shows the trading account of establishments in the Service sector in Brong Ahafo region. The sector generated a revenue of GH¢9.6 billion out of the total revenue of GH¢11.8 billion and incurred as input cost an amount of GH¢4.8 billion while making a gross profit of GH¢4.8 billion.

The region generated a revenue of GH¢9,608,055,105 of which the Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector generated GH¢ 7.1 billion. The Retail trade, except of motor vehicles and motorcycles sub-sector generated a revenue of GH¢4.6 billion with the Human health and social work activities generating GH¢1.2 billion. Establishments involved in Professional, scientific and technical activities generated the least revenue, amounting to GH¢11.4 million (Table A.57 in Appendix).

The total expenditure made on inputs and goods sold by establishments in the Service sector in the Brong Ahafo region were GH¢4,830,096,849 and GH¢4,803,074,045 respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles incurred the highest cost of GH¢4.3 billion and GH¢4.3 billion respectively

The Wholesale and retail trade and repair of motor vehicles and motorcycles activities generated the highest gross profit of GH¢2.8 billion while the Human health and social work activities made GH¢ 1.0 billion. Establishments engaged in Professional, scientific and technical activities generated the least gross profit of GH¢ 9.4 million.

Figure 5.7: Composition of Trading Account of businesses in the Brong Ahafo Region (GH¢' billion)



5.2.9 Trading Account of Business by sector and size of Establishment in the Northern Region

Figure 6.8 shows the trading account of establishments in the Service sector in the Northern Region. The sector generated a revenue of GH¢5.7 billion out of the total revenue of GH¢10.6 billion and incurred as input cost an amount of GH¢3.6 billion while it made a gross profit of GH¢ 1.9 billion.

Out of a total of 35,917 establishments in the region with 188,709 persons engaged, the Service sector accounted for 27,161 establishments and engages 134,159 persons (Table A.58 in Appendix). Within the sub-sectors, the wholesale and retail trade and repair of motor vehicles and motorcycles enumerated 16,272 establishments and engaged 58,070 persons. There were 13,350 establishments in the retail trade, except of motor vehicles and motorcycles and engaged 40,500 persons. The educational activities had enumerated 600 establishments and engaged 10,763 persons while there were 196 establishments in the financial and insurance activities sub-sector that engaged 2,574 persons.

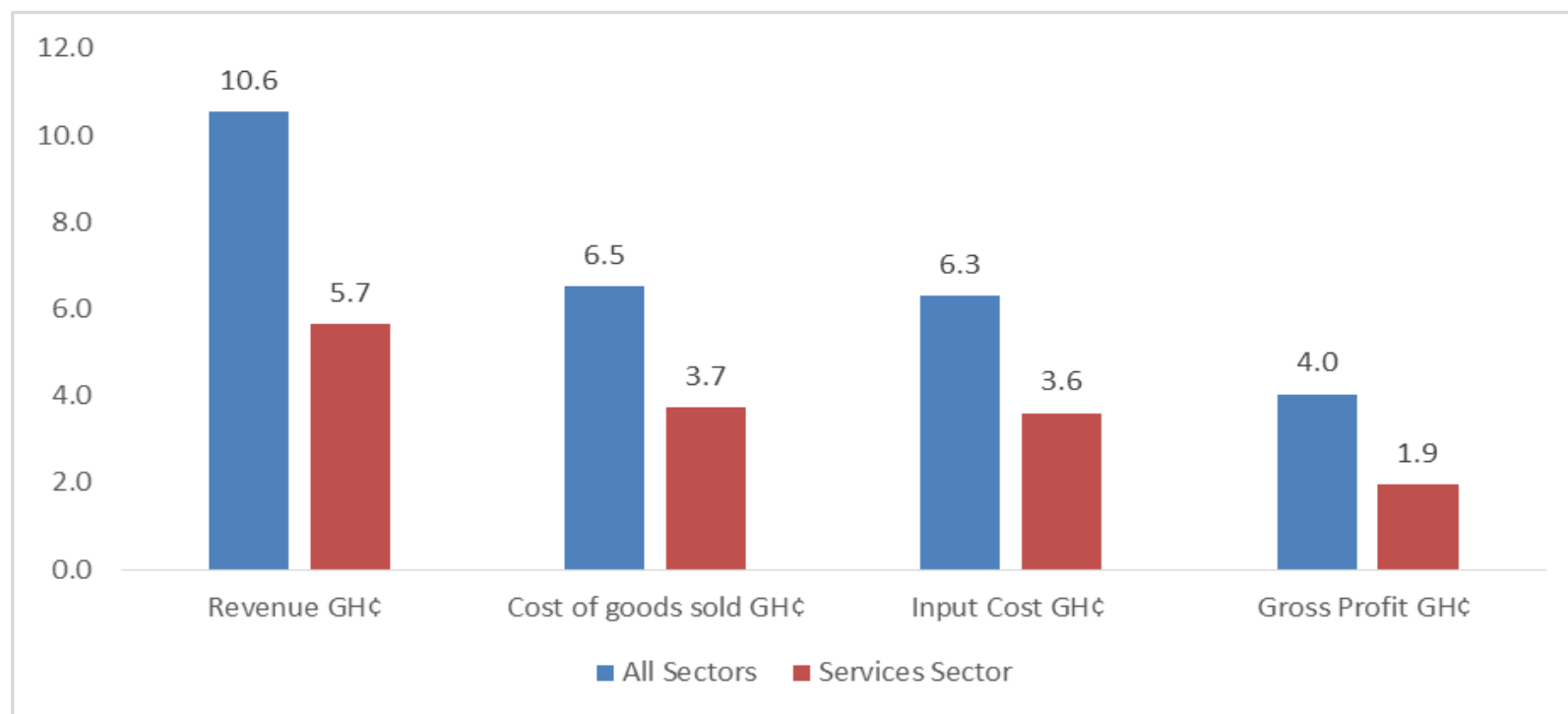
The region generated a revenue of GH¢ 5,663,441,577 of which the wholesale and retail trade and repair of motor vehicles and motorcycles generated GH¢ 4.9 billion. The retail trade, except of motor vehicles and motorcycles generated a revenue of GH¢

3.4 billion. The financial and insurance activities generated 362.3 million with the arts, entertainment and recreation activities generating the least revenue amounting to GH¢ 2.1 million Northern Region’

The total expenditure made on inputs and goods sold by establishments in the Service sector of the region were GH¢3,598,509,141 and GH¢3,716,389,704 respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles incurred the highest cost of GH¢3.5 billion and GH¢3.6 billion respectively.

The Wholesale and retail trade and repair of motor vehicles and motorcycles activities generated the highest gross profit of GH¢1.3 billion while the Financial and insurance activities made GH¢360.9 million. The Arts, entertainment and recreation activities generated the least gross profit of GH¢1.9 million.

Figure 5.8: Composition of Trading Account of businesses in the Northern Region (GH¢’ billion)



5.2.10 Trading Account of Businesses in the Service sector in the Upper East Region

Figure 5.8 shows the trading account of establishments in the Service sector in Upper East Region. The sector generated a revenue of GH¢4.4 billion out of the total revenue of GH¢4.9 billion and incurred as input cost an amount of GH¢1.6 billion with a gross profit of GH¢2.8 billion.

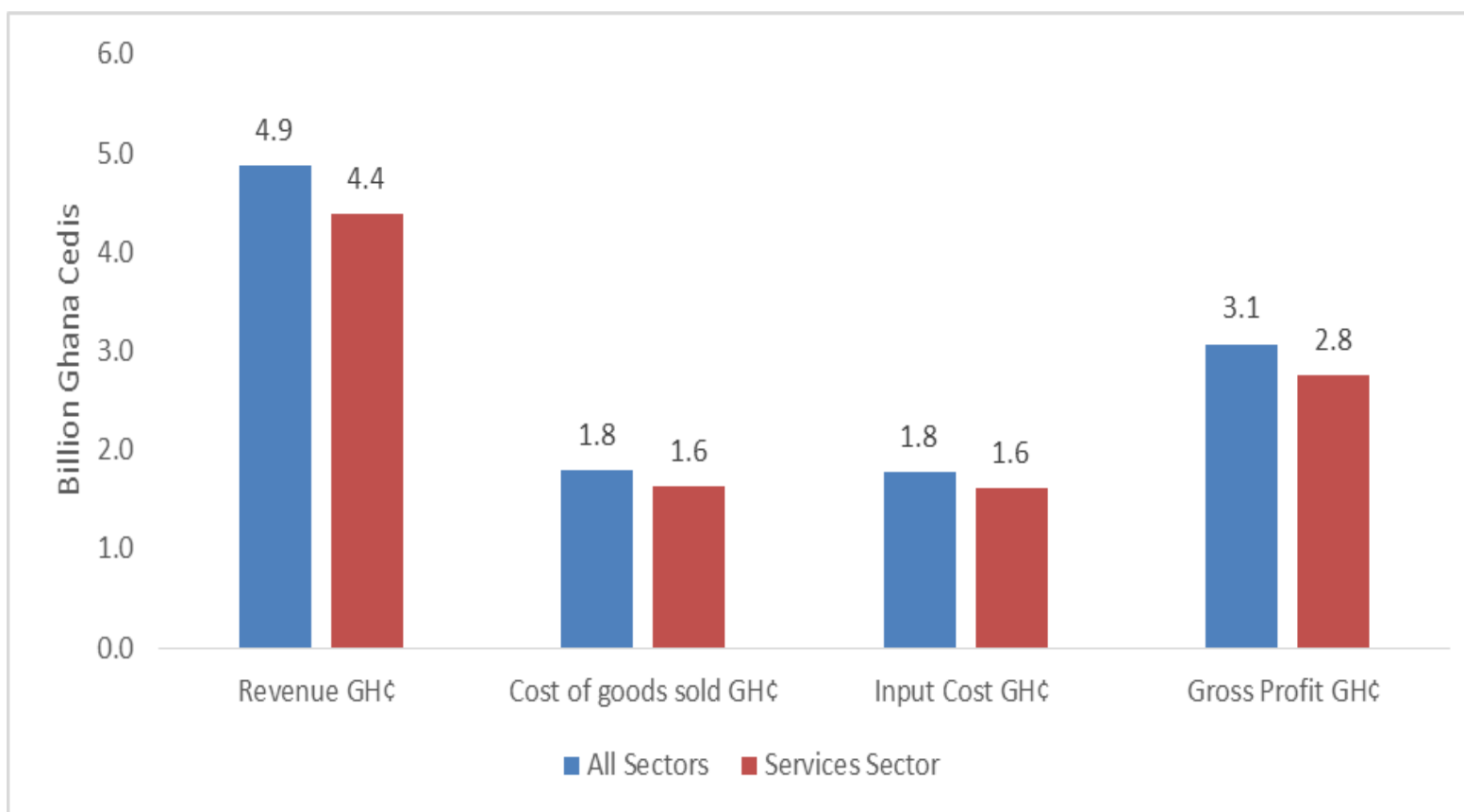
The Service sector accounted for 10,461 establishments with 63,716 persons engaged out of a total of 14,282 establishments in the region. Within the sub-sectors, the Wholesale and retail trade and repair of motor vehicles and motorcycles enumerated 5,037 establishments and engaged 17,639 persons. There were 4,089 establishments in the Retail trade except of motor vehicles and motorcycles sub-sector which engaged 13,321 persons. A total of 470 establishments were involved in Educational activities which engaged 7,158 persons while there were 115 establishments in the Financial and insurance activities sub-sector which engaged 1,589 persons (Table A.59 Appendix).

Establishments in the region generated a revenue of GH¢ 4,384,606,739 of which the Wholesale and retail trade and repair of motor vehicles and motorcycles generated GH¢1.5 billion. The Retail trade, except of motor vehicles and motorcycles sub-sector generated a revenue of GH¢1.4 billion while the Human health and social work activities generated GH¢2.4 billion. Establishments involved in Professional, scientific and technical activities generated the least revenue amounting to GH¢3.8 million.

The total expenditure made on inputs and goods sold by establishments in the Service sector in the region were GH¢1,608,435,312 and GH¢1,629,455,512 respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles incurred the highest cost of GH¢929.7 million and GH¢951 million respectively.

The Human health and social work activities sub-sector generated the highest gross profit of GH¢1.8 billion while the Wholesale and retail trade and repair of motor vehicles and motorcycles activities made GH¢594.9 million. The Arts, entertainment and recreation activities generated the least gross profit of GH¢3.7 million.

Figure 5.9: Composition of Trading Account of businesses in the Upper East Region (GH¢' billion)



5.2.11 Trading Account of Businesses in Services sector in the Upper West Region

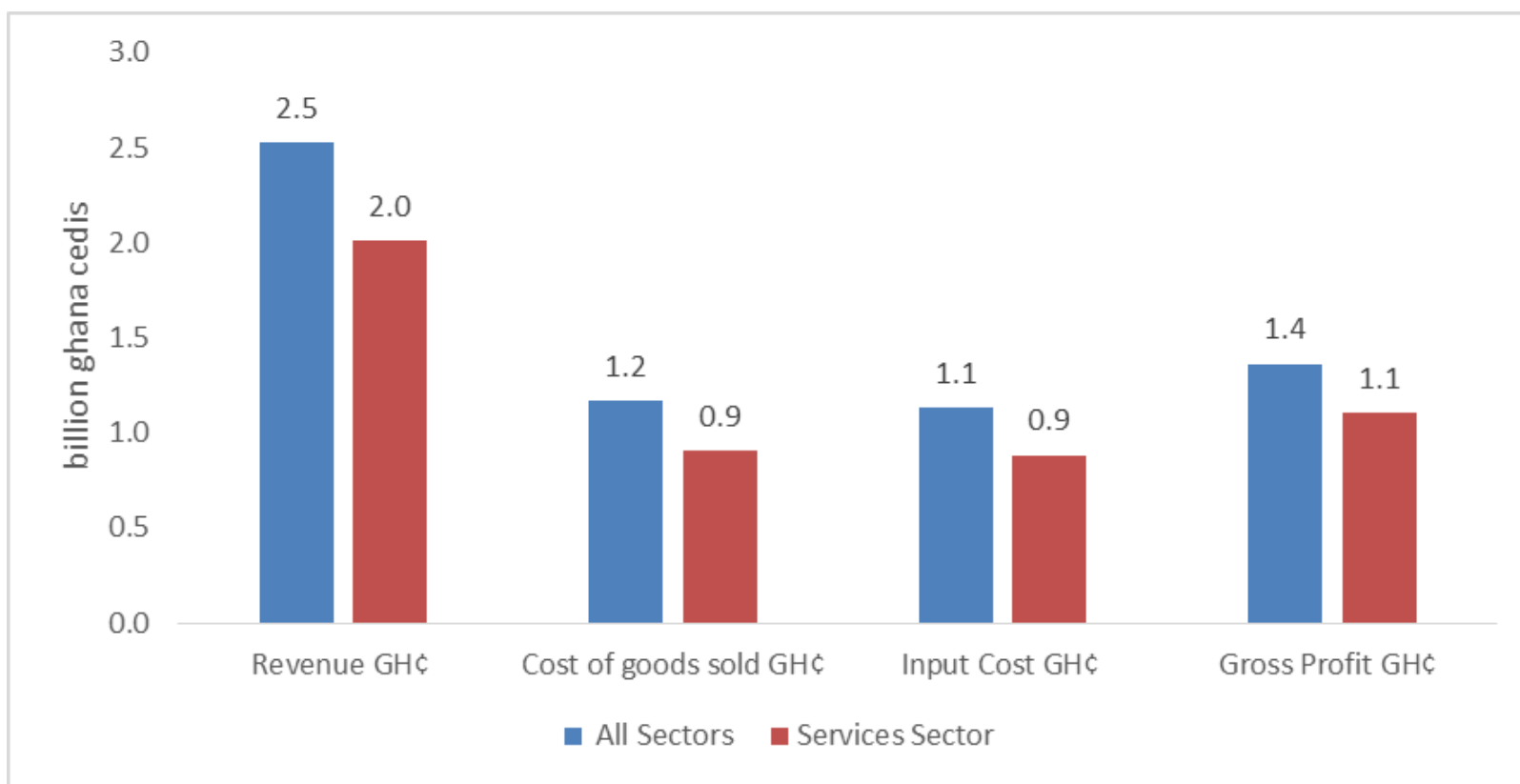
Figure 5.8 shows the trading account of establishments in the Service sector in the Upper West Region. The sector generated a revenue of GH¢2 billion out of the total revenue of GH¢2.5 billion and incurred an input cost amounting to GH¢0.9 billion with a gross profit of GH¢1.1 billion.

Out of a total of 12,526 establishments operating in the region with 50,415 persons engaged, the Service sector accounted for 9,593 establishments with 35,001 persons engaged. Within the sub-sectors, establishments involved in Wholesale and retail trade and repair of motor vehicles and motorcycles accounted for 6,262 establishments with 17,673 persons engaged. There were 5,384 establishments in the Retail trade, except of motor vehicles and motorcycles sub-sector engaging 12,981 persons. The Educational activities sub-sector enumerated 283 establishments with 2,638 persons engaged while there were 50 establishments in the Financial and insurance activities sub-sector and engaging 673 persons.

Establishments in the region generated a revenue of GH¢2.0 billion of which the Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector contributed GH¢1.2 billion. The Retail trade, except of motor vehicles and motorcycles sub-sector generated a revenue of GH¢0.9 billion with the Arts, entertainment and recreation activities sub-sector generating the least revenue of GH¢1 million.

The total expenditure made on inputs and goods sold by establishments in the Upper West region were GH¢882.4 million and GH¢903.3 million respectively. The Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector incurred the highest cost of GH¢816.4 million and GH¢837.2 million respectively.

Figure 5.10: Composition of Trading Account of businesses in the Upper West Region (GH¢'billion)



The Financial and insurance activities sub-sector generated the highest gross profit of GH¢600.3 million while establishments engaged in Wholesale and retail trade and repair of motor vehicles and motorcycles activities made GH¢372.4 million. The Arts, entertainment and recreation activities generated the least gross profit of GH¢0.3 million.

5.3 Operating cost of businesses in the Service sector

Operating costs are expenses associated with the maintenance and administration of a business on a day-to-day basis. The operating cost is a component of operating income and is usually indicated in the income statement of establishments. Generally, operating costs do not include capital outlays or capital expenditure such as money used to purchase a fixed asset or extend its useful life.

Items on which establishments incurred expenditures in the Service sub-sectors are categorized into materials and supplies, goods purchased for resale, fuel purchased, electricity purchased, water purchased, other purchases and other operating cost.

5.3.1 Sub-sectorial operating cost

In the Service sector, there are eleven sub-sectors with each of them spending differently on the items as recorded for the day to day running of their businesses. Table 5.2 shows that, of the 426,703 establishments in the sector, more than 60 percent of total expenses were incurred by those in the Wholesale and retail trade and repair of motor vehicles and motorcycles which is made up of 236,709 establishments. The sub-sector also recorded the highest expenditures for materials and supplies (88.4%), goods purchased for resale (83.2%) and fuel (77.3%). The Table further shows that across the various sub-sectors, establishments engaged in the Financial and insurance activities (6,093) incurred the highest expenses on electricity purchased (70.9%), other purchases (53.0%) and other operating costs (76.5%).

Table 5.2: Operating cost of businesses in the Service sector by type of expenditure category (%)

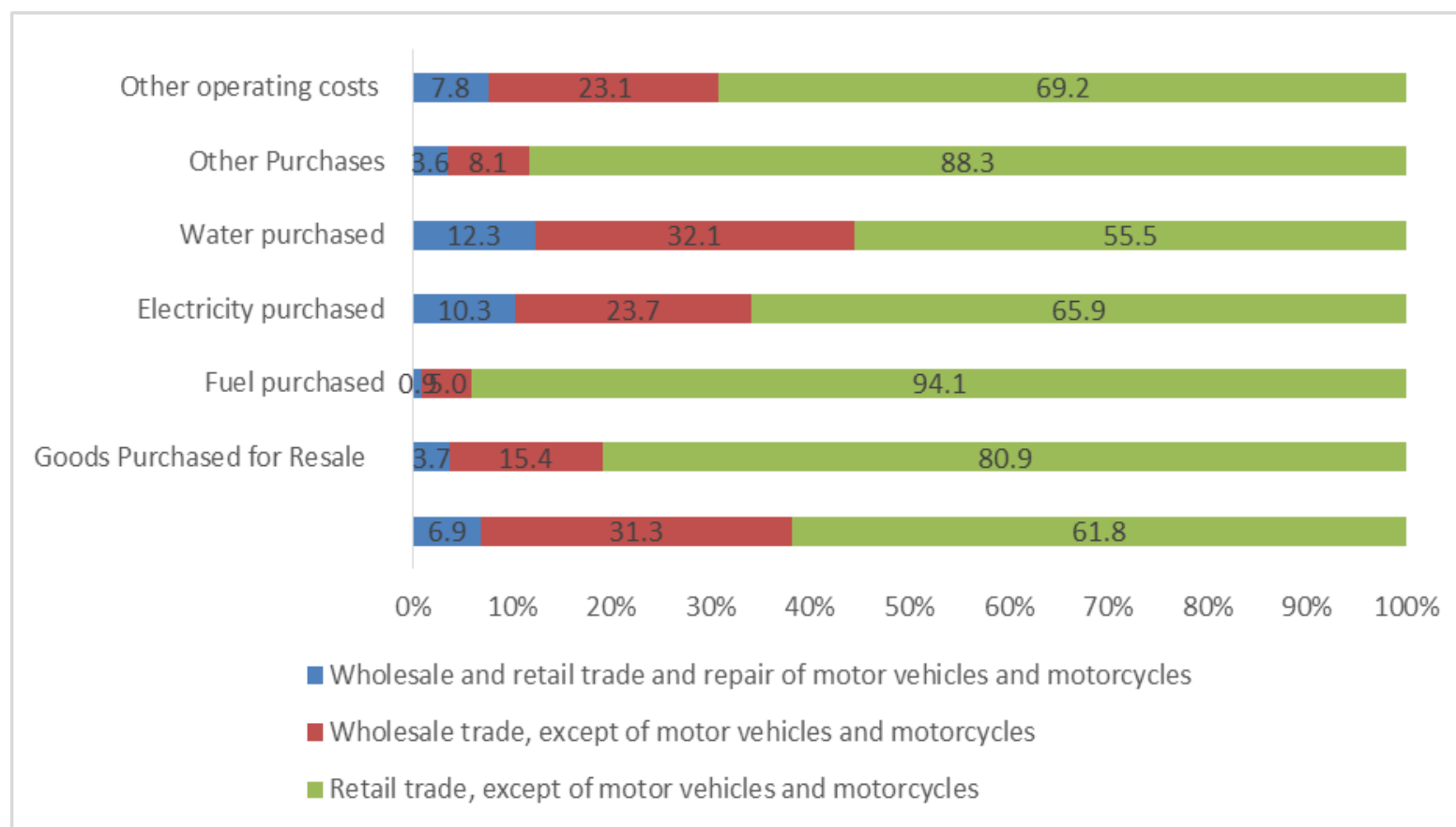
	Total GH¢	Material and Supplies, GH¢	Goods purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other purchases GH¢	Other operating costs GH¢
All subsectors	100	100	100	100	100	100	100	100
Wholesale and retail trade and repair of motor vehicles and motorcycles	63.9	88.4	83.2	77.3	10.1	28.8	32.2	10.0
Transportation and storage	1.8	0.8	1.0	9.5	0.9	2.8	0.1	2.7
Accommodation and food service activities	2.5	3.2	2.3	2.7	4.9	20.5	3.6	1.0
Information and communication	2.9	0.5	10.4	2.8	6.0	7.2	2.9	5.0
Financial and insurance activities	24.5	2.7	0.2	3.6	70.9	14.8	53.0	76.5
Real estate activities	0.5	0.5	0.0	0.1	0.2	0.3	0.1	0.8
Professional, scientific and technical activities	0.6	0.4	0.1	0.4	0.7	2.5	2.6	1.0
Administrative and support service activities	0.3	0.2	0.2	0.5	0.4	0.7	0.1	0.4
Education	0.6	0.3	0.7	1.1	1.4	8.2	2.5	0.9
Human health and social work activities	0.8	0.9	0.8	0.4	1.9	3.2	2.4	0.6
Arts, entertainment and recreation	0.1	0.1	0.0	0.1	0.2	0.5	0.0	0.1
Other service activities	1.6	2.0	1.1	1.5	2.4	10.5	0.6	0.8

5.4 Operating cost in the Wholesale and Retail trade sub-sector

The Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector is made up of three major units namely; wholesale and repair of motorcycles, wholesale trade except of motor vehicles and motorcycles, and retail trade, except of motor vehicles and motorcycles.

Figure 5.11 shows the share of operating cost in the Wholesale and retail trade sub-sector. For each of the expenses incurred by establishments in this sub-sector, the retail trade, except of motor vehicles and motorcycles recorded the largest share on Fuel (94.1%). The lowest expenditure was on Water (55.5%). The wholesale and retail trade and repair of motor vehicles and motorcycles recorded relatively smaller shares of operating costs for items like Water (12.3%) and Fuel (0.9%).

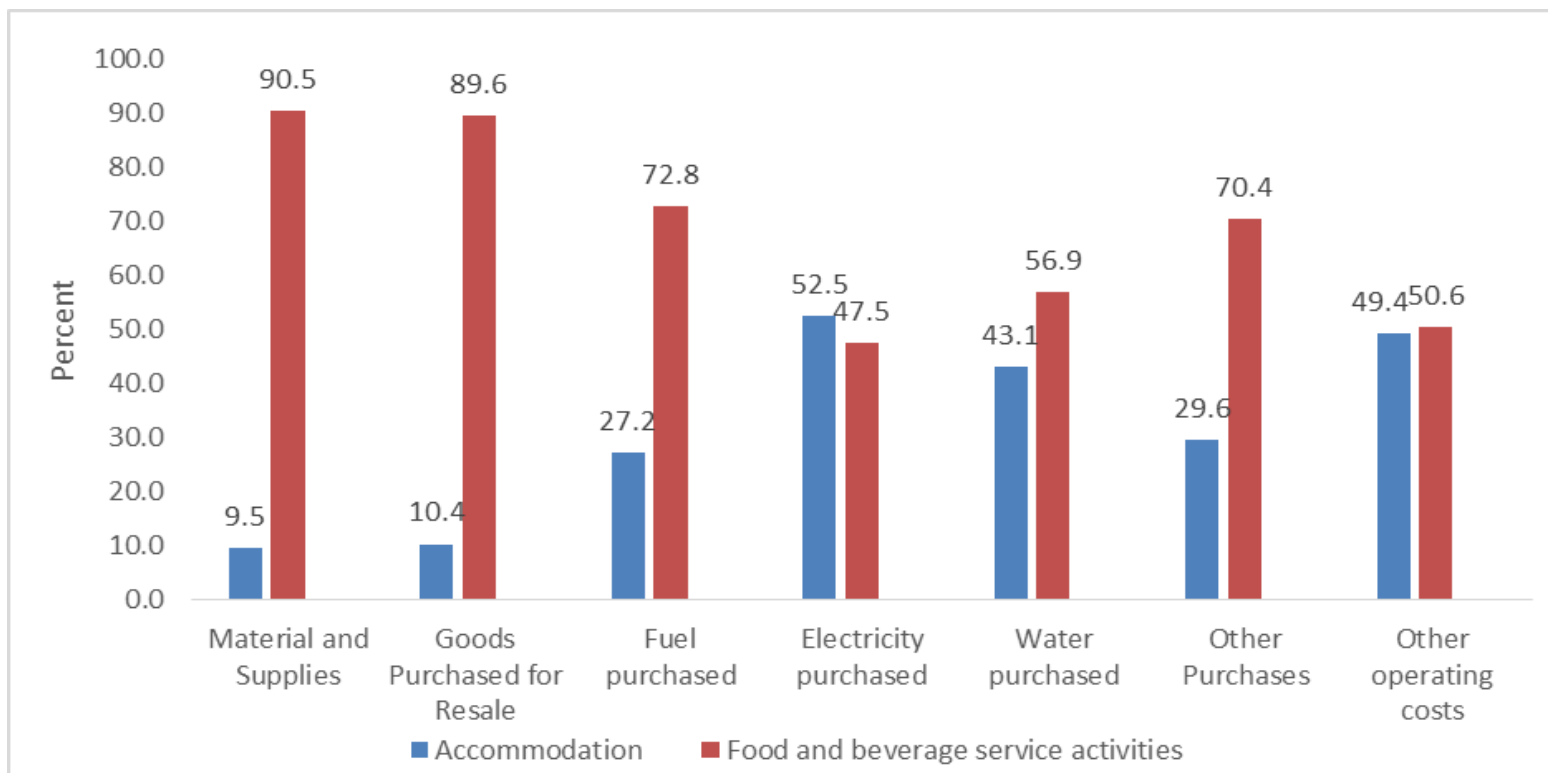
Figure 5.11: The share of operating cost in the wholesale and retail trade sub sector by type of activity



5.4.1 Operating cost in the Accommodation and food service activities

Figure 5.12 presents information on the operating cost of establishments in the accommodation and food and beverage service activities by type of expenditure item.

Figure 5.12: Percentage distribution of operating cost in the accommodation and food services sub-sector by type of expenditure



In this sub-sector, except for electricity purchased which was higher for accommodation (52.5%) and lower for food and beverage service activities (47.5%), activities of Food and beverages industries recorded a higher share of all other categories of expenditure items. For instance, about ninety per cent of expenses on material and supplies, and goods purchased for resale were incurred for food and beverage service activities (90.5% and 89.6% respectively).

5.4.2 Operating cost in the Information and communication sub-sector

Table 5.3 shows the amount of money spent by the various groups in the Information and communication sub-sector. The sub-sector has 3,145 establishments of which 1,265 were found in the Telecommunication group with an expenditure of GH¢3.1 billion out of the total of GH¢3.6 billion.

The Table further shows that for all the expenditure items by the various groups in the sub-sector, Telecommunication incurred expenditures higher than the rest especially on goods purchased for resale (GH¢1,128,910,583) and other operating cost (GH¢1,469,697,831).

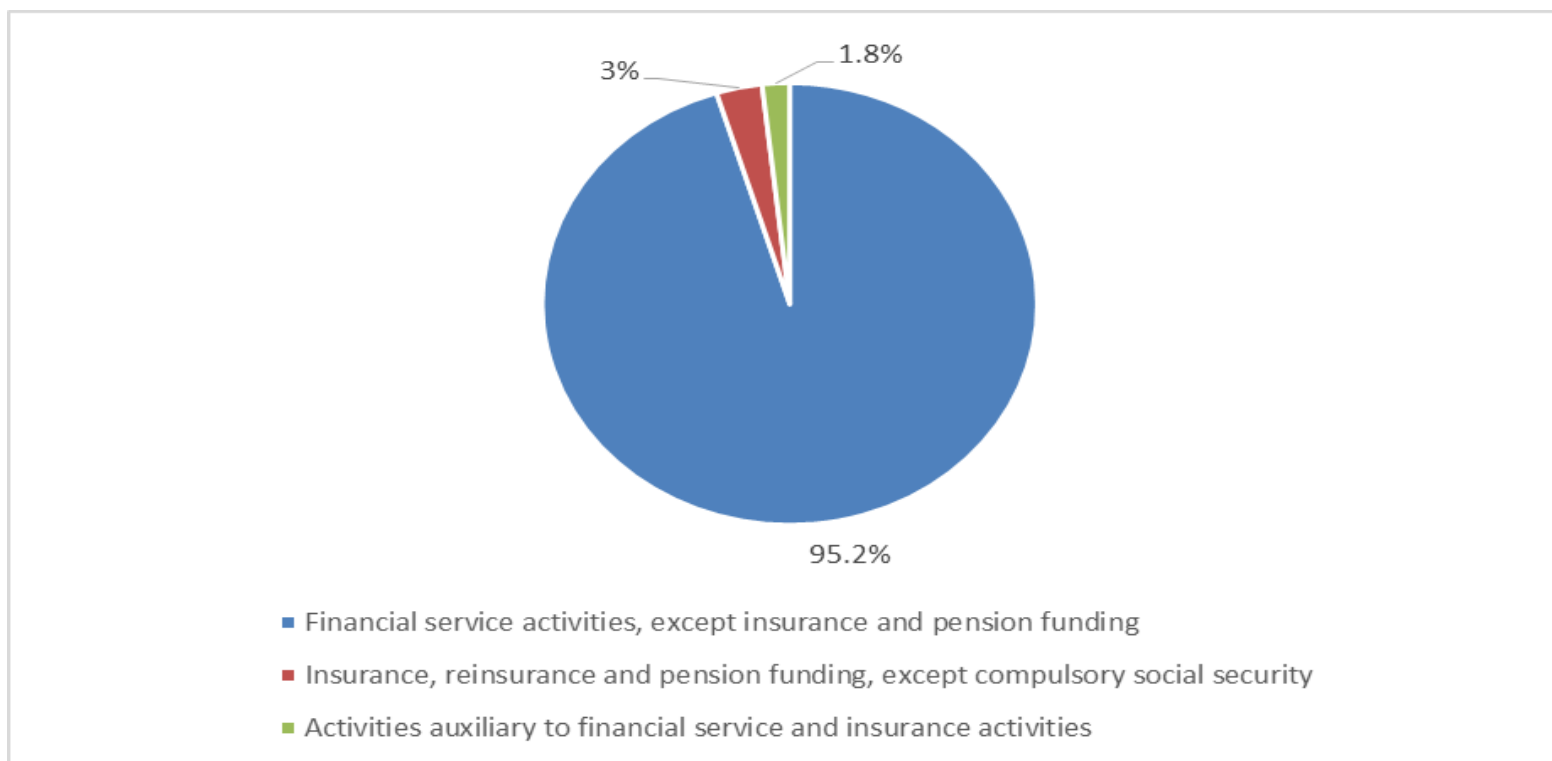
Table 5.3: Distribution of operating cost of establishments in the information and communication subsector by type of expenditure

Establishment Group	Total GH¢	Material and Supplies, GH¢	Goods purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other purchases GH¢	Other operating costs GH¢
Information and communication	3,637,678,738	362,058,883	1,159,343,542	172,048,519	125,220,300	11,363,750	5,068,439	1,802,575,305
Publishing activities	59,720,292	31,569,829	2,145,814	2,486,105	1,365,965	144,857	1,069,900	20,937,822
Motion picture, video and television programme production, sound recording	34,098,550	21,756,892	1,585,937	546,774	1,130,420	77,339	0	9,001,188
Programming and broadcasting activities	209,003,819	5,092,809	22,021,834	10,733,661	8,685,858	414,460	17,056	162,038,141
Telecommunications	3,125,163,884	247,031,778	1,128,910,583	153,227,596	111,857,480	10,457,639	3,980,977	1,469,697,831
Computer programming, consultancy and related activities	81,484,053	10,454,140	799,606	3,400,317	1,542,388	204,187	300	65,083,115
Information service activities	128,208,141	46,153,435	3,879,768	1,654,067	638,189	65,268	206	75,817,208

5.4.3 Operating cost in the Finance and Insurance sub-sector

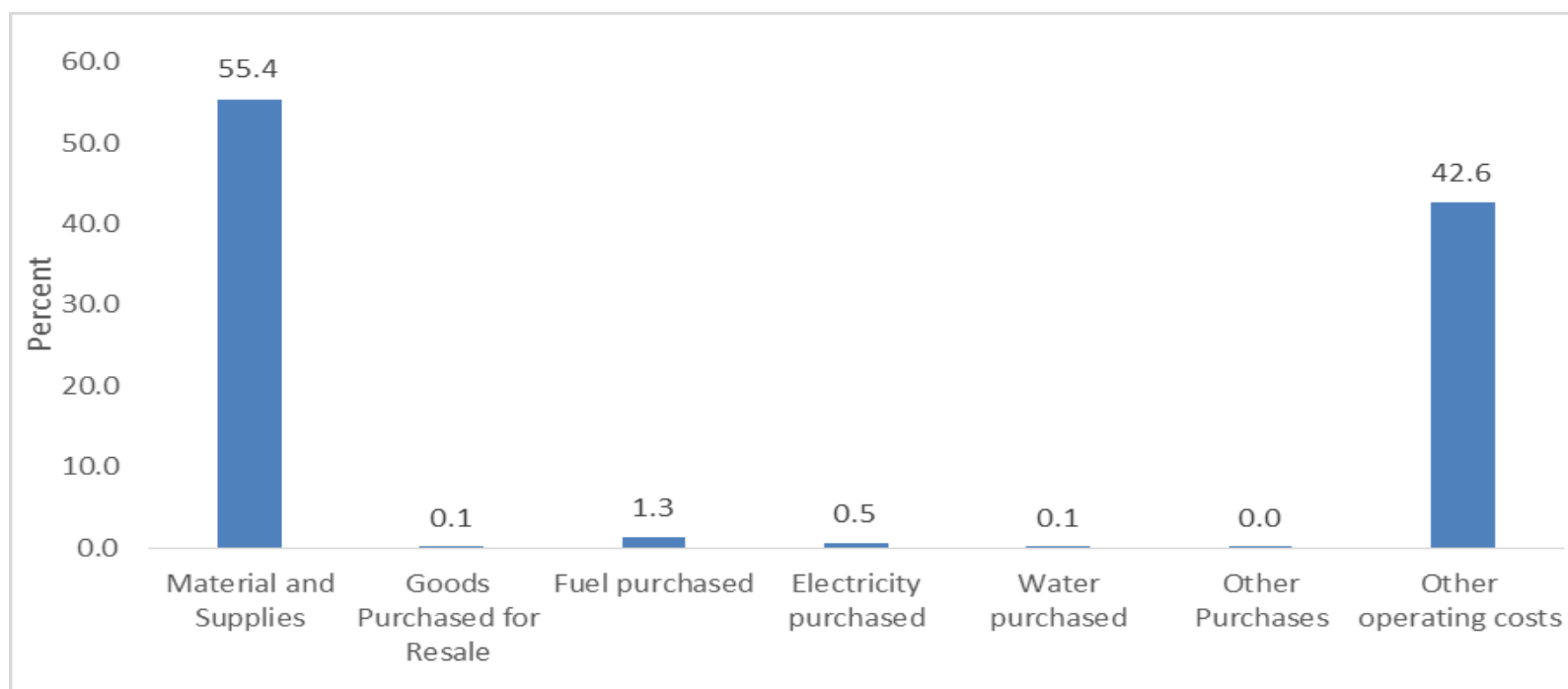
Figure 5.13 gives information on the total expenses made by each of the three major groups in the Financial and insurance sub-sector. The Figure shows that the financial services activities, except insurance and pension funding spent 95.2 percent of the total operating cost in the sub-sector with less than five percent for the insurance, reinsurance and pension funding, except compulsory social security (3.0%) and activities auxiliary to financial and insurance activities (1.8%).

Figure 5.13: Percentage distribution of operating cost by groups in the financial and insurance sub-sector



The distribution of operating costs incurred by establishments in the Real estate activities sub-sector on materials and supplies, goods purchased for resale, fuel purchased, water purchased, other purchases and other operating cost is shown in Figure 5.14. More than half of the amount spent is on acquisition of materials and supplies (55.4%). This is followed by other operating cost (42.6%) such as the purchase of stationeries and intangible intermediate materials. Apart from these two items and fuel purchased (1.3%), expenses made on each of the remaining items is less than one percent of the total operating cost in the sub-sector.

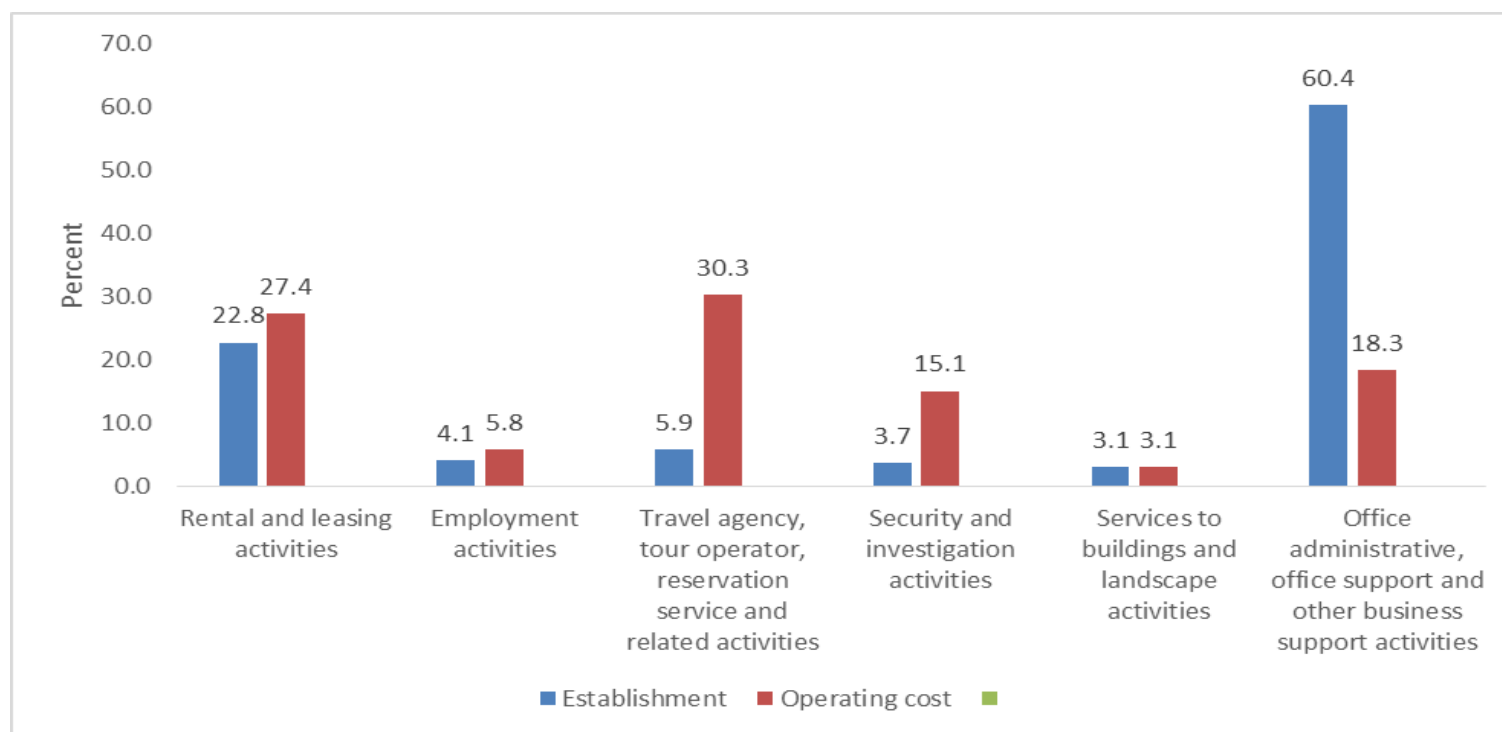
Figure 5.14: Percentage distribution of operating cost of establishments in the real estate sub sector by type of expenditure



5.4.4 Operating cost in the Administrative and Support Services sub-sector

The administrative and support services is one of the major sub-sectors in the Service sector and is made up of the following groupings: rental and leasing activities, employment activities, travel agency, tour operators, reservation services and related activities.

Figure 5.15: Percentage distribution of operating cost of establishments in the Administrative and Support Services sub-sector



The distribution of operating costs of establishments within each group is shown in Figure 5.15. The chart shows that although office administration, office support and other business support activities is made up of 60.4 percent of the total number of establishment in this sub-sector, its share of the total operating cost is 18.3 percent. On the other hand, travel agency, tour operators, reservation service and related activities represented by 5.9 percent of all establishments in the sub- sector had the highest share of the total operating cost of 30.3 percent. Services to buildings and landscape activities had the least proportions of establishments (3.1%) and an operating cost of 3.1 percent.

5.4.5 Operating cost of establishments in the Human health and social work activities sub-sector

Table 5.4 depicts the distribution of the components of operating costs for the Human health and social work activities sub-sector. The Table shows that the Human health activities sub-sector incurred an operating cost of GH¢622.4 million out of a total of GH¢630.0 million on materials and supplies. Similarly, out of a total expenditure on fuel, the Human health activities (GH¢20.1 million) alone consumes about five times the fuel cost incurred by Social work activities without accommodation (GH¢4.5 million) sub-sector. The Residential care activities group consumes the least in each of the components of the operating cost; for instance the group spent only GH¢6,300 out of a total of GH¢ 85.6 million on goods for resale.

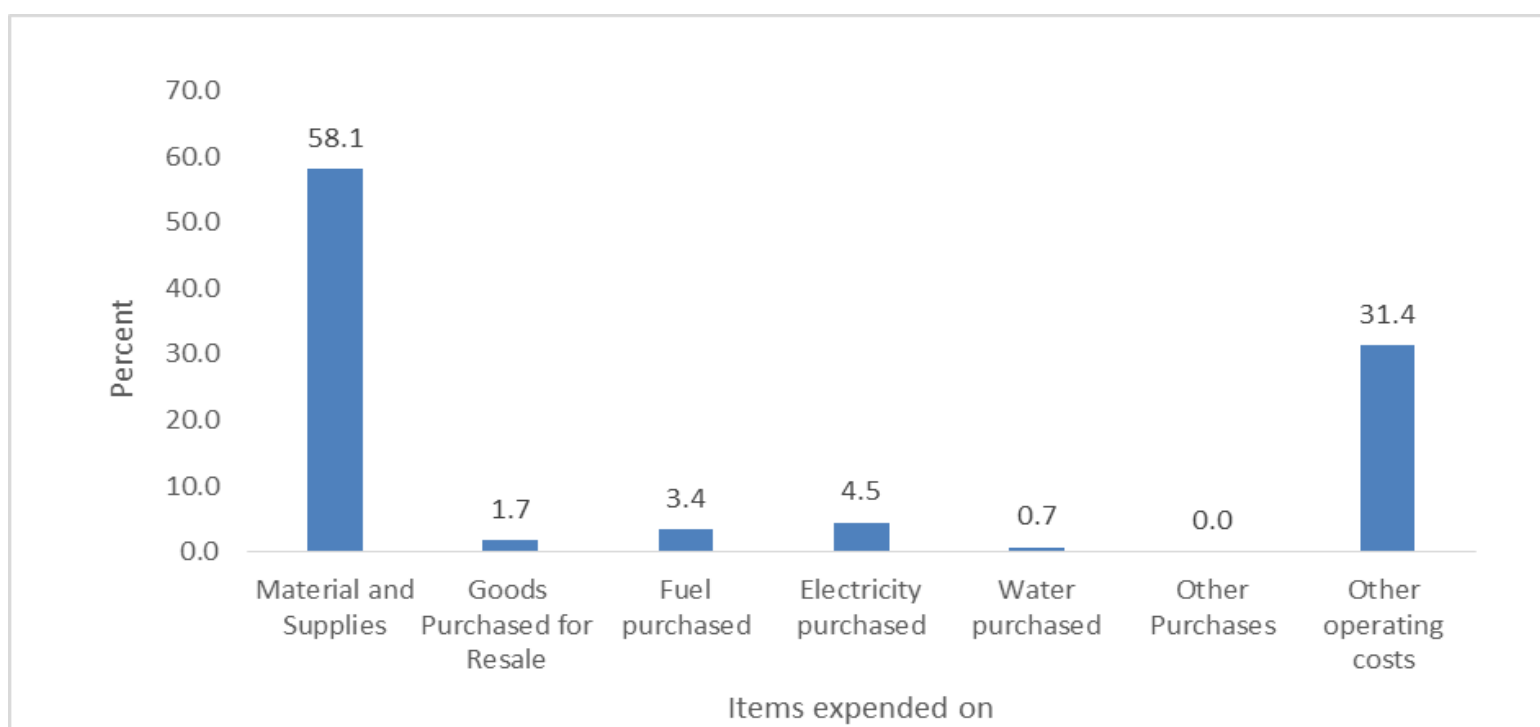
Table 5.4: Distribution of operating cost of establishments in the human health and social work activities sub-sector by type of expenditure

<i>Establishments</i>	Total GH¢	Material and Supplies, GH¢	Goods purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other purchases GH¢	Other operating Costs GH¢
Human health and social work activities	991,758,397	630,042,604	85,629,227	25,385,636	38,875,151	5,027,426	4,229,792	202,568,561
Human health activities	926,318,910	622,436,378	85,610,432	20,123,560	36,607,892	4,552,365	3,859,111	153,129,172
Residential care activities,	4,110,016	1,547,447	6,300	767,289	286,379	111,758	0	1,390,843
Social work activities without accommodation	61,329,471	6,058,779	12,495	4,494,787	1,980,879	363,303	370,682	48,048,546

5.4.6 Operating cost of businesses in the Arts, Entertainment and Recreation sub-sector

The operating cost of establishments in the Arts, entertainment and recreation sub-sector is shown in Figure 5.16. The general pattern of expenditure on the specified items is higher for materials and supplies and other operating costs. The chart shows that 58.1 percent was spent on materials and supplies while less than one-third of the total operating cost was for other operating costs. The expenses on goods purchased for resale, fuel purchased, electricity purchased, water purchased and other purchases were all lower than five percent.

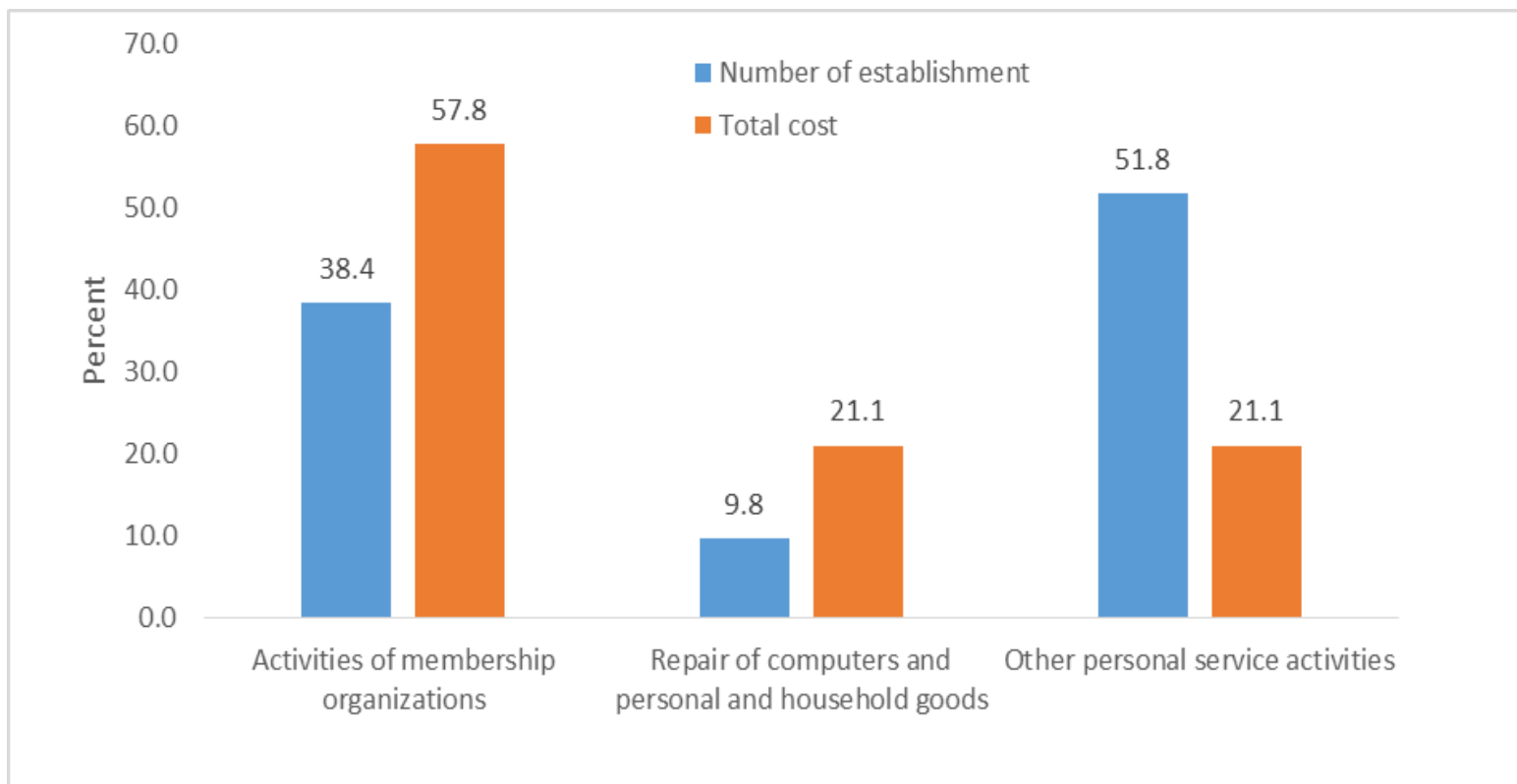
Figure 5.16: Percentage distribution of operating cost of businesses in the Arts, entertainment and recreation sub-sector by type of expenditure



5.4.7 Operating cost in the Other Service Activities sub-sector

Figure 5.17 illustrates the percentage distribution of operating costs of establishments within each of the groups in the other service activities sub-sector. The Figure shows that establishments in activities of Membership of organizations group had the highest proportion of businesses (38.4%) in the subsector as well as the highest share of operating cost (57.8%) in the sub-sector. On the other hand, repair of computers and personal and household goods had the least proportion of establishments (9.8%) and also the least operating cost (21.1%). The Figure also illustrates a strange relation between operating cost and the share of establishments in the other personal service activities where the share of industries (51.8%) is lower than the share of operating cost (21.1%).

Figure 5.17: Percentage distribution of operating cost of businesses in the other service activities sub-sector by proportion of establishments



The survey also collected detailed information on the operating cost of micro, small, medium and large establishments in the Service sector as presented in Table 5.5.

Table 5.5: Distribution of operating cost of establishments in the Services sector by Size

Sub-sector	Total amount (GH¢)	Percent	Size of establishment			
			Micro Percent	Small Percent	Medium Percent	Large Percent
Wholesale and retail trade and repair of motor vehicles and motorcycles	81,254,081,479	100	31.1	33.2	25.5	10.2
Transportation and storage	2,265,890,170	100	7.9	36.8	25.8	29.4
Accommodation and food service activities	3,198,850,361	100	35.5	30.3	27.7	6.5
Information and communication	3,637,678,738	100	1.3	8.7	10.0	80.0
Financial and insurance activities	31,146,624,565	100	28.1	17.1	18.7	36.1
Real estate activities	696,027,383	100	6.6	40.2	19.4	33.8
Professional, scientific and technical activities	752,573,095	100	6.1	57.8	28.3	7.8
Administrative and support service activities	351,520,769	100	22.0	45.5	20.0	12.5
Education	742,049,906	100	10.6	44.9	33.4	11.1
Human health and social work activities	991,758,397	100	3.6	54.9	19.0	22.5
Arts, entertainment and recreation	99,006,436	100	20.4	52.8	5.6	21.1
Other service activities	1,999,457,297	100	52.0	39.6	3.0	5.4

For most of the sub-sectors, the share of the total operating cost was high for small-sized establishments than large-sized establishments. As shown in the Table, the sub-sectors with high operating cost include Professional, scientific and technical activities with 57.8 percent, Human health and social work activities (54.9%); Arts, entertainment and recreation (52.0%). The corresponding shares for large-sized establishments are 7.8 percent, 22.5 percent and 21.1 percent respectively. It was only in the Information and communication sub-sector that large-sized establishments accounted for 80.0 percent of the total operating cost.

5.4.8 Operating cost of establishments in the Services sector by Region

The operating cost of businesses in the Service sector in the regions is captured in Table 5.6. The Table reveals that, across the regions, the Wholesale and retail trade and repair of motor vehicles and motorcycles sub-sector recorded the largest operation cost except in the Upper East region whereas Financial and insurance service activities sub-sector (59.5%) recorded the highest share. In Greater Accra region, about 88 percent of the overall operating cost was either recorded in the Wholesale trade and retail trade sub-sector (55.1%) or Financial and insurance activities (33.3%), whereas the least operating cost is recorded for the Arts, entertainment and recreation sub-sector.

Table 5.6: Percentage distribution of operating cost of establishments in the Services sector by Region

Subsector	Region									
	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Brong Ahafo	Northern	Upper East	Upper West
Services sector	100	100	100	100	100	100	100	100	100	100
Wholesale and retail trade and repair of motor vehicles and motorcycles	81.2	88.2	55.1	91.1	84.9	83.8	88.9	89.8	80.7	36.9
Transportation and storage	3.4	0.2	2.2	0.1	0.6	1.2	0.5	0.2	0.1	0.2
Accommodation and food service activities	6.2	2.3	1.9	4.2	6.1	3.5	3.1	2.8	6.2	2.3
Information and communication	2.1	0	3.9	0.6	0.1	0.3	0.1	0.2	0.1	2.3
Financial and insurance activities	1.8	1.8	33.3	0.4	2.5	1.9	1.9	5.4	1.3	59.2
Real estate activities	0	0.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Professional, scientific and technical activities	0.2	0.1	0.7	0.2	0.1	0.9	0.1	0.1	0.1	0.1
Administrative and support service activities	0.1	0.0	0.3	0.1	0.1	0.6	0.1	0.1	0.2	0.0
Education	1.9	0.4	0.4	0.7	1.4	1.3	1.4	0.3	0.6	0.4
Human health and social work activities	0.8	0.4	0.4	1.0	1.4	4.6	1.1	0.3	1.3	0.5
Arts, entertainment and recreation	0.5	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.0
Other service activities	1.8	6.6	1.0	1.7	2.7	1.7	2.5	0.7	9.3	0.3

5.5 Compensation of employees in the Services sector

The 2014 Integrated Business Establishment Survey (IBES) also collected information on compensation paid to employees which is presented in this section. Table 5.7 presents information on the number of persons engaged, number of employees, compensation received by employees and the total number of establishments by the main ISIC groups in the Service sector. The total number of persons engaged in the Service sector was 2,297,761. The Wholesale and retail trade; repair of motor vehicles and motor-cycles (33.9%) sub-sector engages most persons. This is followed by other service activities sub-sector (20.6%) and Education sub-sector (13.1%). All the other remaining sub-sectors in the sector recorded proportions below ten percent.

Table 5.7 further presents information on the number of employees in the various sub-sectors in the Service sector. A total of 1,350,306 persons were employed in the Service sector. Establishments in the Wholesale and retail trade: repair of motor vehicles and motor-cycles employ about one-quarter persons (25.5%) the sector. This is followed by the Education sub-sector which employs 20.6 percent, and the Financial and insurance activities sub-sector with 15.2 percent Establishments in the Accommodation and food sub-sector employs 11.3 percent of the total persons employed in the Service sector. All other sub-sectors recorded proportions below ten percent with establishments in the Real estate activities recording the lowest of 0.5 percent.

An amount of GH¢15.8 billion was paid as wages and salaries (in cash or in-kind) to employed persons in the Service sector during the 2013 financial year. Relative to the Wholesale and retail trade; repair of motor vehicles and motor-cycles sub-sector, even though the number of persons employed by the Financial and insurance activities sub-sector is lower, it has the largest share of the overall wages and salaries contributing more than half (55.9%).. The least, in terms of wages and salaries (cash or in-kind) is from the Arts, entertainment and recreation sub-sector (Table 5.7).

Information on the Social security contributions of employees was also collected during the survey. Total contribution made by establishments within the Service sector, on behalf of employees as social security for the survey reference period amounted to about GH¢1.8 million. Again, it was observed that the Financial and insurance activities sub-sector (47.7%) paid the largest share of the overall social security contributions. More than one-tenth (13.3%) of social security contributions was from the Human health and social work activities sub-sector, while 10.9 percent was from the Accommodation and food service activities sub-sector. It is worth noting that data on the Human health and social work activities and Education sub-sectors are solely from the activities of private sector establishments. Again, all other activity groups in this sector have proportions less than ten percent each.

Table 5.7 further shows that a total of GH¢446,590,355 was paid as supplements to wages and salaries in the Service sector. These include among others private pension plans and workmen’s accidents compensation. Nearly sixty percent (57.6%) of this amount is attributed to payments to employees in the Financial and insurance activities sub-sector. Those in the Transport and storage activity group followed with 13.3 percent while the Real estate group had the lowest contribution (0.1%).

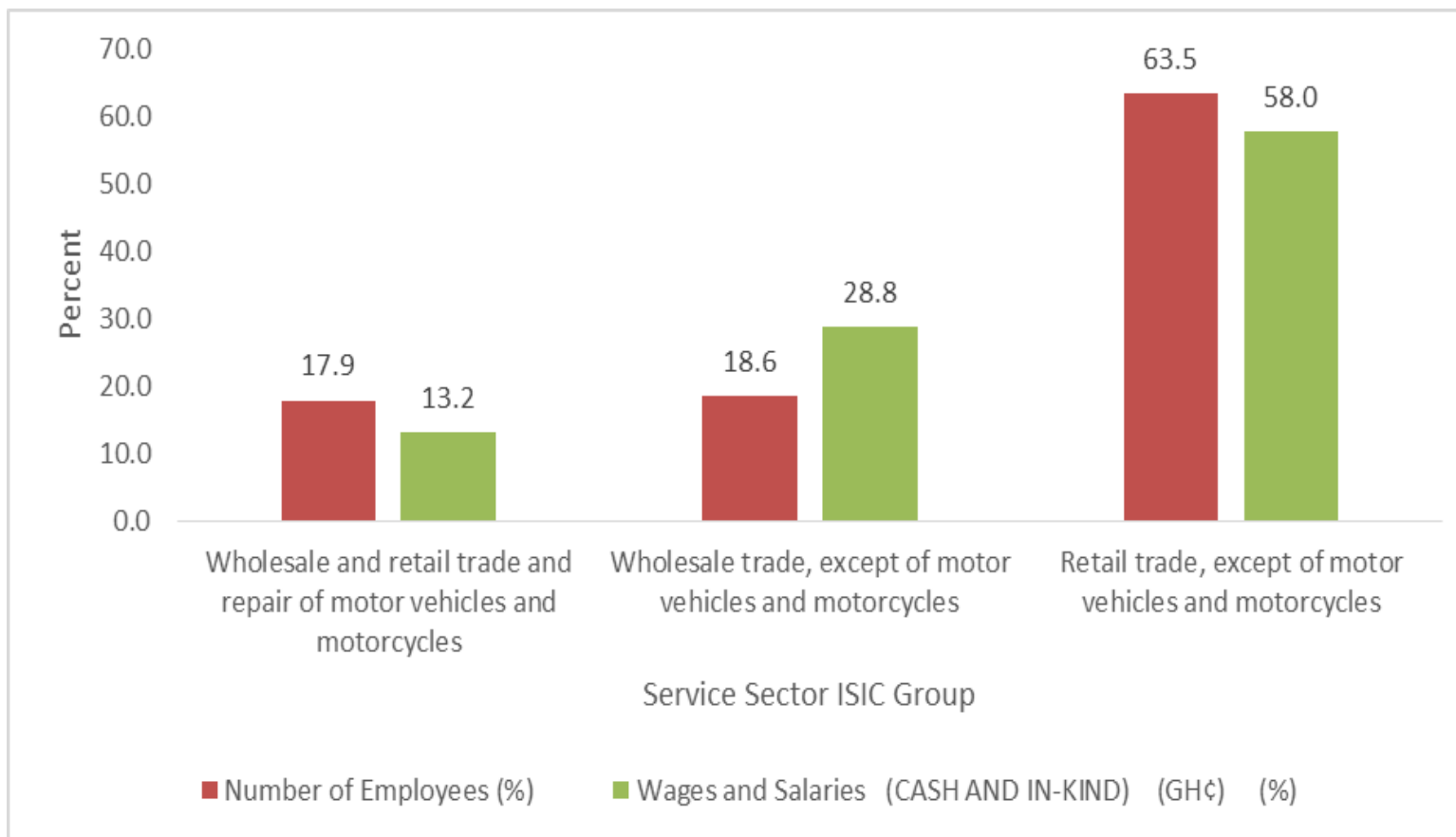
Table 5.7: Compensation of employees in the Service sector

ISIC Group	Number of Persons Engaged (%)	Number of Employees (%)	Wages and Salaries (CASH AND IN-KIND) (GH¢) (%)	Social Security (GH¢) (%)	Other Supplement to wages and salaries (GH¢) (%)	Number of Establishments (%)
Wholesale and retail trade; repair of motor vehicles and motorcycles	33.9	25.5	10.3	6.1	8.0	55.5
Transportation and storage	1.8	2.6	2.1	8.1	13.3	0.5
Accommodation and food service activities	9.9	11.3	4.1	10.9	6.4	10.5
Information and communication	1.3	1.8	2.1	1.8	2.4	0.7
Financial and insurance activities	9.8	15.2	55.9	47.7	57.6	1.4
Real estate activities	0.3	0.5	0.3	0.2	0.1	0.1
Professional, scientific and technical activities	1.6	2.0	2.1	1.5	1.2	1.1
Administrative and support service activities	3.8	5.6	8.7	0.8	1.2	1.2
Education	13.1	20.6	6.9	8.4	6.6	4.0
Human health and social work activities	3.2	4.7	3.8	13.3	1.5	0.8
Arts, entertainment and recreation	0.7	0.8	0.2	0.1	0.5	1.1
Other service activities	20.6	9.4	3.3	1.1	1.4	23.1

5.6 Wholesale and retail trade sub-sector activities in the Services sector

Figure 5.18 presents information on the share of the activity groups in the Wholesale and retail trade: repair of motor vehicles and motor-cycles sub-sector of the Service sector. Retail trade except for motor vehicles and motor cycles employs the highest proportion of 63.5 percent of the total employees in the sub-group and also contributed 58.0 percent of wages and salaries in the sub-group. This is followed by those employed in the Wholesale trade except for motor vehicles and motor cycles with about one-fifth (18.6%) of the number of persons employed and 28.8 percent of total wages and salaries paid in the sub-sector. Those in the Wholesale and retail trade and repair of motor vehicles and motorcycles activity group employs the least proportion and also paid the lowest proportion of wages and salaries in the sub-sector.

Figure 5.18: Wholesale and retail trade sub-sector activities in the Services sector



5.7 Compensation of Employees in the Service sector

The number of employees, wages and salaries and the number of establishments in the Information and communication sub-sector is presented in Table 5.8. Establishments within the Telecommunication activity group have the highest proportion of employees (45.3%), wages and salaries (68.5%) and establishments in the sub-sector (40.2%). This was followed by establishments in activities relating to Programming and broadcasting which employs 22.8 percent of the total persons employed, and contributes 12.2 percent of wages and salaries. The sub-sector also has 11.6 percent of the number of establishments in the sub-sector. Activities relating to Motion pictures, video and television programming production, sound recording has more than a tenth of the total number of establishments in the sub-sector but employ the least proportion of employees and contribute the lowest proportion to wages and salaries.

Table 5.8 also presents information on the Transport and storage sub-sector with Warehousing and support activities for transportation and Land transport and transport via pipelines being the two main activity groups contributing to the sub-sector. The two activity groups together have more than eighty percent of establishments, and also contribute over eighty percent to employees as well as wages and salaries paid. Air transport activities contribute about ten percent (11.8%) to wages and salaries paid in the sub-sector.

Table 5.8: Compensation of Employees in the Service sector

ISIC Group	Number of Persons Engaged (%)	Number of Employees (%)	Wages and Salaries (CASH AND IN- KIND) (GH¢) (%)	Social Security (GH¢) (%)	Other Supplement to wages and salaries (GH¢) (%)	Number of Establishments (%)
<i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	100.0	100.0	100.0	100.0	100.0	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	19.5	17.9	13.2	11.1	9.8	10.9
Wholesale trade, except of motor vehicles and motorcycles	10.9	18.6	28.8	26.0	31.7	5.7
Retail trade, except of motor vehicles and motorcycles	69.7	63.5	58.0	62.9	58.5	83.4
<i>Transportation and storage</i>	100.0	100.0	100.0	100.0	100.0	100.0
Land transport and transport via pipelines	38.8	35.3	16.3	49.9	7.7	34.8
Water transport	4.1	4.6	2.8	2.9	0.4	2.9
Air transport	4.5	5.1	11.8	1.1	3.3	3.0
Warehousing and support activities for transportation	49.2	51.3	65.8	45.5	88.5	53.8
Postal and courier activities	3.4	3.8	3.3	0.7	0.0	5.5
<i>Accommodation and food service activities</i>	100.0	100.0	100.0	100.0	100.0	100.0
Accommodation	19.4	25.2	39.3	91.3	64.5	8.9
Food and beverage service activities	80.6	74.8	60.7	8.7	35.5	91.1
<i>Information and communication</i>	100.0	100.0	100.0	100.0	100.0	100.0
Publishing activities	8.0	7.8	5.8	18.2	9.6	5.0
Motion picture, video and television programme production, sound recording	4.6	3.6	1.8	0.7	0.1	12.0
Programming and broadcasting activities	23.9	22.8	12.2	10.9	20.9	11.6
Telecommunications	43.4	45.3	68.5	59.5	64.4	40.2
Computer programming, consultancy and related activities	11.6	13.0	7.0	5.8	2.5	14.5
Information service activities	8.4	7.6	4.8	4.8	2.5	16.6

Within the Financial and insurance sub sector, financial service activities, except insurance and pension funding activity group has the highest proportion of establishments (83.8%), employees (92.2%) and contributes (95.6%) to wages and salaries paid in the sub-sector (Table 5.9).

In the case of Professional, scientific and technical activities sub-sector, Architectural and engineering activities and the technical testing and analysis group employs 30.5 percent of all employed persons, contributing 40.8 percent to wages and salaries and has a share of 16.3 percent of establishments in the sub-sector (Table 5.9). On the contrary, nearly sixty percent (59.5%) of establishments in the sub-sector engaged in providing other professional, scientific and technical services and employs 31.4 percent but contribute only 10.9 percent to wages and salaries.

The Administrative and support service activities sub-sector has 60.4 percent of the establishments engaged in Office administrative, office support and other business support activities, employing 8.8 percent of the persons engaged but contributing 86.3 percent of the wages and salaries. The Rental and leasing activities group constituted 22.8 percent of establishments, but employs a low proportion of 5.1 percent and contributing only 1.5 percent to wages and salaries. The Employment activities and Security and investigative activities groups however, have 4.1 percent of establishments in the sub-sector but employs 41.1 percent and 38.0 percent of persons in the sector respectively (Table 5.9). Their contributions to wages and salaries are however low (3.8% and 7.0 % respectively).

Table 5.9: Compensation of Employees in the Service sector

ISIC Group	Number of Persons Engaged (%)	Number of Employee s (%)	Wages and Salaries (cash and in-kind) (GH¢) (%)	Social Security (GH¢) (%)	Other Supplement to wages and salaries (GH¢) (%)	Number of Establishments (%)
Financial and insurance activities	100.0	100.0	100.0	100.0	100.0	100.0
Financial service activities, except insurance and pension funding	91.5	92.2	95.6	93.8	93.4	83.8
Insurance, reinsurance and pension funding, except compulsory social security	6.9	6.1	3.5	5.8	6.2	7.3
Activities auxiliary to financial service and insurance activities	1.7	1.7	0.8	0.4	0.4	8.8
Real estate activities	100.0	100.0	100.0	100.0	100.0	100.0
Real estate activities	100.0	100.0	2.7	100.0	100.0	100.0
Professional, scientific and technical activities	100.0	100.0	100.0	100.0	100.0	100.0
Legal and accounting activities	10.5	11.6	10.5	10.3	12.2	10.5
Activities of head offices; management consultancy activities	10.1	11.9	18.8	31.1	23.4	7.9
Architectural and engineering activities; technical testing and analysis	27.1	30.5	40.8	36.4	44.3	16.3
Scientific research and development	3.4	4.4	9.3	6.9	0.7	0.8
Advertising and market research	7.9	9.4	9.1	9.2	13.5	4.2
Other professional, scientific and technical activities	40.2	31.4	10.9	5.0	5.4	59.5
Veterinary activities	0.8	0.9	0.6	1.1	0.5	0.6
Administrative and support service activities	100.0	100.0	100.0	100.0	100.0	100.0
Rental and leasing activities	6.6	5.7	1.5	10.0	16.2	22.8
Employment activities	35.7	41.1	3.8	20.6	59.8	4.1
Travel agency, tour operator, reservation service and related activities	2.0	2.0	1.0	11.9	2.5	5.9
Security and investigation activities	34.0	38.0	7.0	42.0	16.7	3.7
Service to buildings and landscape activities	4.1	4.2	0.5	5.0	1.5	3.1
Office administrative, office support and other business support activities	17.6	8.8	86.3	10.6	3.2	60.4

Table 5.10 shows that for the Arts, entertainment and recreation sub-sector, Gambling and betting activities has more than three-quarters (76.7%) of establishments and employs more than half (52.7%) of persons engaged in the sub-sector. This activity group also contributes 60 percent to wages and salaries. The Creative arts and entertainment activities on the other hand has 7.5 percent of the total number of establishments , employs one-quarter (25.3%) of persons engaged in the sub-sector and contributes 14.7 percent to wages and salaries.

Table 5.10: Compensation of Employees in the Service sector

ISIC Group	Number of Persons Engaged (%)	Number of Employees (%)	Wages and Salaries (CASH AND IN- KIND) (GH¢) (%)	Social Security (GH¢) (%)	Other Supplement to wages and salaries (GH¢) (%)	Number of Establishments (%)
Education	100.0	100.0	100.0	100.0	100.0	100.0
Education	100.0	100.0	100.0	100.0	100.0	100.0
Human health and social work activities	100.0	100.0	100.0	100.0	100.0	100.0
Human health activities	86.4	87.1	88.2	97.1	41.6	85.0
Residential care activities	1.9	1.9	0.9	0.2	0.2	3.8
Social work activities without accommodation	11.7	11.0	10.9	2.7	58.2	11.2
Arts, entertainment and recreation	100.0	100.0	100.0	100.0	100.0	100.0
Creative, arts and entertainment activities	22.9	25.3	14.7	14.9	1.5	7.5
Libraries, archives, museums and other cultural activities	5.4	6.4	11.0	8.2	2.3	1.6
Gambling and betting activities	53.1	52.7	60.0	59.4	93.3	76.7
Sports activities and amusement and recreation activities	18.7	15.6	14.3	17.4	2.8	14.3
Other service activities	100.0	100.0	100.0	100.0	100.0	100.0
Activities of membership organizations	54.8	57.4	70.1	79.7	48.9	38.4
Repair of computers and personal and household goods	6.4	7.9	8.2	14.4	8.6	9.8
Other personal service activities	38.9	34.6	21.7	5.9	42.5	51.8

5.8 Compensation of Employees by establishment size in the Service sector (LMSM)

In terms of size, the small-sized and micro-sized establishments in the Service sector together engaged 75.1 percent of the total workforce while the large-sized establishments engaged 13.4 percent. Again, the proportions of employees in the small-sized (42.9%) and micro-sized (20.2%) establishments are relatively higher than the other size categories. With regard to compensation, large-sized establishments paid more than half (54.8%) of wages and salaries, 49.6 percent of Social security contribution and other supplementary to wages and salaries (59.3%). On the contrary, the micro-sized (79.0%) establishments had the highest proportion of establishments while the large-sized (0.2%) establishments have the lowest (Table 5.11).

Within the wholesale and retail trade, repair of motor vehicles and motorcycles sub-sector, small-sized contributed the highest proportions of wages and salaries with a share of 40.9 percent. Employees in small-sized business received 40.0 percent of the total social security contribution and 35.5 percent of payments supplementary to wages and salaries. However, the micro-sized has the highest proportion (88.6%) of establishments while the large-sized had the lowest with less than one percent. The small-sized and micro-sized establishments together had more than ninety percent of the total workforce and about 85.0 percent of employees.

In the case of the Transport and storage sub-sector, although small-sized businesses employed more persons (13,802) than large-sized businesses (11,630), their earnings is less than half of large-sized business (GH¢75.3 million versus GH¢189.4 million). Furthermore, almost ninety percent of social security contributions in this sub-sector is paid by large-sized establishments, while those in the other size categories contributed less than five percent each.

Within the accommodation and food service sub-sector, small-sized establishments employed relatively more persons but their compensation is far less compared to those in the other size categories. For instance, small-sized businesses employ 65,759 less persons compared with medium-sized businesses (38,091), but paid about two-thirds of the wages and salaries earned by employees of medium-sized businesses (GH¢292.8 million against GH¢199.5 million). In the case of social security contributions, small-sized establishments contributed one-tenth of what was paid by medium-sized businesses. Within the sub-sector, even though large-sized businesses employ the least proportion of persons, they paid pays more social security contribution for their employees compared to small-sized businesses (GH¢40 million and GH¢11.3 million respectively), as well as the other benefits (supplement to wages and salaries) compared to those in the other size categories.

Table 5.11: Compensation of Employees in the service sub-sectors by size

ISIC Group	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - NATIONAL	3,061,521		1,778,940		25,886,943,260		2,152,139,776		607,047,221		535,471	
Services	2,297,761	100.0	1,350,305	100.0	15,687,753,058	100.0	1,843,614,467	100.0	446,590,354	100.0	426,703	100.0
Large-Sized Businesses	307,851	13.4	276,817	20.5	8,590,797,617	54.8	914,117,569	49.6	264,939,664	59.3	863	0.2
Medium-Sized Businesses	265,374	11.5	221,722	16.4	1,936,461,677	12.3	392,131,971	21.3	53,710,220	12.0	5,599	1.3
Small-Sized Businesses	934,202	40.7	579,343	42.9	2,745,293,533	17.5	268,990,306	14.6	113,532,501	25.4	82,990	19.4
Micro-Sized Businesses	790,334	34.4	272,424	20.2	2,415,200,231	15.4	268,374,622	14.6	14,407,970	3.2	337,251	79.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	778,492	100.0	344,035	100.0	1,623,115,731	100.0	113,145,579	100.0	35,556,685	100.0	236,709	100.0
Large-Sized Businesses	21,250	2.7	20,567	6.0	220,968,462	13.6	24,108,513	21.3	11,169,584	31.4	79	0.0
Medium-Sized Businesses	37,212	4.8	32,419	9.4	337,209,135	20.8	35,874,060	31.7	6,290,677	17.7	854	0.4
Small-Sized Businesses	254,070	32.6	146,634	42.6	663,828,459	40.9	45,169,482	39.9	11,895,077	33.5	26,124	11.0
Micro-Sized Businesses	465,960	59.9	144,415	42.0	401,109,676	24.7	7,993,524	7.1	6,201,347	17.4	209,651	88.6
Transportation and storage	41,035	100.0	35,113	100.0	331,627,252	100.0	149,473,565	100.0	59,207,034	100.0	2,300	100.0
Large-Sized Businesses	12,443	30.3	11,630	33.1	189,372,559	57.1	134,044,520	89.7	50,983,123	86.1	45	2.0
Medium-Sized Businesses	10,485	25.6	7,906	22.5	59,503,638	17.9	8,073,183	5.4	5,820,249	9.8	215	9.3
Small-Sized Businesses	15,786	38.5	13,802	39.3	75,318,237	22.7	6,581,194	4.4	2,304,917	3.9	1,197	52.0
Micro-Sized Businesses	2,321	5.7	1,776	5.1	7,432,818	2.2	774,667	0.5	98,744	0.2	843	36.7
Accommodation and food service activities	226,989	100.0	152,678	100.0	641,855,223	100.0	200,508,836	100.0	28,474,581	100.0	44,682	100.0
Large-Sized Businesses	6,428	2.8	6,226	4.1	61,475,238	9.6	39,848,001	19.9	17,838,334	62.6	29	0.1
Medium-Sized Businesses	40,083	17.7	38,091	24.9	292,755,117	45.6	147,944,591	73.8	795,907	2.8	747	1.7
Small-Sized Businesses	80,695	35.6	65,759	43.1	199,496,684	31.1	11,282,370	5.6	7,803,811	27.4	7,599	17.0
Micro-Sized Businesses	99,783	44.0	42,601	27.9	88,128,183	13.7	1,433,874	0.7	2,036,530	7.2	36,307	81.3

Table 5.12 shows that within the Information and communication sub-sector, although large-sized businesses constitute less than two percent of the total number of establishments, they contributed 59.4 percent of total wages and salaries. Again, employees in large-sized businesses received about 59.0 percent of social security contributions and 62.8 percent of total payments made as other supplementary payments to wages and salaries. The large-sized establishments also engage 33.4 percent of the total workforce and about 39.0 percent of the total number of employees. Even though Micro-sized businesses have the largest share of the total number of establishments (72.7%), they engaged the lowest proportion of the total workforce (18.8%) and the least proportion of employees (14.4).

Only about five percent (4.9%) of establishments in the Financial and insurance sub-sector are large-sized but they engage 62.3 percent of the total workforce and employs 64.0 percent of the total number of employees. Also, the large-sized businesses have the highest share (69.8%) of total wages and salaries and more than half of the total social security contribution for employees. Although Micro-sized businesses (32.1%) have the second highest proportion of the total number of establishments, it engages the lowest proportion of the total workforce and least number of employees (2.1%).

Table 5.12 further shows that, for the real estate sub-sector, the Medium-sized businesses (37.3%) engage the highest proportion of the total number of persons and employs 38.2 percent of the total number of employees and contribute one-third (33.3%) as wages and salaries. Comparatively, the large-sized businesses have only 2.4 percent of the number of establishments but they contribute 32.0 percent to salaries and had the highest share of social security contributions (43.2%) paid to their employees and 33.3 percent of other supplements to wages and salaries.

In the case of Professional, scientific and technical sub-sector, small-sized businesses employ more than half (57.3%) of the total number of employees and engages about 57.0 percent of the total workforce. They also paid the highest proportion of wages and salaries (54.9%) and contribute more than sixty percent (66.2%) to social security. On the other hand, the micro-sized businesses constitute the largest proportion of the total number of establishments (54.9%) but have the lowest share of wages and salaries and social security contribution (7.6% and 3.4% respectively).

Table 5.12: Compensation of Employees in the service sub-sectors by size

ISIC Group	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - NATIONAL	3,061,521		1,778,940		25,886,943,260		2,152,139,776		607,047,221		535,471
Services	2,297,761	100.0	1,350,305	100.0	15,687,753,058	100.0	1,843,614,467	100.0	446,590,354	100.0	426,703	100.0
Information and communication	29,719	100.0	24,602	100.0	334,388,729	100.0	34,084,531	100.0	10,588,680	100.0	3,145	100.0
Large-Sized Businesses	9,936	33.4	9,547	38.8	198,622,754	59.4	19,992,900	58.7	6,649,736	62.8	34	1.1
Medium-Sized Businesses	5,771	19.4	5,028	20.4	81,719,303	24.4	10,142,925	29.8	2,947,899	27.8	131	4.2
Small-Sized Businesses	8,435	28.4	6,485	26.4	45,171,569	13.5	3,535,396	10.4	912,572	8.6	694	22.1
Micro-Sized Businesses	5,576	18.8	3,542	14.4	8,875,103	2.7	413,310	1.2	78,474	0.7	2,286	72.7
Financial and insurance activities	224,268	100.0	204,891	100.0	8,772,080,179	100.0	880,170,161	100.0	257,221,501	100.0	6,093	100.0
Large-Sized Businesses	139,643	62.3	130,121	63.5	6,118,757,037	69.8	486,853,340	55.3	167,287,492	65.0	300	4.9
Medium-Sized Businesses	31,268	13.9	28,657	14.0	495,082,877	5.6	75,771,624	8.6	11,160,008	4.3	629	10.3
Small-Sized Businesses	47,325	21.1	41,871	20.4	542,355,858	6.2	104,761,835	11.9	77,299,681	30.1	3,207	52.6
Micro-Sized Businesses	6,032	2.7	4,241	2.1	1,615,884,407	18.4	212,783,362	24.2	1,474,320	0.6	1,957	32.1
Real estate activities	7,408	100.0	6,908	100.0	43,093,795	100.0	3,137,513	100.0	360,202	100.0	413	100.0
Large-Sized Businesses	1,859	25.1	1,829	26.5	13,771,163	32.0	1,355,718	43.2	120,076	33.3	10	2.4
Medium-Sized Businesses	2,760	37.3	2,641	38.2	14,347,590	33.3	818,114	26.1	107,331	29.8	65	15.7
Small-Sized Businesses	2,205	29.8	1,945	28.2	11,709,857	27.2	857,426	27.3	119,695	33.2	181	43.8
Micro-Sized Businesses	585	7.9	493	7.1	3,265,185	7.6	106,255	3.4	13,100	3.6	158	38.3
Professional, scientific and technical activities												
Medium-Sized Businesses	3,204	8.5	2,451	9.1	50,265,705	14.9	3,495,780	12.4	925,821	17.0	14	0.3
Small-Sized Businesses	4,606	12.2	3,990	14.8	71,973,512	21.4	4,896,294	17.3	1,364,187	25.0	99	2.2
Micro-Sized Businesses	21,454	56.6	15,491	57.3	185,131,169	54.9	18,707,866	66.2	1,968,840	36.1	1,951	42.6
	8,614	22.7	5,103	18.9	29,613,616	8.8	1,162,185	4.1	1,187,515	21.8	2,511	54.9

Table 5.13 shows that in the Administrative and support service sub-sector, large-sized businesses which formed only 1.7 percent of all establishments employs almost three-quarters (73.2%) of the total persons employed and paid more than ninety percent (93.9%) of the wages and salaries. It also paid 48.0 percent of the total social security contribution and 67.1 percent of total payments made as other supplementary to wages and salaries. The micro-sized businesses made up 80.3 percent of the total number of establishments in the sub-sector and employ only 8.8 percent of the total workforce. It contributes only 1.4 percent of wages and salaries and 6.5 percent of social security.

Within the Education sub-sector, which is made up of only establishments in the private sector, the small-sized establishments have the highest share of the number of persons engaged (68.5%), number of employees (68.7%) and wages and salaries (52.8%). Medium-sized establishments on the other, have the highest share regarding social security contributions (56.4%) and other supplements to wages and salaries (77.1%), while about three-quarters (75.7%) of establishments in the sub-sector were small-sized.

In the Human health and social work sub-sector, large-sized establishments have the lowest share (2.9%) of the total number of establishments but engage about one-third of total number of persons engaged and employees (32.5% and 33.4% respectively). Again, the large-sized businesses contributed 39.0 percent to wages and salaries, more than three-quarters (76.0%) to social security and 62.5 percent to against other supplements to wages and salaries. More than half (52.5%) of the establishments are small-sized and had 30.1 percent of the employees who received 22.0 percent of the wages and salaries and 4.8 percent of social security contributions.

Table 5.13 further shows that within the Arts, entertainment and recreation sub-sector the micro-sized businesses have 92.8 percent of the total number of establishments, engaging the highest proportion of the total workforce (46.9%) as well as 37.0 percent of the employees. It also contributes 29.4 percent to wages and salaries but only 8.5 percent of to the social security. On the other hand, small-sized businesses which have only 6.2 percent of the establishments in the sub-sector have the highest share in wages and salaries (31.4%), social security (41.9%) and 93.8 percent of other supplements to wages and salaries.

In the other service sector, small-sized businesses had the highest share (52.5%) of wages and salaries paid, 58.0 percent of the total security paid for employees and 62.5 percent of the total payments paid against supplementary to wages and salaries. It also engages more than half (55.5%) of the total number of persons and total number of employees.

Table 5.13: Compensation of Employees in the service sub-sectors by size

ISIC Group	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - NATIONAL	3,061,521		1,778,940		25,886,943,260		2,152,139,776		607,047,221		535,471
Services	2,297,761	100.0	1,350,305	100.0	15,687,753,058	100.0	1,843,614,467	100.0	446,590,354	100.0	426,703	100.0
Administrative and support service activities	87,861	100.0	75,790	100.0	1,363,117,802	100.0	14,364,569	100.0	5,379,679	100.0	5,120	100.0
Large-Sized Businesses	60,930	69.3	55,465	73.2	1,279,864,628	93.9	6,871,872	47.8	3,610,908	67.1	86	1.7
Medium-Sized Businesses	7,476	8.5	7,235	9.5	29,495,419	2.2	2,955,375	20.6	957,511	17.8	137	2.7
Small-Sized Businesses	8,410	9.6	6,395	8.4	34,328,659	2.5	3,599,757	25.1	662,284	12.3	788	15.4
Micro-Sized Businesses	11,045	12.6	6,695	8.8	19,429,096	1.4	937,566	6.5	148,977	2.8	4,109	80.3
Education	301,371	100.0	278,016	100.0	1,087,346,357	100.0	154,027,018	100.0	29,255,263	100.0	17,063	100.0
Large-Sized Businesses	13,809	4.6	13,114	4.7	192,934,508	17.7	8,577,105	5.6	1,725,301	5.9	97	0.6
Medium-Sized Businesses	72,322	24.0	67,186	24.2	293,965,795	27.0	86,825,738	56.4	22,548,009	77.1	1,681	9.9
Small-Sized Businesses	206,538	68.5	190,885	68.7	573,941,255	52.8	50,456,008	32.8	3,835,097	13.1	12,922	75.7
Micro-Sized Businesses	8,702	2.9	6,830	2.5	26,504,798	2.4	8,168,167	5.3	1,146,856	3.9	2,364	13.9
Human health and social work activities	73,754	100.0	63,587	100.0	597,051,489	100.0	244,570,552	100.0	6,638,095	100.0	3,369	100.0
Large-Sized Businesses	23,982	32.5	21,242	33.4	233,657,236	39.0	185,773,422	76.0	4,146,434	62.5	99	2.9
Medium-Sized Businesses	23,279	31.6	20,657	32.5	209,430,842	35.0	15,687,452	6.4	957,642	14.4	471	14.0
Small-Sized Businesses	23,070	31.3	19,162	30.1	129,650,747	22.0	11,780,616	4.8	1,299,947	19.6	1,768	52.5
Micro-Sized Businesses	3,422	4.6	2,525	4.0	24,312,663	4.0	31,329,062	12.8	234,072	3.5	1,031	30.6
Arts, entertainment and recreation	16,121	100.0	11,373	100.0	38,671,803	100.0	2,383,591	100.0	2,389,237	100.0	4,660	100.0
Large-Sized Businesses	3,665	22.7	3,197	28.1	6,972,579	18.0	743,105	31.2	39,787	1.7	17	0.4
Medium-Sized Businesses	1,322	8.2	1,195	10.5	8,198,592	21.2	440,046	18.5	79,745	3.3	30	0.6
Small-Sized Businesses	3,576	22.2	2,777	24.4	12,130,531	31.4	998,694	41.9	2,241,915	93.8	288	6.2
Micro-Sized Businesses	7,558	46.9	4,204	37.0	11,370,102	29.4	201,745	8.5	27,790	1.2	4,326	92.8
Other service activities	472,864	100.0	126,277	100.0	518,420,697	100.0	19,486,428	100.0	6,073,034	100.0	98,574	100.0
Large-Sized Businesses	10,703	2.3	1,427	1.1	24,135,749	4.7	2,453,292	12.6	443,069	7.3	54	0.1
Medium-Sized Businesses	28,790	6.1	6,716	5.3	42,779,855	8.3	2,702,571	13.9	681,054	11.2	540	0.5
Small-Sized Businesses	262,638	55.5	68,136	54.0	272,230,509	52.5	11,259,660	57.8	3,188,665	52.5	26,273	26.7
Micro-Sized Businesses	170,734	36.1	49,998	39.6	179,274,585	34.6	3,070,905	15.8	1,760,246	29.0	71,708	72.7

5.8.1: Compensation of Employees in the Services sector in Western Region

Table 5.14 presents information on the level of compensation in the various sub-sectors of the Service sector in the Western region. Within the Wholesale and retail trade, repair of motor vehicles and motorcycles sub-sector, the retail trade, except of motor vehicles and motorcycles activity group, paid the highest proportion (62.7%) of wages and salaries. The group also contributed the largest share to social security contributions (70.1%) and payments made as other supplements to wages and salaries (70.1%). Again, this group engaged the highest number of persons engaged (68.1%), employed the highest proportion of employees (61.7%) and has the highest proportion of establishments (79.2%). The wholesale and retail trade and repair of motor vehicles and motorcycles activity group contributed the lowest share to compensations and has the least proportion of establishments and employees (8.4% and 8.7% respectively).

Within the Transportation and storage sub-sector, the warehousing and support activities for transportation group has the highest share of wages and salaries (63.3%), social security contributions (78.9%) and other supplements to wages and salaries (80.3%). The group also has the highest proportion (55.8%) of persons engaged and employs employed more than sixty percent (60.5%) of the persons employed in the sub-sector. On the other hand, the land transport and transport via pipelines which has more than half (50.8%) of establishments in the sub-sector engages 40.9% of all person and employs 35.6 percent of the employed. The group contributed 30.0 percent to wages and salaries and less than one-fifth (19.7%) to social security.

Table 5.14 further shows that for the Accommodation and food service activities sub-sector, establishments in the food and beverage service activity group contributed the highest proportion to wages and salaries (86.3%) and other supplements to wages and salaries (64.4%). Again, the group engaged and employed more persons than any other group in the sub-sector. On the contrary, the Accommodation group which contributes only 13.7 percent to wages and salaries accounted for the highest share (81.1%) of the social security contribution.

Within the Information and communication sub-sector, the programming and broadcasting activity group engages 73.0 percent of the total workforce and employs more than three-quarters (77.8%) of the total number of employees. This is followed by the telecommunication activity group with a share of 14.9 percent and 13.1 percent respectively. With regard to compensation, the programming and broadcasting activity group paid more than half (55.9%) of the total wages and salaries. It also paid the highest proportion (89.9%) of the social security contributions and 84.7 percent of payments in the form of other supplements to wages and salaries. Establishments engaged in computer programming, consultancy and related activities recorded the lowest shares in compensation paid and engages the least proportion of the workforce in the sub-sector.

In the financial and insurance sub-sector, the financial service activities, except insurance and pension funding activity group has the highest share in wages and salaries (87.2%), number of employees (87.2%) and number of persons engaged (92.8%). It also has the highest proportion of establishments (87.2%) and contributes 87.2 percent to wages and salaries with a share of 45.8 percent in social security contributions. Establishments engaged in insurance, reinsurance and pension funding, except compulsory social security activity group had the highest share of social security contributions with a proportion of 53.2 percent (Table 5.14).

The professional, scientific and technical activities sub-sector has the architectural and engineering activities, technical testing and analysis activity group employing almost half (49.2%) of the total number of employees followed by other professional, scientific and technical activity group (34.6%). The group also paid more than eighty percent (82.9%) of total wages and salaries and 75.4 percent of the social security contribution received by employees sub-sector. Again, this activity group paid almost half (49.9%) of other supplements to wages and salaries. Veterinary services activities engage the least proportion of the total workforce and paid the least compensation in the sub-sector.

The Table also shows that within the Administrative and support service activities sub-sector, the office administration, office support and other business support activity group is the main contributor to the sub-sector. With regard to wages and salaries, it has a share of 99.4 percent. Again, it has the highest share of the number of persons engaged (72.0%), number of establishments (63.4%) and paid 29.4 percent of other supplements to wages and salaries. Establishments engaged in providing services to buildings and landscape activity group recorded the lowest share for all categories with less than five percent.

The arts, entertainment and recreation sub-sector has gambling and betting activity group with 59.3 percent and 59.2 percent of the number of persons engaged and persons employed respectively. Also, the group has about three-quarters (75.3%) of the total number of establishments in the sub-sector (Table 5.14). In terms of compensation, Sports activities and amusement and recreation activity group contributes 48.1 percent to total wages and salaries paid and 52.0 percent of social security contributions paid. However, gambling and betting paid almost 80.0 percent of other supplements to wages and salaries. The activity group with the lowest share in compensation is libraries, archives, museums and other cultural group with less than two percent for each category.

In the other service activities sub-sector establishments engaged in activities of membership organizations paid more than four-fifths (84.0%) of total wages and salaries, and contributed the highest proportion (90.0%) of social security contributions received by employees and 77.2 percent of total payments made as supplements to wages and salaries. Again, this activity group engages more than sixty percent of the total workforce and employs 70.3 percent of employees in the sub-sector. Those engaged in the repair of computers and personal and household goods has the lowest share in the total workforce and paid the least compensation in this sub-sector in the Western region.

Table 5.14: Compensation of Employees in the Service sector - Western Region

ISIC Group-Services	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - WESTERN	314,842		177,548		2,325,692,936		153,849,132		49,576,371		59,138	
Wholesale and retail trade; repair of motor vehicles and motorcycles	78,361	100.0	33,371	100.0	104,991,515	100.0	3,103,113	100.0	3,476,795	100.0	26,044	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	10,198	13.0	2,915	8.7	10,411,892	9.9	271,955	8.8	613,322	17.6	2,178	8.4
Wholesale trade, except of motor vehicles and motorcycles	14,770	18.8	9,856	29.5	28,701,514	27.3	656,935	21.2	427,262	12.3	3,251	12.5
Retail trade, except of motor vehicles and motorcycles	53,394	68.1	20,600	61.7	65,878,110	62.7	2,174,224	70.1	2,436,211	70.1	20,614	79.2
Transportation and storage	3,151	100.0	2,695	100.0	11,567,156	100.0	1,056,140	100.0	260,830	100.0	264	100.0
Land transport and transport via pipelines	1,289	40.9	960	35.6	3,470,670	30.0	207,945	19.7	50,640	19.4	134	50.8
Water transport	70	2.2	70	2.6	82,418	0.7	2,088	0.2	0	0.0	4	1.5
Air transport	9	0.3	9	0.3	550,803	4.8	0	0.0	0	0.0	1	0.4
Warehousing and support activities for transportation	1,758	55.8	1,630	60.5	7,317,633	63.3	833,366	78.9	209,390	80.3	119	45.1
Postal and courier activities	26	0.8	26	1.0	145,631	1.3	12,741	1.2	800	0.3	7	2.7
Accommodation and food service activities	26,765	100.0	13,185	100.0	88,865,908	100.0	13,235,414	100.0	533,354	100.0	6,409	100.0
Accommodation	4,486	16.8	3,924	29.8	12,207,493	13.7	10,736,375	81.1	190,124	35.6	349	5.4
Food and beverage service activities	22,279	83.2	9,261	70.2	76,658,416	86.3	2,499,039	18.9	343,230	64.4	6,059	94.5
Information and communication	1,743	100.0	1,236	100.0	6,677,225	100.0	644,854	100.0	137,466	100.0	224	100.0
Publishing activities	27	1.5	10	0.8	22,800	0.3	360	0.1	200	0.1	5	2.2
Motion picture, video and television programme production, sound recording	104	6.0	52	4.2	416,217	6.2	0	0.0	300	0.2	26	11.6
Programming and broadcasting activities	1,263	72.5	962	77.8	3,733,336	55.9	579,565	89.9	116,373	84.7	75	33.5
Telecommunications	260	14.9	162	13.1	2,436,462	36.5	61,909	9.6	18,915	13.8	75	33.5
Computer programming, consultancy and related activities	12	0.7	9	0.7	29,233	0.4	3,020	0.5	0	0.0	4	1.8
Information service activities	77	4.4	41	3.3	39,177	0.6	0	0.0	1,678	1.2	40	17.9
Financial and insurance activities	7,390	100.0	6,373	100.0	101,896,533	100.0	10,499,094	100.0	2,149,568	100.0	634	100.0
Financial service activities, except insurance and pension funding	6,858	92.8	5,910	92.7	88,827,050	87.2	4,805,781	45.8	2,100,587	97.7	553	87.2
Insurance, reinsurance and pension funding, except compulsory social security	332	4.5	269	4.2	11,106,915	10.9	5,589,449	53.2	20,945	1.0	37	5.8
Activities auxiliary to financial service and insurance activities	200	2.7	195	3.1	1,962,568	1.9	103,863	1.0	28,037	1.3	44	6.9
Real estate activities	103	100.0	87	100.0	519,937	100.0	10,803	100.0	8,400	100.0	15	100.0
Real estate activities	103	100.0	87	100.0	519,937	100.0	10,803	100.0	8,400	100.0	15	100.0

Table 5.14: Compensation of Employees in the Service sector - Western Region (cont'd)

ISIC Group	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - WESTERN	314,842		177,548		2,325,692,936		153,849,132		49,576,371		59,138
Professional, scientific and technical activities	2,541	100.0	1,558	100.0	21,321,842	100.0	508,073	100.0	65,949	100.0	335	100.0
Legal and accounting activities	124	4.9	88	5.6	667,338	3.1	33,495	6.6	5,328	8.1	26	7.8
Activities of head offices; management consultancy activities	29	1.1	21	1.3	130,803	0.6	11,853	2.3	0	0.0	6	1.8
Architectural and engineering activities; technical testing and analysis	1,015	39.9	766	49.2	17,675,939	82.9	383,273	75.4	32,918	49.9	83	24.8
Scientific research and development	62	2.4	62	4.0	188,182	0.9	24,440	4.8	0	0.0	1	0.3
Advertising and market research	102	4.0	75	4.8	310,208	1.5	35,519	7.0	14,245	21.6	7	2.1
Other professional, scientific and technical activities	1,199	47.2	539	34.6	2,267,595	10.6	18,670	3.7	13,459	20.4	210	62.7
Veterinary activities	10	0.4	8	0.5	81,776	0.4	824	0.2	0	0.0	2	0.6
Administrative and support service activities	7,428	100.0	2,663	100.0	1,164,131,476	100.0	968,214	100.0	182,832	100.0	486	100.0
Rental and leasing activities	559	7.5	361	13.6	1,479,311	0.1	169,665	17.5	45,896	25.1	134	27.6
Employment activities	240	3.2	233	8.7	807,596	0.1	60,161	6.2	43,986	24.1	13	2.7
Travel agency, tour operator, reservation service and related activities	39	0.5	32	1.2	1,463,187	0.1	310,447	32.1	2,000	1.1	9	1.9
Security and investigation activities	1,161	15.6	1,161	43.6	2,728,237	0.2	226,705	23.4	37,271	20.4	14	2.9
Services to buildings and landscape activities	82	1.1	77	2.9	221,196	0.0	9,432	1.0	0	0.0	8	1.6
Office administrative, office support and other business support activities	5,347	72.0	799	30.0	1,157,431,950	99.4	191,804	19.8	53,679	29.4	308	63.4
Education	28,772	100.0	26,393	100.0	116,831,914	100.0	9,455,535	100.0	874,904	100.0	1,961	100.0
Education	28,772	100.0	26,393	100.0	116,831,914	100.0	9,455,535	100.0	874,904	100.0	1,961	100.0
Human health and social work activities	5,449	100.0	4,668	100.0	56,375,151	100.0	31,892,222	100.0	284,125	100.0	252	100.0
Human health activities	5,315	97.5	4,550	97.5	48,198,705	85.5	31,745,836	99.5	229,906	80.9	240	95.2
Residential care activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Social work activities without accommodation	134	2.5	118	2.5	8,176,446	14.5	146,386	0.5	54,219	19.1	12	4.8
Arts, entertainment and recreation	1,018	100.0	618	100.0	2,206,656	100.0	300,637	100.0	4,580	100.0	324	100.0
Creative, arts and entertainment activities	177	17.4	111	18.0	138,856	6.3	0	0.0	0	0.0	34	10.5
Libraries, archives, museums and other cultural activities	12	1.2	10	1.6	44,133	2.0	1,176	0.4	0	0.0	4	1.2
Gambling and betting activities	604	59.3	366	59.2	962,078	43.6	143,126	47.6	3,630	79.3	244	75.3
Sports activities and amusement and recreation activities	225	22.1	131	21.2	1,061,589	48.1	156,335	52.0	950	20.7	42	13.0
Other service activities	51,575	100.0	14,177	100.0	64,970,924	100.0	833,707	100.0	920,433	100.0	11,106	100.0
Activities of membership organizations	32,891	63.8	9,970	70.3	54,602,540	84.0	750,660	90.0	710,363	77.2	5,514	49.6
Repair of computers and personal and household goods	3,615	7.0	863	6.1	3,761,265	5.8	36,231	4.3	107,185	11.6	1,103	9.9
Other personal service activities	15,069	29.2	3,344	23.6	6,607,119	10.2	46,816	5.6	102,885	11.2	4,488	40.4

5.8.2 Compensation of Employees in the Service sector in Central Region

Table 5.15 shows the share of the activity groups in the various sub-sectors of the Services sector in the Central region. For the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, the retail trade, except of motor vehicles and motorcycles activity group has the highest proportion of all compensations paid: wages and salaries (57.5%), and other supplement to wages and salaries (75.3%). This group also has the highest proportion of persons engaged (79.1%) and employees (66.6%) as well as the highest proportion (87.1%) of establishments in the sub-sector. Wholesale trade, except of motor vehicles and motorcycles recorded the highest proportion of social security contributions paid (59.5%). The wholesale and retail trade and repair of motor vehicles and motorcycles activity group had the least share of compensations, the number of persons employed and number of establishments in this sub-sector.

The Table further shows that within the Transportation and storage sub-sector, the land transport and transport via pipelines group is the main contributor to the subsector. With regard to compensation, it contributed the highest share of wages and salaries (92.1%), social security (99.5%) and other supplements to wages and salaries (87.4%). The group also engaged the highest proportion of the total workforce (79.1%) and employs more persons (76.0%) than any other group. It also has the highest number of establishments with 76.2 percent. The region has no water and air transport activities.

Within the Accommodation and food service activities sub-sector, the food and beverage service activity group engages about three-quarters (74.0%) of the total workforce and employs more than half (57.4%) of the total number of employees in the sub-sector. Also, this group paid almost seventy percent (69.1%) of other supplements to wages and salaries and has the highest share of the number of establishments (90.9%) in the sub-sector. The accommodation activity group contributed the highest proportion of wages and salaries and social security contributions paid with 52.0 percent and 95.5 percent respectively.

Table 5.15 further shows that for the Information and communication sub-sector, the programming and broadcasting activity group has the highest share in the number of persons engaged (56.1%), number of employees (62.3%), wages and salaries (74.2%), and other supplements to wages and salaries (80.1%). The group however, has about one-fifth (20.6%) of the number of establishments in the sub-sector. The telecommunication activity group has the second highest share of the employed and compensations paid in the Information and communication sub-sector in the region. Establishments engaged in computer programming, consultancy and related activities recorded the lowest shares in the sub-sector in the region.

Within the Financial and insurance sub-sector, the financial service activities group has the highest share in compensations paid: wages and salaries (93.8%), social security contributions (95.8%) and other supplements to wages and salaries with 91.1 percent. Again, its share in the sub-sector is also the highest for the number of employees (94.1%), number of persons engaged

(94.0%) and the number of establishments (90.9%). Establishments engaged in activities auxiliary to financial service and insurance activity group recorded the lowest shares in the sub-sector.

Table 5.15 also shows the share of employment and compensation in the Professional, scientific and technical activities sub-sector. The architectural and engineering activities; technical testing and analysis activity group has the highest share in the number of employees (51.1%), wages and salaries (78.5%), social security (75.5%) and number of persons engaged (47.5 %). The other professional, scientific and technical activity group followed with the highest share in other supplements to wages and salaries (34.2%) and number of establishments (60.7%). Advertising and market research group recorded the lowest share in all the categories.

The Administrative and support service activities sub-sector has the securities and investigations activity group recording the highest proportion of persons engaged (47.3%), number of employees (59.2%), wages and salaries (38.6%) and social security contribution (55.2%). However, the travel agency, tour operator, reservation service and related activities contributed the highest proportion to other supplements to wages and salaries (34.6) in the sub-sector while establishments engaged in office administration, office support and other business support activity group recorded the highest number of establishments (76.5%). The employment activity group has the lowest share in almost all the categories (Table 5.15).

Within the Arts, entertainment and recreation sub-sector, the gambling and betting activity group has the highest share of number of persons engaged (48.4%) followed by sports, amusement and recreation activities with 34.4 percent. Libraries, archives, museums and other cultural activities has the lowest share of 0.4 percent. Again, the gambling and betting activity group has the highest proportion of persons employed (59.1%) wages and salaries paid (56.7%) and social security contributions (73.3%). This is followed by sports, amusement and recreation activities with 36.7 percent, 37.7 percent and 26.7 percent respectively. On the contrary, the sports activities and amusement and recreation activity group recorded the highest share (98.0%) of other supplements to wages and salaries wages in the Central region. The Table further shows that, the activities of membership organizations group is the main contributor to this sub-sector with regard to the number of persons engaged (52.7%), number of employees (74.2%), wages and salaries (86.1%), and number of establishment (46.8%). However, the other personal service activities group recorded the highest proportion (75.9%) of the value of other supplements to wages and salaries with. Those engaged in the repair of computers and personal and household goods has the lowest share in all the item categories in this sub-sector in the Central region.

Table 5.15: Compensation of Employees in the Service sector - Central Region

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - CENTRAL	203,041		94,245		334,219,682		26,230,940		4,638,821		46,156
Wholesale and retail trade; repair of motor vehicles and motorcycles	58,230	100.0	17,132	100.0	43,171,778	100.0	1,099,468	100.0	854,319	100.0	19,828	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	7,515	12.9	2,420	14.1	6,038,870	14.0	0	0.0	36,605	4.3	1,749	8.8
Wholesale trade, except of motor vehicles and motorcycles	4,628	7.9	3,296	19.2	12,298,182	28.5	654,579	59.5	174,663	20.4	811	4.1
Retail trade, except of motor vehicles and motorcycles	46,087	79.1	11,416	66.6	24,834,727	57.5	444,889	40.5	643,051	75.3	17,269	87.1
Transportation and storage	833	100.0	688	100.0	1,900,073	100.0	214,579	100.0	39,572	100.0	42	100.0
Land transport and transport via pipelines	659	79.1	523	76.0	1,750,413	92.1	213,577	99.5	34,572	87.4	32	76.2
Water transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Air transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Warehousing and support activities for transportation	67	8.0	61	8.9	82,070	4.3	0	0.0	0	0.0	8	19.0
Postal and courier activities	107	12.8	105	15.3	67,590	3.6	1,002	0.5	5,000	12.6	3	7.1
Accommodation and food service activities	19,205	100.0	10,660	100.0	24,415,190	100.0	2,481,460	100.0	498,569	100.0	5,036	100.0
Accommodation	5,056	26.3	4,544	42.6	12,697,091	52.0	2,370,279	95.5	153,843	30.9	457	9.1
Food and beverage service activities	14,149	73.7	6,116	57.4	11,718,098	48.0	111,180	4.5	344,726	69.1	4,579	90.9
Information and communication	977	100.0	605	100.0	1,583,114	100.0	136,916	100.0	14,039	100.0	189	100.0
Publishing activities	20	2.0	15	2.5	41,743	2.6	4,234	3.1	0	0.0	3	1.6
Motion picture, video and television programme production, sound recording	41	4.2	20	3.3	28,541	1.8	0	0.0	244	1.7	13	6.9
Programming and broadcasting activities	548	56.1	377	62.3	1,175,002	74.2	121,498	88.7	11,245	80.1	39	20.6
Telecommunications	182	18.6	129	21.3	294,386	18.6	10,631	7.8	1,530	10.9	69	36.5
Computer programming, consultancy and related activities	5	0.5	5	0.8	13,480	0.9	0	0.0	20	0.1	1	0.5
Information service activities	181	18.5	58	9.6	29,962	1.9	553	0.4	1,000	7.1	65	34.4
Financial and insurance activities	7,317	100.0	6,089	100.0	46,042,798	100.0	6,592,043	100.0	422,421	100.0	473	100.0
Financial service activities, except insurance and pension funding	6,876	94.0	5,731	94.1	43,176,545	93.8	6,314,917	95.8	384,939	91.1	430	90.9
Insurance, reinsurance and pension funding, except compulsory social security	425	5.8	344	5.6	2,811,081	6.1	273,622	4.2	34,161	8.1	37	7.8
Activities auxiliary to financial service and insurance activities	16	0.2	14	0.2	55,172	0.1	3,503	0.1	3,322	0.8	7	1.5
Real estate activities	220	100.0	187	100.0	1,070,230	100.0	161,841	100.0	1,000	100.0	17	100.0
Real estate activities	220	100.0	187	100.0	1,070,230	100.0	161,841	100.0	1,000	100.0	17	100.0

Table 5.15: Compensation of Employees in the Service sector- Central Region (cont'd)

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN- KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - CENTRAL	203,041		94,245		334,219,682		26,230,940		4,638,821		46,156
Professional, scientific and technical activities	1,611	100.0	1,160	100.0	17,561,431	100.0	96,902	100.0	18,028	100.0	239	100.0
Legal and accounting activities	61	3.8	43	3.7	480,716	2.7	9,246	9.5	4,030	22.4	12	5.0
Activities of head offices; management consultancy activities	12	0.7	8	0.7	31,600	0.2	3,645	3.8	4,050	22.5	2	0.8
Architectural and engineering activities; technical testing and analysis	766	47.5	593	51.1	13,787,580	78.5	73,144	75.5	3,776	20.9	74	31.0
Scientific research and development	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Advertising and market research	19	1.2	18	1.6	11,342	0.1	520	0.5	0	0.0	6	2.5
Other professional, scientific and technical activities	753	46.7	498	42.9	3,250,193	18.5	10,347	10.7	6,171	34.2	145	60.7
Veterinary activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Administrative and support service activities	2,148	100.0	1,692	100.0	1,767,329	100.0	86,164	100.0	14,740	100.0	340	100.0
Rental and leasing activities	322	15.0	182	10.8	195,834	11.1	432	0.5	3,887	26.4	71	20.9
Employment activities	7	0.3	3	0.2	114,259	6.5	0	0.0	0	0.0	2	0.6
Travel agency, tour operator, reservation service and related activities	22	1.0	15	0.9	43,940	2.5	0	0.0	5,100	34.6	4	1.2
Security and investigation activities	1,015	47.3	1,002	59.2	682,491	38.6	47,544	55.2	1,090	7.4	2	0.6
Services to buildings and landscape activities	73	3.4	72	4.3	172,474	9.8	23,008	26.7	0	0.0	1	0.3
Office administrative, office support and other business support activities	709	33.0	419	24.8	558,332	31.6	15,180	17.6	4,663	31.6	260	76.5
Education	26,809	100.0	24,047	100.0	72,862,226	100.0	8,586,527	100.0	162,818	100.0	1,581	100.0
Education	26,809	100.0	24,047	100.0	72,862,226	100.0	8,586,527	100.0	162,818	100.0	1,581	100.0
Human health and social work activities	4,099	100.0	3,562	100.0	52,177,177	100.0	1,952,116	100.0	232,160	100.0	211	100.0
Human health activities	2,971	72.5	2,547	71.5	44,833,785	85.9	1,607,120	82.3	103,948	44.8	144	68.2
Residential care activities	248	6.1	224	6.3	482,817	0.9	58,482	3.0	0	0.0	19	9.0
Social work activities without accommodation	880	21.5	791	22.2	6,860,574	13.1	286,514	14.7	128,212	55.2	47	22.3
Arts, entertainment and recreation	1,191	100.0	570	100.0	1,218,242	100.0	14,005	100.0	51,680	100.0	449	100.0
Creative, arts and entertainment activities	198	16.6	20	3.5	55,390	4.5	0	0.0	0	0.0	25	5.6
Libraries, archives, museums and other cultural activities	5	0.4	5	0.9	12,000	1.0	0	0.0	1,000	1.9	1	0.2
Gambling and betting activities	577	48.4	337	59.1	691,084	56.7	10,259	73.3	15	0.0	376	83.7
Sports activities and amusement and recreation activities	410	34.4	209	36.7	459,768	37.7	3,746	26.7	50,665	98.0	48	10.7
Other service activities	35,358	100.0	9,313	100.0	34,513,772	100.0	629,913	100.0	613,725	100.0	9,223	100.0
Activities of membership organizations	20,239	57.2	6,909	74.2	29,790,388	86.3	581,240	92.3	143,642	23.4	4,319	46.8
Repair of computers and personal and household goods	1,939	5.5	473	5.1	1,082,876	3.1	951	0.2	4,029	0.7	881	9.6
Other personal service activities	13,180	37.3	1,931	20.7	3,640,508	10.5	47,722	7.6	466,053	75.9	4,022	43.6

5.8.3 Compensation of Employees in the Service sector in Greater Accra Region

Table 5.16 presents information on compensation in the Services sector in the Greater Accra region. Within the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, the retail trade, except of motor vehicles and motorcycles activity group had the highest share of all compensation paid: wages and salaries (50.8%), social security contributions (58.7%), and 75.3 percent of other supplements to wages and salaries. This group also engaged the highest proportion of employees (60.1%), persons engaged (65.3%) and number of establishments (83.3%). The wholesale trade, except of motor vehicles and motorcycles activity group recorded the lowest proportion of the number of persons engaged (14.1%), employees (19.7%) and number of establishment (6.3%) within the sub-sector.

Within the Transport and storage sub-sector it is observed that warehousing and support activities for transportation has the highest proportion of number of establishments (60.8%), number of employees (56.7%) and the number of persons engaged (55.5%). The Postal and courier activities group recorded the lowest proportions in terms of number of establishments (1.3%), number of employees (3.1%) and number of persons engaged (2.9%). In terms of compensation, warehousing and support activities for transportation contributed the highest proportions: wages and salaries (70.2%), and other supplement to wages and salaries (88.8%). However, the land transport and transport via pipelines activity group contributed the highest share of social security (49.8%) followed by warehousing and support activities for transport with 45.6 percent. Again, postal and courier activity group paid the lowest compensations in this sub-sector.

The food and beverage service activity group of the Accommodation and food service activities sub-sector has the highest proportion of the number of persons engaged (77.8%), number of employees (76.3%), and number of establishments (87.5%). With regard to compensations, the food and beverage service activity group contributed half (51.0%) of the wages and salaries. However, the accommodation activity group contributed the highest shares towards other supplements to wages and salaries and social security contributions paid with 92.7 percent and 67.5 percent respectively.

Table 5.16 further shows that more than half of the number of persons engaged (54.2%) and number of employees (54.4%) as well as 42.8 percent of establishments in the Information and communication sub-sector are in the telecommunication activity group. The Motion picture, video and television programme, production, sound recording activity group has the lowest proportions in terms of persons engaged, employees and number of establishments. In terms of compensation, the telecommunication activity group paid the highest proportion of wages and salaries (71.4%), social security contributions (62.4%) and other supplements to wage and salaries (65.5%). Again, Motion picture, video and television programme production, sound recording activity group contributed the lowest proportion of compensation in the sub-sector.

In the Financial and insurance sub-sector, the financial service activities, except insurance and pension funding activity group had the highest share in compensations: wages and salaries (96.1%), social security contributions (94.4%) and other supplements to wages and salaries has 92.6 percent. Again, the group has the highest proportion of employees (92.2%), persons engaged (91.4%) and number of establishments (79.1%) in the sub-sector for the region. Establishments engaging in activities auxiliary to financial services and insurance activity group paid the lowest proportion of compensations and have the lowest proportion of employees (1.6%) and persons engaged (1.5%). The Insurance, reinsurance and pension funding activity group however, recorded the lowest proportion of the number of establishment with 7.1 percent (Table 5.16).

The architectural and engineering activities; technical testing and analysis activity group of the Professional, scientific and technical activities sub-sector has the highest proportion of persons engaged (28.8%) and employees (30.9%). In terms of the number of establishments, the other professional, scientific and technical activity group has the highest proportion of 45.4 percent (Table 5.16). Regarding compensations, the architectural and engineering activities; technical testing and analysis activity group has the highest proportion of wages and salaries (34.3%), social security (37.1%) and other supplements to wages and salaries (38.6%) while activities of head offices; management consultancy activities group recorded the second highest proportions of wages and salaries paid, social security and other supplement to wages and salaries. The veterinary services activities group has the lowest proportions of compensation paid.

The Administrative and support service activities sub-sector has establishments involved in employment activities recording the highest share in number of persons engaged (43.8%) and number employed (45.5%). Office administration, office support and other business support activities group has the highest proportion (55.1%) of the total number of establishments while service to building and landscape activities has the least (2.0%). In terms of compensation, the securities and investigation activities group paid the highest proportion of wages and salaries (48.4%) and social security (43.4%) followed by employment activities with 26.8 percent and 23.0 percent respectively. However, the employment activities group has the highest share of other supplements to wages and salaries with 63.8 percent. Services to buildings and landscape activities paid the lowest compensation in the sub-sector.

The Human health and social work activities sub-sector has the human health activities recording the highest proportion of persons engaged (79.6%), employees (78.5%) and number of establishments (75.9%) while residential care activities has the lowest (Table 5.26). Concerning compensation, the human health activities paid the highest proportion of wages and salaries (79.8%) and social security (68.7%). On the contrary, social work activities without accommodation paid the highest proportion of other supplements to wages and salaries (79.9%). Residential care activities paid the lowest compensation.

The Arts, entertainment and recreation sub-sector has Gambling and betting as the activity group that has the highest share in number of persons engaged (39.8%), employees (40.2%) and number of establishments (64.8%). With regard to compensation, the gambling and betting establishments contributed the highest share of wages and salaries (50.0%), social security contributions (61.1%) and other supplements to wages and salaries (96.2%) while libraries, archives, museums and other cultural group paid the least compensation in the sub-sector.

Table 5.16 also shows that in the other service activities sub-sector, activities of membership organizations paid the highest proportion of wages and salaries (46.7%) and social security contributions (63.4%). However, other personal service activities paid the highest proportion of other supplements to wages and salaries with 54.1 percent. Repair of computers and personal and household goods paid the least compensation in the sub-sector. The other personal service activities group has the highest proportion of number of persons engaged (54.6%) number of employees (51.6%), and number of establishments (70.5%).

Table 5.16 Compensation of Employees in the Service sector - Greater Accra Region

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - GREATER ACCRA	1,111,170		855,649		20,528,802,447		1,573,406,654		497,580,344		135,318	
Wholesale and retail trade; repair of motor vehicles and motorcycles	246,691	100.0	155,272	100.0	974,975,625	100.0	84,794,525	100.0	25,227,746	100.0	61,423	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	50,937	20.6	31,346	20.2	126,918,744	13.0	10,812,669	12.8	2,470,044	9.8	6,396	10.4
Wholesale trade, except of motor vehicles and motorcycles	34,757	14.1	30,550	19.7	353,117,459	36.2	24,166,766	28.5	9,497,565	37.6	3,861	6.3
Retail trade, except of motor vehicles and motorcycles	160,997	65.3	93,376	60.1	494,939,421	50.8	49,815,089	58.7	13,260,137	52.6	51,166	83.3
Transportation and storage	29,128	100.0	26,166	100.0	290,847,912	100.0	147,056,690	100.0	58,744,085	100.0	1,190	100.0
Land transport and transport via pipelines	8,725	30.0	7,231	27.6	29,731,116	10.2	73,278,932	49.8	4,332,071	7.4	327	27.5
Water transport	1,583	5.4	1,533	5.9	9,264,721	3.2	4,295,515	2.9	248,097	0.4	58	4.9
Air transport	1,806	6.2	1,764	6.7	38,656,171	13.3	1,618,301	1.1	1,977,212	3.4	65	5.5
Warehousing and support activities for transportation	16,173	55.5	14,838	56.7	204,188,117	70.2	67,010,718	45.6	52,186,706	88.8	724	60.8
Postal and courier activities	841	2.9	800	3.1	9,007,787	3.1	853,225	0.6	0	0.0	16	1.3
Accommodation and food service activities	87,940	100.0	74,507	100.0	399,052,967	100.0	180,092,500	100.0	26,210,796	100.0	10,157	100.0
Accommodation	19,530	22.2	17,633	23.7	195,575,527	49.0	166,910,749	92.7	17,693,824	67.5	1,267	12.5
Food and beverage service activities	68,410	77.8	56,875	76.3	203,477,440	51.0	13,181,750	7.3	8,516,972	32.5	8,890	87.5
Information and communication	18,910	100.0	17,189	100.0	301,613,306	100.0	32,063,947	100.0	10,363,543	100.0	1,165	100.0
Publishing activities	1,847	9.8	1,541	9.0	17,581,667	5.8	6,117,104	19.1	1,013,309	9.8	60	5.2
Motion picture, video and television programme production, sound recording	491	2.6	375	2.2	2,168,331	0.7	248,844	0.8	0	0.0	113	9.7
Programming and broadcasting activities	2,114	11.2	1,948	11.3	28,434,977	9.4	2,223,647	6.9	2,045,643	19.7	38	3.3
Telecommunications	10,252	54.2	9,345	54.4	215,397,643	71.4	20,019,973	62.4	6,783,148	65.5	499	42.8
Computer programming, consultancy and related activities	3,083	16.3	2,925	17.0	22,712,595	7.5	1,959,075	6.1	264,070	2.5	393	33.7
Information service activities	1,124	5.9	1,055	6.1	15,318,093	5.1	1,495,304	4.7	257,373	2.5	63	5.4
Financial and insurance activities	179,144	100.0	165,211	100.0	8,339,755,770	100.0	835,326,594	100.0	225,519,449	100.0	2,918	100.0
Financial service activities, except insurance and pension funding	163,713	91.4	152,297	92.2	8,012,638,586	96.1	788,477,536	94.4	208,777,178	92.6	2,309	79.1
Insurance, reinsurance and pension funding, except compulsory social security	12,635	7.1	10,368	6.3	260,980,451	3.1	44,278,391	5.3	15,809,426	7.0	206	7.1
Activities auxiliary to financial service and insurance activities	2,796	1.6	2,546	1.5	66,136,733	0.8	2,570,667	0.3	932,846	0.4	402	13.8
Real estate activities	6,493	100.0	6,116	100.0	39,378,359	100.0	2,827,883	100.0	344,302	100.0	339	100.0
Real estate activities	6,493	100.0	6,116	100.0	39,378,359	100.0	2,827,883	100.0	344,302	100.0	339	100.0

Table 5.16: Compensation of Employees in the Service sector- Greater Accra Region (cont'd)

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - GREATER ACCRA	1,111,170		855,649		20,528,802,447		1,573,406,654		497,580,344		135,318	
Professional, scientific and technical activities	20,981	100.0	16,582	100.0	231,993,396	100.0	24,375,215	100.0	4,717,535	100.0	2,099	100.0
Legal and accounting activities	2,966	14.1	2,362	14.2	27,751,655	12.0	2,363,796	9.7	641,740	13.6	338	16.1
Activities of head offices; management consultancy activities	3,302	15.7	2,883	17.4	60,549,513	26.1	8,743,436	35.9	1,265,093	26.8	273	13.0
Architectural and engineering activities; technical testing and analysis	6,050	28.8	5,119	30.9	79,488,479	34.3	9,046,810	37.1	1,820,176	38.6	339	16.2
Scientific research and development	466	2.2	442	2.7	17,969,323	7.7	553,777	2.3	39,464	0.8	23	1.1
Advertising and market research	2,736	13.0	2,367	14.3	30,005,611	12.9	2,547,164	10.4	714,891	15.2	161	7.7
Other professional, scientific and technical activities	5,371	25.6	3,348	20.2	15,800,746	6.8	1,083,467	4.4	233,732	5.0	953	45.4
Veterinary activities	89	0.4	62	0.4	428,070	0.2	36,764	0.2	2,438	0.1	12	0.6
Administrative and support service activities	63,465	100.0	60,777	100.0	178,454,274	100.0	12,339,264	100.0	4,936,557	100.0	2,143	100.0
Rental and leasing activities	2,817	4.4	2,474	4.1	14,642,903	8.2	1,052,646	8.5	660,266	13.4	380	17.7
Employment activities	27,826	43.8	27,683	45.5	47,837,050	26.8	2,841,947	23.0	3,150,323	63.8	160	7.5
Travel agency, tour operator, reservation service and related activities	1,435	2.3	1,289	2.1	10,533,288	5.9	1,314,250	10.7	112,050	2.3	235	11.0
Security and investigation activities	24,384	38.4	24,278	39.9	86,391,964	48.4	5,354,738	43.4	848,312	17.2	146	6.8
Services to buildings and landscape activities	2,316	3.6	1,965	3.2	4,933,433	2.8	617,944	5.0	79,023	1.6	42	2.0
Office administrative, office support and other business support activities	4,686	7.4	3,089	5.1	14,115,635	7.9	1,157,739	9.4	86,583	1.8	1,180	55.1
Education	88,157	100.0	81,785	100.0	371,575,266	100.0	65,450,171	100.0	24,158,481	100.0	4,678	100.0
Education	88,157	100.0	81,785	100.0	371,575,266	100.0	65,450,171	100.0	24,158,481	100.0	4,678	100.0
Human health and social work activities	22,771	100.0	20,200	100.0	174,927,545	100.0	14,777,463	100.0	4,290,565	100.0	826	100.0
Human health activities	18,124	79.6	15,860	78.5	139,676,711	79.8	10,158,075	68.7	864,538	20.1	627	75.9
Residential care activities	633	2.8	607	3.0	2,856,578	1.6	345,180	2.3	0	0.0	66	8.0
Social work activities without accommodation	4,014	17.6	3,734	18.5	32,394,256	18.5	4,274,207	28.9	3,426,027	79.9	133	16.1
Arts, entertainment and recreation	7,269	100.0	5,718	100.0	19,936,985	100.0	1,518,702	100.0	2,301,661	100.0	1,447	100.0
Creative, arts and entertainment activities	2,378	32.7	2,120	37.1	4,901,874	24.6	336,553	22.2	32,940	1.4	115	7.9
Libraries, archives, museums and other cultural activities	540	7.4	471	8.2	2,635,034	13.2	116,819	7.7	47,769	2.1	26	1.8
Gambling and betting activities	2,894	39.8	2,300	40.2	9,964,969	50.0	928,472	61.1	2,213,453	96.2	938	64.8
Sports activities and amusement and recreation activities	1,457	20.0	827	14.5	2,435,109	12.2	136,858	9.0	7,500	0.3	369	25.5
Other service activities	98,664	100.0	43,415	100.0	168,932,689	100.0	7,668,909	100.0	3,479,526	100.0	23,037	100.0
Activities of membership organizations	36,588	37.1	17,155	39.5	78,869,131	46.7	4,861,531	63.4	1,205,264	34.6	3,956	17.2
Repair of computers and personal and household goods	8,204	8.3	3,842	8.8	21,426,585	12.7	2,380,385	31.0	390,171	11.2	2,851	12.4
Other personal service activities	53,872	54.6	22,418	51.6	68,636,973	40.6	426,993	5.6	1,884,091	54.1	16,230	70.5

5.8.4 Compensation of Employees in the Service sector in Volta Region

The share of the activity groups in the various sub-sectors in the Service sector in the Volta region with respect to compensation paid and persons working in these groups is shown in Table 5.17. In terms of compensation, within the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, the retail trade, except of motor vehicles and motorcycles activity group has the highest share of all compensation paid; wages and salaries (87.5%), social security contributions (92.97%), and other supplements to wages and salaries (85.8%). The wholesale trade activities group paid the lowest proportion in wages and salaries (4.8%) and other supplements to wages and salaries (6.2%) while the wholesale and retail trade; repair of motor vehicles and motorcycles paid the lowest social security contribution (3.4%). The retail trade activities group has the highest proportion of persons engaged (86.1%), number of employees (88.0%) and number of establishments (89.7%).

Table 5.17 further shows that within the Transport and storage sub-sector, the warehousing and support activities for transportation has the highest share in terms of persons engaged (48.3%), number of employees (48.1%) and number of establishments (38.8%). On the contrary, the land transport and transport via pipelines activities group paid the highest proportion of wages and salaries (79.9%), social security contributions (87.3%) and other supplements to wages and salaries (98.7%). Water transport paid the lowest compensation.

Within the Accommodation and food service activities sub-sector, the food and beverage service activities groups has the largest share of the number of persons engaged (82.4 %), number employed (73.4%), and number of establishments (91.8%) in the sub-sector while the accommodation activities group has the lowest. With regard to compensation, the accommodation activities group recorded the highest proportions for other supplements to wages and salaries (67.3%) and social security (87.9%). However, the food and beverage service activities group contributed the highest proportion of wages and salaries (65.2%).

The programming and broadcasting activities group has the highest share of the number of persons engaged (57.8%) and number of employees (61.5%) in the Information and communication sub-sector. However, the telecommunication activities group has the highest proportion (39.7%) of the number of establishments. Concerning compensation, the programming and broadcasting activities group contributed the highest proportions to wages and salaries (53.3%) and social security contributions (72.1%). The telecommunication activities group on the other hand, contributed the highest proportion to other supplements to wages and salaries (63.0%). Establishments engaged in computer programming, consultancy and related activities group paid the lowest compensation.

In the case of the Financial and insurance sub-sector, the financial service activities, except insurance and pension funding activities group has the highest share in compensations paid: wages and salaries (74.2%), social security contributions (94.9%) and other supplements to wages and salaries (62.8%). Again, the group's share of the sub-sector is highest in the number of employees (87.0%), number of persons engaged (85.7%) and the number of establishments (85.1%). Establishments engaged in activities auxiliary to financial service and insurance activity group contributed the lowest proportion to compensation.

Table 5.17 which also presents information on Professional, scientific and technical activities sub-sector shows that in terms of compensation, the architectural and engineering activities; technical testing and analysis activity group contributed the highest proportion to wages and salaries (47.8%) and other supplementary wages and salaries (61.1%) while the other professional, scientific and technical activities activity group contributed the highest proportion to social security contribution (52.8%) . The veterinary activities group contributed the lowest compensation. The other professional, scientific and technical activities group has the largest share in the number of persons engaged (68.2%), number of employees (65.2%) and number of establishments (75.3%).

The Administrative and support service activities sub-sector has establishments engaged in office administration, office support and other business support activities recording the highest share of the number of persons engaged (70.9%), number of employees (51.3%) and number of establishments (69.6%). Again, the office administration, office support and other business support activities group contributed the highest proportion of wages and salaries (53.2%) and other supplements to wages and salaries with 59.0 percent. However, the travel agency, tour operator, reservation service and related activities contributed the highest to social security contributions (65.7%). Establishments engaged in securities and investigations activities contributed lowest proportion of wages and salaries (0.8%) with no supplements to wages and salaries (Table 5.17).

With regard to the human health and social work sub-sector, the human health activities group contributed the highest proportion to wages and salaries (92.9%), social security contribution (95.5%) and the number of establishments (82.2%). The residential care activities group contributed the lowest compensation within in the sub-sector. Again, the human health activities group has the largest share of number of persons engaged (75.8%) and number of employees (84.1%).

Table 5.17 further shows that within the Arts, entertainment and recreation sub-sector, the gambling and betting activities group has the highest share in the number of persons engaged (57.6%), number of employees (62.1%) and number of establishments (58.0%). Concerning compensation, establishments engaged in libraries, archives, museums and other cultural activities has the highest share in wages and salaries (58.3%) and social security contributions (86.7%). However, the gambling and betting activities group contributed the highest proportion to other supplements to wages and salaries with 81.0 percent. The creative arts and entertainment activities group contributed the lowest proportion.

Within the other service activities sub-sector, establishments engaged in activities of membership organizations contributed the highest proportion of wages and salaries (74.3%), social security (84.1%) and other supplements to wages and salaries (86.5%). Again, establishments within membership organizations has the highest share in the number of persons engaged (57.9%), number of employees (76.3%) and number of establishments (47.6%). Establishments engaged in the repair of computers and personal and household goods have the lowest proportion of compensation paid as well as the number of employees and persons engaged.

Table 5.17: Compensation of Employees in the Service sector - Volta Region

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - VOLTA	155,605		70,664		199,831,199		12,531,481		1,904,105		39,263	
Wholesale and retail trade; repair of motor vehicles and motorcycles	38,352	100.0	12,982	100.0	25,839,086	100.0	702,654	100.0	239,367	100.0	15,461	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	3,433	9.0	1,068	8.2	1,997,747	7.7	23,662	3.4	19,196	8.0	1,154	7.5
Wholesale trade, except of motor vehicles and motorcycles	1,904	5.0	490	3.8	1,230,158	4.8	25,882	3.7	14,802	6.2	431	2.8
Retail trade, except of motor vehicles and motorcycles	33,016	86.1	11,424	88.0	22,611,181	87.5	653,109	92.9	205,369	85.8	13,876	89.7
Transportation and storage	1,016	100.0	928	100.0	3,586,304	100.0	275,352	100.0	44,434	100.0	98	100.0
Land transport and transport via pipelines	455	44.8	418	45.0	2,864,465	79.9	240,348	87.3	43,841	98.7	21	21.4
Water transport	19	1.9	13	1.4	9,970	0.3	600	0.2	0	0.0	5	5.1
Air transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Warehousing and support activities for transportation	491	48.3	446	48.1	511,745	14.3	12,267	4.5	593	1.3	38	38.8
Postal and courier activities	51	5.0	51	5.5	200,125	5.6	22,138	8.0	0	0.0	34	34.7
Accommodation and food service activities	14,300	100.0	7,594	100.0	16,890,375	100.0	555,591	100.0	88,112	100.0	4,013	100.0
Accommodation	2,520	17.6	2,018	26.6	5,869,910	34.8	373,927	67.3	77,478	87.9	328	8.2
Food and beverage service activities	11,780	82.4	5,576	73.4	11,020,464	65.2	181,664	32.7	10,633	12.1	3,685	91.8
Information and communication	676	100.0	408	100.0	1,247,897	100.0	87,971	100.0	9,179	100.0	116	100.0
Publishing activities	10	1.5	8	2.0	19,790	1.6	2,795	3.2	150	1.6	2	1.7
Motion picture, video and television programme production, sound recording	64	9.5	38	9.3	314,183	25.2	0	0.0	0	0.0	25	21.6
Programming and broadcasting activities	391	57.8	251	61.5	664,819	53.3	63,447	72.1	3,250	35.4	25	21.6
Telecommunications	139	20.6	88	21.6	237,870	19.1	15,114	17.2	5,779	63.0	46	39.7
Computer programming, consultancy and related activities	12	1.8	12	2.9	4,375	0.4	438	0.5	0	0.0	2	1.7
Information service activities	59	8.7	11	2.7	6,860	0.5	6,178	7.0	0	0.0	16	13.8
Financial and insurance activities	2,825	100.0	2,547	100.0	30,698,748	100.0	1,307,832	100.0	80,597	100.0	255	100.0
Financial service activities, except insurance and pension funding	2,422	85.7	2,217	87.0	22,775,455	74.2	1,241,014	94.9	50,632	62.8	217	85.1
Insurance, reinsurance and pension funding, except compulsory social security	369	13.1	297	11.7	7,807,579	25.4	53,102	4.1	29,848	37.0	28	11.0
Activities auxiliary to financial service and insurance activities	33	1.2	33	1.3	115,714	0.4	13,715	1.0	117	0.1	11	4.3
Real estate activities	19	100.0	15	100.0	36,497	100.0	1,170	100.0	0	0.0	4	100.0
Real estate activities	19	100.0	15	100.0	36,497	100.0	1170	100.0	0	0.0	4	100.0

Table 5.17: Compensation of Employees in the Service sector- Volta Region (cont'd)

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - VOLTA	155,605		70,664		199,831,199		12,531,481		1,904,105		39,263
Professional, scientific and technical activities	935	100.0	644	100.0	5,956,578	100.0	115,857	100.0	7,360	100.0	174	100.0
Legal and accounting activities	76	8.1	64	9.9	836,756	14.0	39,833	34.4	0	0.0	10	5.7
Activities of head offices; management consultancy activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Architectural and engineering activities; technical testing and analysis	214	22.9	155	24.1	2,848,138	47.8	10,282	8.9	4,500	61.1	30	17.2
Scientific research and development	2	0.2	1	0.2	1,115,470	18.7	0	0.0	0	0.0	1	0.6
Advertising and market research	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other professional, scientific and technical activities	638	68.2	420	65.2	1,121,015	18.8	61,166	52.8	2,860	38.9	131	75.3
Veterinary activities	5	0.5	4	0.6	35,200	0.6	4,576	3.9	0	0.0	1	0.6
Administrative and support service activities	1,080	100.0	597	100.0	1,100,755	100.0	31,052	100.0	2,683	100.0	276	100.0
Rental and leasing activities	71	6.6	51	8.5	109,183	9.9	300	1.0	0	0.0	27	9.8
Employment activities	9	0.8	8	1.3	76,993	7.0	3,084	9.9	850	31.7	3	1.1
Travel agency, tour operator, reservation service and related activities	19	1.8	19	3.2	74,000	6.7	20,400	65.7	0	0.0	1	0.4
Security and investigation activities	11	1.0	11	1.8	8,352	0.8	552	1.8	0	0.0	1	0.4
Services to buildings and landscape activities	204	18.9	203	34.0	246,779	22.4	1,913	6.2	250	9.3	52	18.8
Office administrative, office support and other business support activities	766	70.9	306	51.3	585,448	53.2	4,803	15.5	1,583	59.0	192	69.6
Education	16,433	100.0	14,720	100.0	28,936,034	100.0	2,270,987	100.0	233,917	100.0	1,079	100.0
Education	16,433	100.0	14,720	100.0	28,936,034	100.0	2,270,987	100.0	233,917	100.0	1,079	100.0
Human health and social work activities	4,255	100.0	3,192	100.0	25,512,201	100.0	2,016,778	100.0	172,444	100.0	286	100.0
Human health activities	3,226	75.8	2,683	84.1	23,692,026	92.9	1,925,816	95.5	169,560	98.3	235	82.2
Residential care activities	67	1.6	41	1.3	262,860	1.0	9,400	0.5	600	0.3	6	2.1
Social work activities without accommodation	961	22.6	468	14.7	1,557,315	6.1	81,562	4.0	2,284	1.3	45	15.7
Arts, entertainment and recreation	764	100.0	565	100.0	1,241,902	100.0	45,501	100.0	4,800	100.0	193	100.0
Creative, arts and entertainment activities	88	11.5	26	4.6	43,518	3.5	200	0.4	800	16.7	35	18.1
Libraries, archives, museums and other cultural activities	153	20.0	135	23.9	723,803	58.3	39,459	86.7	0	0.0	16	8.3
Gambling and betting activities	440	57.6	351	62.1	424,780	34.2	3,794	8.3	3,890	81.0	112	58.0
Sports activities and amusement and recreation activities	84	11.0	52	9.20	49,801	4.0	2,047	4.5	110	2.3	30	15.5
Other service activities	30,532	100.0	6,957	100.0	17,349,639	100.0	373,072	100.0	165,082	100.0	7,293	100.0
Activities of membership organizations	17,680	57.9	5,310	76.3	12,890,891	74.3	313,744	84.1	142,763	86.5	3,472	47.6
Repair of computers and personal and household goods	2,261	7.4	526	7.6	1,285,961	7.4	43,275	11.6	14,866	9.0	772	10.6
Other personal service activities	10,591	34.7	1,121	16.1	3,172,787	18.3	16,053	4.3	7,454	4.5	3,050	41.8

5.8.5 Compensation of Employees in the Service sector in Eastern Region

Table 5.18 shows the share of the activity groups in the various sub-sectors in the Services sector in the Eastern region. For the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, the retail trade group contributed the highest proportion to wages and salaries (55.2%), social security contributions (92.5%) and other supplements to wages and salaries (86.1%). Again, establishments engaged in retail trade have the highest proportions of employees (66.7%), persons engaged (72.3%) and the number of establishments (84.8%) in the sub-sector. Establishments engaged in wholesale trade, except of motor vehicles and motorcycles contributed the lowest proportion of compensation in the sub-sector.

The land transport and transport via pipelines activity group contributed the highest compensations in wages and salaries (74.2%) and social security (87.0%) and paid all other supplements to wages and salaries in the Transportation and storage sub-sector. Again, the land transport and transport via pipelines activity group engages the highest proportion of the workforce (59.2%) and employees (71.7%). The warehousing and support activities for transportation group has the highest share in the number of establishments (76.9%) while the postal and courier activities group contributed the lowest proportion of compensation and persons engaged in the sub-sector.

Within the Accommodation and food service activities sub-sector, the food and beverage service activities group has more than four-fifths (82.5 %) of persons engaged, employs more than three-quarters of the total persons employed (76.0%) and has the highest proportion of establishments (90.0%) in the sub-sector. With regard to compensation, the food and service activities group contributed the highest proportion to wages and salaries (79.0%) and is responsible for all the other supplements to wages and salaries. However, the accommodation activities group paid the highest proportion of social security contributions (65.3%) percent and has nine out of ten (90.0%) of the total number of establishments.

Table 5.18 further shows that within the Information and communication sub-sector, the programming and broadcasting activities group has the highest proportion of the number of persons engaged (47.8%) and employs more than half (54.0%) of persons employed in the sub-sector. The motion picture, video and television programme production, sound recording group has the highest number of establishments. Regarding compensation, the programming and broadcasting activity group paid the highest proportion of wages and salaries (81.7%), social security contribution (95.9%) and other supplements to wages and salaries (71.4%). Establishments engaged in information service activities contributed the lowest proportion to wages and salaries (1.4%).

The financial service activities, except insurance and pension funding activity group of the Financial and insurance activities sub-sector has the highest share of wages and salaries (78.8%), social security contributions (97.6%) and was responsible for

almost all the other supplements to wages and salaries with 99.8 percent. The group also engages the highest proportion of employees (92.4%), persons engaged (90.7%) and the total number of establishments (89.0%). Establishments that engaged in activities auxiliary to financial service and insurance activity group contributes the lowest proportion to compensation and employs and engages very low proportions of the workforce.

Within the Professional, scientific and technical activities sub-sector, the other professional, scientific and technical activities group has the highest share in persons engaged (61.1%), employees (52.7%) and the number of establishments (75.0%). Establishments in the architectural and engineering activities; technical testing and analysis activity group contributed the highest wages and salaries (57.8%) and other supplements to wages and salaries with 93.9 percent. However, the scientific research and development activities group contributed the highest proportion of social security contributions (60.4%) while the advertising and market research activities group paid the least compensation

The Administrative and support service activities sub-sector has establishments engaged in office administration, office support and other business support activities group contributing the highest share of wages and salaries (43.1%), social security contribution (50.7%) and other supplementary to wages and salaries (64.4%). Again, the group employs the highest proportion of persons employed (47%) and also has the highest proportion (73.9%) of the number of establishments. The employment activities group paid the lowest compensation and employs the least proportion of persons employed.

Table 5.18 also shows that within the Human health and social work activities sub-sector, the human health activities group has the highest proportion of employees (85.9%), persons engaged (83.6%) and number of establishments (88.5%). Again, the group contributed the greater shares of wages and salaries (90.6%), social security contributions (96.2%) and other supplements to wages and salaries (61.9%). The residential care activities group contributed the least to compensations.

The Arts, entertainment and recreation sub-sector has the gambling and betting activities group with the highest proportion of persons engaged (61.4%), employees (58.4%) and number of establishments (65.3%). The group also has the highest share of wages and salaries (95.9%) and other supplements to wages and salaries, contributing 95.9 percent. The libraries, archives, museums and other cultural activities group has the highest share in social security contributions with 76.4 percent.

Table 5.18 further shows that activities of the membership organizations activity group has the highest proportion of employees (58.2%) and engaged 51.4 percent of the workforce in the sub-sector. With regard to compensation, activities of membership organizations group has the highest proportions, contributing 84.7 percent to wages and salaries, all social security contributions and 58.0 percent of other supplements to wages and salaries. Establishments engaged in other personal service activities has the highest share of the number of establishments (47.7%) while those engaged in the repair of computers and personal and household goods paid the least compensation.

Table 5.18: Compensation of Employees in the Service sector- Eastern Region

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - EASTERN	215,909		108,676		408,160,484		32,902,910		3,514,933		49,294	
Wholesale and retail trade; repair of motor vehicles and motorcycles	64,279	100.0	23,741	100.0	53,762,862	100.0	5,281,407	100.0	318,987	100.0	21,210	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	11,186	17.4	3,918	16.5	9,885,179	18.4	42,338	0.8	14,822	4.6	2,139	10.1
Wholesale trade, except of motor vehicles and motorcycles	6,617	10.3	3,993	16.8	14,216,435	26.4	355,420	6.7	29,501	9.2	1,095	5.2
Retail trade, except of motor vehicles and motorcycles	46,476	72.3	15,830	66.7	29,661,248	55.2	4,883,648	92.5	274,664	86.1	17,976	84.8
Transportation and storage	823	100.0	513	100.0	770,902	100.0	25,915	100.0	33,940	100.0	268	100.0
Land transport and transport via pipelines	487	59.2	368	71.7	572,038	74.2	22,551	87.0	33,940	100.0	54	20.1
Water transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Air transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Warehousing and support activities for transportation	318	38.6	126	24.6	130,723	17.0	324	1.3	0	0.0	206	76.9
Postal and courier activities	19	2.3	19	3.7	68,141	8.8	3,040	11.7	0	0.0	9	3.4
Accommodation and food service activities	15,385	100.0	8,546	100.0	22,939,770	100.0	400,933	100.0	44,268	100.0	4,195	100.0
Accommodation	2,697	17.5	2,052	24.0	4,827,060	21.0	261,804	65.3	0	0.0	421	10.0
Food and beverage service activities	12,688	82.5	6,494	76.0	18,112,709	79.0	139,129	34.7	44,268	100.0	3,774	90.0
Information and communication	1,122	100.0	735	100.0	2,519,099	100.0	245,249	100.0	2,800	100.0	227	100.0
Publishing activities	42	3.7	32	4.4	60,238	2.4	6,300	2.6	0	0.0	12	5.3
Motion picture, video and television programme production, sound recording	162	14.4	82	11.2	71,159	2.8	0	0.0	177	6.3	72	31.7
Programming and broadcasting activities	536	47.8	397	54.0	2,057,874	81.7	235,223	95.9	2,000	71.4	30	13.2
Telecommunications	166	14.8	100	13.6	169,650	6.7	3,726	1.5	300	10.7	61	26.9
Computer programming, consultancy and related activities	119	10.6	77	10.5	125,146	5.0	0	0.0	0	0.0	11	4.8
Information service activities	98	8.7	46	6.3	35,033	1.4	0	0.0	323	11.5	41	18.1
Financial and insurance activities	6,559	100.0	5,973	100.0	62,744,906	100.0	4,037,595	100.0	317,584	100.0	362	100.0
Financial service activities, except insurance and pension funding	5,947	90.7	5,520	92.4	49,439,320	78.8	3,941,464	97.6	317,084	99.8	322	89.0
Insurance, reinsurance and pension funding, except compulsory social security	583	8.9	441	7.4	13,263,699	21.1	95,026	2.4	0	0.0	35	9.7
Activities auxiliary to financial service and insurance activities	29	0.4	12	0.2	41,886	0.1	1,106	0.0	500	0.2	5	1.4
Real estate activities	97	100.0	90	100.0	165,600	100.0	0	0.0	1,500	100.0	5	100.0
Real estate activities	97	100.0	90	100.0	165,600	100.0	0	0.0	1,500	100.0	5	100.0

Table 5.18: Compensation Of Employees in the Service sector- Eastern Region (cont'd)

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - EASTERN	215,909		108,676		408,160,484		32,902,910		3,514,933		49,294
Professional, scientific and technical activities	2,082	100.0	1,118	100.0	8,459,782	100.0	77,232	100.0	76,675	100.0	368	100.0
Legal and accounting activities	55	2.6	43	3.8	609,275	7.2	0	0.0	0	0.0	9	2.4
Activities of head offices; management consultancy activities	4	0.2	1	0.1	682,217	8.1	0	0.0	0	0.0	1	0.3
Architectural and engineering activities; technical testing and analysis	710	34.1	452	40.4	4,891,540	57.8	6,312	8.2	72,000	93.9	77	20.9
Scientific research and development	32	1.5	31	2.8	369,622	4.4	46,680	60.4	0	0.0	4	1.1
Advertising and market research	2	0.1	2	0.2	7,200	0.1	0	0.0	0	0.0	1	0.3
Other professional, scientific and technical activities	1,273	61.1	589	52.7	1,837,556	21.7	24,240	31.4	4,675	6.1	276	75.0
Veterinary activities	5	0.2	2	0.2	62,372	0.7	0	0.0	0	0.0	1	0.3
Administrative and support service activities	1,595	100.0	1,152	100.0	2,180,309	100.0	31,516	100.0	5,647	100.0	364	100.0
Rental and leasing activities	263	16.5	154	13.4	402,267	18.4	0	0.0	2,011	35.6	83	22.8
Employment activities	24	1.5	19	1.6	221,062	10.1	1,200	3.8	0	0.0	7	1.9
Travel agency, tour operator, reservation service and related activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Security and investigation activities	167	10.5	166	14.4	250,080	11.5	8,347	26.5	0	0.0	4	1.1
Services to buildings and landscape activities	273	17.1	273	23.7	366,360	16.8	5,975	19.0	0	0.0	1	0.3
Office administrative, office support and other business support activities	869	54.5	541	47.0	940,540	43.1	15,994	50.7	3,635	64.4	269	73.9
Education	27,586	100.0	26,011	100.0	64,143,387	100.0	5,972,093	100.0	149,430	100.0	1,788	100.0
Education	27,586	100.0	26,011	100.0	64,143,387	100.0	5,972,093	100.0	149,430	100.0	1,788	100.0
Human health and social work activities	7,610	100.0	5,962	100.0	45,055,661	100.0	8,253,962	100.0	266,176	100.0	453	100.0
Human health activities	6,362	83.6	5,121	85.9	40,820,749	90.6	7,941,948	96.2	164,728	61.9	401	88.5
Residential care activities	8	0.1	4	0.1	10,080	0.0	0	0.0	0	0.0	4	0.9
Social work activities without accommodation	1,239	16.3	837	14.0	4,224,833	9.4	312,013	3.8	101,448	38.1	48	10.6
Arts, entertainment and recreation	901	100.0	536	100.0	968,858	100.0	12,718	100.0	1,206	100.0	216	100.0
Creative, arts and entertainment activities	110	12.2	63	11.8	97,529	10.1	0	0.0	0	0.0	28	13.0
Libraries, archives, museums and other cultural activities	27	3.0	21	3.9	102,790	10.6	9,722	76.4	0	0.0	9	4.2
Gambling and betting activities	553	61.4	313	58.4	693,928	71.6	2,276	17.9	1,156	95.9	141	65.3
Sports activities and amusement and recreation activities	211	23.4	139	25.9	74,610	7.7	720	5.7	50	4.1	38	17.6
Other service activities	34,591	100.0	9,124	100.0	49,515,456	100.0	509,032	100.0	78,860	100.0	9,521	100.0
Activities of membership organizations	17,777	51.4	5,309	58.2	41,941,266	84.7	508,806	100.0	45,766	58.0	4,139	43.5
Repair of computers and personal and household goods	1,674	4.8	697	7.6	1,399,230	2.8	211	0.0	840	1.1	839	8.8
Other personal service activities	15,141	43.8	3,118	34.2	6,174,960	12.5	14	0.0	32,254	40.9	4,543	47.7

5.8.6 Compensation of Employees in the Service sector in Ashanti Region

Table 5.19 shows the share of the activity groups in the various sub-sectors in the Service sector in the Ashanti region with respect to compensation paid and persons working in these groups. For the wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, the retail trade, except of motor vehicles and motorcycles activity group had the highest share of all compensation paid: wages and salaries (77.2%), social security contributions (78.5%), and 75.0 percent of other supplements to wages and salaries. This group also engaged the highest proportion of employees with 64.2 percent, number of establishments (81.8%) and the number of persons engaged (67.2%). Those engaged in wholesale trade, except of motor vehicles and motorcycles has the lowest share of persons engaged (8.5%) and employees (15.3%). Again, this group contributes the least to compensation in the subsector.

The Transportation and storage sub-sector has establishments engaging in land transport and transport via pipelines group contributing the highest proportion to wages and salaries (83.0%), social security (79.3%) and other supplements to wages and salaries (77.7%). The group also has the highest proportion of employees (69.5%) and persons engaged (73.6%) in the sub-sector. Also, most of the establishments (59.5%) are engaged in activities relating to land transport and transport via pipelines. The postal and courier activity group paid the least compensation and engages and employs the lowest proportion of the workforce in the sub-sector.

Within the Accommodation and food service activities sub-sector, the food and beverage service activities group has the greatest share in the number of persons engaged (79.5 %), number employed (73.6%), and number of establishments (91.8%). Again, it paid the highest proportion of wages and salaries (70.4%), other supplement to wages and salaries (56.3%) The accommodation activity group has the highest share of social security contributions paid, with 58.0 percent.

Table 5.19 further shows that in the Information and communication sub-sector in the Ashanti region, the telecommunication activities group had the highest share in three categories; number of persons engaged (33.9%), persons employed (36.7%) and number of establishments (38.5%). Establishments that engaged in programming and broadcasting contributed the highest share of 29.3 percent and 38.3 percent to social security and other supplements to wages and salaries respectively. Those engaged in motion picture, video and television programme production, sound recording activity group recorded the highest share (30.4%) of wages and salaries paid in the sub-sector while establishments engaged in computer programming, consultancy and related activities employs and engages the least workforce in the sub-sector and also contributes the lowest proportion to compensation.

Within the Financial and insurance sub-sector, the financial service activities, except insurance and pension funding activity group has the highest share in compensations paid: wages and salaries (96.8%), social security contributions (94.8%) and all other supplements to wages and salaries (100%). The group also has the highest share in the number of employees (93.4%), number of persons engaged (92.4%) and the number of establishments (84.1%). Establishments engaging in activities auxiliary to financial service and insurance activity group paid the least compensation and employees the least persons.

Table 5.19 further shows the share of the professional, scientific and technical activities sub-sector. The architectural and engineering activities; technical testing and analysis activity group has the highest share in wages and salaries (36.3%) and other supplements to wages and salaries (93.7%). The other professional, scientific and technical activity group, on the other hand, has the highest proportion of the number of persons engaged (61.1%), number of employees (48.7%), and number of establishments (71.3%). Establishment engaged in scientific research and development contributed the highest share to social security (52.7%) while the veterinary services group paid the lowest compensation and employs and engages the least proportion of the workforce

The Administrative and support service activities sub-sector has establishments involved in employments activities contributing the highest share in the number of persons engaged (34.2%) and number of employees (42.6%). Establishments engaged in securities and investigation activities group has the highest share in wages and salaries and social security contributions paid with 37.3 percent and 44.0 percent respectively, with those engaged in office administration, office support and other business support activities group having 49.2 percent of the total number of establishments. Those into services to buildings and landscape activities contributed the lowest proportion of wages and salaries (0.8%) while travel agency, tour operator, reservation service and related activities paid the lowest social security (4.1%).

Within the Human health and social work activities sub-sector, the human health activities group paid the highest proportion of wages and salaries (98.4%), social security contributions (98.3%) and other supplements to wages and salaries (91.7%). It also employs and engages the highest proportion of persons with 96.3 percent and 95.4 percent respectively.

Table 5.19 further indicates that within the Arts, entertainment and recreation sub-sector, the gambling and betting activities group has the highest share in persons engaged (80.1%), persons employed (79.8%) and number of establishments (90.8%). In terms of compensation, the gambling and betting activities group has the greater share of wages and salaries (86.8%) and social security contributions (76.8%). The sports activities and amusement and recreation activities group paid all other supplement to wages and salaries in the sub-sector. The libraries, archives, museums and other cultural activities group has the lowest share in all the categories with less than two percent each.

Within the other service activities sub-sector, the activities of membership organizations group has the highest share in persons engaged (49.9%), and persons employed (62.7%). With regard to compensation, activities of membership organizations paid the greater share in wages and salaries (77.0%), social security contribution (80.1%) and almost all the other supplements to wages and salaries (99.8%). On the contrary, establishments engaged in the other personal service activities group have the highest proportion of the number of establishments (58.7%) in the sub-sector. Those engaged in the repair of computers and personal and household goods contributed the lowest to compensation in the sub-sector and also employed and engaged the least proportion of the workforce.

Table 5.19: Compensation of Employees in the Service sector- Ashanti Region

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - ASHANTI	511,735		257,007		1,221,134,959		117,022,658		33,638,258		98,959
Wholesale and retail trade; repair of motor vehicles and motorcycles	144,248	100.0	55,748	100.0	299,422,276	100.0	14,535,636	100.0	3,324,283	100.0	45,056	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	34,726	24.1	11,444	20.5	38,732,380	12.9	970,573	6.7	38,251	1.2	6,267	13.9
Wholesale trade, except of motor vehicles and motorcycles	12,292	8.5	8,508	15.3	29,567,415	9.9	2,161,541	14.9	794,025	23.9	1,947	4.3
Retail trade, except of motor vehicles and motorcycles	97,230	67.4	35,796	64.2	231,122,481	77.2	11,403,523	78.5	2,492,007	75.0	36,842	81.8
Transportation and storage	3,709	100.0	2,420	100.0	14,437,358	100.0	466,554	100.0	59,092	100.0	210	100.0
Land transport and transport via pipelines	2,728	73.6	1,682	69.5	11,976,832	83.0	369,909	79.3	45,903	77.7	125	59.5
Water transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Air transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Warehousing and support activities for transportation	757	20.4	540	22.3	1,856,462	12.9	33,231	7.1	13,189	22.3	51	24.3
Postal and courier activities	224	6.0	198	8.2	604,063	4.2	63,414	13.6	0	0.0	34	16.2
Accommodation and food service activities	29,977	100.0	20,188	100.0	53,254,582	100.0	3,191,411	100.0	428,004	100.0	6,806	100.0
Accommodation	6,146	20.5	5,334	26.4	15,773,952	29.6	1,849,645	58.0	187,169	43.7	558	8.2
Food and beverage service activities	23,831	79.5	14,853	73.6	37,480,630	70.4	1,341,766	42.0	240,835	56.3	6,248	91.8
Information and communication	3,253	100.0	2,403	100.0	7,738,010	100.0	504,469	100.0	5,429	100.0	733	100.0
Publishing activities	298	9.2	227	9.4	1,268,689	16.4	61,490	12.2	1,915	35.3	53	7.2
Motion picture, video and television programme production, sound recording	344	10.6	218	9.1	2,355,022	30.4	5,706	1.1	0	0.0	94	12.8
Programming and broadcasting activities	721	22.2	550	22.9	1,515,168	19.6	147,662	29.3	2,081	38.3	49	6.7
Telecommunications	1,104	33.9	881	36.7	1,665,487	21.5	134,068	26.6	0	0.0	282	38.5
Computer programming, consultancy and related activities	159	4.9	132	5.5	412,196	5.3	11,069	2.2	0	0.0	29	4.0
Information service activities	627	19.3	393	16.4	521,448	6.7	144,475	28.6	1,433	26.4	226	30.8
Financial and insurance activities	9,597	100.0	8,848	100.0	93,861,748	100.0	11,639,173	100.0	24,028,494	100.0	656	100.0
Financial service activities, except insurance and pension funding	8,868	92.4	8,263	93.4	90,884,392	96.8	11,035,905	94.8	24,024,294	100.0	552	84.1
Insurance, reinsurance and pension funding, except compulsory social security	528	5.5	431	4.9	2,682,204	2.9	271,161	2.3	4,200	0.0	57	8.7
Activities auxiliary to financial service and insurance activities	201	2.1	155	1.8	295,152	0.3	332,107	2.9	0	0.0	47	7.2
Real estate activities	436	4.5	381	4.3	1,426,878	100.0	131,734	100.0	0	0.0	23	100.0
Real estate activities	436	4.5	381	4.3	1,426,878	100.0	131,734	100.0	0	0.0	23	100.0

Table 5.19: Compensation of Employees in the Service sector - Ashanti Region (cont'd)

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - ASHANTI	511,735		257,007		1,221,134,959		117,022,658		33,638,258		98,959	
Professional, scientific and technical activities	6,737	100.0	4,012	100.0	37,652,571	100.0	2,488,889	100.0	513,321	100.0	864	100.0
Legal and accounting activities	487	7.2	372	9.3	3,526,555	9.4	319,847	12.9	11,079	2.2	55	6.4
Activities of head offices; management consultancy activities	307	4.6	194	4.8	394,557	1.0	14,047	0.6	6,840	1.3	65	7.5
Architectural and engineering activities; technical testing and analysis	1,070	15.9	821	20.5	13,668,098	36.3	653,895	26.3	481,002	93.7	106	12.3
Scientific research and development	656	9.7	605	15.1	11,453,631	30.4	1,311,972	52.7	0	0.0	3	0.3
Advertising and market research	48	0.7	26	0.6	145,751	0.4	15,172	0.6	0	0.0	11	1.3
Other professional, scientific and technical activities	4,111	61.0	1,953	48.7	8,089,225	21.5	133,909	5.4	14,400	2.8	616	71.3
Veterinary activities	59	0.9	41	1.0	374,753	1.0	40,048	1.6	0	0.0	8	0.9
Administrative and support service activities	9,447	100.0	7,496	100.0	12,837,653	100.0	784,398	100.0	201,124	100.0	799	100.0
Rental and leasing activities	1,263	13.4	808	10.8	3,066,955	23.9	197,949	25.2	149,275	74.2	333	41.7
Employment activities	3,231	34.2	3,197	42.6	2,725,720	21.2	31,980	4.1	17,172	8.5	17	2.1
Travel agency, tour operator, reservation service and related activities	196	2.1	139	1.9	697,166	5.4	52,215	6.7	10,667	5.3	32	4.0
Security and investigation activities	2,864	30.3	1,966	26.2	4,838,359	37.7	345,477	44.0	13,200	6.6	17	2.1
Services to buildings and landscape activities	493	5.2	492	6.6	105,780	0.8	50,335	6.4	0	0.0	6	0.8
Office administrative, office support and other business support activities	1,399	14.8	894	11.9	1,403,674	10.9	106,442	13.6	10,810	5.4	393	49.2
Education	52,060	100.0	48,543	100.0	216,751,737	100.0	44,479,645	100.0	962,210	100.0	2,503	100.0
Education	52,060	100.0	48,543	100.0	216,751,737	100.0	44,479,645	100.0	962,210	100.0	2,503	100.0
Human health and social work activities	15,551	100.0	13,836	100.0	98,035,055	100.0	6,268,398	100.0	448,844	100.0	655	100.0
Human health activities	14,830	95.4	13,323	96.3	96,443,973	98.4	6,161,059	98.3	411,596	91.7	607	92.7
Residential care activities	173	1.1	131	0.9	689,493	0.7	23,865	0.4	9,060	2.0	11	1.7
Social work activities without accommodation	547	3.5	382	2.8	901,589	0.9	83,474	1.3	28,187	6.3	37	5.6
Arts, entertainment and recreation	2,942	100.0	1,946	100.0	9,126,835	100.0	417,405	100.0	4,978	100.0	1,527	100.0
Creative, arts and entertainment activities	239	8.1	121	6.2	172,707	1.9	6,570	1.6	0	0.0	65	4.3
Libraries, archives, museums and other cultural activities	10	0.3	7	0.4	41,859	0.5	4,744	1.1	0	0.0	4	0.3
Gambling and betting activities	2,358	80.1	1,553	79.8	7,921,347	86.8	320,637	76.8	0	0.0	1,386	90.8
Sports activities and amusement and recreation activities	335	11.4	265	13.6	990,922	10.9	85,454	20.5	4,978	100.0	72	4.7
Other service activities	93,841	100.0	23,698	100.0	109,360,000	100.0	4,448,627	100.0	536,589	100.0	17,668	100.0
Activities of membership organizations	46,813	49.9	14,851	62.7	84,228,749	77.0	3,563,929	80.1	535,537	99.8	5,878	33.3
Repair of computers and personal and household goods	4,798	5.1	1,720	7.3	8,387,425	7.7	309,026	6.9	430	0.1	1,415	8.0
Other personal service activities	42,230	45.0	7,127	30.1	16,743,826	15.3	575,671	12.9	622	0.1	10,374	58.7

5.8.7 Compensation of Employees in the Service sector in Brong Ahafo Region

Table 5.20 presents information on the share of the activity groups in the various sub-sectors of the Service sector in the Brong Ahafo region. For the wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, the retail trade, except of motor vehicles and motorcycles activity group contributed the highest proportion to wages and salaries (43.8%), social security contributions (53.8%), and other supplements to wages and salaries (46.7%). This group also engaged the highest proportion of employees (59.0%) and persons engaged (70.0%). Establishments engaged in wholesale and retail trade and repair of motor vehicles and motorcycles contributed the lowest share of wages and salaries (23.5%) and social security contribution (4.0%). On the other hand, establishments engaged in wholesale trade, except of motor vehicles and motorcycles contributed the lowest proportion to other supplements to wages and salaries with 25.8 percent.

Within the Transportation and storage sub-sector, the land transport and transport via pipelines has the highest share in wages and salaries (77.2%) and social security contributions (59.8%) as well as the number of establishments (47.5%). However, the warehousing and support activities for transportation group contributed the highest share to other supplements to wages and salaries (77.7%). The land transport and transport via pipelines group also engages the highest proportion of employees (70.7%) and persons engaged (73.2%). The postal and courier activity group has the lowest share in wages and salaries and social security contributions.

For the Accommodation and food service activities sub-sector, the food and beverage service activities group has the greatest share in the following areas: number of persons engaged (86.8 %), number employed (79.8%), wages and salaries (83.7%), other supplements to wages and salaries (80.8%) and the total number of establishments (92.4%) in the sub-sector. The accommodation activities group recorded the highest share for social security contributions (96.5%).

Table 5.20 further indicates that in the Information and communication sub-sector, the programming and broadcasting activities group has the highest share of persons engaged (59.5%) and persons employed (65.1%). The group also contributes the highest proportion in wages and salaries (75.7%), social security (86.1%) and three-quarters of other supplements to wages and salaries (74.6%). On the other hand, establishments that engaged in telecommunication activities have the highest proportion of the number of establishments (50.2%) while those engaged in computer programming, consultancy and related activities contributed nothing to social security contribution and has the lowest proportion of other supplements to wages and salaries (0.1%)

Within the Financial and insurance sub-sector, the financial service activities, except insurance and pension funding activity group contributed the highest share of wages and salaries (91.2%), social security contributions (92.0%) as well as all other

supplements to wages and salaries (100.0%). Again, the group employs and engages the highest proportion of persons in the sub-sector (95% each). Establishments engaging in activities auxiliary to financial service and insurance activities group contributed the lowest proportions to compensation.

In the professional, scientific and technical activities sub-sector, the other professional, scientific and technical activities group has the highest share in the number of persons engaged (62.2%), number of employees (57.2%) and number of establishments (78.1%). Establishments engaged in legal and accounting activities contributed the highest share to social security (67.4%) but the lowest to other supplements to wages and salaries with less than one percent (0.3%). The architectural and engineering activities including technical testing and analysis activity group contributed the highest share to wages and salaries (52.6%).

Within the Administrative and support service activities sub-sector, establishments involved in office support and other business support activities group contributed the highest proportion of wages and salaries (42.4%) and has more than half (57.7%) of the total number of establishments. The group also engages more than half (51.6%) and employs 39.4 percent of the workforce. On the other hand, establishments engaged in the rental and leasing activity group has the highest share in social security contributions (37.0%) and other supplements to wages and salaries (59.7%). Those into employment activities contributed the least to compensation in the sub-sector (Table 5.20).

Table 5.20 further indicates that within the Human health and social work activities sub-sector, the human health activities group contributed the highest proportion of wages and salaries (98.6%), all social security contribution (100%) and all other supplements to wages and salaries (100%). The group also employs almost all the workforce (98.6%) and engages 95.4 percent persons. The activities related to residential care contributed the least proportion to compensation.

Table 5.20 also reveals that within the Arts, entertainment and recreation sub-sector, the gambling and betting e activity group has the highest share in the following categories in the Brong Ahafo region; 55.4 percent of the number of persons engaged; 54.6 percent of persons employed; 72.4 percent of wages and salaries paid; 73.3 percent of other supplements to wages and salaries and 75.8 percent of the total number of establishments. On the other hand, the sports activities and amusement and recreation activities group contributed about half (50.9%) of social security contributions. The libraries, archives, museums and other cultural activities group has the lowest share in all the categories with less than two percent each.

The Table further shows that within the other service activities sub-sector, the activities of membership organizations group has the highest share in five categories as follows; number of persons engaged (58.5%); number of persons employed (65.5%); wages and salaries 82.3%; social security (96.3%) and other supplements to wages and salaries (81.1%). Those engaged in other personal service activities has the highest proportion (47.4%) of the number of establishments in the sub-sector. Establishments engaged in the repair of computers and personal and household goods has the lowest share for all compensation and workforce in this sub sector in the Brong Ahafo region.

Table 5.20: Compensation of Employees in the Service sector - Brong Ahafo Region

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - BRONG AHAFO	227,666		107,543		427,680,257		196,886,076		9,212,879		44,527	
Wholesale and retail trade; repair of motor vehicles and motorcycles	54,825	100.0	17,466	100.0	44,101,346	100.0	1,808,263	100.0	581,482	100.0	20,114	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	12,359	22.5	3,407	19.5	10,352,282	23.5	72,675	4.0	159,918	27.5	2,491	12.4
Wholesale trade, except of motor vehicles and motorcycles	4,092	7.5	3,750	21.5	14,444,962	32.8	762,798	42.2	150,303	25.8	666	3.3
Retail trade, except of motor vehicles and motorcycles	38,373	70.0	10,309	59.0	19,304,103	43.8	972,790	53.8	271,262	46.7	16,957	84.3
Transportation and storage	827	100.0	576	100.0	2,426,125	100.0	168,752	100.0	15,107	100.0	61	100.0
Land transport and transport via pipelines	605	73.2	407	70.7	1,871,886	77.2	100,876	59.8	522	3.5	29	47.5
Water transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Air transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Warehousing and support activities for transportation	194	23.5	147	25.5	421,868	17.4	53,252	31.6	8,975	59.4	22	36.1
Postal and courier activities	28	3.4	23	4.0	132,371	5.5	14,624	8.7	5,610	37.1	11	18.0
Accommodation and food service activities	12,930	100.0	6,977	100.0	14,244,974	100.0	216,367	100.0	136,950	100.0	3,433	100.0
Accommodation	1,706	13.2	1,410	20.2	2,324,665	16.3	208,814	96.5	26,361	19.2	262	7.6
Food and beverage service activities	11,224	86.8	5,567	79.8	11,920,309	83.7	7,553	3.5	110,589	80.8	3,171	92.4
Information and communication	1,535	100.0	967	100.0	2,257,465	100.0	296,717	100.0	25,836	100.0	297	100.0
Publishing activities	53	3.5	39	4.0	133,307	5.9	3,359	1.1	0	0.0	10	3.4
Motion picture, video and television programme production, sound recording	31	2.0	12	1.2	28,203	1.2	0	0.0	4,039	15.6	9	3.0
Programming and broadcasting activities	913	59.5	630	65.1	1,708,070	75.7	255,554	86.1	19,267	74.6	74	24.9
Telecommunications	389	25.3	201	20.8	303,042	13.4	37,804	12.7	1,894	7.3	149	50.2
Computer programming, consultancy and related activities	27	1.8	15	1.6	32,077	1.4	0	0.0	20	0.1	4	1.3
Information service activities	122	7.9	70	7.2	52,766	2.3	0	0.0	617	2.4	52	17.5
Financial and insurance activities	6,634	100.0	5,595	100.0	51,818,765	100.0	6,140,032	100.0	2,603,261	100.0	435	100.0
Financial service activities, except insurance and pension funding	6,301	95.0	5,316	95.0	47,262,830	91.2	5,648,071	92.0	2,603,261	100.0	411	94.5
Insurance, reinsurance and pension funding, except compulsory social security	227	3.4	175	3.1	3,420,007	6.6	438,861	7.1	0	0.0	20	4.6
Activities auxiliary to financial service and insurance activities	106	1.6	104	1.9	1,135,927	2.2	53,100	0.9	0	0.0	4	0.9
Real estate activities	16	100.0	14	100.0	243,142	100.0	0	0.0	0	0.0	5	100.0
Real estate activities	16	100.0	14	100.0	243,142	100.0	0	0.0	0	0.0	5	100.0

Table 5.20: Compensation of Employees in the Service sector- Brong Ahafo Region (cont'd)

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - BRONG AHAFO	227,666		107,543		427,680,257		196,886,076		9,212,879		44,527	
Professional, scientific and technical activities	1,438	100.0	914	100.0	7,389,743	100.0	118,263	100.0	12,124	100.0	260	100.0
Legal and accounting activities	109	7.6	84	9.2	656,672	8.9	79,751	67.4	40	0.3	20	7.7
Activities of head offices; management consultancy activities	73	5.1	34	3.7	270,999	3.7	11,374	9.6	0	0.0	4	1.5
Architectural and engineering activities; technical testing and analysis	299	20.8	223	24.4	3,886,329	52.6	20,532	17.4	330	2.7	29	11.2
Scientific research and development	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Advertising and market research	64	4.5	51	5.6	108,085	1.5	6,021	5.1	3,569	29.4	4	1.5
Other professional, scientific and technical activities	894	62.2	523	57.2	2,467,657	33.4	585	0.5	8,184	67.5	203	78.1
Veterinary activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Administrative and support service activities	911	100.0	485	100.0	1,097,293	100.0	57,658	100.0	10,947	100.0	281	100.0
Rental and leasing activities	262	28.8	179	36.9	300,280	27.4	21,311	37.0	6,539	59.7	80	28.5
Employment activities	6	0.7	6	1.2	57,600	5.2	7,488	13.0	0	0.0	2	0.7
Travel agency, tour operator, reservation service and related activities	21	2.3	15	3.1	67,340	6.1	2,050	3.6	200	1.8	5	1.8
Security and investigation activities	67	7.4	62	12.8	120,328	11.0	11,084	19.2	1,000	9.1	4	1.4
Services to buildings and landscape activities	85	9.3	32	6.6	86,370	7.9	5,625	9.8	0	0.0	28	10.0
Office administrative, office support and other business support activities	470	51.6	191	39.4	465,375	42.4	10,100	17.5	3,208	29.3	162	57.7
Education	39,817	100.0	37,666	100.0	122,577,020	100.0	9,326,395	100.0	1,848,179	100.0	1,805	100.0
Education	39,817	100.0	37,666	100.0	122,577,020	100.0	9,326,395	100.0	1,848,179	100.0	1,805	100.0
Human health and social work activities	6,525	100.0	5,529	100.0	77,388,430	100.0	174,080,247	100.0	529,569	100.0	256	100.0
Human health activities	6,224	95.4	5,342	96.6	76,329,103	98.6	174,066,492	100.0	529,386	100.0	233	91.0
Residential care activities	203	3.1	146	2.6	899,769	1.2	0	0.0	0	0.0	14	5.5
Social work activities without accommodation	98	1.5	41	0.7	159,558	0.2	13,755	0.0	183	0.0	9	3.5
Arts, entertainment and recreation	1,510	100.0	1,112	100.0	2,457,867	100.0	57,646	100.0	10,559	100.0	326	100.0
Creative, arts and entertainment activities	442	29.3	388	34.9	174,654	7.1	12,812	22.2	1,974	18.7	32	9.8
Libraries, archives, museums and other cultural activities	30	2.0	18	1.6	98,943	4.0	8,089	14.0	0	0.0	4	1.2
Gambling and betting activities	836	55.4	607	54.6	1,778,993	72.4	7,398	12.8	7,745	73.3	247	75.8
Sports activities and amusement and recreation activities	202	13.4	99	8.9	405,276	16.5	29,347	50.9	840	8.0	43	13.2
Other service activities	50,124	100.0	8,906	100.0	27,696,679	100.0	881,451	100.0	29,567	100.0	9,165	100.0
Activities of membership organizations	29,347	58.5	5,833	65.5	22,806,789	82.3	848,575	96.3	23,975	81.1	4,025	43.9
Repair of computers and personal and household goods	3,482	6.9	925	10.4	1,680,881	6.1	0	0.0	1,880	6.4	794	8.7
Other personal service activities	17,294	34.5	2,149	24.1	3,209,008	11.6	32,875	3.7	3,712	12.6	4,346	47.4

5.8.8 Compensation of Employees in the Service sector in Northern Region

Table 5.21 shows the share of the activity groups in the various sub-sectors of the Service sector in the Northern region. For the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, the retail trade, except of motor vehicles and motorcycles activity group has the highest share of wages and salaries (70.9%) and contributes more than three-quarters (77.5%) of other supplements to wages and salaries. This activity group also engages the highest proportion of employees (69.1%), persons engaged (69.6%) and proportion of establishments (82.0%). The wholesale trade, except of motor vehicles and motorcycles recorded the highest share of social security contributions (41.0%). Those engaged in wholesale trade, except of motor vehicles and motorcycles recorded the lowest share for the number of persons engaged (6.2%), number of persons employed (12.8%) and 5.4 percent of the total number of establishments in the sub-sector. Establishments in the wholesale and retail trade and repair of motor vehicles and motorcycles activity group contributed the least to compensations.

Within the Transportation and storage sub-sector, the land transport and transport via pipelines activity group employs the highest proportion (39.4%) of the workforce and contributes more than half (58.4%) to wages and salaries. Establishments engaged in warehousing and support activities for transportation group engaged the highest proportion (47.2%) of the workforce and more than half (53.8%) of the total number of establishments. With regard to social security contributions, establishments in the postal and courier activities group contributed the highest share (70.1%) and also contributed 86.0 percent to other supplements to wages and salaries. On the other hand, the warehousing and support activities for transportation group has the lowest share of number of employees and wages and salaries, with no contribution to social security.

In the case of the Accommodation and food service activities sub-sector, the food and beverage service activities group has the largest share in the following: number of persons engaged (88.8 %); number employed (87.8%); wages and salaries (86.9%); other supplements to wages and salaries (93.0%) and has 90.6 percent of the total number of establishments in the sub-sector. The accommodation activities group recorded the highest share of social security contributions, with 92.0 percent.

Table 5.21 further reveals that within the Information and communication sub-sector, the programming and broadcasting activities group has the highest share of the number of persons engaged (42.4%) and the total number of persons employed (48.2%). The activity group also contributed the highest share to social security (88.5%) and 47.3 percent to other supplements to wages and salaries. Establishments engaging in telecommunication activities contributed the highest share (87.0%) in relation to wages and salaries and has more than half (52.4%) of the number of establishments. Establishments engaged in information service activities contributed the least share to wages and salaries (0.4%) and employs the least proportion (1.2%) of persons engaged in the sub-sector.

Within the Financial and insurance sub-sector, the financial service activities, except insurance and pension funding activity group has the highest share in compensations paid: wages and salaries (78.5%); social security contributions (99.0%) and almost all other supplements to wages and salaries. Again, the share of the activity group is highest in the number of employees (91.1%), number of persons engaged (90.9%) and the total number of establishments in the sub-sector (87.1%). Establishments engaging in activities auxiliary to financial service and insurance activities contribute the least share of compensation and engage the lowest proportion of persons in the sub-sector.

Table 5.21 further shows that within the Professional, scientific and technical activities sub-sector, other professional, scientific and technical group, has the highest share in the number of persons engaged (62.1%), number of employees (53.6%) and 80.3 percent of the number of establishments. Those into veterinary services activity group paid the highest share of wages and salaries (35.9%), 77.2 percent of social security contributions and also 69.2 percent of other supplements to wages and salaries. The activity group with the lowest share in all the categories is those engaged in architectural and engineering activities; technical testing and analysis has the lowest share in the number of persons engaged (0.5%) while advertising and market research activity groups paid the lowest wages and salaries.

The administrative and support service activities sub sector has establishments involved in office support and other business support activities contributing the highest share in the number of persons engaged (73.6%), number employed (57.7%), other supplements to wages and salaries (34.3%) and has 77.4 percent of the total number of establishments. Those engaged in the employment activities group have the highest share in wages and salaries (36.5%) and also contributed 58.2 percent to social security contributions (Table 5.30).

The human health activities group of the Human health and social work sub-sector employs nine out of ten employees (89.9%) and persons engaged (90.0%) in the sub-sector. The activity group also has the highest share of its contribution to wages and salaries (70.0%), social security contributions (67.6%) and other supplements to wages and salaries (83.8%). The social work activities without accommodation group has about eight percent of persons engaged (7.9) and those employed (8.1%). Majority (86.7%) of establishments in the sub-sector are engaged in human health activities. The residential care group contributes the lowest proportion to compensation.

Within the Arts, entertainment and recreation sub-sector, the gambling and betting activities group has the highest share in the following areas; 51.9 percent of the number of persons engaged; 53.2 percent of persons employed; contributes 60.3 percent to wages and salaries paid, and has 67.0 percent of the total number of establishments. The libraries, archives, museums and other cultural activities group contributes 95.5 percent of social security contributions and 73.1 percent to other supplements to

wages and salaries. The activity group with the lowest share in the sub-sector is the creative, arts and entertainment activities group.

Table 5.21 further shows that within the other services sub-sector, establishments engaged in activities of membership organizations has the highest share in all item categories; number of persons engaged (78.9%); number of persons employed (73.8%); contribution to wages and salaries (91.4%), social security (99.8%) and other supplements to wages and salaries (81.6%). It also has the highest share in the number of establishments in the sub sector (67.4%). Establishments engaged in the repair of computers and personal and household goods have the lowest share in all the categories in the sub-sector in the Northern region.

Table 5.21: Compensation of Employees in the Service sector - Northern Region

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - NORTHERN	186,342		66,897		255,586,488		30,968,973		5,107,966		36,017	
Wholesale and retail trade; repair of motor vehicles and motorcycles	58,195	100.0	19,750	100.0	58,775,342	100.0	1,264,297	100.0	1,263,587	100.0	16,274	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	14,055	24.2	3,562	18.0	7,665,892	13.0	329,042	26.0	106,968	8.5	2,047	12.6
Wholesale trade, except of motor vehicles and motorcycles	3,617	6.2	2,536	12.8	9,425,679	16.0	517,826	41.0	177,250	14.0	875	5.4
Retail trade, except of motor vehicles and motorcycles	40,523	69.6	13,652	69.1	41,683,771	70.9	417,430	33.0	979,369	77.5	13,352	82.0
Transportation and storage	411	100.0	274	100.0	488,827	100.0	38,983	100.0	9,974	100.0	52	100.0
Land transport and transport via pipelines	118	28.7	108	39.4	285,588	58.4	11,657	29.9	894	9.0	17	32.7
Water transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Air transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Warehousing and support activities for transportation	194	47.2	71	25.9	99,339	20.3	0	0.0	500	5.0	28	53.8
Postal and courier activities	98	23.8	94	34.3	103,900	21.3	27,326	70.1	8,580	86.0	7	13.5
Accommodation and food service activities	11,107	100.0	7,125	100.0	15,384,867	100.0	200,628	100.0	492,798	100.0	2,114	100.0
Accommodation	1,247	11.2	866	12.2	2,012,643	13.1	184,604	92.0	34,595	7.0	199	9.4
Food and beverage service activities	9,860	88.8	6,259	87.8	13,372,225	86.9	16,024	8.0	458,203	93.0	1,916	90.6
Information and communication	694	100.0	473	100.0	6,430,226	100.0	73,556	100.0	26,667	100.0	126	100.0
Publishing activities	74	10.7	36	7.6	80,400	1.3	0	0.0	300	1.1	11	8.7
Motion picture, video and television programme production, sound recording	28	4.0	19	4.0	21,572	0.3	0	0.0	654	2.5	10	7.9
Programming and broadcasting activities	294	42.4	228	48.2	686,338	10.7	65,123	88.5	12,612	47.3	24	19.0
Telecommunications	253	36.5	164	34.7	5,596,519	87.0	8,433	11.5	8,523	32.0	66	52.4
Computer programming, consultancy and related activities	37	5.3	19	4.0	21,797	0.3	0	0.0	3,397	12.7	12	9.5
Information service activities	8	1.2	8	1.7	23,600	0.4	0	0.0	1,180	4.4	4	3.2
Financial and insurance activities	2,550	100.0	2,248	100.0	21,853,623	100.0	3,142,452	100.0	1,492,343	100.0	194	100.0
Financial service activities, except insurance and pension funding	2,317	90.9	2,049	91.1	17,157,164	78.5	3,110,799	99.0	1,487,251	99.7	169	87.1
Insurance, reinsurance and pension funding, except compulsory social security	152	6.0	119	5.3	4,461,989	20.4	14,036	0.4	5,092	0.3	16	8.2
Activities auxiliary to financial service and insurance activities	81	3.2	81	3.6	234,470	1.1	17,618	0.6	0	0.0	9	4.6
Real estate activities	21	100.0	15	100.0	38,690	100.0	4,082	0.1	5,000	0.3	4	100.0
Real estate activities	21	100.0	15	100.0	38,690	100.0	4,082	0.1	5,000	0.3	4	100.0

Table 5.21: Compensation of Employees in the Service sector- Northern Region (cont'd)

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - NORTHERN	186,342		66,897		255,586,488		30,968,973		5,107,966		36,017	
Professional, scientific and technical activities	853	100.0	548	100.0	2,685,085	100.0	296,964	100.0	35,152	100.0	142	100.0
Legal and accounting activities	77	9.0	54	9.9	735,496	27.4	51,942	17.5	100	0.3	9	6.3
Activities of head offices; management consultancy activities	43	5.0	34	6.2	66,136	2.5	3,330	1.1	0	0.0	8	5.6
Architectural and engineering activities; technical testing and analysis	4	0.5	3	0.5	18,000	0.7	2,340	0.8	0	0.0	1	0.7
Scientific research and development	43	5.0	31	5.7	75,500	2.8	9,671	3.3	0	0.0	2	1.4
Advertising and market research	12	1.4	3	0.5	4,080	0.2	486	0.2	0	0.0	3	2.1
Other professional, scientific and technical activities	530	62.1	294	53.6	821,983	30.6	0	0.0	10,733	30.5	114	80.3
Veterinary activities	144	16.9	129	23.5	963,889	35.9	229,195	77.2	24,319	69.2	6	4.2
Administrative and support service activities	723	100.0	307	100.0	592,151	100.0	12,103	100.0	23,289	100.0	212	100.0
Rental and leasing activities	100	13.8	62	20.2	121,124	20.5	0	0.0	2,020	8.7	33	15.6
Employment activities	46	6.4	37	12.1	215,869	36.5	7,045	58.2	6,640	28.5	5	2.4
Travel agency, tour operator, reservation service and related activities	46	6.4	32	10.4	74,306	12.5	5,058	41.8	6,634	28.5	10	4.7
Security and investigation activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Services to buildings and landscape activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Office administrative, office support and other business support activities	532	73.6	177	57.7	180,853	30.5	0	0.0	7,995	34.3	164	77.4
Education	11,865	100.0	10,454	100.0	47,459,663	100.0	6,495,125	100.0	498,700	100.0	906	100.0
Education	11,865	100.0	10,454	100.0	47,459,663	100.0	6,495,125	100.0	498,700	100.0	906	100.0
Human health and social work activities	2,811	100.0	2,541	100.0	24,623,331	100.0	3,003,876	100.0	142,118	100.0	173	100.0
Human health activities	2,530	90.0	2,285	89.9	17,236,811	70.0	2,030,205	67.6	118,493	83.4	150	86.7
Residential care activities	58	2.1	50	2.0	325,587	1.3	42,647	1.4	5,250	3.7	4	2.3
Social work activities without accommodation	223	7.9	206	8.1	7,060,933	28.7	931,025	31.0	18,375	12.9	19	11.0
Arts, entertainment and recreation	260	100.0	171	100.0	566,418	100.0	13,838	100.0	9,772	100.0	91	100.0
Creative, arts and entertainment activities	25	9.6	9	5.3	10,084	1.8	0	0.0	0	0.0	9	9.9
Libraries, archives, museums and other cultural activities	35	13.5	30	17.5	193,650	34.2	13,214	95.5	7,140	73.1	4	4.4
Gambling and betting activities	135	51.9	91	53.2	341,488	60.3	624	4.5	360	3.7	61	67.0
Sports activities and amusement and recreation activities	64	24.6	41	24.0	21,196	3.7	0	0.0	2,272	23.3	18	19.8
Other service activities	45,332	100.0	7,869	100.0	37,489,720	100.0	3,752,099	100.0	163,410	100.0	7,083	100.0
Activities of membership organizations	35,783	78.9	5,808	73.8	34,247,223	91.4	3,743,213	99.8	133,415	81.6	4,777	67.4
Repair of computers and personal and household goods	1,637	3.6	387	4.9	496,755	1.3	6,061	0.2	446	0.3	412	5.8
Other personal service activities	7,912	17.5	1,674	21.3	2,745,742	7.3	2,824	0.1	29,549	18.1	1,893	26.7

5.8.9 Compensation of Employees in the Service sector in Upper East

Table 5.22 presents information on levels of compensation by activity groups in the various sub-sectors of the Service sector in the Upper East region. For the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, establishments engaged in the retail trade, except of motor vehicles and motorcycles activity group has the highest share of compensation paid: wages and salaries (53.7%); social security contributions (84.8%) and other supplements to wages and salaries (91.8%). This group also engages the largest proportion of employees (68.4%), three-quarters (75.5%) of the number of persons engaged and also has the largest proportion of establishments (81.2%). On the other hand, establishments in the wholesale and retail trade and repair of motor vehicles and motorcycles activity group has the lowest share of persons employed (15.6%), wages and salaries (12.9%), and less than one percent contribution to social security. Those engaged in wholesale trade, except of motor vehicles and motorcycles recorded the lowest share of the number of persons engaged (8.4%), and contributed 15.6 percent to other supplements to wages and salaries and has 7.7 percent of the total number of establishments in the sub-sector.

Within the Transportation and storage sub-sector, the land transport and transport via pipelines activity group has the highest proportion of employed persons (70.0%) and engages 68.3 percent of the total workforce. Establishments engaged in warehousing and support activities for transportation group contributed the highest proportion to wages and salaries (93.6%) also has more than half (55.6%) of the total number of establishments. Regarding social security contributions, establishments in postal and courier activity group paid the highest share of 56.2 percent. No activity group reported payment of other supplements to wages and salaries.

For the Accommodation and food service activities sub-sector, the food and beverage service activities group has the largest share in the following: number of persons engaged (93.7 %); number employed (89.4%); wages and salaries (90.3%), all the other supplements to wages and salaries as well as 95.6 percent of the total number of establishments in the sub-sector. The accommodation activities group recorded the highest share of social security contributions with 81.3 percent.

Table 5.22 also shows that the Information and communication sub-sector has the programming and broadcasting activity group recording the highest proportion of persons engaged (45.0%), and 58.1 percent of the total number of persons employed. The group also contributed the highest share to social security (95.8%) and other supplement to wages and salaries with 56.2 percent. Establishments engaging in telecommunication activities contributed the highest share of 80.2 percent to wages and salaries while those engaged in motion picture, video and television programme production, and sound recording activities have the highest share of the total number of establishments in the sub-sector (36.8%).

Within the Financial and insurance sub-sector, the financial service activities, except insurance and pension funding activity group has the highest share in compensations paid: wages and salaries (49.0%), social security contributions (99.4%) and almost all the other supplements to wages and salaries. Again, its share in the sub-sector was highest for the number of employees (75.0%), number of persons engaged (76.4%) and the total number of establishments (87.1%). Establishments engaging in activities auxiliary to financial service and insurance activity group contributed the least to compensation and also employed the lowest proportion of the workforce in the sub-sector.

Table 5.22 further shows that within the Professional, scientific and technical activities sub-sector, other professional, scientific and technical activities group has the highest share in the number of persons engaged (74.6%), number of employees (70.2%) and number of establishments (85.3%). The group is also responsible for all the other supplements to wages and salaries. Establishments in the head offices and management consultancy activities group contributed the highest share to of wages and salaries (36.0%) while those engaged in architectural and engineering activities; technical testing and analysis paid nearly half of the social security contributions (49.8%). The advertising and market research group engages the lowest proportion of the workforce as well as employed persons.

The Administrative and support service activities sub-sector has the office administration, office support and other business support activity group has the highest contribution to compensation: wages and salaries (64.0%); social security contributions (48.9%) and all the other supplements to wages and salaries. The group also recorded the highest share in the number of persons engaged (64.6%), number employed (45.3%), and has 69.9 percent of the total number of establishments in the sub sector.

Within the Human health and social work sub-sector the human health activities group employs more than nine out ten (91.8%) persons in the sub-sector. The group also engages the highest proportion of the workforce (90.2%) and contributes the highest proportion to wages and salaries (87.9%), social security contributions (79.6%) and other supplements to wages and salaries (61.6%). The residential care activities group contributes the lowest proportion to compensation.

The Arts, entertainment and recreation sub-sector has the gambling and betting activities group contributing the highest share of the number of persons engaged (61.6%), persons employed (56.5%), wages and salaries paid (58.8%), and has more than three-quarters (77.6%) of the total number of establishments. The libraries, archives, museums and other cultural activities group paid all the social security contributions within the sub-sector. The sports activities and amusement and recreation activity group contributed the lowest share to the sub-sector.

Table 5.22 further shows that establishments engaged in activities of membership organizations has the highest share in the following areas: number of persons engaged (72.7%), number of persons employed (53.7%), half (50.9%) of wages and salaries and 93.6 percent of social security contributions. The group also contributed two-thirds (66.7%) to the other supplements to wages and salaries. Establishments engaged in other personal service activities has the highest number but contributed the lowest share to compensation in the sub-sector in the Upper East region.

Table 5.22: Compensation of Employees in the Service sector - Upper East Region

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - UPPER EAST	84,696		25,709		108,001,569		4,211,593		1,365,659		14,238	
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,604	100.0	4,919	100.0	9,903,205	100.0	358,724	100.0	252,226	100.0	5,037	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,834	16.1	767	15.6	1,279,855	12.9	3,240	0.9	20,160	8.0	562	11.2
Wholesale trade, except of motor vehicles and motorcycles	1,484	8.4	790	16.1	3,308,245	33.4	51,426	14.3	600	0.2	387	7.7
Retail trade, except of motor vehicles and motorcycles	13,286	75.5	3,363	68.4	5,315,105	53.7	304,058	84.8	231,466	91.8	4,089	81.2
Transportation and storage	663	100.0	487	100.0	3,659,335	100.0	16,956	100.0	0	0.0	72	100.0
Land transport and transport via pipelines	423	63.8	341	70.0	206,626	5.6	324	1.9	0	0.0	28	38.9
Water transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Air transport	3	0.5	3	0.6	21,600	0.6	0	0.0	0	0.0	1	1.4
Warehousing and support activities for transportation	234	35.3	140	28.7	3,425,749	93.6	7,097	41.9	0	0.0	40	55.6
Postal and courier activities	3	0.5	3	0.6	5,360	0.1	9,535	56.2	0	0.0	3	4.2
Accommodation and food service activities	5,947	100.0	2,843	100.0	4,747,380	100.0	34,662	100.0	33,327	100.0	1,494	100.0
Accommodation	376	6.3	301	10.6	459,620	9.7	28,181	81.3	0	0.0	66	4.4
Food and beverage service activities	5,571	93.7	2,541	89.4	4,287,760	90.3	6,481	18.7	33,327	100.0	1,429	95.6
Information and communication	427	100.0	260	100.0	3,719,112	100.0	24,732	100.0	3,628	100.0	38	100.0
Publishing activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Motion picture, video and television programme production, sound recording	80	18.7	31	11.9	440,797	11.9	0	0.0	0	0.0	14	36.8
Programming and broadcasting activities	192	45.0	151	58.1	255,702	6.9	23,703	95.8	2,040	56.2	7	18.4
Telecommunications	124	29.0	53	20.4	2,981,101	80.2	187	0.8	1,588	43.8	11	28.9
Computer programming, consultancy and related activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Information service activities	31	7.3	26	10.0	41,511	1.1	842	3.4	0	0.0	6	15.8
Financial and insurance activities	1,589	100.0	1,422	100.0	11,493,070	100.0	975,033	100.0	473,682	100.0	115	100.0
Financial service activities, except insurance and pension funding	1,214	76.4	1,067	75.0	5,634,489	49.0	949,268	97.4	473,382	99.9	100	87.0
Insurance, reinsurance and pension funding, except compulsory social security	83	5.2	70	4.9	2,538,877	22.1	0	0.0	0	0.0	6	5.2
Activities auxiliary to financial service and insurance activities	292	18.4	285	20.0	3,319,704	28.9	25,765	2.6	300	0.1	9	7.8
Real estate activities	3	100.0	3	100.0	214,462	100.0	0	0.0	0	0.0	1	100.0
Real estate activities	3	100.0	3	100.0	214,462	100.0	0	0.0	0	0.0	1	100.0

Table 5.22: Compensation of Employees in the Service sector - Upper East Region (cont'd)

ISIC Group-Service	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - UPPER EAST	84,696		25,709		108,001,569		4,211,593		1,365,659		14,238	
Professional, scientific and technical activities	426	100.0	289	100.0	1,598,216	100.0	70,877	100.0	220	100.0	68	100.0
Legal and accounting activities	20	4.7	18	6.2	153,479	9.6	1,875	2.6	0	0.0	2	2.9
Activities of head offices; management consultancy activities	19	4.5	17	5.9	574,589	36.0	7,910	11.2	0	0.0	2	2.9
Architectural and engineering activities; technical testing and analysis	45	10.6	41	14.2	310,934	19.5	35,306	49.8	0	0.0	3	4.4
Scientific research and development	8	1.9	7	2.4	104,300	6.5	0	0.0	0	0.0	2	2.9
Advertising and market research	16	3.8	3	1.0	21,600	1.4	0	0.0	0	0.0	1	1.5
Other professional, scientific and technical activities	318	74.6	203	70.2	433,313	27.1	25,786	36.4	220	100.0	58	85.3
Veterinary activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Administrative and support service activities	602	100.0	300	100.0	280,216	100.0	6,852	100.0	1,860	100.0	136	100.0
Rental and leasing activities	93	15.4	63	21.0	46,086	16.4	0	0.0	0	0.0	16	11.8
Employment activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Travel agency, tour operator, reservation service and related activities	21	3.5	2	0.7	3,600	1.3	444	6.5	0	0.0	4	2.9
Security and investigation activities	19	3.2	18	6.0	24,588	8.8	3,060	44.7	0	0.0	1	0.7
Services to buildings and landscape activities	81	13.5	81	27.0	26,633	9.5	0	0.0	0	0.0	20	14.7
Office administrative, office support and other business support activities	389	64.6	136	45.3	179,309	64.0	3,348	48.9	1,860	100.0	95	69.9
Education	6,952	100.0	5,897	100.0	31,422,437	100.0	604,350	100.0	52,015	100.0	471	100.0
Education	6,952	100.0	5,897	100.0	31,422,437	100.0	604,350	100.0	52,015	100.0	471	100.0
Human health and social work activities	2,963	100.0	2,723	100.0	22,010,710	100.0	1,445,904	100.0	270,557	100.0	162	100.0
Human health activities	2,674	90.2	2,499	91.8	19,353,655	87.9	1,150,527	79.6	166,690	61.6	148	91.4
Residential care activities	19	0.6	16	0.6	16,853	0.1	7,249	0.5	0	0.0	2	1.2
Social work activities without accommodation	270	9.1	208	7.6	2,640,202	12.0	288,128	19.9	103,867	38.4	12	7.4
Arts, entertainment and recreation	198	100.0	92	100.0	357,932	100.0	3,139	100.0	0	0.0	67	100.0
Creative, arts and entertainment activities	37	18.7	21	22.8	103,540	28.9	0	0.0	0	0.0	7	10.4
Libraries, archives, museums and other cultural activities	26	13.1	13	14.1	27,133	7.6	3,139	100.0	0	0.0	4	6.0
Gambling and betting activities	122	61.6	52	56.5	210,459	58.8	0	0.0	0	0.0	52	77.6
Sports activities and amusement and recreation activities	13	6.6	6	6.5	16,800	4.7	0	0.0	0	0.0	4	6.0
Other service activities	25,713	100.0	2,199	100.0	7,509,785	100.0	367,502	100.0	84,203	100.0	2,775	100.0
Activities of membership organizations	18,698	72.7	1,180	53.7	3,820,064	50.9	343,944	93.6	27,720	32.9	1,083	39.0
Repair of computers and personal and household goods	2,084	8.1	535	24.3	2,801,617	37.3	22,238	6.1	360	0.4	426	15.4
Other personal service activities	4,931	19.2	484	22.0	888,105	11.8	1,320	0.4	56,123	66.7	1,265	45.6

5.8.10 Compensation of Employees in the Service sector in Upper West Region

Table 5.23 shows the share of the activity groups in the various sub-sectors in the Service sector in the Upper West region. For the wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, the retail trade, except of motor vehicles and motorcycles activity group had the highest share of all compensation paid: wages and salaries (66.7%), social security contributions (57.7%), and 95.6 percent of other supplements to wages and salaries. The group also engaged the highest number of persons (73.5%), the number employed (71.0%) and the number of establishments (86%). Those engaged in wholesale trade, except of motor vehicles and motorcycles recorded the lowest share of compensations.

Within the Transportation and storage sub-sector, the land transport and transport via pipelines activity group is the main contributor to the sub-sector. The activity group has the highest share of compensations: wages and salaries (71.7%), social security contributions (96.5%). The group also has the highest share of number of persons engaged (94.7%), number employed (93.7%) and about eight out of every ten establishments in the sub-sector. No activity group in the sub-sector paid other supplements to wages and salaries to its workers in the region.

For the Accommodation and food service activities sub-sector, the food and beverage service activities group has the highest share of wages and salaries (69.9%) followed by the accommodation activities group (30.1%). On the other hand, the accommodation activities group recorded the highest share for other supplements to wages and salaries and social security contributions, contributing 90.1 percent and 70.3 percent respectively. Again, the food and beverage activities group engages the highest proportion of the workforce (89.6%), persons employed (68.4%) and has 93.7 percent of the total number of establishments in the sub-sector.

The Table further shows that within the Information and communication sub-sector, the information service activity group employs more than half (50.3%) of the total number of employees, engages 45.5 percent of the workforce and about one-third (35.5%) of the number of establishments in the sub-sector in the region. The programming and broadcasting activity group contributed the highest share to wages and salaries (79.4%) and all the social security contributions. The telecommunication activities group paid all the other supplements to wages and salaries while establishments engaging in motion pictures, video and television production, sound recording paid the lowest proportion of compensation.

Within the Financial and insurance sub-sector, the financial service activities, except insurance and pension funding activity group has the highest share in compensations paid: wages and salaries (86.2%), social security contributions (99.7%) and all the other supplements to wages and salaries. Again, its share of the sub-sector was also highest in the number of persons engaged (89.6%), number of employees (90.3%) and the number of establishments (85.1%). Establishments engaging in

activities auxiliary to financial service and insurance activity group have the lowest share of compensation and persons engaged.

In the professional, scientific and technical activities sub-sector, establishments engaging in other professional, scientific and technical activities group has the largest share in the number of persons engaged (55.1%), number of employees (54.1%) and number of establishments (67.9%). Those engaged in architectural and engineering activities; technical testing and analysis activity group has the highest proportion of wages and salaries (41.7%) and also paid almost half (49.7%) of social security contributions. None of the activity groups in the sub-sector paid other supplements to wages and salaries.

Table 5.23 also shows that within the Administrative and support service activities sub-sector, establishments involved in security and investigation activities employs more than half (52.6%) of the total number of employees followed by those engaged in office administration, office support and other business support activities with 45.9 percent. Also, the security and investigation activities group contributed the highest proportion to wages and salaries (48.1%) and almost three-quarters (74.1%) of social security contributions. Those into office administration, office support and other business support activities has the highest share in the number of persons engaged (56.8%) and number of establishments (84.3%).

Within the Arts, entertainment and recreation sub-sector, the gambling and betting activities group has the highest share in the number of persons engaged (49.3%), and 51.1 percent of persons employed. The group also has three-quarters (75.0%) of the number of establishments in the sub-sector. Those into libraries, archives, museums and other cultural activities have the highest proportion in wages and salaries, with 63.5 percent. The creative arts and entertainment activity group employs the least number of employees and engages the lowest number of persons.

The Table 5.23 further shows that within the other service activities sub-sector, establishments engaging in other personal service activities has the highest share in the number of persons engaged (49.3%), number employed (58.3%) and wages and salaries (59.8%). Establishments engaged in activities of membership organizations paid the highest share (96.6%) to social security contributions with the rest being contributed by those involved in repair of computers and personal and household goods with 3.4 percent. Establishments engaging in repair of computers and personal and household goods paid the highest proportion of other supplements to wages and salaries (98.5%) and had almost half (49.1%) percent of total number of establishments in the sub-sector.

Table 5.23: Compensation of Employees in the Services sector- Upper West Region

Sector	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
ALL SECTORS - UPPER WEST	50,514		15,002		77,833,240		4,129,360		507,884		12,561	
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,707	100.0	3,655	100.0	8,172,696	100.0	197,491	100.0	17,891	100.0	6,263	100.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	4,173	23.6	755	20.7	1,745,017	21.4	12,236	6.2	285	1.6	753	12.0
Wholesale trade, except of motor vehicles and motorcycles	518	2.9	305	8.3	980,095	12.0	71,365	36.1	500	2.8	124	2.0
Retail trade, except of motor vehicles and motorcycles	13,015	73.5	2,595	71.0	5,447,585	66.7	113,890	57.7	17,106	95.6	5,385	86.0
Transportation and storage	472	100.0	364	100.0	1,943,261	100.0	153,643	100.0	0	0.0	42	100.0
Land transport and transport via pipelines	447	94.7	341	93.7	1,393,405	71.7	148,228	96.5	0	0.0	34	81.0
Water transport	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Air transport	9	1.9	9	2.5	33,472	1.7	3,525	2.3	0	0.0	2	4.8
Warehousing and support activities for transportation	6	1.3	4	1.1	29,600	1.5	0	0.0	0	0.0	2	4.8
Postal and courier activities	10	2.1	10	2.7	486,784	25.0	1,890	1.2	0	0.0	4	9.5
Accommodation and food service activities	3,433	100.0	1,053	100.0	2,059,210	100.0	99,871	100.0	8,404	100.0	1,025	100.0
Accommodation	358	10.4	334	31.7	619,148	30.1	89,949	90.1	5,904	70.3	65	6.3
Food and beverage service activities	3,075	89.6	720	68.4	1,440,062	69.9	9,922	9.9	2,500	29.7	960	93.7
Information and communication	382	100.0	326	100.0	603,274	100.0	6,119	100.0	92	100.0	31	100.0
Publishing activities	8	2.1	5	1.5	28,250	4.7	0	0.0	0	0.0	3	9.7
Motion picture, video and television programme production, sound recording	32	8.4	29	8.9	21,800	3.6	0	0.0	0	0.0	2	6.5
Programming and broadcasting activities	130	34.0	109	33.4	479,287	79.4	6,119	100.0	0	0.0	6	19.4
Telecommunications	39	10.2	19	5.8	20,426	3.4	0	0.0	92	100.0	9	29.0
Computer programming, consultancy and related activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Information service activities	174	45.5	164	50.3	53,511	8.9	0	0.0	0	0.0	11	35.5
Financial and insurance activities	663	100.0	585	100.0	11,914,218	100.0	510,314	100.0	134,101	100.0	50	100.0
Financial service activities, except insurance and pension funding	594	89.6	528	90.3	10,268,123	86.2	508,934	99.7	134,101	100.0	45	90.0
Insurance, reinsurance and pension funding, except compulsory social security	69	10.4	57	9.7	1,646,095	13.8	1,380	0.3	0	0.0	5	10.0
Activities auxiliary to financial service and insurance activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Professional, scientific and technical activities	274	100.0	209	100.0	2,365,358	100.0	113,852	100.0	0	0.0	28	100.0
Legal and accounting activities	13	4.7	10	4.8	76,870	3.2	13,095	11.5	0	0.0	2	7.1
Activities of head offices; management consultancy activities	23	8.4	20	9.6	549,319	23.2	977	0.9	0	0.0	2	7.1
Architectural and engineering activities; technical testing and analysis	87	31.8	66	31.6	985,830	41.7	56,600	49.7	0	0.0	5	17.9
Scientific research and development	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Advertising and market research	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other professional, scientific and technical activities	151	55.1	113	54.1	753,339	31.8	43,180	37.9	0	0.0	19	67.9
Veterinary activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Table 5.23: Compensation of Employees in the Service sector - Upper West Region (cont'd)

Sector	Number of Persons Engaged		Number of Employees		Wages and Salaries (CASH AND IN-KIND) (GH¢)		Social Security (GH¢)		Other Supplement to wages and salaries (GH¢)		Number of Establishments	
	N	%	N	%	N	%	N	%	N	%	N	%
	ALL SECTORS - UPPER WEST	50,514		15,002		77,833,240		4,129,360		507,884		12,561
Administrative and support service activities	461	100.0	321	100.0	676,344	100.0	47,349	100.0	0	0.0	83	100.0
Rental and leasing activities	28	6.1	12	3.7	41,000	6.1	0	0.0	0	0.0	10	12.0
Employment activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Travel agency, tour operator, reservation service and related activities	2	0.4	0	0.0	0	0.0	0	0.0	0	0.0	1	1.2
Security and investigation activities	169	36.7	169	52.6	325,080	48.1	35,065	74.1	0	0.0	2	2.4
Services to buildings and landscape activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Office administrative, office support and other business support activities	262	56.8	140	43.6	310,264	45.9	12,284	25.9	0	0.0	70	84.3
Education	2,923	100.0	2,500	100.0	14,786,672	100.0	1,386,190	100.0	314,610	100.0	291	100.0
Education	2,923	100.0	2,500	100.0	14,786,672	100.0	1,386,190	100.0	314,610	100.0	291	100.0
Human health and social work activities	1,722	100.0	1,373	100.0	20,946,228	100.0	879,585	100.0	1,536	100.0	96	100.0
Human health activities	1,434	83.3	1,157	84.3	19,778,292	94.4	755,051	85.8	1,536	100.0	79	82.3
Residential care activities	11	0.6	11	0.8	7,854	0.0	0	0.0	0	0.0	1	1.0
Social work activities without accommodation	277	16.1	205	14.9	1,160,082	5.5	124,534	14.2	0	0.0	16	16.7
Arts, entertainment and recreation	67	100.0	47	100.0	590,107	100.0	0	0.0	0	0.0	20	100.0
Creative, arts and entertainment activities	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Libraries, archives, museums and other cultural activities	27	40.3	22	46.8	374,835	63.5	0	0.0	0	0.0	2	10.0
Gambling and betting activities	33	49.3	24	51.1	214,552	36.4	0	0.0	0	0.0	15	75.0
Sports activities and amusement and recreation activities	7	10.4	1	2.1	720	0.1	0	0.0	0	0.0	3	15.0
Other service activities	7,134	100.0	619	100.0	1,082,033	100.0	22,116	100.0	1,639	100.0	1,705	100.0
Activities of membership organizations	3,191	44.7	222	35.9	319,264	29.5	21,362	96.6	24	1.5	735	43.1
Repair of computers and personal and household goods	425	6.0	37	6.0	115,309	10.7	754	3.4	1,615	98.5	132	7.7
Other personal service activities	3,518	49.3	361	58.3	647,461	59.8	0	0.0	0	0.0	838	49.1

5.9 Value of stocks at the beginning of year in the Service sector

Table 5.24 shows that the total value of stocks in the Service sector for the 2013 financial year is GH¢5,531,365,859. The Table further shows that a greater share of the value of stocks (GH¢2,353,461,882) representing 42.5 percent of stocks at the beginning of the year was with the Wholesale and retail trade: repair of motor vehicles and motor-cycles sub-sector. This is followed by the financial and insurance sub-sector with a share of GH¢1,306,970,226, representing 23.6 percent. The other sub-sectors have less than ten percent each of total opening stock. The Transport and storage, Real estate, Professional, scientific and technical, Administrative and support service, Education, Arts, entertainment and recreation and other service activities sub-sectors each recorded less than five percent.

Table 5.24 also presents information on the value of consumables and supplies in the Service sector by sub-sectors. It shows that the Financial and insurance activities sub-sector has more than half (52.3%) of the value of consumables and supplies GH¢1,222,331,560 which represents all consumables and supplies. The Human health and social work activities sub-sectors followed with a share of 16.4 percent (GH¢1,222,773,566). These two sub-sectors together had a share of about two-thirds (68.7%) with the remaining 31.3 percent shared among the other ten sub-sectors in the Service sector.

Table 5.24 further shows that in the case of goods for resale, more than three-quarters (79.2%) of the value of goods bought for resale (GH¢2,947,293,702) was with the Wholesale and retail trade: repair of motor vehicles and motorcycles sub-sector. Again, all the other eleven sub-sectors in the Service sector recorded values less than ten percent each.

Regarding other stocks not classified, establishments engaged in Financial and insurance activities recorded the highest share of 29.8 percent while those in second highest share of 28.4 Administration and support service activities recorded the percent.

Table 5.24: Value of stocks at beginning of year in the Service sector

Industry	Value (GH¢)				Percent			
	Total	Consumables and Supplies	Goods For Resale	Other Stocks	Total	Consumables and Supplies	Goods For Resale	Other Stocks
Services - National	5,531,365,859	2,338,524,139	2,947,293,702	245,548,018	100.0	100.0	100.0	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,353,461,882	20,337,529	2,333,058,310	66,043	42.5	0.9	79.2	0.0
Transportation and storage	147,157,329	116,876,806	16,291,576	13,988,947	2.7	5.0	0.6	5.7
Accommodation and food service activities	341,281,324	173,627,518	148,011,175	19,642,631	6.2	7.4	5.0	8.0
Information and communication	319,800,428	176,672,131	135,151,642	7,976,655	5.8	7.6	4.6	3.2
Financial and insurance activities	1,306,970,226	1,222,331,560	11,369,348	73,269,318	23.6	52.3	0.4	29.8
Real estate activities	139,753,182	50,743,481	51,811,224	37,198,477	2.5	2.2	1.8	15.1
Professional, scientific and technical activities	59,510,873	16,817,422	25,106,451	17,587,000	1.1	0.7	0.9	7.2
Administrative and support service activities	95,007,886	14,069,765	11,213,094	69,725,027	1.7	0.6	0.4	28.4
Education	75,733,090	55,606,875	18,066,468	2,059,747	1.4	2.4	0.6	0.8
Human health and social work activities	465,909,316	382,496,954	81,935,169	1,477,193	8.4	16.4	2.8	0.6
Arts, entertainment and recreation	2,456,279	1,629,216	711,379	115,684	0.0	0.1	0.0	0.0
Other service activities	224,324,044	107,314,881	114,567,866	2,441,297	4.1	4.6	3.9	1.0

5.10 Value of stocks at the beginning of year for the Service sector by region

Table 5.25 shows the distribution of the value of stocks in the Service sector at the beginning of the year in the ten regions of Ghana. Out of the total value of stocks in the Service sector, the Greater Accra region had the highest share of GH¢4,715,637,438, representing 85.3 percent. The Upper East region followed with a value of GH¢320,060,905, representing 5.8 percent. All the other regions except Ashanti and Brong Ahafo had proportions of less than two percent, with the Upper West region recording the least share of stocks.

Furthermore, the Greater Accra region's share of consumables and supplies is the highest with a value of GH¢1,744,154,316 (74.6%) followed by the Upper East region with a share of 13.5 percent (GH¢316,623,052). The two regions together have a share of 88.1 percent while the Upper West region recorded the least (0.1%) with value of GH¢3,039,038.

In the case of goods bought for resale, Table 5.25 shows that the Greater Accra region has the largest share of 93.5 percent (GH¢2,756,623,100) followed by the Ashanti region (2.1%). The Upper West region has the lowest proportion with less than one percent (0.1%).

The Table further shows that more than four-fifths (87.5 %) the other stocks not classified is from the Greater Accra region with the Volta region following with 6.7 percent.

Table 5.25: Value of stocks at the beginning of the year in the Service sector by Region

Region	Value (GH¢)				Percent			
	Total	Consumables and Supplies	Goods For Resale	Other Stocks	Total	Consumables and Supplies	Goods For Resale	Other Stocks
Ghana	5,531,365,859	2,338,524,139	2,947,293,702	245,548,018	100.0	100.0	100.0	100.0
Western	78,542,763	34,808,378	43,014,402	719,983	1.4	1.5	1.5	0.3
Central	30,304,456	15,433,419	14,705,132	165,905	0.5	0.7	0.5	0.1
Greater Accra	4,715,637,438	1,744,154,316	2,756,623,100	214,860,022	85.3	74.6	93.5	87.5
Volta	49,134,793	17,453,925	15,256,938	16,423,930	0.9	0.7	0.5	6.7
Eastern	53,236,823	18,961,507	33,247,500	1,027,816	1.0	0.8	1.1	0.4
Ashanti	130,053,353	67,069,687	60,518,837	2,464,829	2.4	2.9	2.1	1.0
Brong Ahafo	132,014,789	110,020,059	12,399,245	9,595,485	2.4	4.7	0.4	3.9
Northern	16,737,800	10,960,760	5,642,747	134,293	0.3	0.5	0.2	0.1
Upper East	320,060,905	316,623,052	3,301,822	136,031	5.8	13.5	0.1	0.1
Upper West	5,642,739	3,039,038	2,583,977	19,724	0.1	0.1	0.1	0.0

5.10.1 Value of stocks at the beginning of year for the Service sector in the Western Region

Figure 5.19 illustrates the distribution of stocks held by establishments in the Service sector in the Western region at the beginning of the 2013 financial year. The Figure shows that more than half (55.0%) of the GH¢78.5 million stocks are in the form of goods for resale (GH¢43.0 million). This is followed by consumables and supplies (GH¢34.8 million), constituting 44.0 percent while only one percent is in the form of other stocks (GH¢719,983).

Figure 5.19: Composition of opening stocks of Service sector in Western region

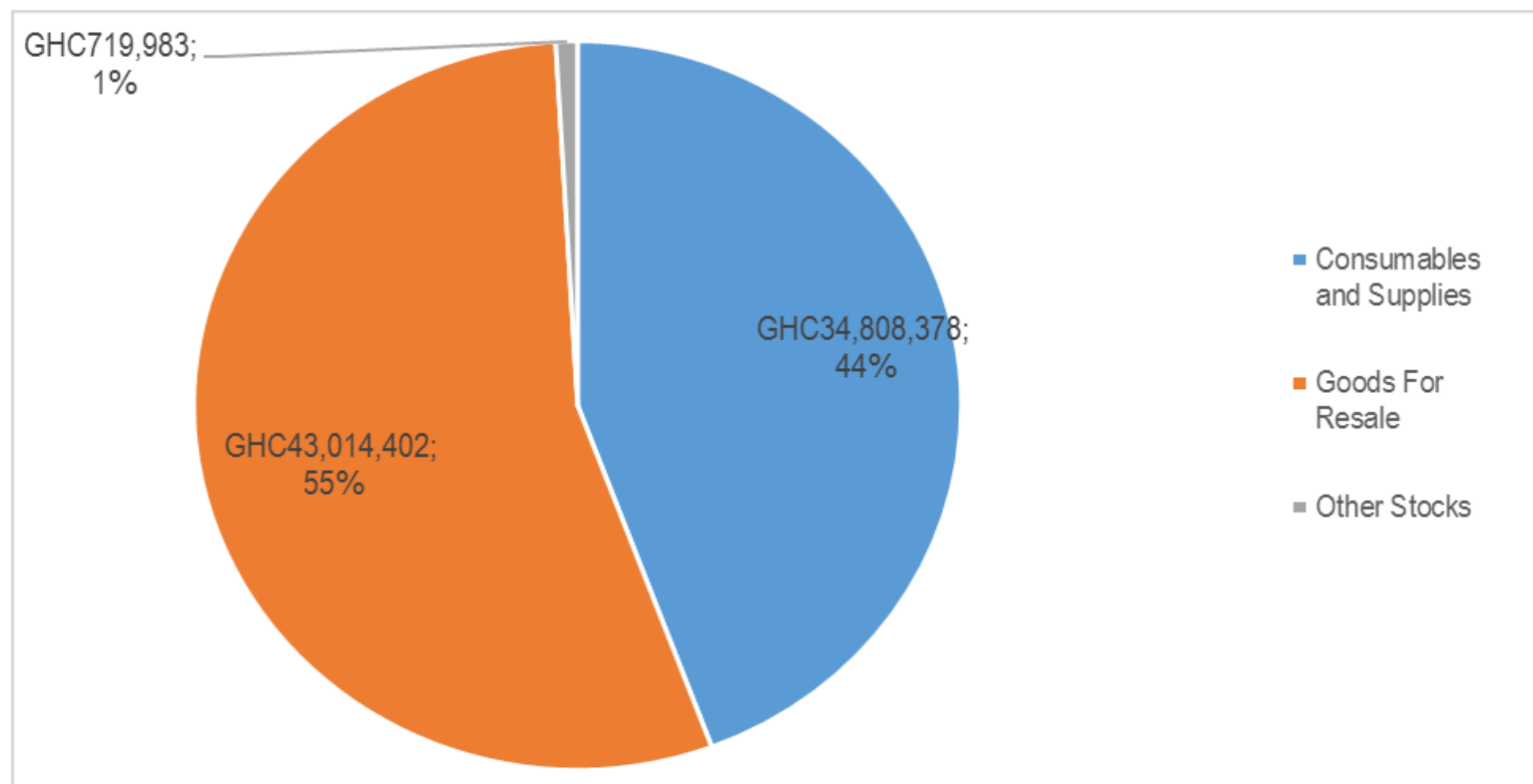


Table 5.26 shows that more than three-quarters stocks in the region is held in the Accommodation and food service activities sub-sector (GH¢31.5 million), Information and communication (GH¢12.8 million), Human health and social work activities sub-sector (GH¢9.2 million), and other service activities sub-sector (GH¢8.8 million). Each of the remaining sub-sectors has less than ten percent, with Libraries, archives, museums and other cultural activities subsector (GH¢168) having the least.

The Table further shows the distribution of GH¢34.8 million worth of consumables and supplies held by establishments in the Services sector. More than one-fifth (23.2%) are in the Accommodation activities sub-sector (GH¢8.1 million), and less than one-fifth (17.8%) is held by Financial service activities, except insurance and pension funding (GH¢6.1 million), while about one-tenth each is held by the Food and beverage service activities (GH¢5.0 million) and Human health activities (GH¢4.7

million). The Architectural and engineering activities; technical testing and analysis (GH¢2.5 million) and activities of membership organizations (GH¢2.6 million) held about seven percent each.

Similarly, the distribution of GH¢43.0 million cedis worth of goods bought for resale by establishments in the Services sector shows that the Food and beverages service activities has the largest share of 41.0 percent (GH¢17.6 million), followed by activities related to Telecommunications (GH¢12.1 million or 28.2%), Human health services (GHC4.2 million or 9.7%) and other personal service (GHC2.6 million or 6.1%). Each of the remaining activities had less than five percent share, with gambling and betting activities (GH¢400) having the least share.

Additionally, more than eighty-eight percent of the value of other stocks either belonged to establishments engaged in Land transport and transport via pipelines (42.5%), Financial service activities, except insurance and pension funding (26.9%), and Education (18.9%). Among the remaining activities, only activities related to Accommodation services (6.1%) had a share of more than five percent share; the rest had less than five percent of other stocks owned by Services sector establishments in the region.

Table 5.26: Value of stocks at beginning of the year for the Service sector - Western Region

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services - Western	78,542,763	34,808,378	43,014,402	719,983	100.0	100.0	100.0	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,146,420	110,707	1,027,093	8,620	1.5	0.3	2.4	1.2
Wholesale and retail trade and repair of motor vehicles and motorcycles	705,718	59,518	638,200	8,000	0.9	0.2	1.5	1.1
Wholesale trade, except of motor vehicles and motorcycles	191,746	0	191,746	0	0.2	0.0	0.4	0.0
Retail trade, except of motor vehicles and motorcycles	248,957	51,190	197,147	620	0.3	0.1	0.5	0.1
Transportation and storage	1,261,927	801,959	154,275	305,693	1.6	2.3	0.4	42.5
Land transport and transport via pipelines	1,000,354	694,661	0	305,693	1.3	2.0	0.0	42.5
Water transport	520	520	0	0	0.0	0.0	0.0	0.0
Air transport	0	0	0	0	0.0	0.0	0.0	0.0
Warehousing and support activities for transportation	234,488	95,773	138,715	0	0.3	0.3	0.3	0.0
Postal and courier activities	26,565	11,005	15,560	0	0.0	0.0	0.0	0.0
Accommodation and food service activities	31,454,845	13,063,135	18,345,374	46,336	40.0	37.5	42.6	6.4
Accommodation	8,816,899	8,064,115	706,448	46,336	11.2	23.2	1.6	6.4
Food and beverage service activities	22,637,946	4,999,020	17,638,926	0	28.8	14.4	41.0	0.0
Information and communication	12,838,884	242,165	12,596,719	0	16.3	0.7	29.3	0.0
Publishing activities	1,376	1,376	0	0	0.0	0.0	0.0	0.0
Motion picture, video and television programme production, sound recording	4,880	3,043	1,837	0	0.0	0.0	0.0	0.0
Programming and broadcasting activities	579,457	143,328	436,129	0	0.7	0.4	1.0	0.0
Telecommunications	12,201,185	54,574	12,146,611	0	15.5	0.2	28.2	0.0
Computer programming, consultancy and related activities	42,000	36,000	6,000	0	0.1	0.1	0.0	0.0
Information service activities	9,987	3,845	6,142	0	0.0	0.0	0.0	0.0
Financial and insurance activities	7,584,838	6,178,901	1,212,104	193,833	9.7	17.8	2.8	26.9
Financial service activities, except insurance and pension funding	6,689,601	6,104,063	391,705	193,833	8.5	17.5	0.9	26.9
Insurance, reinsurance and pension funding, except compulsory social security	212,245	63,579	148,666	0	0.3	0.2	0.3	0.0
Activities auxiliary to financial service and insurance activities	682,993	11,260	671,733	0	0.9	0.0	1.6	0.0
Real estate activities	1,027	1,027	0	0	0.0	0.0	0.0	0.0
Real estate activities	1,027	1,027	0	0	0.0	0.0	0.0	0.0
Professional, scientific and technical activities	2,817,746	2,736,845	80,842	59	3.6	7.9	0.2	0.0
Legal and accounting activities	5,355	5,355	0	0	0.0	0.0	0.0	0.0
Activities of head offices; management consultancy activities	7,417	2,417	5,000	0	0.0	0.0	0.0	0.0
Architectural and engineering activities; technical testing and analysis	2,524,393	2,516,010	8,383	0	3.2	7.2	0.0	0.0
Scientific research and development	5,690	5,690	0	0	0.0	0.0	0.0	0.0
Advertising and market research	28,000	27,400	600	0	0.0	0.1	0.0	0.0
Other professional, scientific and technical activities	241,673	179,488	62,126	59	0.3	0.5	0.1	0.0
Veterinary activities	5,219	486	4,733	0	0.0	0.0	0.0	0.0

Table 5.26: Value of stocks at beginning of the year for the Service sector - Western Region(Cont'd)

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Administrative and support service activities	756,200	685,088	71,112	0	1.0	2.0	0.2	0.0
Rental and leasing activities	246,583	232,214	14,369	0	0.3	0.7	0.0	0.0
Employment activities	14,056	14,056	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	2,240	2,240	0	0	0.0	0.0	0.0	0.0
Security and investigation activities	8,017	8,017	0	0	0.0	0.0	0.0	0.0
Services to buildings and landscape activities	350	350	0	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	484,954	428,211	56,743	0	0.6	1.2	0.1	0.0
Education	2,292,107	969,335	1,186,577	136,195	2.9	2.8	2.8	18.9
Education	2,292,107	969,335	1,186,577	136,195	2.9	2.8	2.8	18.9
Human health and social work activities	9,215,086	5,040,783	4,171,903	2,400	11.7	14.5	9.7	0.3
Human health activities	8,926,418	4,752,115	4,171,903	2,400	11.4	13.7	9.7	0.3
Residential care activities	0	0	0	0	0.0	0.0	0.0	0.0
Social work activities without accommodation	288,668	288,668	0	0	0.4	0.8	0.0	0.0
Arts, entertainment and recreation	421,001	403,003	17,777	221	0.5	1.2	0.0	0.0
Creative, arts and entertainment activities	57,626	41,626	16,000	0	0.1	0.1	0.0	0.0
Libraries, archives, museums and other cultural activities	168	168	0	0	0.0	0.0	0.0	0.0
Gambling and betting activities	359,618	359,208	410	0	0.5	1.0	0.0	0.0
Sports activities and amusement and recreation activities	3,589	2,001	1,367	221	0.0	0.0	0.0	0.0
Other service activities	8,752,681	4,575,429	4,150,627	26,625	11.1	13.1	9.6	3.7
Activities of membership organizations	3,241,922	2,642,779	598,045	1,098	4.1	7.6	1.4	0.2
Repair of computers and personal and household goods	1,333,734	377,522	938,749	17,463	1.7	1.1	2.2	2.4
Other personal service activities	4,177,025	1,555,128	2,613,833	8,064	5.3	4.5	6.1	1.1

5.10.2 Value of stocks at the beginning of year for the Service sector in Central Region

Figure 5.20 shows that the total value of stocks (GH¢30.3) belonging to the Service sector establishments in the Central region is mainly made up of consumables and supplies (GH¢15.4 million) and goods for resale (GH¢14.7 million). The proportion of the value of other stocks (GH¢165,905) is negligible.

Figure 5.20: Component of opening stocks of Services sector in Central Region

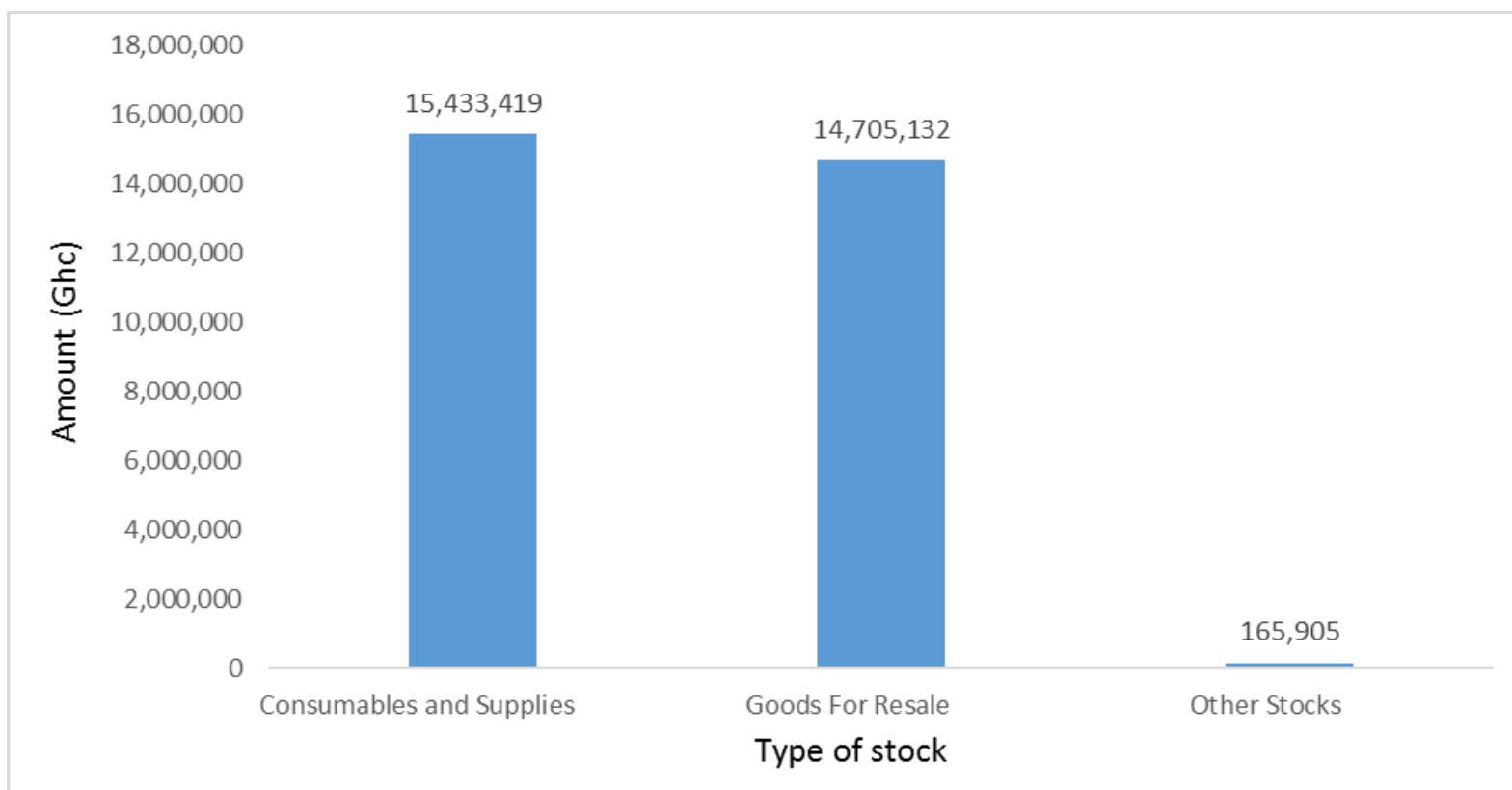


Table 5.27 indicates that the Accommodation and food service activities (GH¢11.2 million), other service activities (GH¢9.9 million) and Education (GH¢3.0 million) sub-sectors together held almost eighty percent of stocks in the sector. Each of the remaining activities had less than ten percent share, with real estate activities (GH¢295) having the least stock at the beginning of the 2013 financial year in the region.

The Table also reveals that more than one-third of the GH¢15.4 worth of consumables and supplies held by establishments in the sector were in activities of membership organizations (GH¢5.7 million), about one-tenth with activities related to educational services (GH¢2.1 million) and about one-tenth with financial service activities, except insurance and pension funding (GH¢1.4 million). Activities of advertising and market research (GH¢41) had the least stock of consumable and supplies among the activities undertaken in the sector within the region.

In the case of goods for resale (GH¢14.7 million), the Food and beverage service activities sub-sector (GH¢8.5 million) held the largest share of 52.6 percent. This is followed by other personal service activities (GH¢1.8 million) and Human health activities (GH¢1.5 million) with a share of about one-tenth each. The creative arts and entertainment activities (GH¢30) had the least stock goods purchased goods for resale within the region.

Almost three-quarters of stocks other than consumables and supplies, and goods for resale were held by establishments in the Information and communication (55.7%) and Professional, scientific and technical activities (19.0%) sub-sectors. These were mainly for activities related to telecommunications (GH¢80,000) and architectural and engineering; technical testing and analysis (GH¢ 30,857). Within this category of stocks, the establishments with the least stock are those engaged in other professional, scientific and technical activities (GH¢617).

Table 5.27: Value of stocks at beginning of the year for the Service sector - Central region

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services	30,304,456	15,433,419	14,705,132	165,905	100.0	100.0	100.0	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	213,476	21,726	191,750	0	0.7	0.1	1.3	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,741	1,741	0	0	0.0	0.0	0.0	0.0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	0.0	0.0	0.0	0.0
Retail trade, except of motor vehicles and motorcycles	211,735	19,985	191,750	0	0.7	0.1	1.3	0.0
Transportation and storage	202,562	201,562	1,000	0	0.7	1.3	0.0	0.0
Land transport and transport via pipelines	185,731	184,731	1,000	0	0.6	1.2	0.0	0.0
Warehousing and support activities for transportation	286	286	0	0	0.0	0.0	0.0	0.0
Postal and courier activities	16,545	16,545	0	0	0.1	0.1	0.0	0.0
Accommodation and food service activities	11,184,811	2,611,259	8,573,552	0	36.9	16.9	58.3	0.0
Accommodation	2,193,867	1,360,271	833,596	0	7.2	8.8	5.7	0.0
Food and beverage service activities	8,990,943	1,250,988	7,739,955	0	29.7	8.1	52.6	0.0
Information and communication	205,729	93,111	20,281	92,337	0.7	0.6	0.1	55.7
Publishing activities	14,629	1,292	1,000	12,337	0.0	0.0	0.0	7.4
Motion picture, video and television programme production, sound recording	2,120	2,030	90	0	0.0	0.0	0.0	0.0
Programming and broadcasting activities	32,128	26,961	5,167	0	0.1	0.2	0.0	0.0
Telecommunications	98,082	10,058	8,024	80,000	0.3	0.1	0.1	48.2
Computer programming, consultancy and related activities	0	0	0	0	0.0	0.0	0.0	0.0
Information service activities	58,770	52,770	6,000	0	0.2	0.3	0.0	0.0
Financial and insurance activities	2,181,719	1,406,455	759,968	15,296	7.2	9.1	5.2	9.2
Financial service activities, except insurance and pension funding	2,091,780	1,401,919	674,565	15,296	6.9	9.1	4.6	9.2
Insurance, reinsurance and pension funding, except compulsory social security	4,448	4,448	0	0	0.0	0.0	0.0	0.0
Activities auxiliary to financial service and insurance activities	85,492	88	85,404	0	0.3	0.0	0.6	0.0
Real estate activities	295	295	0	0	0.0	0.0	0.0	0.0
Real estate activities	295	295	0	0	0.0	0.0	0.0	0.0
Professional, scientific and technical activities	118,431	80,214	6,743	31,474	0.4	0.5	0.0	19.0
Legal and accounting activities	3,992	3,992	0	0	0.0	0.0	0.0	0.0
Activities of head offices; management consultancy activities	100	100	0	0	0.0	0.0	0.0	0.0
Architectural and engineering activities; technical testing and analysis	46,325	9,836	5,632	30,857	0.2	0.1	0.0	18.6
Advertising and market research	41	41	0	0	0.0	0.0	0.0	0.0
Other professional, scientific and technical activities	67,973	66,245	1,111	617	0.2	0.4	0.0	0.4

Table 5.27: Value of stocks at beginning of the year for the Service sector - Central region (Cont'd)

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Administrative and support service activities	310,846	180,918	129,928	0	1.0	1.2	0.9	0.0
Rental and leasing activities	14,328	7,450	6,878	0	0.0	0.0	0.0	0.0
Employment activities	157	157	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	2,980	2,980	0	0	0.0	0.0	0.0	0.0
Security and investigation activities	0	0	0	0	0.0	0.0	0.0	0.0
Services to buildings and landscape activities	0	0	0	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	293,381	170,331	123,050	0	1.0	1.1	0.8	0.0
Education	3,038,308	2,090,491	943,117	4,700	10.0	13.5	6.4	2.8
Education	3,038,308	2,090,491	943,117	4,700	10.0	13.5	6.4	2.8
Human health and social work activities	2,822,971	1,342,116	1,476,988	3,867	9.3	8.7	10.0	2.3
Human health activities	2,256,578	780,110	1,476,468	0	7.4	5.1	10.0	0.0
Residential care activities	42,098	41,678	420	0	0.1	0.3	0.0	0.0
Social work activities without accommodation	524,294	520,327	100	3,867	1.7	3.4	0.0	2.3
Arts, entertainment and recreation	140,150	121,969	14,110	4,071	0.5	0.8	0.1	2.5
Creative, arts and entertainment activities	81,405	81,375	30	0	0.3	0.5	0.0	0.0
Libraries, archives, museums and other cultural activities	83	83	0	0	0.0	0.0	0.0	0.0
Gambling and betting activities	44,433	34,203	10,230	0	0.1	0.2	0.1	0.0
Sports activities and amusement and recreation activities	14,229	6,308	3,850	4,071	0.0	0.0	0.0	2.5
Other service activities	9,885,158	7,283,304	2,587,694	14,160	32.6	47.2	17.6	8.5
Activities of membership organizations	5,772,991	5,701,832	69,959	1,200	19.0	36.9	0.5	0.7
Repair of computers and personal and household goods	915,284	149,869	753,449	11,966	3.0	1.0	5.1	7.2
Other personal service activities	3,196,882	1,431,602	1,764,286	994	10.5	9.3	12.0	0.6

5.10.3 Value of stocks at the beginning of the year for the Service sector in Greater Accra Region

Figure 5.21 depicts the distribution of stocks valued at GH¢4.7 billion held by establishments in the Service sector of the Greater Accra region. The Figure indicates that more than half (GH¢2.8 billion) and more than one-third (GH¢1.7 billion) of the stocks were in the form of goods purchased for resale and consumables and supplies respectively. Only about five percent constituted other stocks (GH¢214.9 million).

Figure 5.21: Components of opening stocks of Services sector in Greater Accra Region

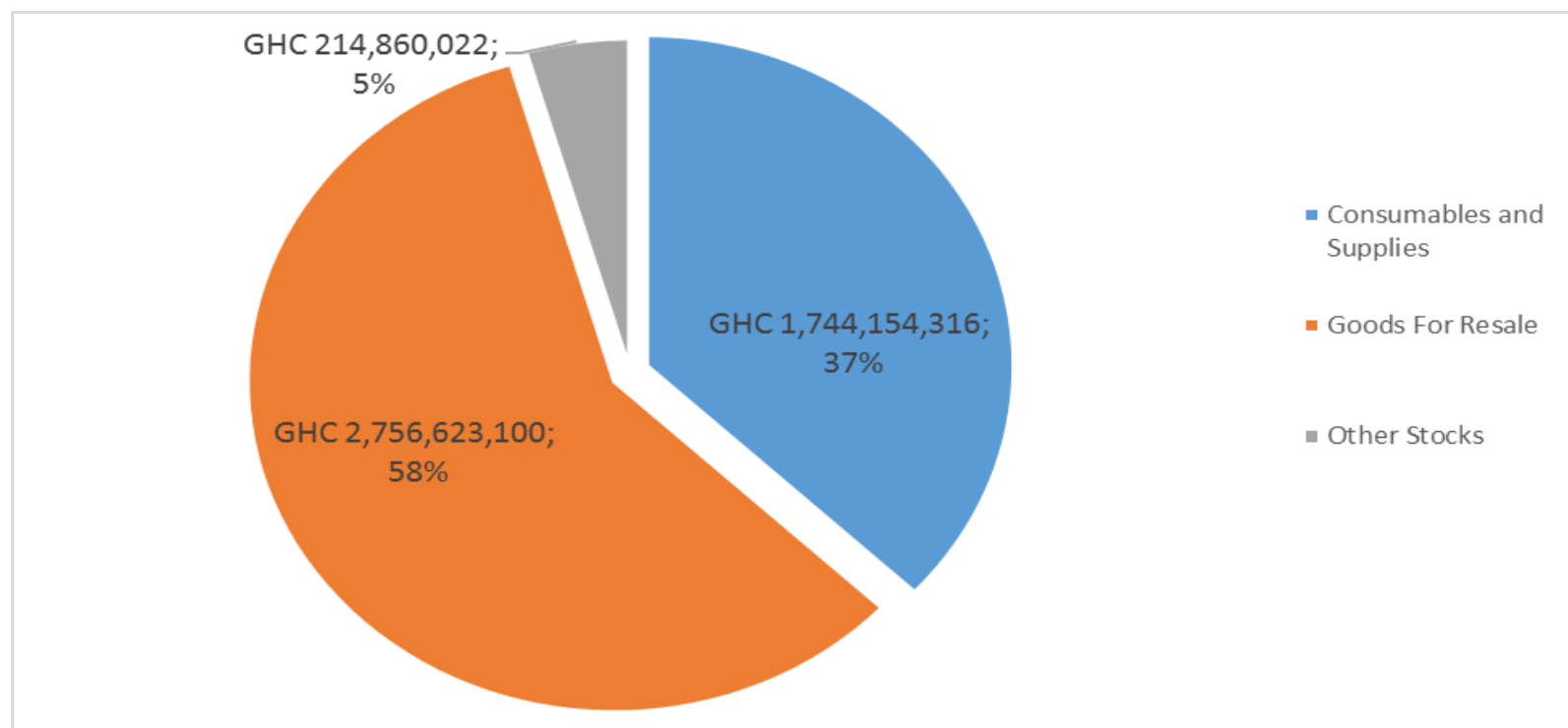


Table 5.28 shows that of the total value of stocks held by establishments in the Services sector in the Greater Accra region, the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector has about half, (49.7%) while the Financial and insurance activities has about one-quarter (26.7%) amounting to GH¢2.3 billion and GH¢1.3 billion respectively. Each of the remaining sub-sectors has less than five percent of the stocks, with Education (0.8%) recording the least.

For consumables and supplies which is valued at GH¢1.7 billion, the Financial service activities, except insurance and pension funding has about two-thirds share of (67.9%) amounting to GH¢1.2 billion. This is followed by the Food and beverage service activities (GH¢110.4 million) constituting only six percent (6.3%). The remaining sub-sectors recorded less than five percent of the total value of consumables and supplies used in the sector.

The Table further shows that out of the total of GH¢2.8 billion worth of goods purchased for resale, GH¢2.3 billion representing 84.0 percent were for the retail trade, except of motor vehicles and motorcycles activities sub-sector. Activities related to information technology followed with almost four percent (3.6%) while activities related to repair of computers and personal and household good has three percent (2.6%), amounting to GH¢98.2 million and GH¢71.4 million respectively. Establishments engaged in scientific research and development activities (GHC950) has the least value of goods purchased for resale in the Services sector in the region.

The value of stock of goods other than consumables and supplies, and goods for resale held by establishments in the services sector in the Greater Accra region at the beginning of the 2013 financial year was GH¢214.9 million. Activities related to Rental and leasing (GH¢69.3 million), Financial service, except insurance and pension funding (GH¢46.8 million), and Real estate (GH¢37.1 million) together held about seventy percent of this stock, while the remaining activities in the sector held less than ten percent each.

Table 5.28: Value of stocks at beginning of the year for the Service sector- Greater Accra Region

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services - Greater Accra	4,715,637,438	1,744,154,316	2,756,623,100	214,860,022	100.0	100.0	100.0	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,345,224,356	16,347,667	2,328,819,316	57,373	49.7	0.9	84.5	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	83,166	83,166	0	0	0.0	0.0	0.0	0.0
Wholesale trade, except of motor vehicles and motorcycles	29,033,325	16,182,705	12,850,620	0	0.6	0.9	0.5	0.0
Retail trade, except of motor vehicles and motorcycles	2,316,107,865	81,796	2,315,968,696	57,373	49.1	0.0	84.0	0.0
Transportation and storage	140,315,205	114,340,685	12,306,966	13,667,554	3.0	6.6	0.4	6.4
Land transport and transport via pipelines	21,123,259	20,588,083	2,541	532,635	0.4	1.2	0.0	0.2
Water transport	1,607,434	1,585,624	20,715	1,095	0.0	0.1	0.0	0.0
Air transport	1,482,306	1,482,306	0	0	0.0	0.1	0.0	0.0
Warehousing and support activities for transportation	115,547,123	90,129,589	12,283,710	13,133,824	2.5	5.2	0.4	6.1
Postal and courier activities	555,084	555,084	0	0	0.0	0.0	0.0	0.0
Accommodation and food service activities	231,221,556	131,970,132	80,682,893	18,568,531	4.9	7.6	2.9	8.6
Accommodation	67,748,975	21,531,078	28,174,735	18,043,162	1.4	1.2	1.0	8.4
Food and beverage service activities	163,472,580	110,439,053	52,508,158	525,369	3.5	6.3	1.9	0.2
Information and communication	211,430,511	82,445,572	121,647,747	7,337,192	4.5	4.7	4.4	3.4
Publishing activities	16,765,977	3,123,557	12,714,230	928,190	0.4	0.2	0.5	0.4
Motion picture, video and television programme production, sound recording	1,461,495	1,453,795	7,500	200	0.0	0.1	0.0	0.0
Programming and broadcasting activities	11,930,829	790,457	7,577,877	3,562,495	0.3	0.0	0.3	1.7
Telecommunications	165,411,343	64,329,870	98,235,165	2,846,308	3.5	3.7	3.6	1.3
Computer programming, consultancy and related activities	6,121,461	5,477,433	644,028	0	0.1	0.3	0.0	0.0
Information service activities	9,739,406	7,270,460	2,468,946	0	0.2	0.4	0.1	0.0
Financial and insurance activities	1,251,107,882	1,195,733,146	7,983,608	47,391,128	26.5	68.6	0.3	22.1
Financial service activities, except insurance and pension funding	1,233,742,283	1,184,359,096	2,580,388	46,802,799	26.2	67.9	0.1	21.8
Insurance, reinsurance and pension funding, except compulsory social security	3,092,201	2,993,509	0	98,692	0.1	0.2	0.0	0.0
Activities auxiliary to financial service and insurance activities	14,273,397	8,380,541	5,403,220	489,636	0.3	0.5	0.2	0.2
Real estate activities	138,903,938	50,447,237	51,348,224	37,108,477	2.9	2.9	1.9	17.3
Real estate activities	138,903,938	50,447,237	51,348,224	37,108,477	2.9	2.9	1.9	17.3

Table 5.28: Value of stocks at beginning of the year for the Service sector- Greater Accra Region (Cont'd)

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Professional, scientific and technical activities	49,426,324	9,717,289	22,428,565	17,280,470	1.0	0.6	0.8	8.0
Legal and accounting activities	1,865,069	1,858,748	0	6,321	0.0	0.1	0.0	0.0
Activities of head offices; management consultancy activities	524,536	524,536	0	0	0.0	0.0	0.0	0.0
Architectural and engineering activities; technical testing and analysis	35,290,931	2,653,557	15,412,931	17,224,443	0.7	0.2	0.6	8.0
Scientific research and development	279,798	273,929	950	4,919	0.0	0.0	0.0	0.0
Advertising and market research	1,318,459	1,318,459	0	0	0.0	0.1	0.0	0.0
Other professional, scientific and technical activities	9,671,467	3,061,405	6,565,274	44,788	0.2	0.2	0.2	0.0
Veterinary activities	476,065	26,655	449,410	0	0.0	0.0	0.0	0.0
Administrative and support service activities	81,866,103	10,035,417	2,393,074	69,437,612	1.7	0.6	0.1	32.3
Rental and leasing activities	74,362,062	4,887,873	127,415	69,346,774	1.6	0.3	0.0	32.3
Employment activities	283,157	283,157	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	214,004	214,004	0	0	0.0	0.0	0.0	0.0
Security and investigation activities	3,513,980	3,249,947	264,033	0	0.1	0.2	0.0	0.0
Services to buildings and landscape activities	2,190,557	839,362	1,260,357	90,838	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	1,302,344	561,075	741,269	0	0.0	0.0	0.0	0.0
Education	35,821,911	24,379,900	9,914,496	1,527,515	0.8	1.4	0.4	0.7
Education	35,821,911	24,379,900	9,914,496	1,527,515	0.8	1.4	0.4	0.7
Human health and social work activities	62,509,177	31,355,997	31,026,268	126,912	1.3	1.8	1.1	0.1
Human health activities	52,426,922	21,277,642	31,026,268	123,012	1.1	1.2	1.1	0.1
Residential care activities	47,206	43,306	0	3,900	0.0	0.0	0.0	0.0
Social work activities without accommodation	10,035,049	10,035,049	0	0	0.2	0.6	0.0	0.0
Arts, entertainment and recreation	1,134,726	513,861	518,748	102,117	0.0	0.0	0.0	0.0
Creative, arts and entertainment activities	376,534	115,728	217,105	43,701	0.0	0.0	0.0	0.0
Libraries, archives, museums and other cultural activities	151,537	41,121	52,000	58,416	0.0	0.0	0.0	0.0
Gambling and betting activities	380,636	224,678	155,958	0	0.0	0.0	0.0	0.0
Sports activities and amusement and recreation activities	226,019	132,333	93,686	0	0.0	0.0	0.0	0.0
Other service activities	166,675,748	76,867,413	87,553,194	2,255,141	3.5	4.4	3.2	1.0
Activities of membership organizations	4,244,920	3,477,620	495,274	272,026	0.1	0.2	0.0	0.1
Repair of computers and personal and household goods	128,704,944	55,428,522	71,417,755	1,858,667	2.7	3.2	2.6	0.9
Other personal service activities	33,725,885	17,961,271	15,640,166	124,448	0.7	1.0	0.6	0.1

5.10.4 Value of stocks at the beginning of year for the Service sector in Volta Region

A total of GH¢49.1 worth of stocks was held by establishments in the Service sector establishments in the Volta region. This was made up of consumables and supplies (GH¢17.5 million) with the largest share followed by other stocks (GH¢16.4 million). Goods purchased for resale amounted to GHC 15.3 million (Figure 5.22).

Figure 5.22: Components of opening stocks of the Service sector in the Volta region



Table 5.29 which presents the distribution of the GH¢49.1 million worth of stocks held by establishments in the service sector in the Volta region shows almost half of these stocks were held by establishments in the Financial and insurance sub-sector (GHC23.6 million). One-fifth was with the Accommodation and food service activities sub-sector (GHC10.1 million), while about one-tenth each was held by the other services activities (GHC5.7 million) and Human health activities (GH¢5.3 million) sub-sectors. Establishments in the remaining sub-sectors had about one-tenth, with the Real estate activities sub-sector (GH¢195,800) having the least.

The Table further shows that more than two-fifths (45.4%) of the total value of consumables and supplies (GH¢17.5 million) were held by establishments engaged in Financial service activities, except insurance and pension funding (GH¢7.9 million), and about one-tenth each was held by the Human health activities (GH¢2.3 million) and activities of membership organizations (GH¢1.8 million). Each of the remaining activities contributed less than ten percent of the total value consumables and supplies, with publishing activities having the least.

In the case of goods purchased for resale (GH¢15.3 million), about half of the total value was held by establishments in the Food and beverage service (GHC6.2 million), and Human health services (GHC 2.7 million) sub-sectors. About one-fifth each was held by the Accommodation services (GH¢1.5 million) and other personal service activities (GHC 1.5 million). Each of the remaining activities owned less than one-tenth of the total value goods purchased for resale, with establishments engaged in services to buildings and landscape activities (GHC 156) having the least value of the stocks.

The Table also indicates that, out of the total of GH¢16.4 million worth of stocks other than consumables and supplies, more than ninety percent (94.4%) belonging to the Financial service activities, except insurance and pension funding (GH¢ 15.5 million). Each of the remaining activities in the Services sector had less than five percent of the overall stock of goods in this category.

Table 5.29: Value of stocks at beginning of the year for Service sector - Volta Region

Industry (2-DIGIT ISIC)	Overall	Consumables and Supplies	Goods For Resale	Other Stocks	Overall	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services - Volta	49,134,793	17,453,925	15,256,938	16,423,930	100.0	100.0	100.0	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	498,002	174,334	323,668	0	1.0	1.0	2.1	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	131,340	131,340	0	0	0.3	0.8	0.0	0.0
Wholesale trade, except of motor vehicles and motorcycles	150,000	0	150,000	0	0.3	0.0	1.0	0.0
Retail trade, except of motor vehicles and motorcycles	216,662	42,994	173,668	0	0.4	0.2	1.1	0.0
Transportation and storage	257,567	256,569	998	0	0.5	1.5	0.0	0.0
Land transport and transport via pipelines	159,853	159,853	0	0	0.3	0.9	0.0	0.0
Water transport	4,750	4,750	0	0	0.0	0.0	0.0	0.0
Air transport	0	0	0	0	0.0	0.0	0.0	0.0
Warehousing and support activities for transportation	14,908	14,908	0	0	0.0	0.1	0.0	0.0
Postal and courier activities	78,056	77,058	998	0	0.2	0.4	0.0	0.0
Accommodation and food service activities	10,061,005	1,818,255	7,694,612	548,138	20.5	10.4	50.4	3.3
Accommodation	2,957,001	899,797	1,509,066	548,138	6.0	5.2	9.9	3.3
Food and beverage service activities	7,104,003	918,458	6,185,545	0	14.5	5.3	40.5	0.0
Information and communication	346,328	290,317	56,011	0	0.7	1.7	0.4	0.0
Publishing activities	20	20	0	0	0.0	0.0	0.0	0.0
Motion picture, video and television programme production, sound recording	8,024	4,124	3,900	0	0.0	0.0	0.0	0.0
Programming and broadcasting activities	16,765	16,765	0	0	0.0	0.1	0.0	0.0
Telecommunications	58,432	6,321	52,111	0	0.1	0.0	0.3	0.0
Computer programming, consultancy and related activities	262,500	262,500	0	0	0.5	1.5	0.0	0.0
Information service activities	587	587	0	0	0.0	0.0	0.0	0.0
Financial and insurance activities	23,590,069	8,002,111	87,200	15,500,758	48.0	45.8	0.6	94.4
Financial service activities, except insurance and pension funding	23,513,418	7,925,460	87,200	15,500,758	47.9	45.4	0.6	94.4
Insurance, reinsurance and pension funding, except compulsory social security	11,498	11,498	0	0	0.0	0.1	0.0	0.0
Activities auxiliary to financial service and insurance activities	65,154	65,154	0	0	0.1	0.4	0.0	0.0
Real estate activities	195,800	800	195,000	0	0.4	0.0	1.3	0.0
Real estate activities	195,800	800	195,000	0	0.4	0.0	1.3	0.0
Professional, scientific and technical activities	1,763,150	549,844	1,206,656	6,650	3.6	3.2	7.9	0.0
Legal and accounting activities	1,208,903	24,368	1,182,835	1,700	2.5	0.1	7.8	0.0
Activities of head offices; management consultancy activities	0	0	0	0	0.0	0.0	0.0	0.0
Architectural and engineering activities; technical testing and analysis	35,464	33,063	2,401	0	0.1	0.2	0.0	0.0
Scientific research and development	0	0	0	0	0.0	0.0	0.0	0.0
Advertising and market research	0	0	0	0	0.0	0.0	0.0	0.0
Other professional, scientific and technical activities	518,783	492,413	21,420	4,950	1.1	2.8	0.1	0.0
Veterinary activities	0	0	0	0	0.0	0.0	0.0	0.0

Table 5.29: Value of stocks at beginning of the year for Service sector - Volta Region (Cont'd)

Industry (2-DIGIT ISIC)	Overall	Consumables and Supplies	Goods For Resale	Other Stocks	Overall	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Administrative and support service activities	489,124	244,662	105,183	139,279	1.0	1.4	0.7	0.8
Rental and leasing activities	282,360	150,590	920	130,850	0.6	0.9	0.0	0.8
Employment activities	624	624	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	1,500	1,500	0	0	0.0	0.0	0.0	0.0
Security and investigation activities	117	117	0	0	0.0	0.0	0.0	0.0
Services to buildings and landscape activities	1,009	853	156	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	203,514	90,978	104,107	8,429	0.4	0.5	0.7	0.1
Education	913,314	699,931	210,438	2,945	1.9	4.0	1.4	0.0
Education	913,314	699,931	210,438	2,945	1.9	4.0	1.4	0.0
Human health and social work activities	5,260,348	2,364,685	2,692,692	202,971	10.7	13.5	17.6	1.2
Human health activities	4,996,673	2,297,481	2,692,692	6,500	10.2	13.2	17.6	0.0
Residential care activities	38,777	38,777	0	0	0.1	0.2	0.0	0.0
Social work activities without accommodation	224,898	28,427	0	196,471	0.5	0.2	0.0	1.2
Arts, entertainment and recreation	34,203	25,145	8,979	79	0.1	0.1	0.1	0.0
Creative, arts and entertainment activities	6,695	4,675	2,020	0	0.0	0.0	0.0	0.0
Libraries, archives, museums and other cultural activities	809	809	0	0	0.0	0.0	0.0	0.0
Gambling and betting activities	10,967	9,929	959	79	0.0	0.1	0.0	0.0
Sports activities and amusement and recreation activities	15,732	9,732	6,000	0	0.0	0.1	0.0	0.0
Other service activities	5,725,885	3,027,272	2,675,502	23,111	11.7	17.3	17.5	0.1
Activities of membership organizations	1,872,458	1,832,923	29,710	9,825	3.8	10.5	0.2	0.1
Repair of computers and personal and household goods	1,301,745	131,301	1,160,527	9,917	2.6	0.8	7.6	0.1
Other personal service activities	2,551,682	1,063,048	1,485,265	3,369	5.2	6.1	9.7	0.0

5.10.5 Value of stocks at the beginning of the year for the Service sector in Eastern Region

Figure 5.23 depicts the distribution of stocks held by establishments in the Service sector of the Eastern region. The Figure shows that, out of the GH¢53.2 million worth of stocks, GH¢33.2 million, representing 62.0 percent are in the form of goods purchased for resale, while more than one-third are consumables and supplies (GH¢19.0 million). Only two percent are other stocks of items (GH¢1.0 million).

Figure 5.23: Components of opening stocks of Services sector in Eastern region

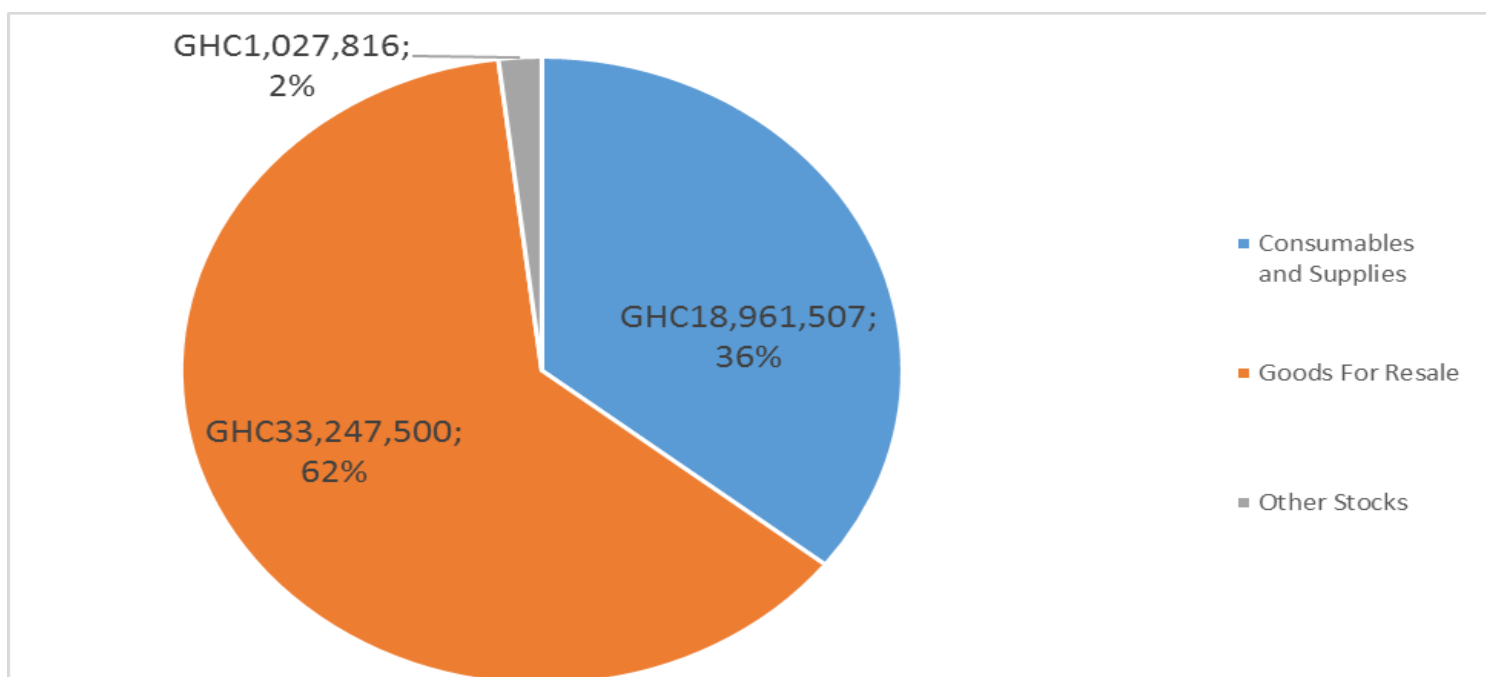


Table 5.30 presents the distribution of the components of stocks held by establishments in the Services sector according to activities. At the sub-sector level, out of the total of GH¢53.2 million worth of stocks available at the beginning of 2013 financial year, more than half (53.2%) was held in the Human health and social works sub-sector (GH¢28.3 million), almost one-fifth (17.3%) were held in the Accommodation and food service sub-sector (GH¢9.2 million), while about one-tenth each were in the Education (GH¢5.5 million) and other activities (GH¢5.7 million) sub-sectors. The remaining sub-sectors contributed less than five percent each, with the Legal and accounting activities (GH¢510) holding the least stock.

The Table also shows that out of the GH¢19.0 million worth of consumables and supplies held by establishments in the sector, three-quarters were for Human health activities (GH¢7.1 million), activities related to Education (GH¢4.4 million), other personal service activities (GH¢1.5 million), and the food and beverage service activities (GH¢1.2 million). Each of the remaining activities in the sector had in stock less than five percent of the total consumables and supplies.

The Table further reveals that about sixty percent of the GH¢33.2 million worth of goods purchased for resale, were held by establishments engaged in Human health activities (GH¢20.6 million), about one-tenth each belonged to establishments engaged in activities related to Food and beverages (GH¢3.7 million) and Accommodation (GH¢3.4 million), while about six percent was held by those engaged in Repair of computers and personal and household goods (GH¢2.1 million). Each of the remaining activities held less than five percent share of goods purchased for resale.

In the case of stocks of goods other than consumables and supplies and goods for resale, about one-third (32.5%) of the total of GH¢1.03 million was held by establishments engaged in Human health activities. This is followed by Programming and broadcasting activities (21.5%), Education activities (14.2%), Financial service activities, except insurance and pension funding (14.8%), and Real estate activities (8.8%) in that order. Each of the remaining activities had less than five percent share of the value of stocks other than consumables and supplies and goods for resale.

Table 5.30: Value of stocks at beginning of the year for the Service sector - Eastern Region

Industry (2-DIGIT ISIC)	Overall	Consumables and Supplies	Goods For Resale	Other Stocks	Overall	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services - Eastern	53,236,823	18,961,507	33,247,500	1,027,816	100.0	100.0	100.0	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	838,889	503,317	335,572	0	1.6	2.7	1.0	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	39,686	50	39,636	0	0.1	0.0	0.1	0.0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	0.0	0.0	0.0	0.0
Retail trade, except of motor vehicles and motorcycles	799,203	503,267	295,936	0	1.5	2.7	0.9	0.0
Transportation and storage	108,766	15,766	93,000	0	0.2	0.1	0.3	0.0
Land transport and transport via pipelines	10,125	10,125	0	0	0.0	0.1	0.0	0.0
Water transport	0	0	0	0	0.0	0.0	0.0	0.0
Air transport	0	0	0	0	0.0	0.0	0.0	0.0
Warehousing and support activities for transportation	93,956	956	93,000	0	0.2	0.0	0.3	0.0
Postal and courier activities	4,685	4,685	0	0	0.0	0.0	0.0	0.0
Accommodation and food service activities	9,186,501	2,085,423	7,091,058	10,020	17.3	11.0	21.3	1.0
Accommodation	4,207,783	838,527	3,369,256	0	7.9	4.4	10.1	0.0
Food and beverage service activities	4,978,718	1,246,897	3,721,801	10,020	9.4	6.6	11.2	1.0
Information and communication	1,024,570	741,180	58,659	224,731	1.9	3.9	0.2	21.9
Publishing activities	423,137	422,986	0	151	0.8	2.2	0.0	0.0
Motion picture, video and television programme production, sound recording	45,389	25,460	19,929	0	0.1	0.1	0.1	0.0
Programming and broadcasting activities	487,038	265,858	0	221,180	0.9	1.4	0.0	21.5
Telecommunications	42,210	12,829	25,981	3,400	0.1	0.1	0.1	0.3
Computer programming, consultancy and related activities	0	0	0	0	0.0	0.0	0.0	0.0
Information service activities	26,796	14,046	12,750	0	0.1	0.1	0.0	0.0
Financial and insurance activities	1,444,738	1,060,367	232,443	151,928	2.7	5.6	0.7	14.8
Financial service activities, except insurance and pension funding	1,171,160	815,089	204,143	151,928	2.2	4.3	0.6	14.8
Insurance, reinsurance and pension funding, except compulsory social security	23,518	23,518	0	0	0.0	0.1	0.0	0.0
Activities auxiliary to financial service and insurance activities	250,059	221,760	28,299	0	0.5	1.2	0.1	0.0
Real estate activities	285,264	195,264	0	90,000	0.5	1.0	0.0	8.8
Real estate activities	285,264	195,264	0	90,000	0.5	1.0	0.0	8.8
Professional, scientific and technical activities	338,868	123,270	213,727	1,871	0.6	0.7	0.6	0.2
Legal and accounting activities	510	510	0	0	0.0	0.0	0.0	0.0
Activities of head offices; management consultancy activities	0	0	0	0	0.0	0.0	0.0	0.0
Architectural and engineering activities; technical testing and analysis	33,673	33,473	0	200	0.1	0.2	0.0	0.0
Scientific research and development	1,613	1,613	0	0	0.0	0.0	0.0	0.0
Advertising and market research	0	0	0	0	0.0	0.0	0.0	0.0
Other professional, scientific and technical activities	301,072	85,674	213,727	1,671	0.6	0.5	0.6	0.2
Veterinary activities	2,000	2,000	0	0	0.0	0.0	0.0	0.0

Table 5.30: Value of stocks at beginning of the year for the Service sector - Eastern Region (Cont'd)

Industry (2-DIGIT ISIC)	Overall	Consumables and Supplies	Goods For Resale	Other Stocks	Overall	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Administrative and support service activities	442,469	388,630	30,575	23,264	0.8	2.0	0.1	2.3
Rental and leasing activities	315,721	285,309	10,411	20,001	0.6	1.5	0.0	1.9
Employment activities	8,300	7,500	800	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0.0	0.0	0.0	0.0
Security and investigation activities	6,600	6,600	0	0	0.0	0.0	0.0	0.0
Services to buildings and landscape activities	0	0	0	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	111,849	89,221	19,365	3,263	0.2	0.5	0.1	0.3
Education	5,485,654	4,417,322	922,265	146,067	10.3	23.3	2.8	14.2
Education	5,485,654	4,417,322	922,265	146,067	10.3	23.3	2.8	14.2
Human health and social work activities	28,310,670	7,324,740	20,651,250	334,680	53.2	38.6	62.1	32.6
Human health activities	27,987,286	7,099,856	20,553,550	333,880	52.6	37.4	61.8	32.5
Residential care activities	5,880	5,880	0	0	0.0	0.0	0.0	0.0
Social work activities without accommodation	317,505	219,004	97,701	800	0.6	1.2	0.3	0.1
Arts, entertainment and recreation	101,382	81,064	11,318	9,000	0.2	0.4	0.0	0.9
Creative, arts and entertainment activities	76,490	58,246	9,244	9,000	0.1	0.3	0.0	0.9
Libraries, archives, museums and other cultural activities	10,115	9,615	500	0	0.0	0.1	0.0	0.0
Gambling and betting activities	7,383	6,726	657	0	0.0	0.0	0.0	0.0
Sports activities and amusement and recreation activities	7,395	6,478	917	0	0.0	0.0	0.0	0.0
Other service activities	5,669,051	2,025,164	3,607,632	36,255	10.6	10.7	10.9	3.5
Activities of membership organizations	348,853	332,325	14,010	2,518	0.7	1.8	0.0	0.2
Repair of computers and personal and household goods	2,231,869	146,161	2,085,708	0	4.2	0.8	6.3	0.0
Other personal service activities	3,088,329	1,546,678	1,507,914	33,737	5.8	8.2	4.5	3.3

5.10.6 Value of stocks at the beginning of the year for the Service sector in Ashanti Region

Figure 5.24 illustrates the distribution of stocks held by establishments in Service sector in the Ashanti region. The Figure reveals that almost (98.0 %) the total value of stocks held (GH¢130 million) at the beginning of the 2013 financial year, were in the form consumables and supplies (GH¢67.1 million) and goods purchased for resale (GH¢60.5 million). The remaining, constituting less than two percent were other stocks (GH¢2.5 million).

Figure 5.24: Components of opening stocks for the Service sector in Ashanti region

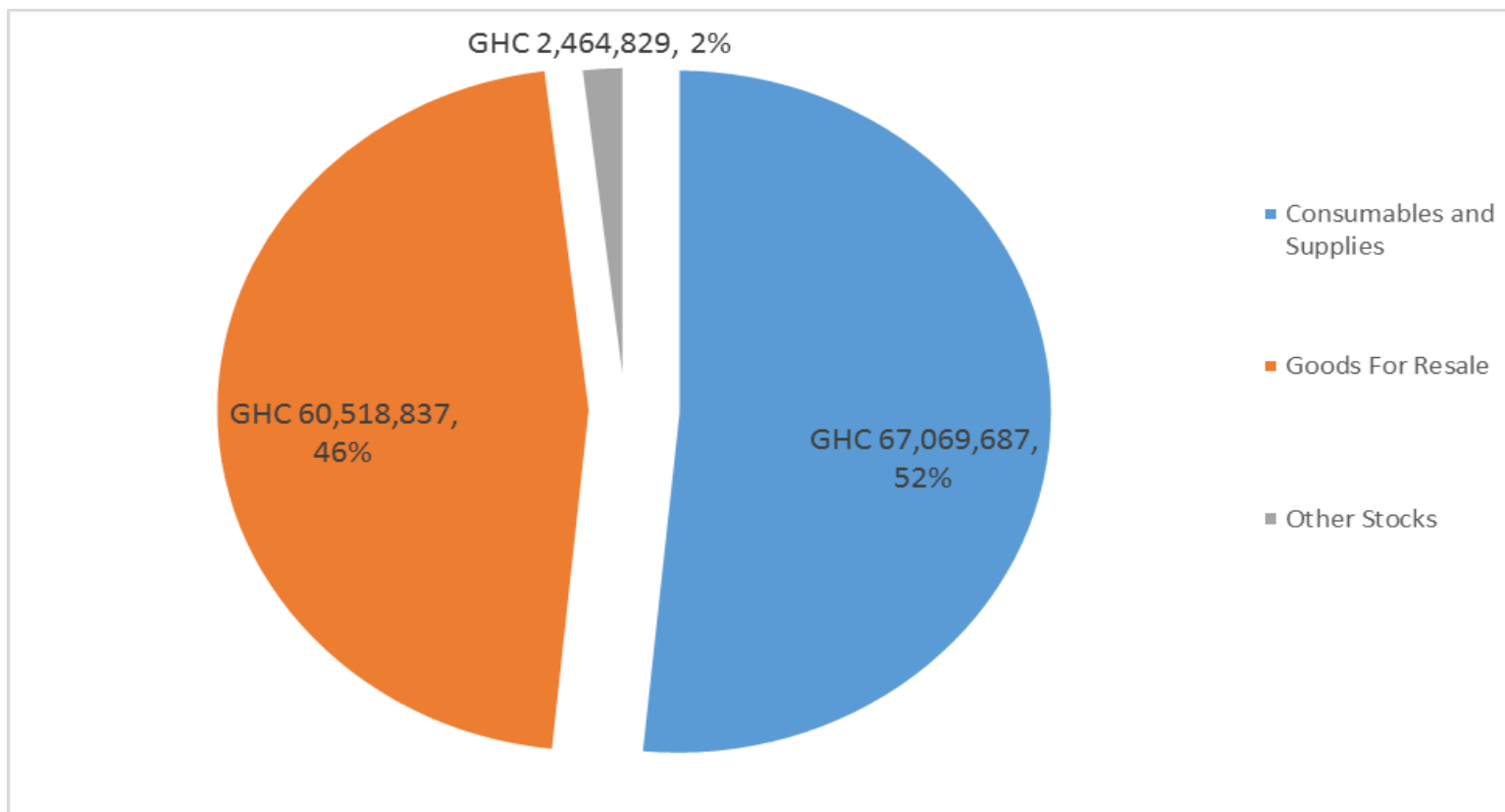


Table 5.31 presents information on the contribution of activities in the Service sector to the various stocks held. At the sub-sector level, more than three-quarters of the total stocks were held by Human health and social works (GH¢31.5 million or 24.2%), Accommodation and food service (GH¢29.8 million or 22.9%), Education (GH¢20.9 million or 16.1%) and other activities (GH¢17.1 million, 13.1%) sub-sectors. The remaining subsectors contributed less than five percent each, while establishments engaged in Employment activities (GH¢3,987) recorded the least stocks.

The Table further shows that for the value of stocks in the form of consumables and supplies about sixty percent are either accounted for establishments in the Education (25.2%), Human health (19.5%), or Food and beverages service activities (17.1%) sub-sectors. With the exception of activities related to Accommodation (5.6%), Financial service activities, except insurance and pension funding (6.4%), and other personal service activities (7.5%), each of the remaining activities had stocks less than five percent of the total value of stocks held as consumables and supplies.

The Table also indicates that out of the total of GH¢60.5 million worth of goods purchased for resale, more than one-quarter (29.2%) of the stocks were held by establishments engaged in Human health activities (GH¢17.5 million), while 16 percent were held by those in Food and beverage service activities (GH¢9.6 million). The other personal service activities (GH¢8.1 million) and Travel agency, tour operators, and reservation service and related activities (GH¢8.0 million) held 13.5 percent each. The least value of stocks were for Social work activities without accommodation (GH¢70).

For other stocks amounting with a value of GH¢2.4 million, about one-quarter each was held by Human health activities (GH¢734,763) and activities auxiliary to financial service and insurance activities (GH¢638,400). Another one-fifth was for Food and beverage service activities (GH¢423,052) while each of the remaining activities contributed less than five percent, with creative arts and entertainment activities having the least (GH¢120).

Table 5.31: Value of stocks at beginning of the year for the Service sector-Ashanti Region

Industry (2-DIGIT ISIC)	Amount (GH¢)				Percent			
	Total	Consumables and Supplies	Goods For Resale	Other Stocks	Total	Consumables and Supplies	Goods For Resale	Other Stocks
All Services -Ashanti	130,053,353	67,069,687	60,518,837	2,464,829	100.0	51.6	46.5	1.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,897,637	2,669,893	2,227,744	0	3.8	4.0	3.7	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	543,853	543,853	0	0	0.4	0.8	0.0	0.0
Wholesale trade, except of motor vehicles and motorcycles	876,225	1,225	875,000	0	0.7	0.0	1.4	0.0
Retail trade, except of motor vehicles and motorcycles	3,477,559	2,124,815	1,352,744	0	2.7	3.2	2.2	0.0
Transportation and storage	4,438,132	898,581	3,539,551	0	3.4	1.3	5.8	0.0
Land transport and transport via pipelines	3,789,695	289,695	3,500,000	0	2.9	0.4	5.8	0.0
Water transport	0	0	0	0	0.0	0.0	0.0	0.0
Air transport	0	0	0	0	0.0	0.0	0.0	0.0
Warehousing and support activities for transportation	637,958	599,407	38,551	0	0.5	0.9	0.1	0.0
Postal and courier activities	10,478	9,478	1,000	0	0.0	0.0	0.0	0.0
Accommodation and food service activities	29,786,860	15,266,418	14,096,877	423,565	22.9	22.8	23.3	17.2
Accommodation	8,312,732	3,781,295	4,530,924	513	6.4	5.6	7.5	0.0
Food and beverage service activities	21,474,126	11,485,122	9,565,952	423,052	16.5	17.1	15.8	17.2
Information and communication	855,832	627,319	84,655	143,858	0.7	0.9	0.1	5.8
Publishing activities	303,852	210,812	0	93,040	0.2	0.3	0.0	3.8
Motion picture, video and television programme production, sound recording	115,377	18,122	46,437	50,818	0.1	0.0	0.1	2.1
Programming and broadcasting activities	33,773	33,773	0	0	0.0	0.1	0.0	0.0
Telecommunications	370,044	357,624	12,420	0	0.3	0.5	0.0	0.0
Computer programming, consultancy and related activities	22,057	2,000	20,057	0	0.0	0.0	0.0	0.0
Information service activities	10,728	4,988	5,740	0	0.0	0.0	0.0	0.0
Financial and insurance activities	5,694,839	4,412,834	628,605	653,400	4.4	6.6	1.0	26.5
Financial service activities, except insurance and pension funding	4,586,039	4,310,934	260,105	15,000	3.5	6.4	0.4	0.6
Insurance, reinsurance and pension funding, except compulsory social security	103,959	100,259	3,700	0	0.1	0.1	0.0	0.0
Activities auxiliary to financial service and insurance activities	1,004,842	1,642	364,800	638,400	0.8	0.0	0.6	25.9
Real estate activities	95,773	95,773	0	0	0.1	0.1	0.0	0.0
Real estate activities	95,773	95,773	0	0	0.1	0.1	0.0	0.0

5.31: Value of stocks at beginning of the year for the Service sector-Ashanti Region (Cont'd)

Industry (2-DIGIT ISIC)	Amount (GH¢)				Percent			
	Total	Consumables and Supplies	Goods For Resale	Other Stocks	Total	Consumables and Supplies	Goods For Resale	Other Stocks
Professional, scientific and technical activities	4,254,435	3,157,279	855,226	241,930	3.3	4.7	1.4	9.8
Legal and accounting activities	14,185	12,785	0	1,400	0.0	0.0	0.0	0.1
Activities of head offices; management consultancy activities	55,438	55,038	400	0	0.0	0.1	0.0	0.0
Architectural and engineering activities; technical testing and analysis	1,693,235	1,457,288	150,444	85,503	1.3	2.2	0.2	3.5
Scientific research and development	102,004	61,672	2,490	37,842	0.1	0.1	0.0	1.5
Advertising and market research	22,005	20,130	1,875	0	0.0	0.0	0.0	0.0
Other professional, scientific and technical activities	2,268,980	1,539,315	612,480	117,185	1.7	2.3	1.0	4.8
Veterinary activities	98,587	11,050	87,537	0	0.1	0.0	0.1	0.0
Administrative and support service activities	10,125,071	1,905,694	8,104,569	114,808	7.8	2.8	13.4	4.7
Rental and leasing activities	1,097,993	902,244	83,949	111,800	0.8	1.3	0.1	4.5
Employment activities	3,987	3,987	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	7,991,805	41,805	7,950,000	0	6.1	0.1	13.1	0.0
Security and investigation activities	60,878	39,938	20,940	0	0.0	0.1	0.0	0.0
Services to buildings and landscape activities	22,500	22,500	0	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	947,908	895,220	49,680	3,008	0.7	1.3	0.1	0.1
Education	20,927,890	16,931,305	3,910,233	86,352	16.1	25.2	6.5	3.5
Education	20,927,890	16,931,305	3,910,233	86,352	16.1	25.2	6.5	3.5
Human health and social work activities	31,537,128	13,286,586	17,515,429	735,113	24.2	19.8	28.9	27.5
Human health activities	31,296,688	13,046,566	17,515,359	734,763	24.1	19.5	28.9	27.5
Residential care activities	72,578	72,578	0	0	0.1	0.1	0.0	0.0
Social work activities without accommodation	167,861	167,441	70	350	0.1	0.2	0.0	0.0
Arts, entertainment and recreation	376,823	300,127	76,576	120	0.3	0.4	0.1	0.0
Creative, arts and entertainment activities	121,755	94,121	27,514	120	0.1	0.1	0.0	0.0
Libraries, archives, museums and other cultural activities	3,580	3,580	0	0	0.0	0.0	0.0	0.0
Gambling and betting activities	204,547	189,940	14,607	0	0.2	0.3	0.0	0.0
Sports activities and amusement and recreation activities	46,941	12,486	34,455	0	0.0	0.0	0.1	0.0
Other service activities	17,062,935	7,517,879	9,479,373	65,683	13.1	11.2	15.7	2.7
Activities of membership organizations	2,440,022	2,265,088	170,034	4,900	1.9	3.4	0.3	0.2
Repair of computers and personal and household goods	1,427,968	215,411	1,212,557	0	1.1	0.3	2.0	0.0
Other personal service activities	13,194,945	5,037,380	8,096,782	60,783	10.1	7.5	13.4	2.5

5.10.7 Value of stocks at the beginning of the year for the Service sector in Brong Ahafo Region

Figure 5.25 illustrates the distribution of stocks belonging to establishments in the Service sector in the Brong Ahafo region. There was a total of GH¢132 million worth of stocks in the Sector at the beginning of the 2013 financial year of which four-fifths (83%) is made up of consumables and supplies (GH¢110.0 million). The remaining is made up of Goods purchased for resale (GH¢12.4 million) and other stocks of items (GH¢9.5 million).

Figure 5.25: Components of opening stocks of the Service sector in Brong Ahafo

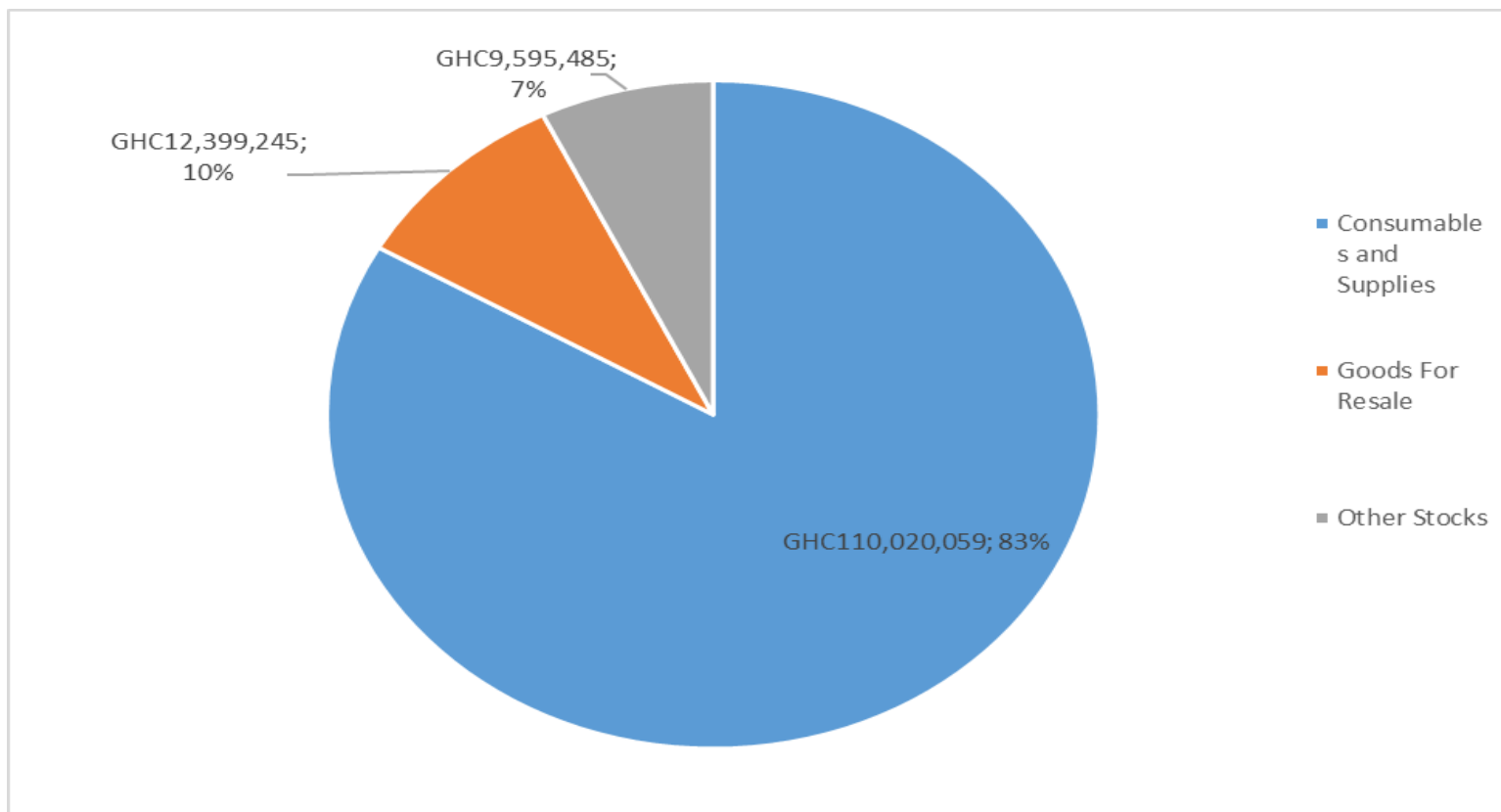


Table 5.32 shows the distribution of stocks held by establishments in the Service sector in the various sub-sectors. At the sub-sector level, 70.1 percent of the total value of stocks (GH¢132 million), was held by establishments in the Information and communication sub-sector (GH¢92.8 million). Within the remaining sub-sectors, with the exception of the Financial and insurance activities (GH¢11.1 million), Accommodation and food service activities (GH¢9.5 million), and Human health and social work activities (GH¢8.5 million), the other sub-sectors held less than five percent of the Services sector stocks.

The Table further reveals that, out of the total of GH¢110.0 million worth of consumables and supplies, more than eighty percent was held by establishments engaged in Programming and broadcasting activities (GH¢92.0 million), with about five percent belonging to those involved in Human health activities (GH¢5.9 million). Each of the remaining activities held less than five percent of the total value of consumables and supplies.

The Table also shows that more than three-quarters of the value of goods purchased for resale (GH¢12.4 million) in the region, was held by establishments engaged in Food and beverage service activities (GH¢5.9 million), Human health activities (GH¢2.5 million), and other personal service activities (GH¢1.3 million). Establishments engaged in the remaining activities each held stocks of goods less than five percent of the total value of stocks.

In the case of stocks other than consumables and supplies and goods for resale, values at GH¢9.6 million, almost all (97.5%), amounting to GH¢9.4 million held by establishment engaged in Financial service activities, except insurance and pension funding. The remaining activities together contributed less than three percent.

Table 5.32: Value of stocks at beginning of the year for the Service sector- Brong Ahafo Region

Industry (2-DIGIT ISIC)	Overall	Consumables and Supplies	Goods For Resale	Other Stocks	Overall	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services - Brong Ahafo	132,014,789	110,020,059	12,399,245	9,595,485	100.0	100.0	100.0	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	219,897	158,028	61,819	50	0.2	0.1	0.5	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	191,421	132,202	59,219	0	0.1	0.1	0.5	0.0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	0.0	0.0	0.0	0.0
Retail trade, except of motor vehicles and motorcycles	28,476	25,826	2,600	50	0.0	0.0	0.0	0.0
Transportation and storage	124,583	113,690	10,393	500	0.1	0.1	0.1	0.0
Land transport and transport via pipelines	8,064	8,064	0	0	0.0	0.0	0.0	0.0
Water transport	0	0	0	0	0.0	0.0	0.0	0.0
Air transport	0	0	0	0	0.0	0.0	0.0	0.0
Warehousing and support activities for transportation	7,533	7,033	0	500	0.0	0.0	0.0	0.0
Postal and courier activities	108,987	98,594	10,393	0	0.1	0.1	0.1	0.0
Accommodation and food service activities	9,456,514	3,368,523	6,087,021	970	7.2	3.1	49.1	0.0
Accommodation	818,949	666,618	151,361	970	0.6	0.6	1.2	0.0
Food and beverage service activities	8,637,565	2,701,905	5,935,660	0	6.5	2.5	47.9	0.0
Information and communication	92,771,099	92,072,910	523,038	175,151	70.3	83.7	4.2	1.8
Publishing activities	4,775	4,775	0	0	0.0	0.0	0.0	0.0
Motion picture, video and television programme production, sound recording	1,260	1,260	0	0	0.0	0.0	0.0	0.0
Programming and broadcasting activities	92,023,849	92,023,849	0	0	69.7	83.6	0.0	0.0
Telecommunications	731,316	33,777	522,388	175,151	0.6	0.0	4.2	1.8
Computer programming, consultancy and related activities	2,570	2,520	50	0	0.0	0.0	0.0	0.0
Information service activities	7,329	6,729	600	0	0.0	0.0	0.0	0.0
Financial and insurance activities	11,141,094	1,755,997	25,692	9,359,405	8.4	1.6	0.2	97.5
Financial service activities, except insurance and pension funding	11,124,429	1,739,732	25,692	9,359,005	8.4	1.6	0.2	97.5
Insurance, reinsurance and pension funding, except compulsory social security	4,837	4,437	0	400	0.0	0.0	0.0	0.0
Activities auxiliary to financial service and insurance activities	11,828	11,828	0	0	0.0	0.0	0.0	0.0
Real estate activities	30,525	2,525	28,000	0	0.0	0.0	0.2	0.0
Real estate activities	30,525	2,525	28,000	0	0.0	0.0	0.2	0.0
Professional, scientific and technical activities	326,398	221,111	100,067	5,220	0.2	0.2	0.8	0.1
Legal and accounting activities	6,191	6,191	0	0	0.0	0.0	0.0	0.0
Activities of head offices; management consultancy activities	102,950	10,550	92,400	0	0.1	0.0	0.7	0.0
Architectural and engineering activities; technical testing and analysis	43,769	43,769	0	0	0.0	0.0	0.0	0.0
Scientific research and development	0	0	0	0	0.0	0.0	0.0	0.0
Advertising and market research	9,799	9,799	0	0	0.0	0.0	0.0	0.0
Other professional, scientific and technical activities	163,689	150,802	7,667	5,220	0.1	0.1	0.1	0.1
Veterinary activities	0	0	0	0	0.0	0.0	0.0	0.0
Administrative and support service activities	486,729	324,586	160,935	1,208	0.4	0.3	1.3	0.0
Rental and leasing activities	239,583	174,194	65,389	0	0.2	0.2	0.5	0.0
Employment activities	1,464	1,464	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	9,750	9,750	0	0	0.0	0.0	0.0	0.0
Security and investigation activities	7,224	7,224	0	0	0.0	0.0	0.0	0.0
Services to buildings and landscape activities	1,464	224	1,240	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	227,244	131,730	94,306	1,208	0.2	0.1	0.8	0.0

Table 5.32: Value of stocks at beginning of the year for the Service sector- Brong Ahafo Region(Cont'd)

Industry (2-DIGIT ISIC)	Overall	Consumables and Supplies	Goods For Resale	Other Stocks	Overall	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Education	2,394,428	1,768,616	585,263	40,549	1.8	1.6	4.7	0.4
Education	2,394,428	1,768,616	585,263	40,549	1.8	1.6	4.7	0.4
Human health and social work activities	8,503,177	5,968,765	2,533,537	875	6.4	5.4	20.4	0.0
Human health activities	8,463,504	5,929,092	2,533,537	875	6.4	5.4	20.4	0.0
Residential care activities	37,417	37,417	0	0	0.0	0.0	0.0	0.0
Social work activities without accommodation	2,257	2,257	0	0	0.0	0.0	0.0	0.0
Arts, entertainment and recreation	166,622	130,192	36,355	75	0.1	0.1	0.3	0.0
Creative, arts and entertainment activities	8,367	6,792	1,500	75	0.0	0.0	0.0	0.0
Libraries, archives, museums and other cultural activities	8,070	8,070	0	0	0.0	0.0	0.0	0.0
Gambling and betting activities	133,883	99,028	34,855	0	0.1	0.1	0.3	0.0
Sports activities and amusement and recreation activities	16,301	16,301	0	0	0.0	0.0	0.0	0.0
Other service activities	6,393,723	4,135,116	2,247,125	11,482	4.8	3.8	18.1	0.1
Activities of membership organizations	2,668,152	2,090,037	577,915	200	2.0	1.9	4.7	0.0
Repair of computers and personal and household goods	968,189	600,988	363,291	3,910	0.7	0.5	2.9	0.0
Other personal service activities	2,757,383	1,444,091	1,305,920	7,372	2.1	1.3	10.5	0.1

5.10.8 Value of stocks at the beginning of the year for the Service sector in Northern Region

Figure 5.26 depicts the distribution of the value of opening stocks worth GH¢16.7 million held by Services sector establishments in the Northern region. The Figure shows that, about two-thirds (65.0%) of the value of stocks was in the form of consumables and supplies (GH¢11.0 million). This is almost twice the value of stocks held as goods purchased for resale (GH¢5.6 million).

Figure 5.26: Components of opening stocks of Service sector in Northern region

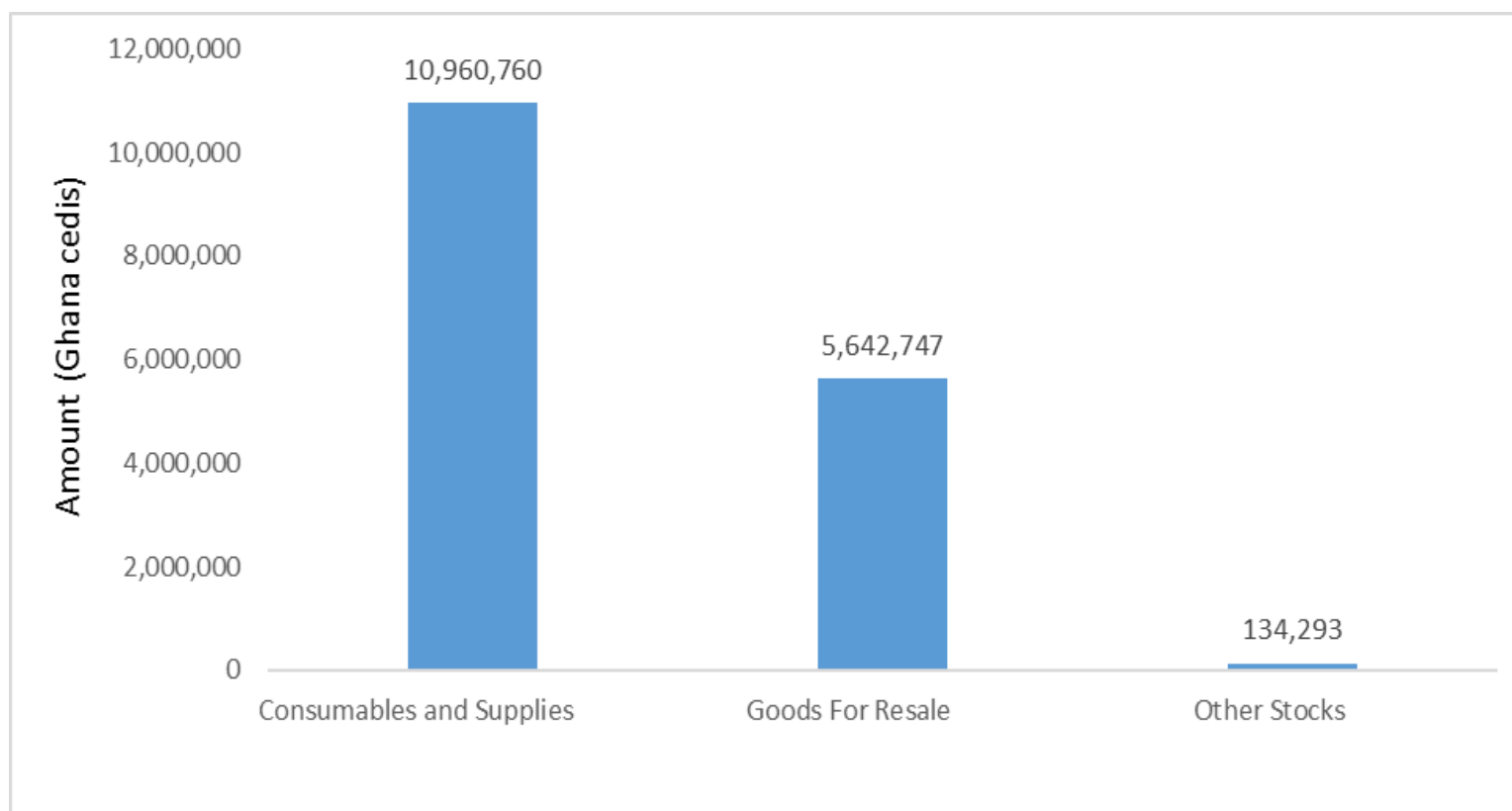


Table 5.33 reveals that, more than one-quarter (26.0%) of the stocks in the Service sector in the Northern region was held by establishments engaged in Accommodation and food service activities (GH¢4.4 million). About one-fifth is held by those engaged in Financial and insurance activities (GH¢3.5 million), while more than one-tenth each, is held by establishments involved in Human health and social work activities (GH¢2.6 million), other service activities (GH¢2.3 million) and Education (GH¢2.2 million). The Arts, entertainment and recreation sub-sector (GH¢15,199) has the least value of opening stocks.

The Table further shows that for consumables and supplies, establishments engaged in Financial service activities, except insurance and pension funding held the highest proportion (GH¢3.3 million or 30.3%), followed by food and beverage service

activities (GH¢1.9 million or 17.3%), Education activities (GH¢1.8 million or 16.5%) and Human health activities (GH¢1.5 million or 13.9%). The remaining activities in the various sub-sectors, each held stocks less than ten percent.

In the case of holders of goods purchased for resale which had a value of GH¢5.6 million, Tables 5.44 indicates that more than half of these stocks were with establishments engaged in Food and beverage service activities (GH¢1.2 million), Human health activities (GH¢1.1 million) and Accommodation (GH¢900,363). The other personal service sub-sector had 11.5 percent of the stocks (GH¢648,790) while the remaining activities in the sector recorded less than ten percent.

Table 5.33 also shows that out of the total of GH¢134,293 stocks other than consumables and supplies and goods for resale, more than three-quarters (77.5%) were held by establishments engaged in activities related to Education (GH¢104,121), while about one-tenth (11.3%) was held by those engaged in Warehousing and support activities for transportation (GH¢15,200). The least opening stock was with establishments involved in telecommunications activities (GH¢1,475) in the Northern region.

Table 5.33: Value of stocks at beginning of the year for Service sector - Northern region

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services - Northern	16,737,800	10,960,760	5,642,747	134,293	100.0	100.0	100.0	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	385,014	342,266	42,748	0	2.3	3.1	0.8	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	332,444	289,696	42,748	0	2.0	2.6	0.8	0.0
Wholesale trade, except of motor vehicles and motorcycles	1,320	1,320	0	0	0.0	0.0	0.0	0.0
Retail trade, except of motor vehicles and motorcycles	51,250	51,250	0	0	0.3	0.5	0.0	0.0
Transportation and storage	212,004	13,409	183,395	15,200	1.3	0.1	3.3	11.3
Land transport and transport via pipelines	38,513	3,409	35,104	0	0.2	0.0	0.6	0.0
Water transport	0	0	0	0	0.0	0.0	0.0	0.0
Air transport	0	0	0	0	0.0	0.0	0.0	0.0
Warehousing and support activities for transportation	15,653	453	0	15,200	0.1	0.0	0.0	11.3
Postal and courier activities	157,838	9,547	148,291	0	0.9	0.1	2.6	0.0
Accommodation and food service activities	4,351,016	2,248,858	2,102,158	0	26.0	20.5	37.3	0.0
Accommodation	1,257,535	357,172	900,363	0	7.5	3.3	16.0	0.0
Food and beverage service activities	3,093,481	1,891,686	1,201,795	0	18.5	17.3	21.3	0.0
Information and communication	277,194	124,960	151,097	1,137	1.7	1.1	2.7	0.8
Publishing activities	13,055	13,055	0	0	0.1	0.1	0.0	0.0
Motion picture, video and television programme production, sound recording	7,316	4,350	2,966	0	0.0	0.0	0.1	0.0
Programming and broadcasting activities	15,785	15,785	0	0	0.1	0.1	0.0	0.0
Telecommunications	118,597	50,967	66,493	1,137	0.7	0.5	1.2	0.8
Computer programming, consultancy and related activities	62,734	40,803	21,931	0	0.4	0.4	0.4	0.0
Information service activities	59,708	0	59,708	0	0.4	0.0	1.1	0.0
Financial and insurance activities	3,535,298	3,323,331	208,397	3,570	21.1	30.3	3.7	2.7
Financial service activities, except insurance and pension funding	3,523,697	3,311,730	208,397	3,570	21.1	30.2	3.7	2.7
Insurance, reinsurance and pension funding, except compulsory social security	11,601	11,601	0	0	0.1	0.1	0.0	0.0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0.0	0.0	0.0	0.0
Real estate activities	240,060	60	240,000	0	1.4	0.0	4.3	0.0
Real estate activities	240,060	60	240,000	0	1.4	0.0	4.3	0.0
Professional, scientific and technical activities	345,126	151,176	183,725	10,225	2.1	1.4	3.3	7.6
Legal and accounting activities	6,813	6,813	0	0	0.0	0.1	0.0	0.0
Activities of head offices; management consultancy activities	6,075	6,075	0	0	0.0	0.1	0.0	0.0
Architectural and engineering activities; technical testing and analysis	2,000	2,000	0	0	0.0	0.0	0.0	0.0
Scientific research and development	9,028	9,028	0	0	0.1	0.1	0.0	0.0
Advertising and market research	2,667	1,192	0	1,475	0.0	0.0	0.0	1.1
Other professional, scientific and technical activities	307,083	114,608	183,725	8,750	1.8	1.0	3.3	6.5
Veterinary activities	11,460	11,460	0	0	0.1	0.1	0.0	0.0

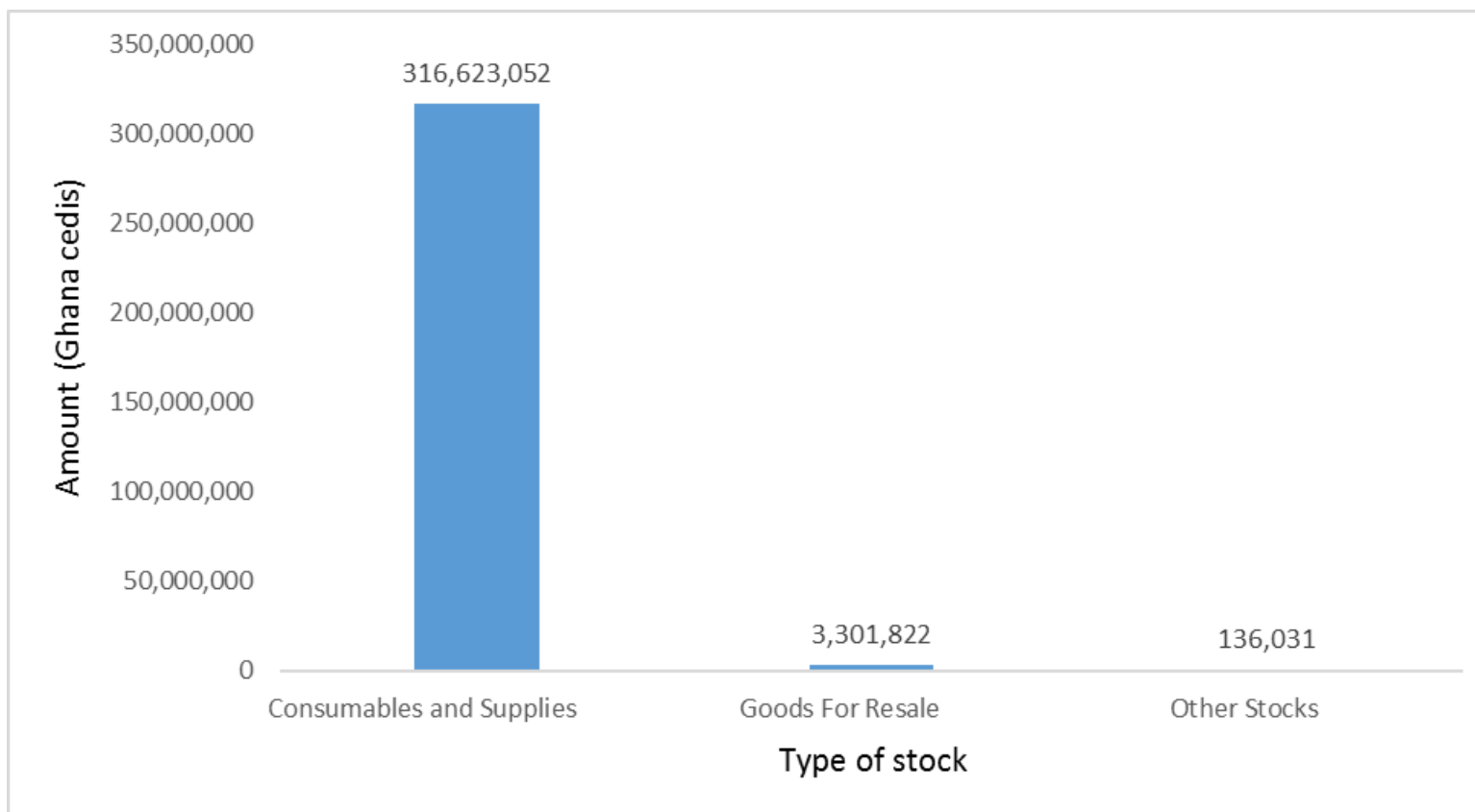
Table 5.33: Value of stocks at beginning of the year for Service sector - Northern region(Cont'd)

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Administrative and support service activities	240,836	139,668	101,168	0	1.4	1.3	1.8	0.0
Rental and leasing activities	35,274	10,914	24,360	0	0.2	0.1	0.4	0.0
Employment activities	516	516	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	4,390	890	3,500	0	0.0	0.0	0.1	0.0
Security and investigation activities	0	0	0	0	0.0	0.0	0.0	0.0
Services to buildings and landscape activities	0	0	0	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	200,656	127,348	73,308	0	1.2	1.2	1.3	0.0
Education	2,191,417	1,806,164	281,132	104,121	13.1	16.5	5.0	77.5
Education	2,191,417	1,806,164	281,132	104,121	13.1	16.5	5.0	77.5
Human health and social work activities	2,634,244	1,554,995	1,079,249	0	15.7	14.2	19.1	0.0
Human health activities	2,604,984	1,526,815	1,078,169	0	15.6	13.9	19.1	0.0
Residential care activities	4,246	4,246	0	0	0.0	0.0	0.0	0.0
Social work activities without accommodation	25,014	23,934	1,080	0	0.1	0.2	0.0	0.0
Arts, entertainment and recreation	15,199	14,033	1,166	0	0.1	0.1	0.0	0.0
Creative, arts and entertainment activities	580	580	0	0	0.0	0.0	0.0	0.0
Libraries, archives, museums and other cultural activities	898	898	0	0	0.0	0.0	0.0	0.0
Gambling and betting activities	6,460	6,460	0	0	0.0	0.1	0.0	0.0
Sports activities and amusement and recreation activities	7,261	6,095	1,166	0	0.0	0.1	0.0	0.0
Other service activities	2,310,391	1,241,839	1,068,512	40	13.8	11.3	18.9	0.0
Activities of membership organizations	556,155	556,155	0	0	3.3	5.1	0.0	0.0
Repair of computers and personal and household goods	578,375	158,613	419,722	40	3.5	1.4	7.4	0.0
Other personal service activities	1,175,861	527,071	648,790	0	7.0	4.8	11.5	0.0

5.10.9 Value of stocks at the beginning of year for the Service sector in Upper East Region

Establishments in the services sector of the Upper East region held a total of GH¢360.1 million worth of stocks at the beginning of the 2013 financial year, of which consumables and supplies constituted ninety-nine percent (GH¢316.6 million). The value of goods purchased for resale was GH¢3.3 million while other stocks were valued at GH¢136,031, making up less than one percent. (Figure 5.9.9).

Figure 5.27: Components of opening stocks in the Service sector in Upper East region



The distribution of overall stock according to activity group in the sector as presented in Table 5.34 shows that majority (98.2%) of the stocks are held by establishments in the Human health and social work activities sub-sector (GH¢314.2 million), with each of the remaining sub-sectors having a share of less than one percent.

The Table further shows that out of the total of GH¢316.6 million worth of consumables and supplies in stock at the beginning of the 2013 financial year, establishments engaged in Human health activities held almost all (99.0%), amounting to GH¢313.4 million, with those involved in security and investigative activities recording the least (GH¢10).

In the case of goods purchased for resale, the total value of stocks amounting to GH¢3.3 million, was mainly held by establishments engaged in Food and beverage service activities (GH¢1.3 million), Human health activities (GHC761,343) and other personal service activities (GH¢665,122). These together contribute more than eighty percent to the total stock. Gambling and betting (GH¢350) and postal and courier (GHC388) services were the activities with the least opening stock in the sector.

Establishments that engaged other personal service activities had 5.1 percent (GH¢6,876) while the remaining activities recorded less than five percent each.

Table 5.34: Value of stocks at beginning of the year for the Service sector- Upper East region

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services - Upper East	320,060,905	316,623,052	3,301,822	136,031	100	100	100	100
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,114	2,114	0	0	0.0	0.0	0.0	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,114	2,114	0	0	0.0	0.0	0.0	0.0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	0.0	0.0	0.0	0.0
Retail trade, except of motor vehicles and motorcycles	0	0	0	0	0.0	0.0	0.0	0.0
Transportation and storage	4,747	4,359	388	0	0.0	0.0	0.0	0.0
Land transport and transport via pipelines	1,962	1,962	0	0	0.0	0.0	0.0	0.0
Water transport	0	0	0	0	0.0	0.0	0.0	0.0
Air transport	0	0	0	0	0.0	0.0	0.0	0.0
Warehousing and support activities for transportation	2,287	2,287	0	0	0.0	0.0	0.0	0.0
Postal and courier activities	498	110	388	0	0.0	0.0	0.0	0.0
Accommodation and food service activities	2,021,148	460,939	1,521,209	39,000	0.6	0.1	46.1	28.7
Accommodation	266,879	23,078	204,801	39,000	0.1	0.0	6.2	28.7
Food and beverage service activities	1,754,269	437,861	1,316,408	0	0.5	0.1	39.9	0.0
Information and communication	38,041	26,465	11,576	0	0.0	0.0	0.4	0.0
Publishing activities	0	0	0	0	0.0	0.0	0.0	0.0
Motion picture, video and television programme production, sound recording	5,090	4,490	600	0	0.0	0.0	0.0	0.0
Programming and broadcasting activities	1,870	1,870	0	0	0.0	0.0	0.0	0.0
Telecommunications	20,580	19,155	1,425	0	0.0	0.0	0.0	0.0
Computer programming, consultancy and related activities	0	0	0	0	0.0	0.0	0.0	0.0
Information service activities	10,501	950	9,551	0	0.0	0.0	0.3	0.0
Financial and insurance activities	142,550	133,550	9,000	0	0.0	0.0	0.3	0.0
Financial service activities, except insurance and pension funding	142,550	133,550	9,000	0	0.0	0.0	0.3	0.0
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0.0	0.0	0.0	0.0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0.0	0.0	0.0	0.0
Real estate activities	500	500	0	0	0.0	0.0	0.0	0.0
Real estate activities	500	500	0	0	0.0	0.0	0.0	0.0
Professional, scientific and technical activities	104,627	72,127	27,100	5,400	0.0	0.0	0.8	4.0
Legal and accounting activities	100	100	0	0	0.0	0.0	0.0	0.0
Activities of head offices; management consultancy activities	10,046	10,046	0	0	0.0	0.0	0.0	0.0
Architectural and engineering activities; technical testing and analysis	7,861	7,861	0	0	0.0	0.0	0.0	0.0
Scientific research and development	932	932	0	0	0.0	0.0	0.0	0.0
Advertising and market research	0	0	0	0	0.0	0.0	0.0	0.0
Other professional, scientific and technical activities	85,688	53,188	27,100	5,400	0.0	0.0	0.8	4.0
Veterinary activities	0	0	0	0	0.0	0.0	0.0	0.0

Table 5.34: Value of stocks at beginning of the year for the Service sector- Upper East region(Cont'd)

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Administrative and support service activities	162,421	103,483	50,081	8,857	0.1	0.0	1.5	6.5
Rental and leasing activities	4,191	107	584	3,500	0.0	0.0	0.0	2.6
Employment activities	0	0	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	250	250	0	0	0.0	0.0	0.0	0.0
Security and investigation activities	10	10	0	0	0.0	0.0	0.0	0.0
Services to buildings and landscape activities	1,856	1,856	0	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	156,114	101,260	49,497	5,357	0.0	0.0	1.5	3.9
Education	2,075,448	2,013,073	56,375	6,000	0.6	0.6	1.7	4.4
Education	2,075,448	2,013,073	56,375	6,000	0.6	0.6	1.7	4.4
Human health and social work activities	314,226,687	313,395,446	761,343	69,898	98.2	99.0	23.1	51.4
Human health activities	314,192,262	313,361,021	761,343	69,898	98.2	99.0	23.1	51.4
Residential care activities	592	592	0	0	0.0	0.0	0.0	0.0
Social work activities without accommodation	33,833	33,833	0	0	0.0	0.0	0.0	0.0
Arts, entertainment and recreation	63,117	37,767	25,350	0	0.0	0.0	0.8	0.0
Creative, arts and entertainment activities	60,551	35,551	25,000	0	0.0	0.0	0.8	0.0
Libraries, archives, museums and other cultural activities	300	300	0	0	0.0	0.0	0.0	0.0
Gambling and betting activities	2,266	1,916	350	0	0.0	0.0	0.0	0.0
Sports activities and amusement and recreation activities	0	0	0	0	0.0	0.0	0.0	0.0
Other service activities	1,219,506	373,230	839,400	6,876	0.4	0.1	25.4	5.1
Activities of membership organizations	117,621	96,331	21,290	0	0.0	0.0	0.6	0.0
Repair of computers and personal and household goods	187,600	34,611	152,989	0	0.1	0.0	4.6	0.0
Other personal service activities	914,286	242,288	665,122	6,876	0.3	0.1	20.1	5.1

5.10.10 Value of stocks at the beginning of the year for the Service sector in Upper West Region

Figure 5.28 illustrates the composition of stocks which were held by the Services sector establishments in the Upper West region at the beginning of the 2013 financial year. The Figure shows that more than half of the opening stock of GH¢5.7 million Ghana was consumables and supplies (GH¢3.0 million), while 46.0 percent were goods purchased for resale (GH¢2.6 million). The remaining were classified as other stocks with a value of GH¢19,724.

Figure 5.28: Composition of opening stocks in the Services sector in Upper West region

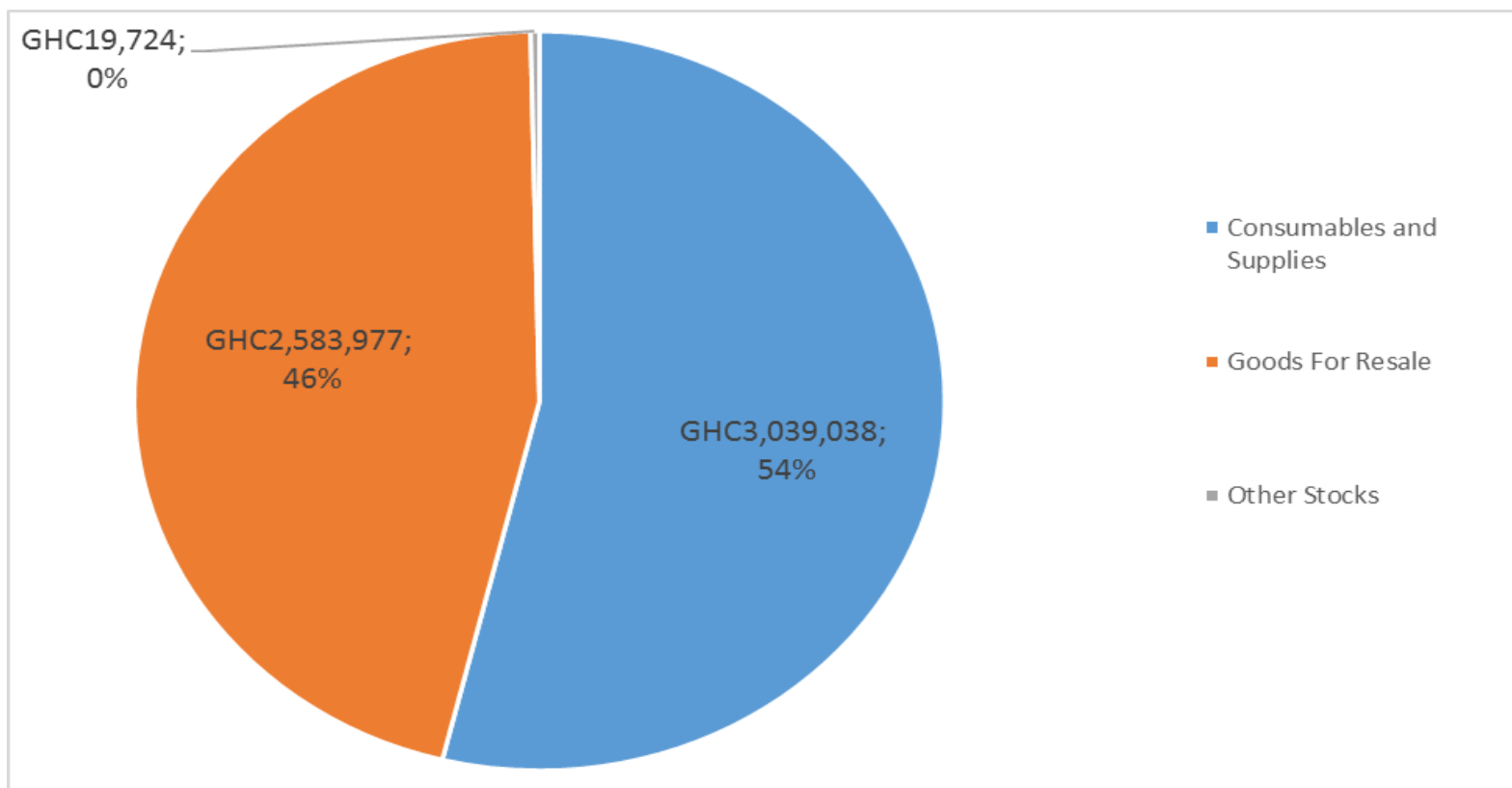


Table 5.35 shows that establishments engaged in the Accommodation and food service activities sub-sector (GH¢2.6 million) has the largest share (45.3%) of the total stocks valued at GH¢5.6 million. This is followed by those in Human health and social work activities (GH¢889,828), other service activities (GH¢628,966) and Education (GH¢592,611) sub-sectors which together had more than one-third of the stocks. Each of the remaining activity groups recorded less than five percent of the stocks.

The Table further shows the activity level, for consumables and supplies worth GH¢3.0 million, more than one-quarter belonged to establishments engaged in Human health activities (GHC 872,982), about one-fifth each was for Food and beverages service activities (GH¢683,620), and Education services activities (GH¢530,739) while about one-tenth was for

Financial service activities, except insurance and pension funding (GH¢324,098). Each of the remaining activities had less than ten percent of the consumables and supplies held by the sector.

In the case of goods purchased for resale, about seventy percent of a total of GH¢2.6 million worth of goods in stock were for establishments engaged in Accommodation and food service activities (GH¢1.8 million). This is followed by other service activities with about one-tenth (GH¢ 358,805). The rest of the activities accounted for a share of less than ten percent each.

The Table also shows that for stocks other than consumables and supplies and goods purchased for resale, the highest value was for Accommodation and food service activities (GH¢6,071), followed by Education (GH¢5,301), and Professional, scientific and technical activities (GH¢3,700). Establishments engaged in Human health activities (GH¢478) recorded the least value of stock.

Table 5.35: Value of stocks at beginning of the year in the Service sector in Upper West region

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
All Services - Upper West	5,642,739	3,039,038	2,583,977	19,724	100	100	100	100
Wholesale and retail trade; repair of motor vehicles and motorcycles	36,078	7,478	28,600	0	0.6	0.2	1.1	0.0
Wholesale and retail trade and repair of motor vehicles and motorcycles	10,371	7,418	2,953	0	0.2	0.2	0.1	0.0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	0.0	0.0	0.0	0.0
Retail trade, except of motor vehicles and motorcycles	25,707	60	25,647	0	0.5	0.0	1.0	0.0
Transportation and storage	231,836	230,225	1,611	0	4.1	7.6	0.1	0.0
Land transport and transport via pipelines	229,615	228,129	1,486	0	4.1	7.5	0.1	0.0
Water transport	0	0	0	0	0.0	0.0	0.0	0.0
Air transport	60	60	0	0	0.0	0.0	0.0	0.0
Warehousing and support activities for transportation	70	70	0	0	0.0	0.0	0.0	0.0
Postal and courier activities	2,091	1,966	125	0	0.0	0.1	0.0	0.0
Accommodation and food service activities	2,557,068	734,576	1,816,421	6,071	45.3	24.2	70.3	30.8
Accommodation	342,712	50,956	288,328	3,428	6.1	1.7	11.2	17.4
Food and beverage service activities	2,214,356	683,620	1,528,093	2,643	39.2	22.5	59.1	13.4
Information and communication	12,243	8,133	1,860	2,250	0.2	0.3	0.1	11.4
Publishing activities	1,268	18	0	1,250	0.0	0.0	0.0	6.3
Motion picture, video and television programme production, sound recording	3,460	1,500	960	1,000	0.1	0.0	0.0	5.1
Programming and broadcasting activities	4,980	4,980	0	0	0.1	0.2	0.0	0.0
Telecommunications	2,535	1,635	900	0	0.0	0.1	0.0	0.0
Computer programming, consultancy and related activities	0	0	0	0	0.0	0.0	0.0	0.0
Information service activities	0	0	0	0	0.0	0.0	0.0	0.0
Financial and Insurance activities	547,199	324,868	222,331	0	9.7	10.7	8.6	0.0
Financial service activities, except insurance and pension funding	546,429	324,098	222,331	0	9.7	10.7	8.6	0.0
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0.0	0.0	0.0	0.0
Activities auxiliary to financial service and insurance activities	770	770	0	0	0.0	0.0	0.0	0.0
Professional, scientific and technical activities	15,768	8,268	3,800	3,700	0.3	0.3	0.1	18.8
Legal and accounting activities	6,750	3,050	0	3,700	0.1	0.1	0.0	18.8
Activities of head offices; management consultancy activities	232	232	0	0	0.0	0.0	0.0	0.0
Architectural and engineering activities; technical testing and analysis	1,553	1,553	0	0	0.0	0.1	0.0	0.0
Scientific research and development	0	0	0	0	0.0	0.0	0.0	0.0
Advertising and market research	0	0	0	0	0.0	0.0	0.0	0.0
Other professional, scientific and technical activities	7,233	3,433	3,800	0	0.1	0.1	0.1	0.0
Veterinary activities	0	0	0	0	0.0	0.0	0.0	0.0

Table 5.35: Value of stocks at beginning of the year in the Service sector in Upper West region(Cont'd)

Industry (2-DIGIT ISIC)	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks	Overall Stock	Consumables and Supplies	Goods For Resale	Other Stocks
	Amount (GH¢)				Percent			
Administrative and support service activities	128,087	61,619	66,468	0	2.3	2.0	2.6	0.0
Rental and leasing activities	199	199	0	0	0.0	0.0	0.0	0.0
Employment activities	0	0	0	0	0.0	0.0	0.0	0.0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0.0	0.0	0.0	0.0
Security and investigation activities	384	384	0	0	0.0	0.0	0.0	0.0
Services to buildings and landscape activities	0	0	0	0	0.0	0.0	0.0	0.0
Office administrative, office support and other business support activities	127,504	61,036	66,468	0	2.3	2.0	2.6	0.0
Education	592,611	530,739	56,571	5301	10.5	17.5	2.2	26.9
Education	592,611	530,739	56,571	5,301	10.5	17.5	2.2	26.9
Human health and social work activities	889,828	862,841	26,509	478	15.8	28.4	1.0	2.4
Human health activities	872,982	845,995	26,509	478	15.5	27.8	1.0	2.4
Residential care activities	704	704	0	0	0.0	0.0	0.0	0.0
Social work activities without accommodation	16,142	16,142	0	0	0.3	0.5	0.0	0.0
Arts, entertainment and recreation	3,056	2,056	1,000	0	0.1	0.1	0.0	0.0
Creative, arts and entertainment activities	0	0	0	0	0.0	0.0	0.0	0.0
Libraries, archives, museums and other cultural activities	300	300	0	0	0.0	0.0	0.0	0.0
Gambling and betting activities	2,716	1,716	1,000	0	0.0	0.1	0.0	0.0
Sports activities and amusement and recreation activities	40	40	0	0	0.0	0.0	0.0	0.0
Other service activities	628,966	268,237	358,805	1924	11.1	8.8	13.9	9.8
Activities of membership organizations	91,396	91,396	0	0	1.6	3.0	0.0	0.0
Repair of computers and personal and household goods	121,471	16,820	103,843	808	2.2	0.6	4.0	4.1
Other personal service activities	416,100	160,021	254,963	1,116	7.4	5.3	9.9	5.7

5.11 Analysis of Receipts generated in the Service Sector by size of establishment

This section analyzes information collected on receipts of the Service sector establishments classified by size (large, medium, small, and micro). The analysis considers four sources of receipts; receipts for services, sales of goods in the same condition as purchased, other income and subsidies and grants.

The Services sector establishments accrued a total of GH¢224.6 billion from their operations in the 2013 financial year. Figure 5.29 shows that receipts from services (GH¢124.0 billion) is the major source of revenue the sector constituting 55.2 percent. The next major source is receipts from the sale of goods in same condition (GH¢92.3 billion) while other income amounted to GH¢7.9 billion. The least revenue in the sector was from Subsidies and grants, which registered GH¢0.4 billion.

Figure 5.29: Sources of receipts in the Service sector

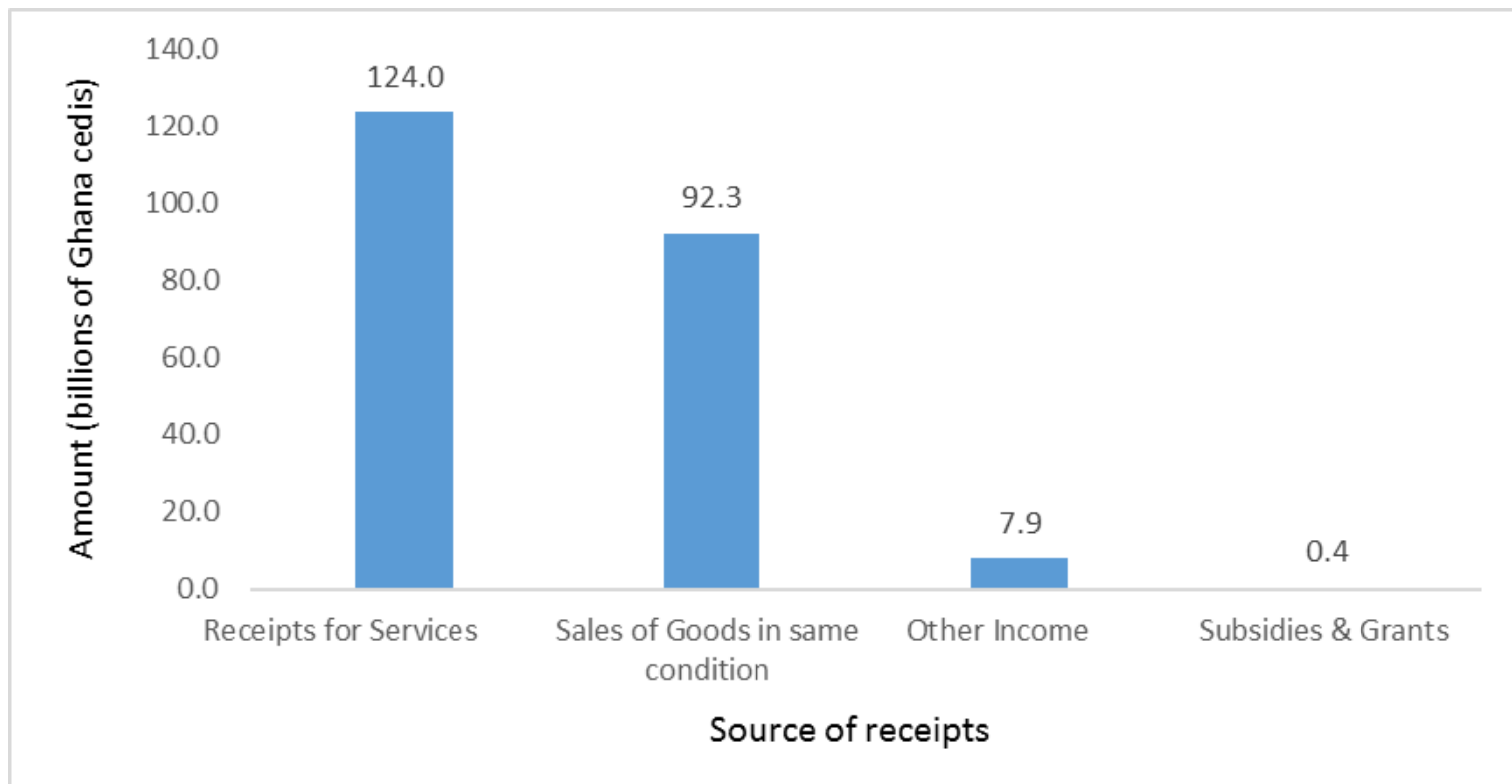


Table 5.36 which presents data on the sources of receipts of establishments classified according to size reveals that, while large-sized businesses may be more into rendering a service rather than sale of goods in same condition, the reverse is the case for small- sized establishments. The Table shows that a significant proportion of the revenue accrued to large-sized establishments are from receipts for services rendered. For instance, out of a total revenue of GH¢61.2 billion generated by large-sized businesses during the 2013 financial year, GH¢49.7 billion representing about eighty percent was from receipts for services rendered, while 13.9 percent was from the sale of goods in the same condition.

Less than five percent of the revenue was other income, and subsidies and grants. On the other hand, 61.6 percent of the GH¢55.0 billion accrued from the operations of micro-sized businesses was from the sale of goods in same condition (GH¢ 33.9 billion) with one-third from receipts for services rendered (GH¢18.5 billion).

Table 5.36: Distribution of receipts in Service sector by size of establishment

Establishment size	Total Receipt	Receipts for Services	Sales of Goods in same condition	Other Income	Subsidies & Grants
In Billion Ghana Cedis					
Overall	224.6	124.0	92.3	7.9	0.4
Large-Sized	61.2	49.7	8.5	2.8	0.1
Medium-Sized	56.9	34.5	21.4	0.9	0.1
Small-Sized	51.6	21.2	28.5	1.7	0.2
Micro-Sized	55.0	18.5	33.9	2.5	0.0
Source of receipts (%)					
Overall	100.0	55.2	41.1	3.5	0.2
Large-Sized	100.0	81.2	13.9	4.6	0.2
Medium-Sized	100.0	60.6	37.6	1.6	0.2
Small-Sized	100.0	41.1	55.2	3.3	0.4
Micro-Sized	100.0	33.6	61.6	4.5	0.0
Contribution to receipts (%)					
Overall	100.0	100.0	100.0	100.0	100.0
Large-Sized	27.2	40.1	9.2	35.4	25.0
Medium-Sized	25.3	27.8	23.2	11.4	25.0
Small-Sized	23.0	17.1	30.9	21.5	50.0
Micro-Sized	24.5	14.9	36.7	31.6	0.0

In terms of the establishment's contribution to the various components of receipts, large-sized (GH¢49.7 billion or 40.1%) and medium-sized (GH¢34.5 billion or 27.8%) businesses contribute to most of the receipts accrued from services rendered, together accounting for a little more than two-thirds. About the same proportion is contributed to revenue generated from sale of goods in same condition by micro-sized (GH¢33.9 billion or 36.7%) and small-sized (GH¢28.5 billion or 30.9%) businesses together. Similarly, large-sized (GH¢2.8 billion or 35.4%) and micro-sized (GH¢2.5 billion or 31.6%) businesses together dominate the operations of activities in the sector that contribute to other income (GH¢7.9 billion) with a contribution of 66.0 percent. Furthermore, small-sized businesses (GH¢200.0 million) receive subsidies and grants which is double that of medium-sized (GH¢100.0 million) and large-sized (GH¢100.0 million) businesses.

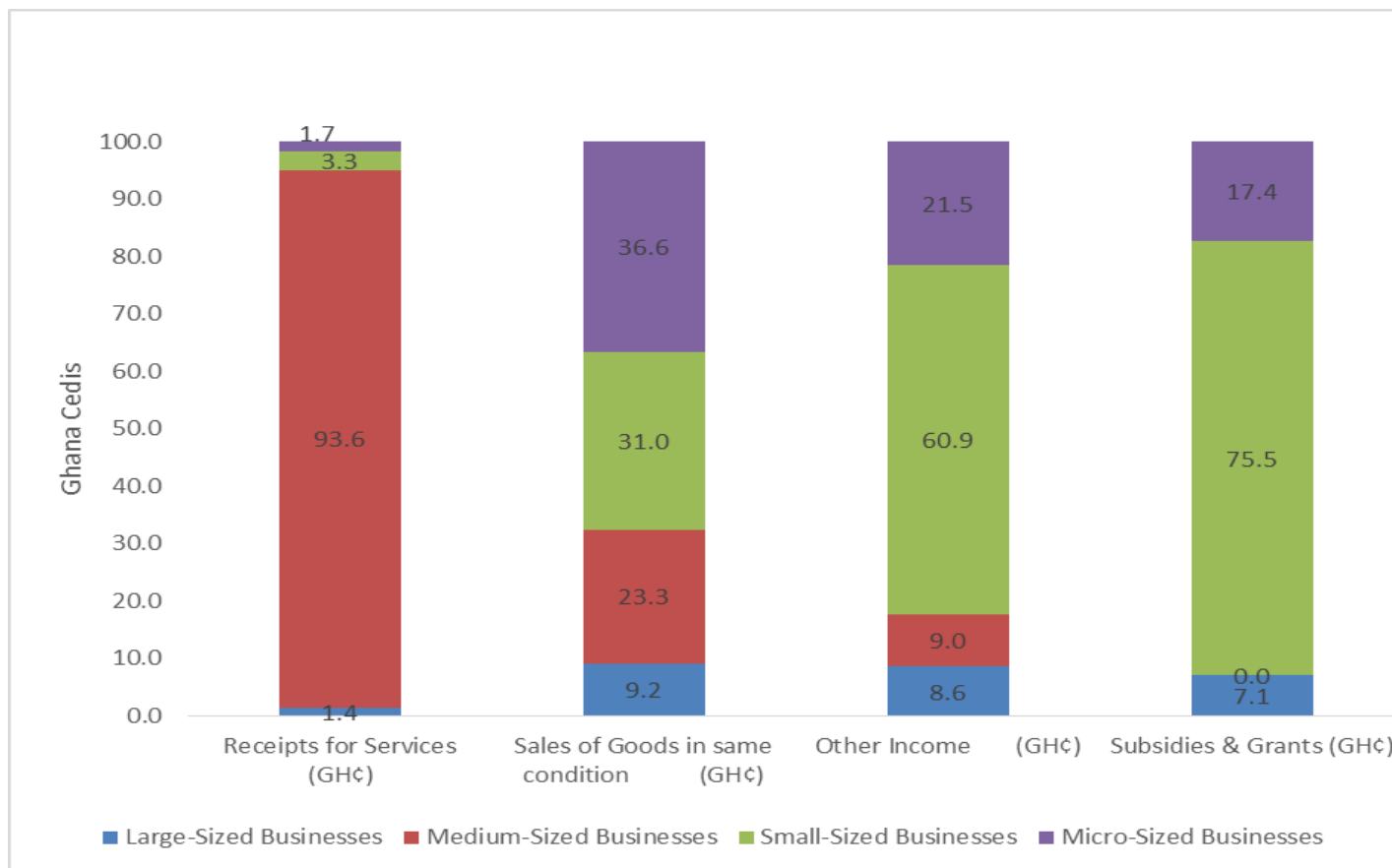
5.11.1 Distribution of receipts of Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector by Size

The wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector generated receipts amounting to GH¢18 billion. Figure 5.30 shows that a large proportion of these receipts (93.6%) was contributed by medium-sized

establishments. The large-sized businesses accounted for only 1.4 percent. Within the subsector, micro-sized (36.6%), small-sized (31.0%) and medium-sized (23.3%) establishments together contributed about ninety percent of the revenue generated from sale of goods in the same condition as purchased (GH¢ 91.5 billion). Large-sized businesses generated less than ten percent.

Additionally, small-sized businesses received about three-quarters (GH¢121.3 million) of grants and subsidies allocated to businesses in the wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, while 17.4 percent went to micro-sized businesses. Large-sized businesses received the least share (7.1%).

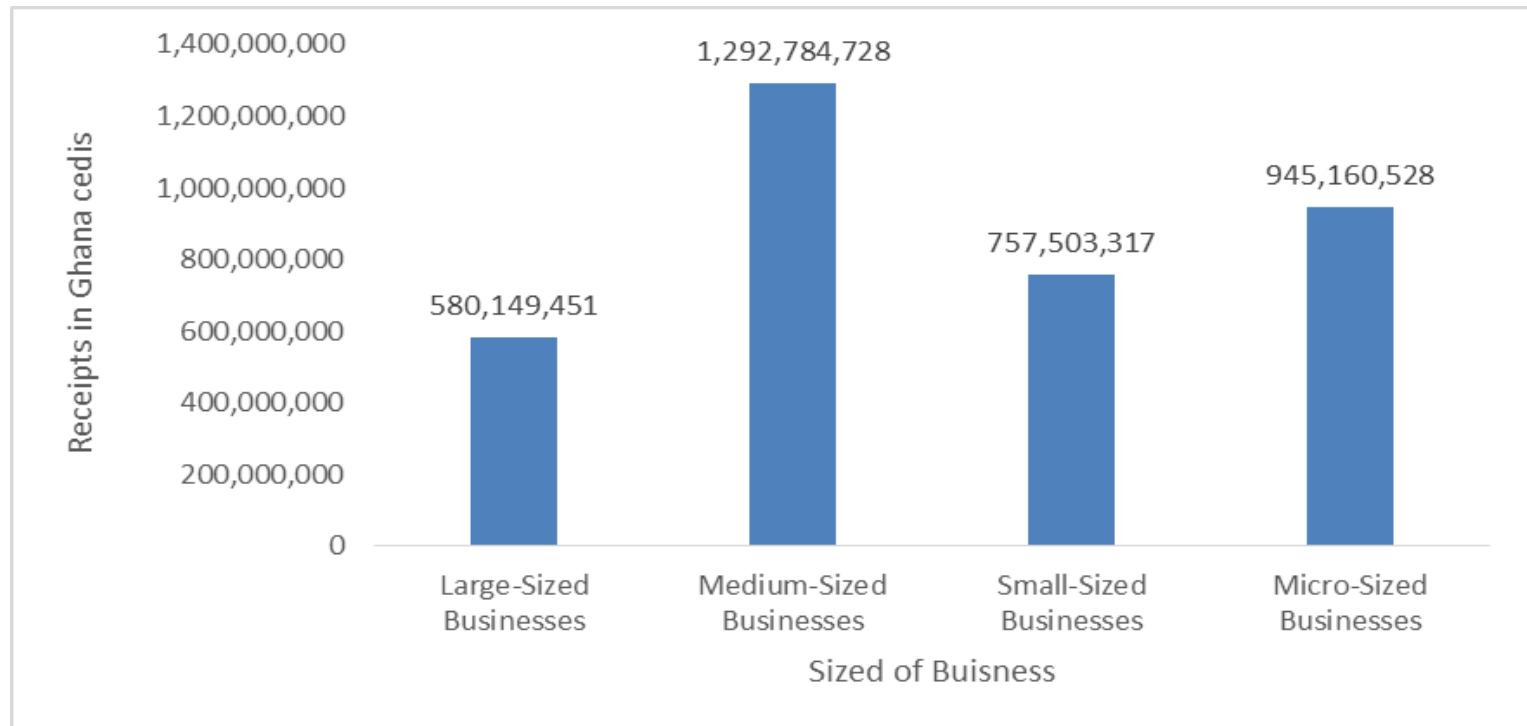
Figure 5.30: Distribution of receipts in the Wholesale and retail trade, repair of motor vehicles and motorcycles sub-sector by Size



5.11.2 Distribution of Receipts in the Transportation and Storage sub-sector by Size

The transportation and storage sub-sector generated a total receipt of GH¢3,575,598,025. The large-sized establishments accounted for only GH¢580 million while medium-sized businesses accounted for GH¢ 1.2 billion. The small and micro sized businesses generated GH¢757 million and GH¢945 million respectively (Figure 5.31).

Figure 5.31: Distribution of Receipts in the Transportation and storage sub- sector by Size

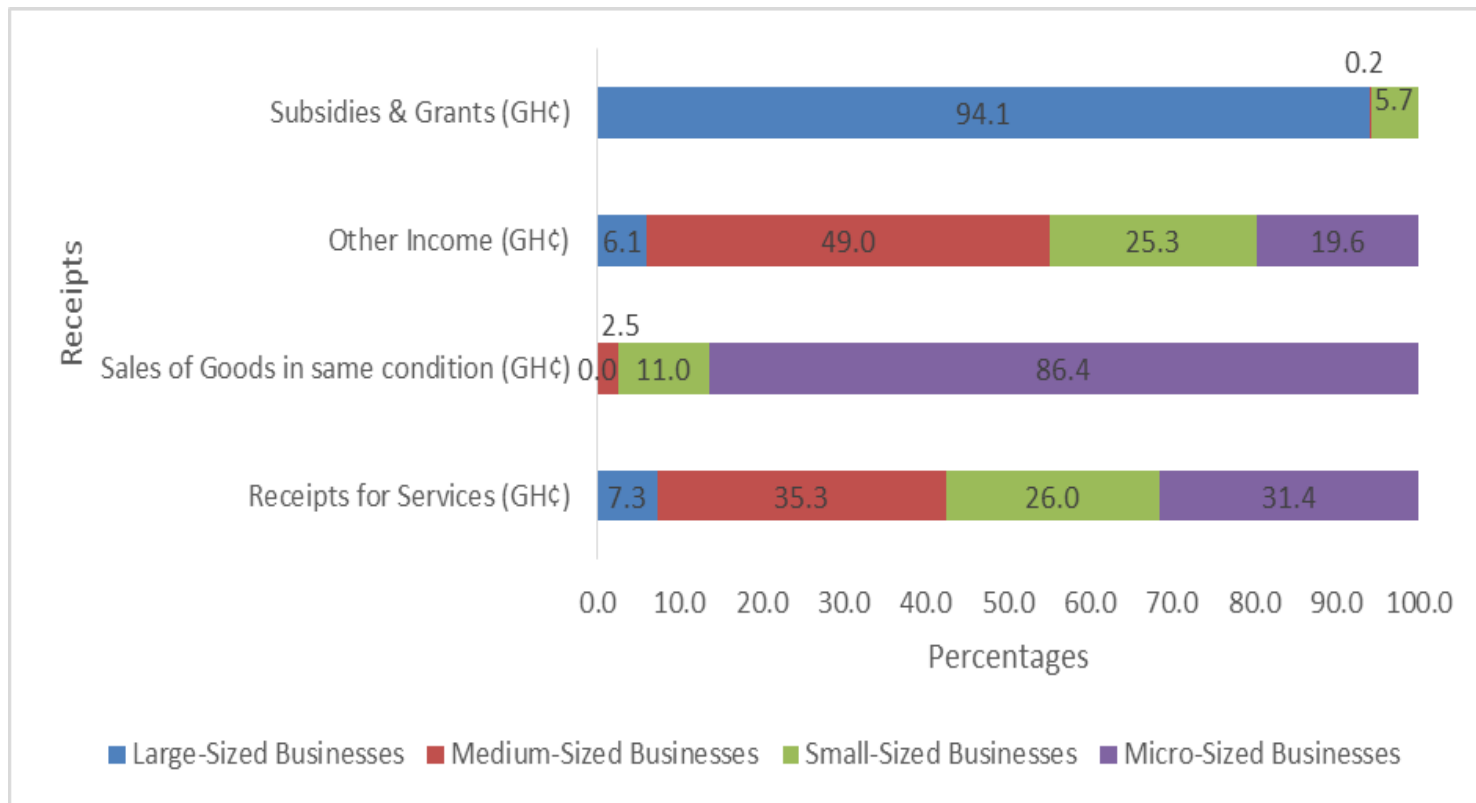


5.11.3 Distribution of Receipts in the Accommodation and Food Service activities sub-sector by Size

Figure 5.32 presents the distribution of receipts from activities of accommodation and food service establishments according to size of business. Large-sized businesses received GH¢11.7 million, representing 94.1 percent of grants and subsidies. These establishments however, contributed the least revenue to receipts for services and other income (7.3% and 6.1% respectively).

More than four-fifths (86.4%) of revenue accrued from the sale of goods in the same condition as purchased was contributed by micro-sized businesses. The largest contributor to receipts for service rendered and other income were medium-sized businesses (35.3% and 49.0% respectively). Nevertheless, small-sized businesses generated a little more than one-quarter each to these two sources of revenue to the sub-sector.

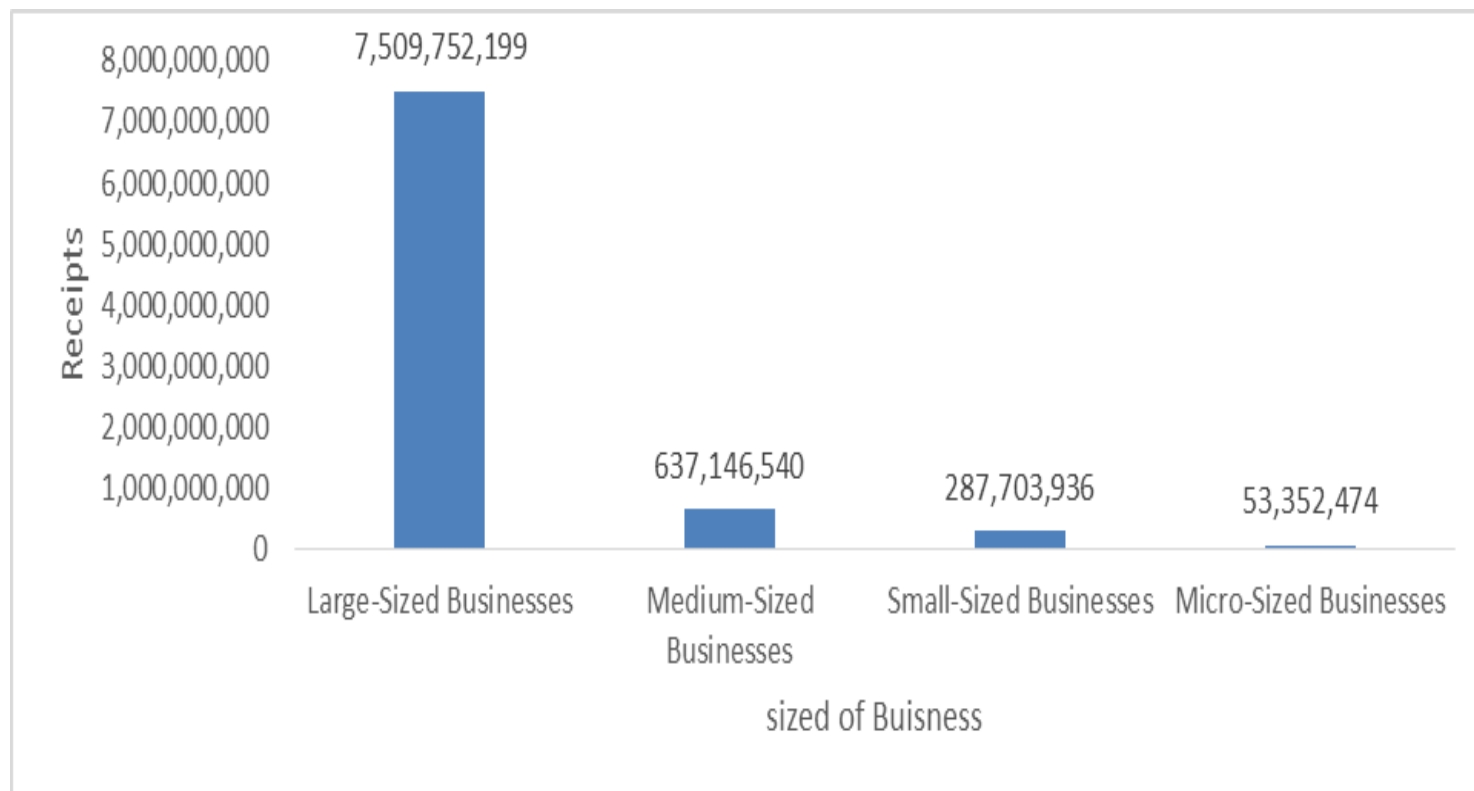
Figure 5.32: Distribution of receipts from activities of accommodation and food service sub-sector by Size



5.11.4 Distribution of Receipts in the Information and communication activities sub sector by Size

The Information and communication activities sub-sector generated receipts amounting to GH¢8,487,955,147. Within the sub-sector, the large-sized businesses accounted for 88.5 percent while micro-sized businesses accounted for only 0.6 percent (Figure 5.33).

Figure 5.33: Distribution of Receipts in the Information and communication activities sub-sector by Size



5.11.5 Distribution of Receipts in the Financial and Insurance activities sub-sector by Size

Figure 5.34 presents the distribution of the total of GH¢82.9 billion receipts accrued to the financial and insurance activities sub-sector. Large-sized businesses contributed about half each to revenue accrued from receipts for services rendered and other income, but did not benefit from subsidies and grants to businesses in the sub-sector. In the case of revenue generated through sale of goods in the same condition as purchased, more than three-quarters (78.1%) was contributed by micro-sized businesses while small-sized businesses accounted for 14.5 percent.

The Figure also reveals that, though medium-sized businesses benefited from about half of the total sum of GH¢6.5 of subsidies and grants received by establishments in this subsector, they contributed the least revenue to sale of goods in same condition as purchased and receipts for services rendered (7.3% and 10.5% respectively). Small-sized businesses accounted for 38.4 percent and 19.1 percent respectively.

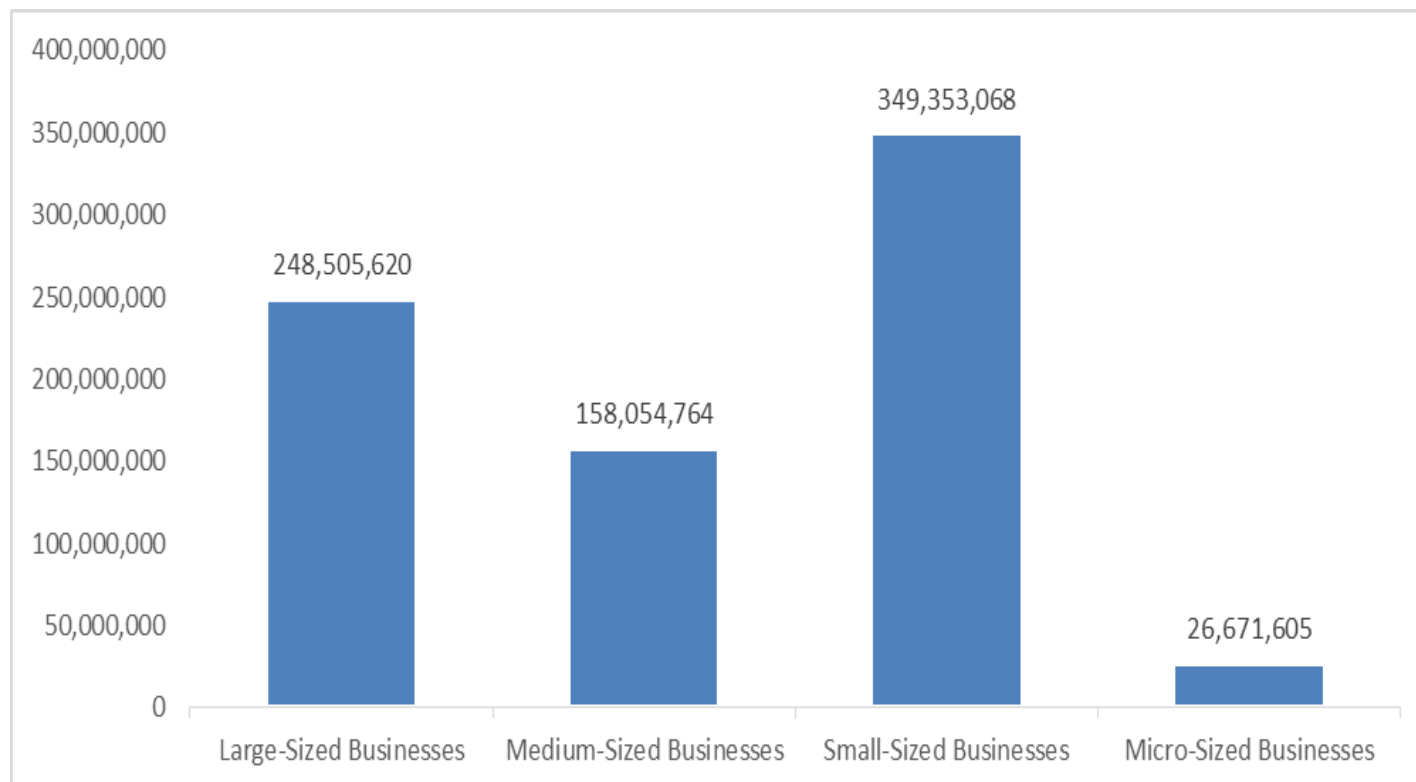
Figure 5.34: Distribution of Receipts in the Financial and insurance activities sub-sector by Size



5.11.6 Distribution of Receipts in the Real Estate activities sub-sector by Size

The real estate activities sub-sector generated a total of GH¢782,585,058 in receipts. Within the sub-sector, small-sized businesses accounted for the largest proportion of GH¢349 million while micro-sized businesses accounted for GH¢ 26.6 million (Figure 5.35).

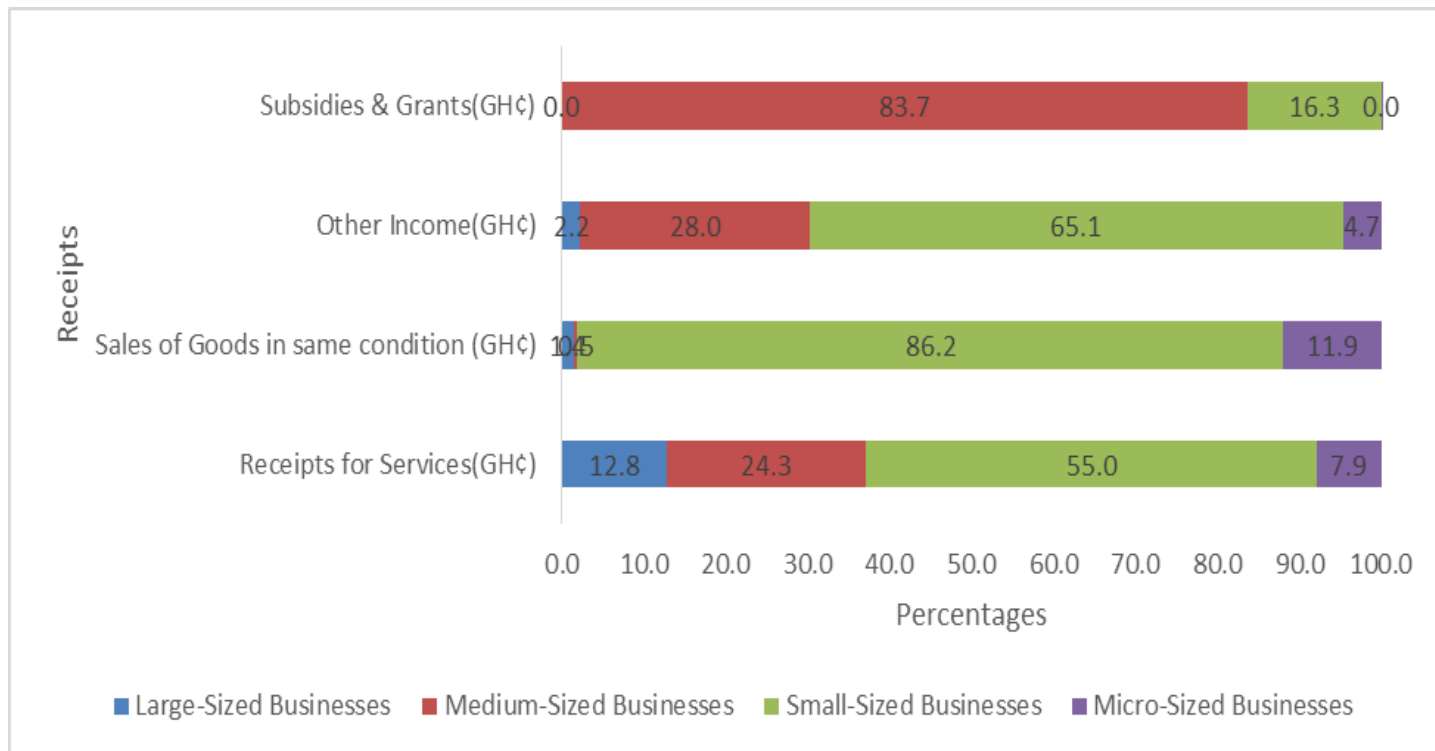
Figure 5.35: Distribution of receipts in the Real Estate Activities sub-sector by Size



5.11.7 Distribution of Receipt in the Professional, scientific and technical activities sub-sector by Size

Figure 5.36 shows the distribution of receipts from the professional, scientific and technical activities sub-sector according to size of business. The total receipts from activities of businesses in this sub-sector was GH¢141.5 million. More than four-fifths (86.2%) of revenue accrued from the sale of goods in same condition as purchased was from small-sized businesses. Similarly, small-sized establishments contributed more than half of revenue from services rendered and other income. Medium-sized businesses on the other hand, received the largest share of subsidies and grants (83.7%) and about one-quarter of receipts for services and more than one-quarter of other income.

Figure 5.36: Distribution of receipts in the Professional, scientific and technical activities sub-sector by Size

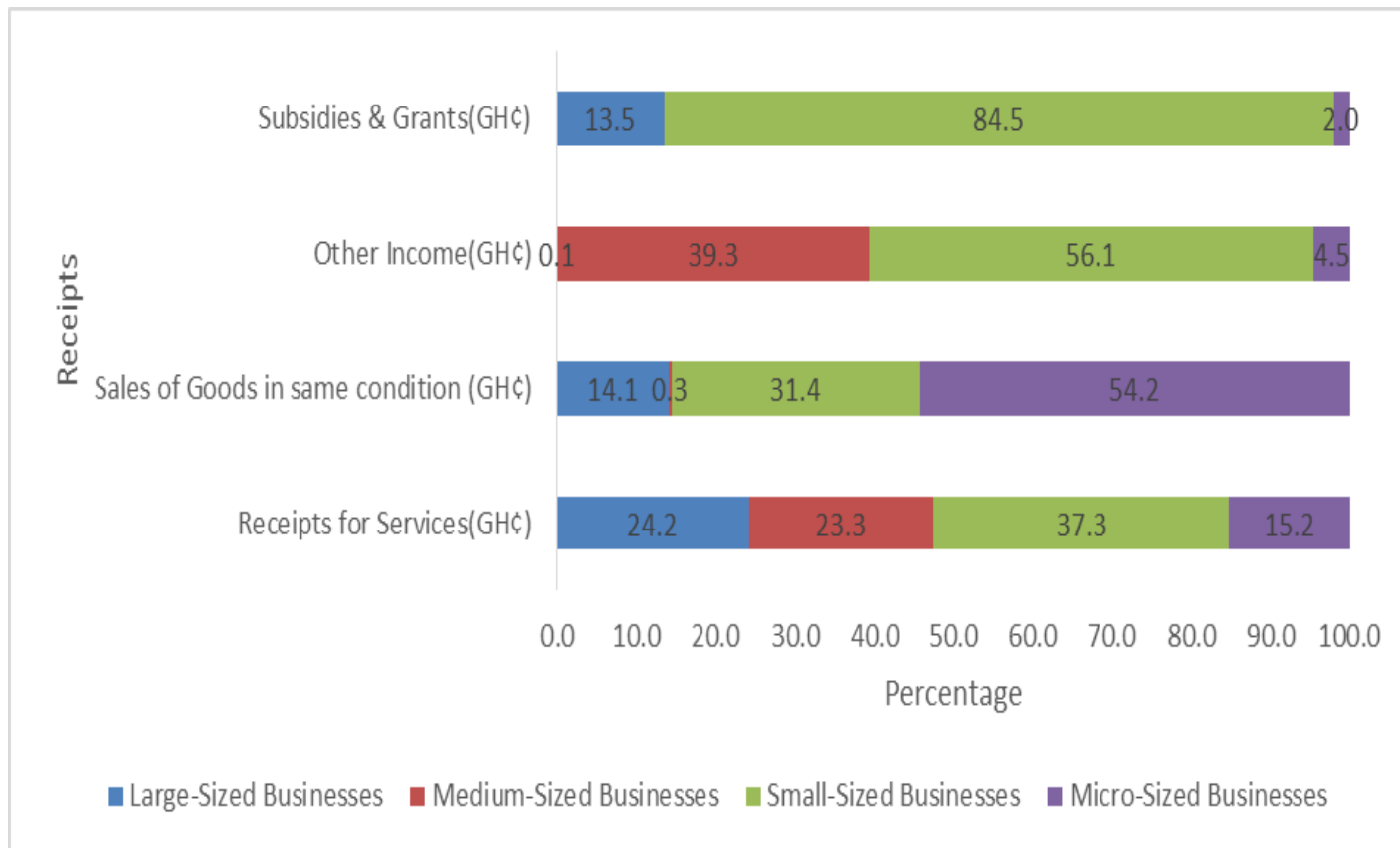


5.11.8 Distribution of Receipts in the Administrative and support service activities sub-sectors by Size

The distribution of receipts generated in the administrative and support service activities sub-sector as illustrated in Figure 5.37 indicates that, small-sized (37.3%) and large-sized (24.2%) businesses together accounted for a little more than sixty percent of total receipts from services rendered. In the case of revenue accruing from sale of goods in the same condition as purchased, the micro-sized businesses accounted for more than half (54.2%) of the total receipts of 4GH¢5.1 million while about one-third (31.5%) was from small-sized businesses.

The distribution of almost three million Ghana Cedis of grants and subsidies shows that small-sized businesses recorded the largest share of 84.5 percent, while only 13.5 percent was received by large-sized businesses. Micro-sized businesses had the least share of the grants and subsidies (2.0%).

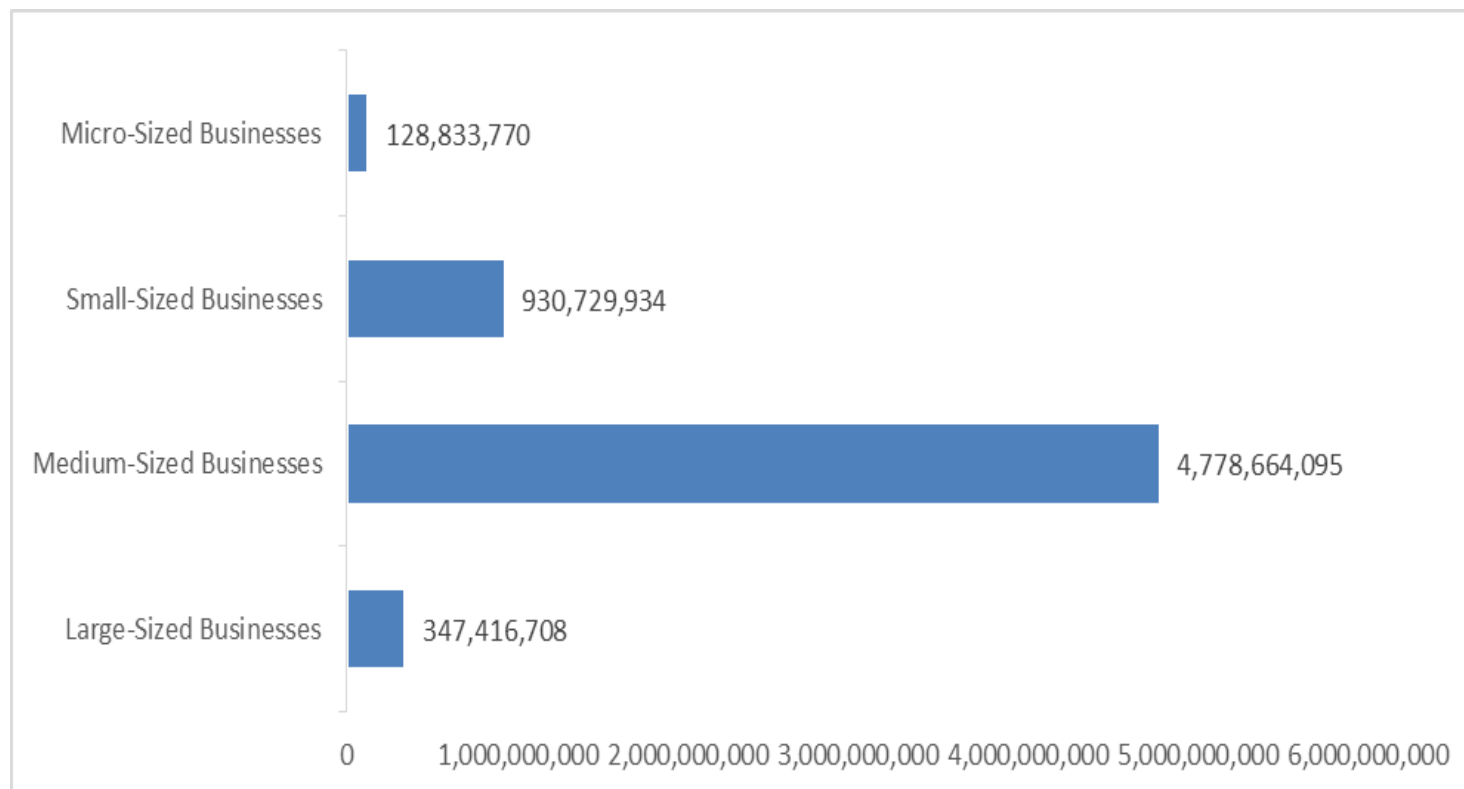
Figure 5.37: Distribution of Receipts in the Administrative and support service activities sub-sector by Size



5.11.9 Distribution of Receipts Education sub sectors by Size of Business

The Education sub-sector receipts accounted to a total of GH¢ **6.1 billion**. Within the sub sector, medium size business accounted for GH¢ **4.8 billion** of receipts generated while micro sized businesses accounted for GH¢ 128.8 million.

Figure 5.38 Distribution of Receipts in the Education sub-sectors by Size of Business



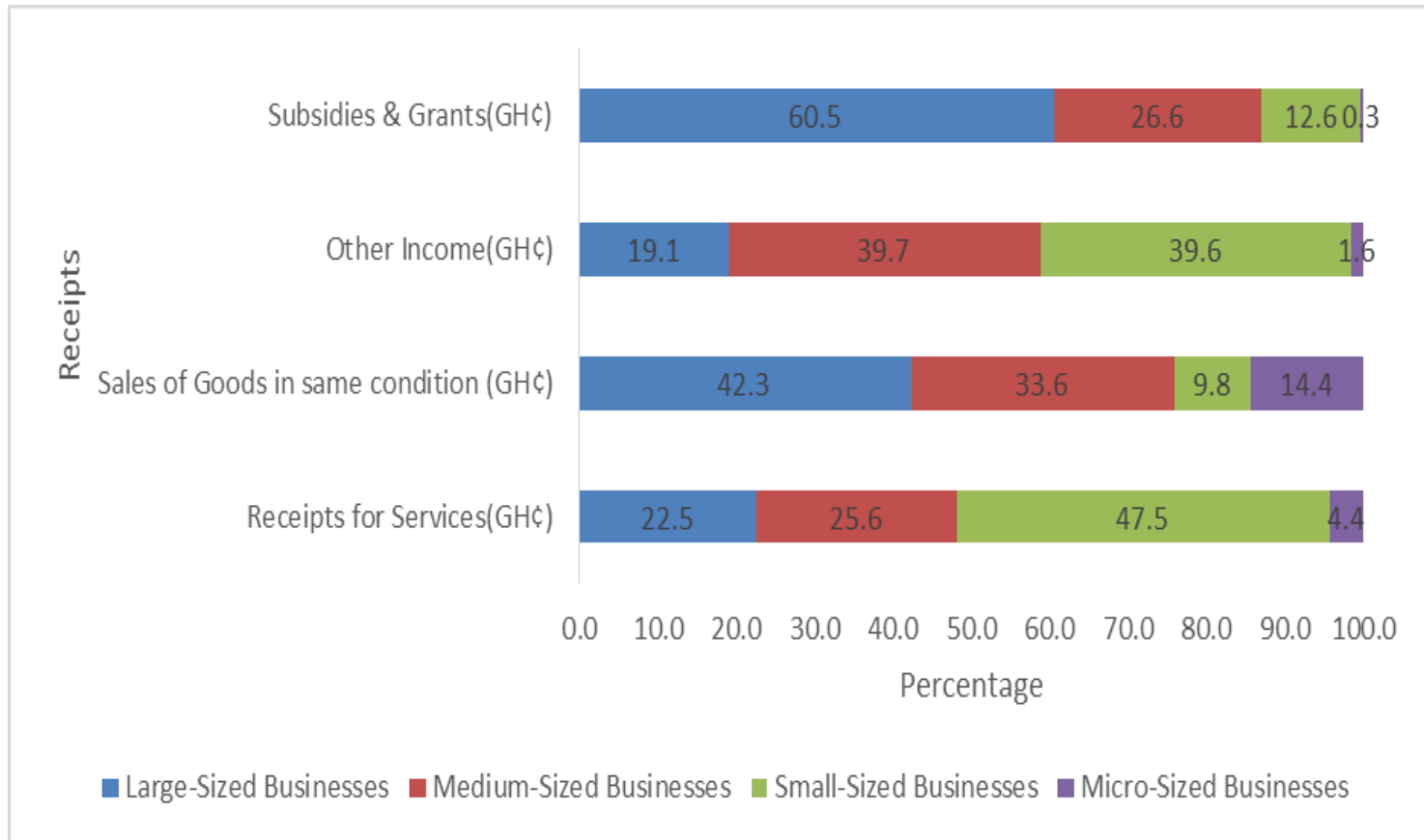
5.11.10 Percentage Distribution of Receipts in the Human Health and Social Work Activities sub sectors by Size of Business

Figure 5.39 illustrates the various sources of GH¢1.8 billion receipts accrued to the human health and social work activities sub-sector. Among the different establishment sizes operating in the sub-sector, medium-sized businesses generated more than one-third each of receipts from other income and sale of goods in same condition (39.7% and 33.6% respectively). Furthermore, it generated about one-quarter of receipts from services rendered and benefited a little more than one-quarter of subsidies and grants allocated to establishments operating in this subsector.

The Figure further reveals that, large-sized businesses benefited the most, of about 60.5 percent of GH¢58.1 million subsidies and grants given to establishments operating in the sub-sector, and similarly generated 42.3 percent, being the largest share of GH¢31.1 million receipts from sales of goods in same condition. It was however the third contributor to receipts from other income and services rendered (19.1% and 22.5% respectively).

Almost half (47.5%) of receipts for services and almost forty percent of receipts from other income were generated by small-sized businesses. But it however received a little more than one-tenth of subsidies and grants to establishments operating in the sub-sector. It is worth noting that, micro-sized businesses were the least contributors to receipts for services and other income (4.4% and 1.6% respectively).

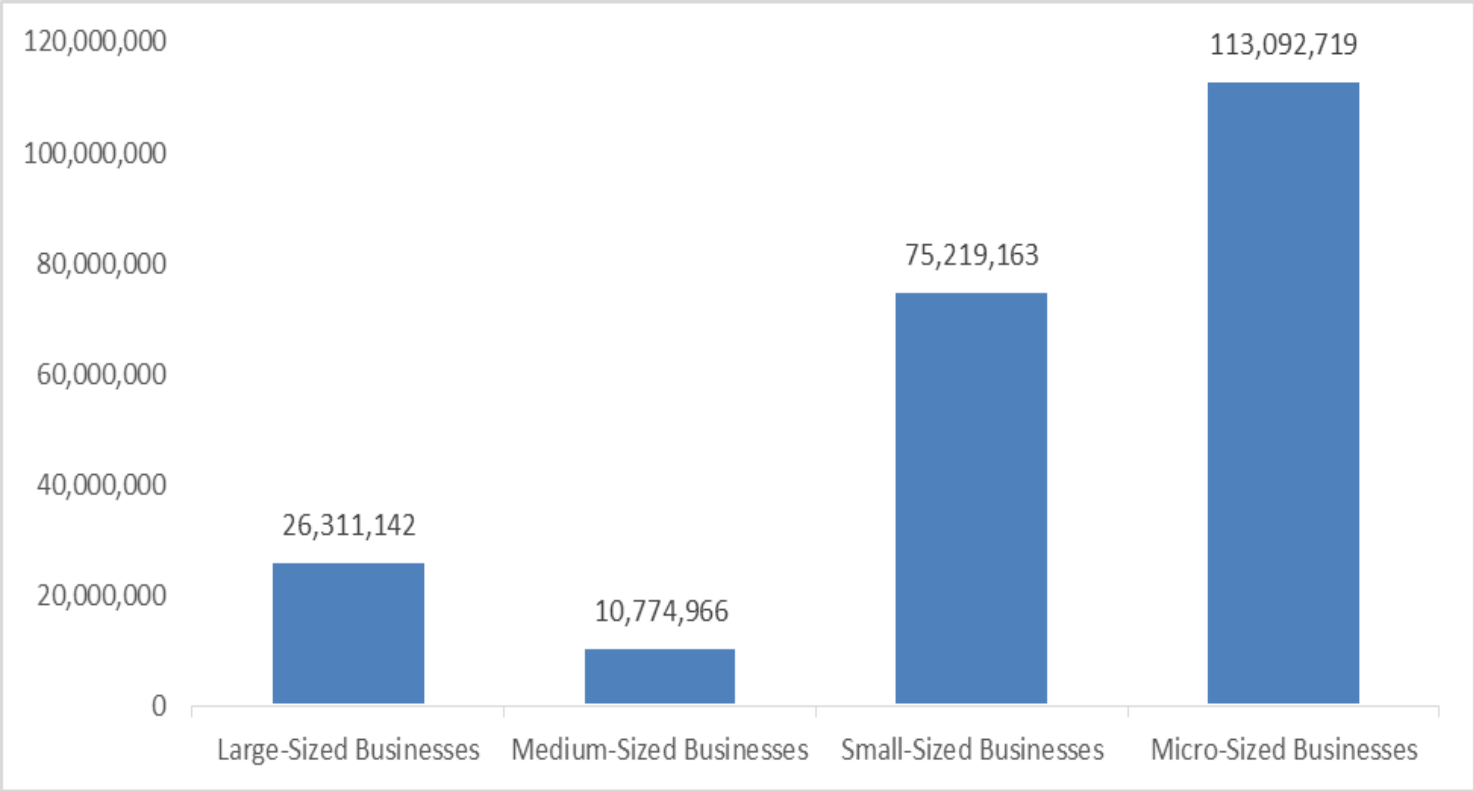
Figure 5.39 Percentage Distribution of Receipts in the Human Health and Social Work Activities sub sectors by Size of Business



5.11.11 Percentage Distribution of Receipts in the Arts, Entertainment and Recreation sub-sectors by Size of Business

The Arts, entertainment and recreation sub-sector generated a total receipt of GH¢225,397,989 with micro-sized businesses accounting for GH¢113 million while medium-sized businesses accounted for GH¢10.8 million. The contribution of small-sized establishments was about half that of the micro-sized establishments (Figure 5.40).

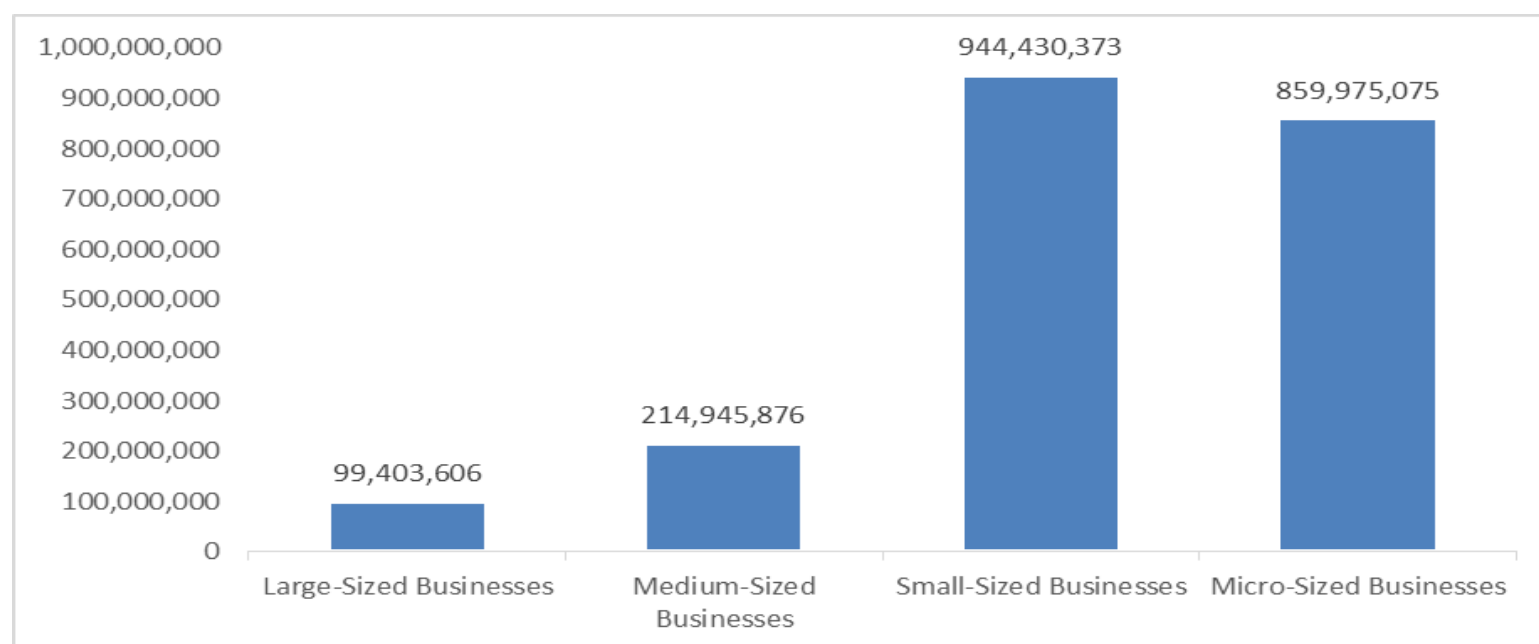
Figure 5.40: Distribution of receipts in the Arts, Entertainment and Recreation sub-sector by Size



5.11.12 Distribution of Receipts in the Other Service Activities sub-sector by Size

The Other service activities sub-sector generated a total of GH¢2.1 billion out of which small-sized businesses accounted for GH¢944.4 million followed by micro-sized businesses with GH¢859.9 million. Large-sized establishment had the lowest share (Figure 5.41).

Figure 5.41: Distribution of receipts in the Other Service Activities sub-sector by Size



5.12 Analysis of Receipts in the Services Sector

This section presents an analysis of receipts of establishments in the Services sector under the four categories namely; receipts for services, sales of goods and services in the same condition as purchased, other income and subsidies and grants.

Table 5.37 shows the distribution of the GH¢224.6 billion generated by establishments in the Services sub-sector. More than half (55.2%) of the total receipts were for services rendered while 41.1 percent was from the sale of goods and services in the same condition as purchased. Less than five percent was from other income grants and subsidies which accounted for 3.5 percent 0.2 percent respectively.

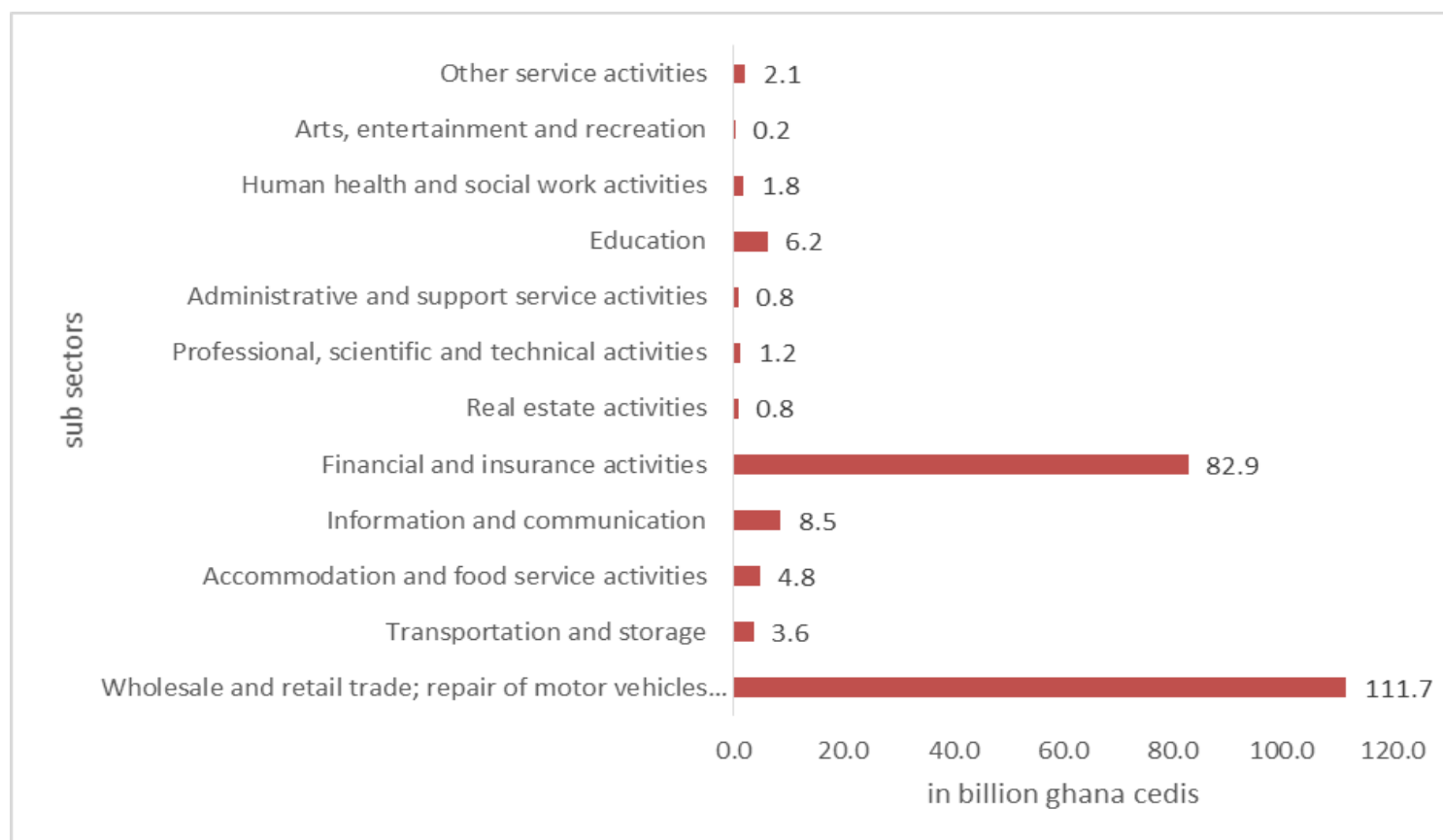
Table 5.37: Receipts in the Service Sector

ISIC Group	Total	Receipts for	Sales of Goods in	Other	Subsidies &
		Services	same condition	Income	Grants
		(GH¢)	(GH¢)	(GH¢)	(GH¢)
Value (Million Ghana cedis)					
SERVICES	224,640.2	124,047.2	92,325.8	7,917.1	350.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	111,678.2	18,039.0	91,522.5	1,995.3	121.3
Transportation and storage	3,575.6	3,243.6	157.6	172.0	2.5
Accommodation and food service activities	4,793.8	4,602.6	114.2	64.5	12.4
Information and communication	8,488.0	8,412.9	36.7	38.1	0.2
Financial and insurance activities	82,942.9	77,506.2	78.5	5,351.6	6.5
Real estate activities	782.6	749.3	13.5	19.8	0.0
Professional, scientific and technical activities	1,185.4	1,103.6	6.9	46.8	28.1
Administrative and support service activities	847.4	792.3	7.1	45.1	2.9
Education	6,185.6	6,024.5	61.9	33.0	66.3
Human health and social work activities	1,816.7	1,656.7	31.1	70.9	58.1
Arts, entertainment and recreation	225.4	219.3	3.4	2.4	0.3
Other service activities	2,118.8	1,697.1	292.5	77.7	51.4

5.12.1 Distribution of receipts in the Service sub-sectors

Figure 5.42 shows that of the twelve sub-sectors within the Services sector, the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector generated receipts totaling GH¢111.7 billion. The Financial and insurance activities followed with GH¢82.9 billion while the rest of the sub-sectors together accounted for about GH¢30 billion.

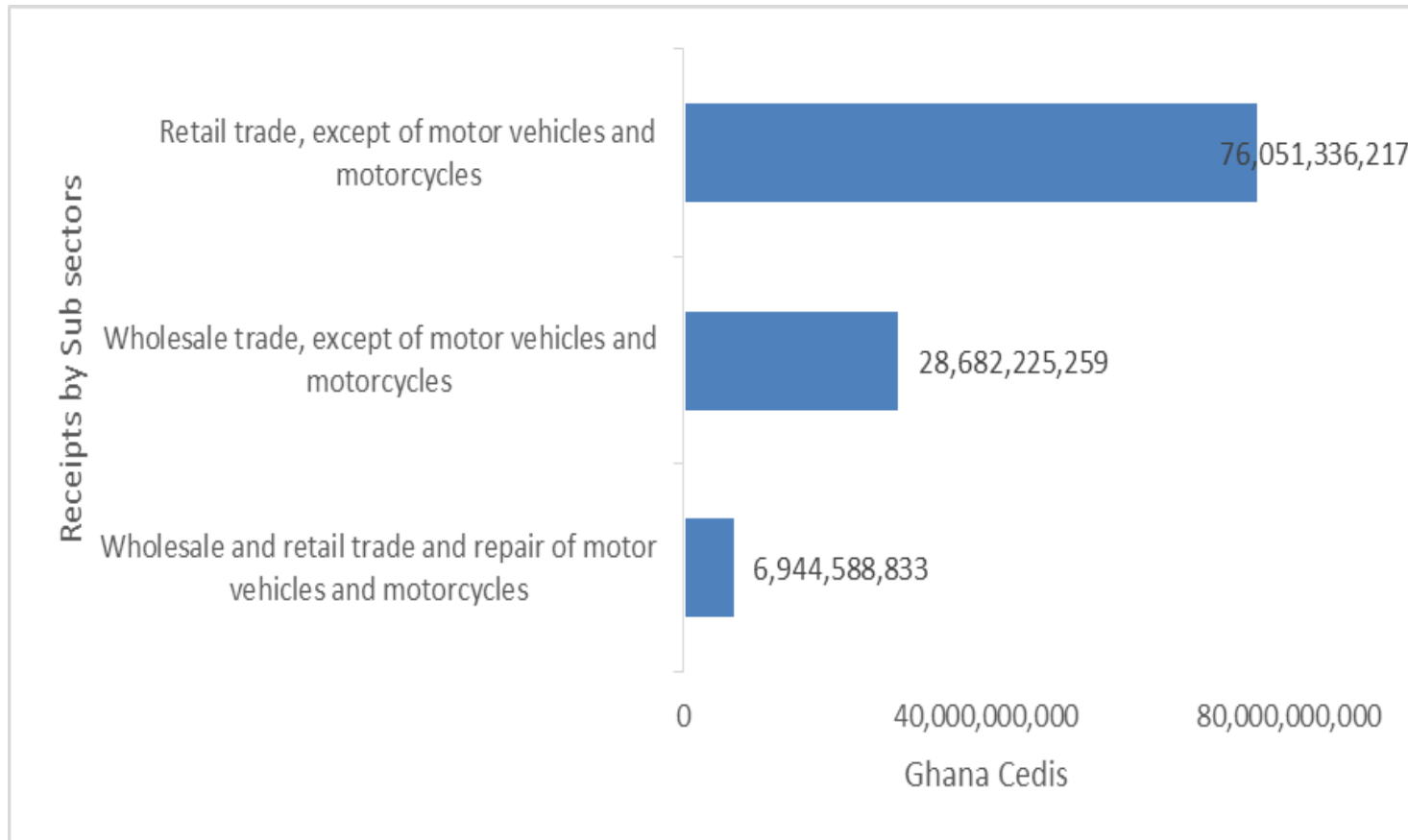
Figure 5.42: Distribution of receipts of sub-sectors in the Services sector



5.12.2 Distribution of receipts within the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector

As indicated earlier, the Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector, generated an amount of GH¢111.7 billion. Establishments involved in activities relating to retail trade, except of motor vehicles and motorcycles generated GH¢76 billion while those engaged in wholesale and retail trade and repair of motor vehicles and motorcycles generated almost seven billion (GH¢6.9 billion) in receipts. The wholesale trade, except of motor vehicles and motorcycles group, generated GH¢ 28.6 billion.

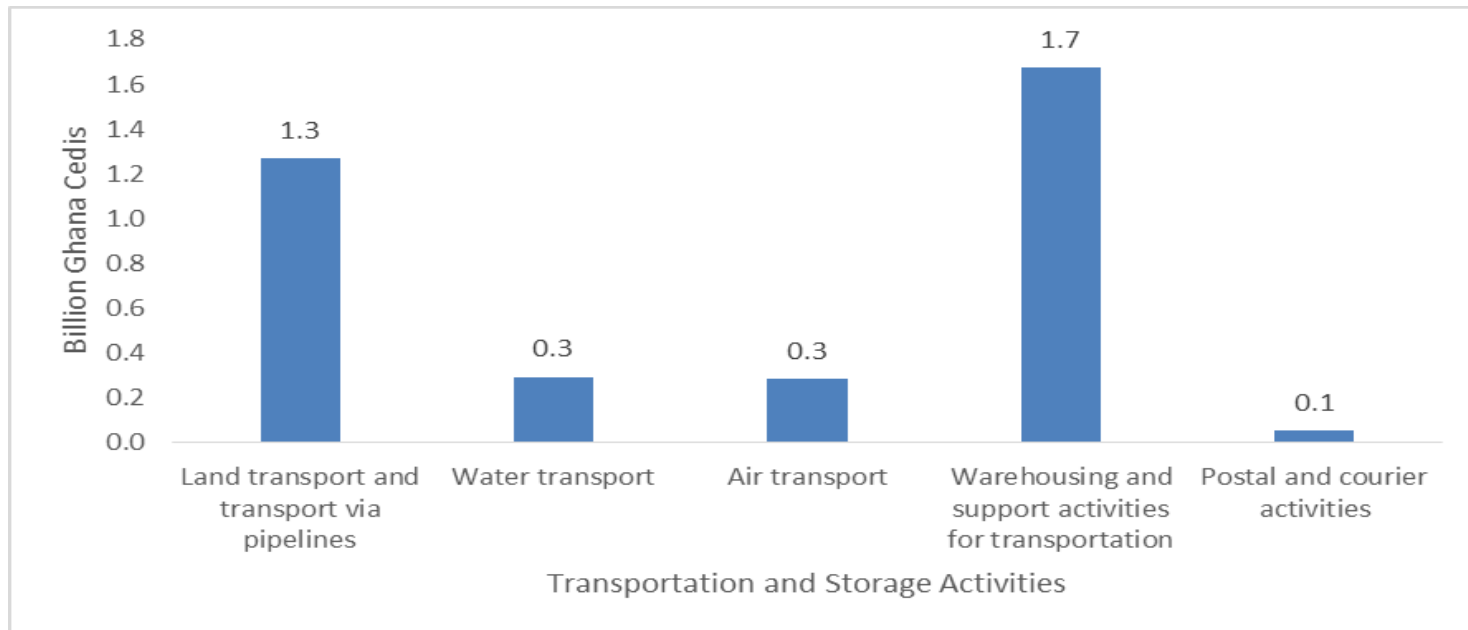
Figure 5.43: Distribution of receipts within Wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector



5.12.3 Distribution of Receipts in the Transportation and storage sub-sector

The transportation and storage sub-sector generated total receipts amounting to GH¢3,575,598,025. Within the sub-sector, establishments involved in warehousing and support activities generated an amount of GH¢1.7 billion while those engaged in land transport and transport via pipelines generated GH¢1.3 billion. The Air transport and Water transport groups accounted for GH¢0.3 billion each with Postal and courier activities recording the least value of GH¢0.1 billion (Figure 5.44).

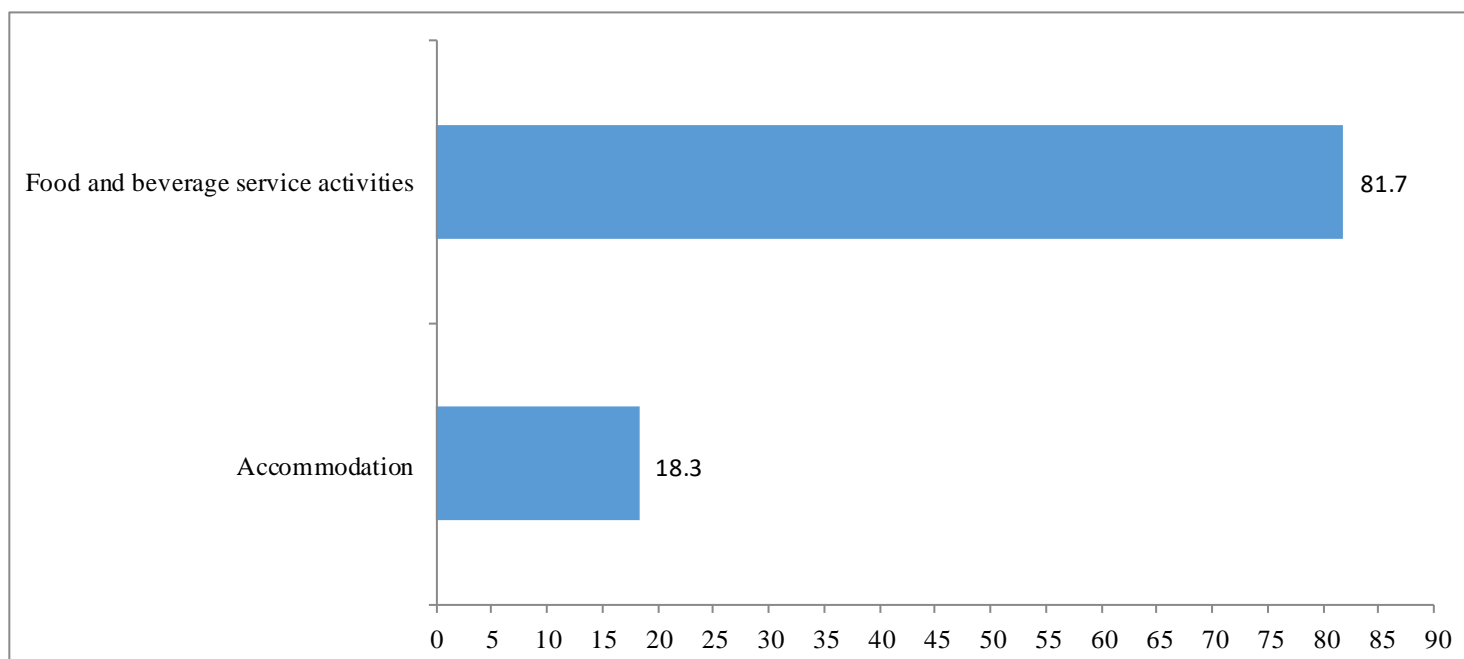
Figure 5.44: Distribution of Receipts in the Transportation and storage sub-sector



5.12.4 Distribution of Receipts in the Accommodation and food service activities sub-sector

The Accommodation and food service sub-sector generated a total of GH¢4,793,771,020 to Services sector of which the food and beverage activities group accounted for a larger share of GH¢3.9 billion representing 81.7 percent as against the accommodation group which generated GH¢0.8 billion.

Figure 5.45: Distribution of Receipts in the Accommodation and food service activities sub-sector



5.12.5 Distribution of Receipts in the Information and Communication sub-sector

Table 5.38 shows the distribution of receipts in the Information and communication sub-sector. The telecommunication activities group accounted for GH¢7.7 billion while the motion picture, video and television programme production, sound recording had the least value of receipts (GH¢39.3 million).

Again, for the sale of goods in the same condition as purchased and other income, the telecommunication activities group generated the highest receipts of GH¢20,326,725 and GH¢ 27,026,709 respectively.

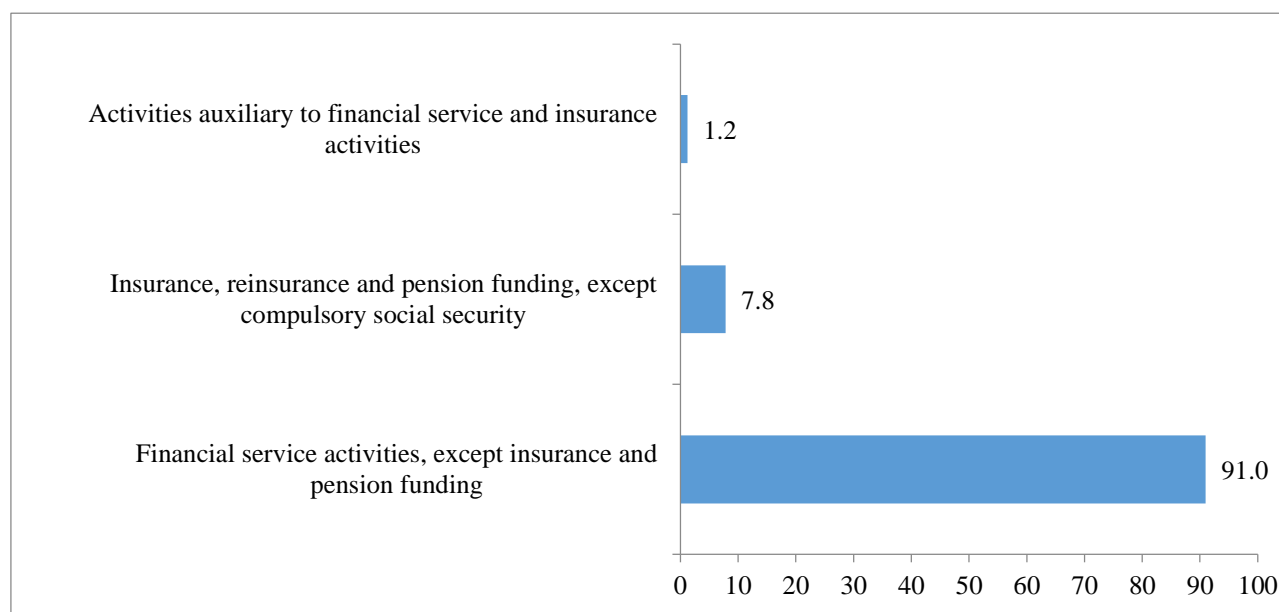
Table 5.38: Distribution of Receipts within the Information and Communication Activities Sub-sector

<i>Information and communication Activities</i>	Total	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies & Grants (GH¢)
<i>Information and communication</i>	8,487,955,147	8,412,942,797	36,701,821	38,080,888	229,641
Publishing activities	120,315,543	117,727,032	58,267	2,530,244	0
Motion picture, video and television programme production, sound recording	39,397,507	38,940,996	395,041	61,470	0
Programming and broadcasting activities	218,211,819	197,021,260	15,603,669	5,505,560	81,330
Telecommunications	7,772,613,042	7,725,113,208	20,326,725	27,026,709	146,400
Computer programming, consultancy and related activities	123,770,694	121,015,803	210,270	2,544,621	0
Information service activities	213,646,541	213,124,497	107,849	412,284	1,911

5.12.6 Distribution of receipts in the Financial and insurance activities sub-sector

The Financial and insurance activities sub-sector generated receipts totaling GH¢82,942,926,917 to the Services sub-sector. The Financial service activities, except insurance and pension funding generated the highest receipts of GH¢75.4 billion representing 91 percent of the total receipts in the sub-sector (Figure 5.46). On the other hand, the Insurance, reinsurance and pension funding, except compulsory social security and activities auxiliary to financial service and insurance activities groups accounted for GH¢6.4 billion and GH¢1 billion respectively.

Figure 5.46: Distribution of receipts in the Financial and insurance activities sub sector



5.12.7 Distribution of Receipts for the Education and Real Estate Activities sub-sectors

Table 5.39 shows that the Real estate activities generated a total of GH¢782.5 million. The receipts for services rendered amounted to GH¢749 million while those for the sale of goods in the same condition as purchased accounted for GH¢13.4 million.

On the other hand, the Education activities generated a total of GH¢6.1 billion. The receipts for service rendered amounted to GH¢6 billion while the sale of goods in the same condition as purchased accounted for GH¢61.9 million. The receipts from other income within the sub-sector was GH¢33 million while subsidies and grants accounted for GH¢66,262,732 (Table 5.50).

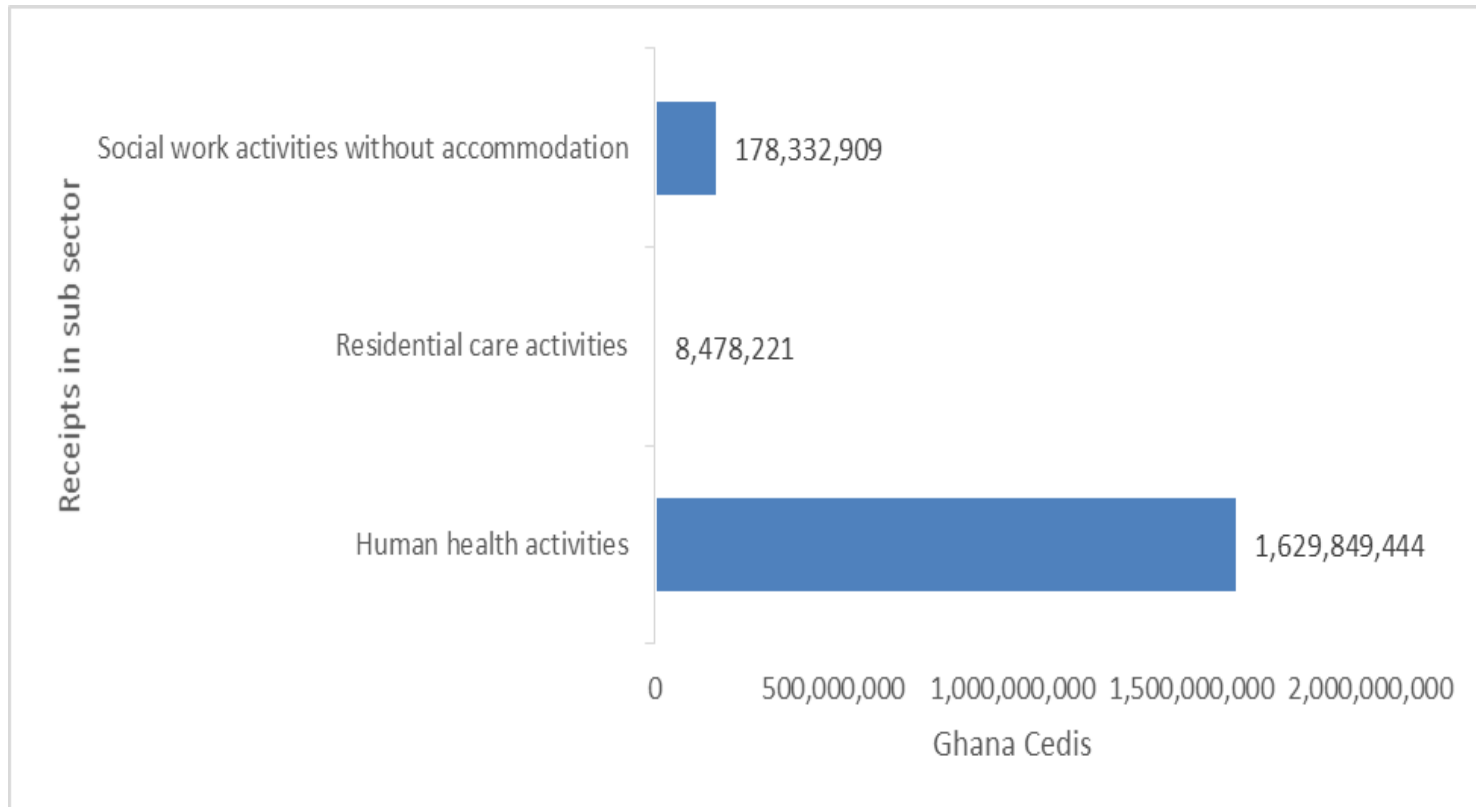
Table 5.39: Distribution of receipts on Real Estate and Education Activities Sub-sectors

<i>Real Estate and Education Activities</i>	Total	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies & Grants (GH¢)
Real Estate	782,585,058	749,332,530	13,454,875	19,797,363	290
Education	6,185,644,507	6,024,470,551	61,902,576	33,008,648	66,262,732

5.12.8 Distribution of receipts for the Human health and social work activities sub-sector

Figure 5.47 shows that within the Human Health and social work activities sub-sector the Human health activities group generated receipts totaling GH¢1.6 billion while Residential care activities and Social work activities without accommodation groups accounted for GH¢178 million and GH¢8.4 million respectively.

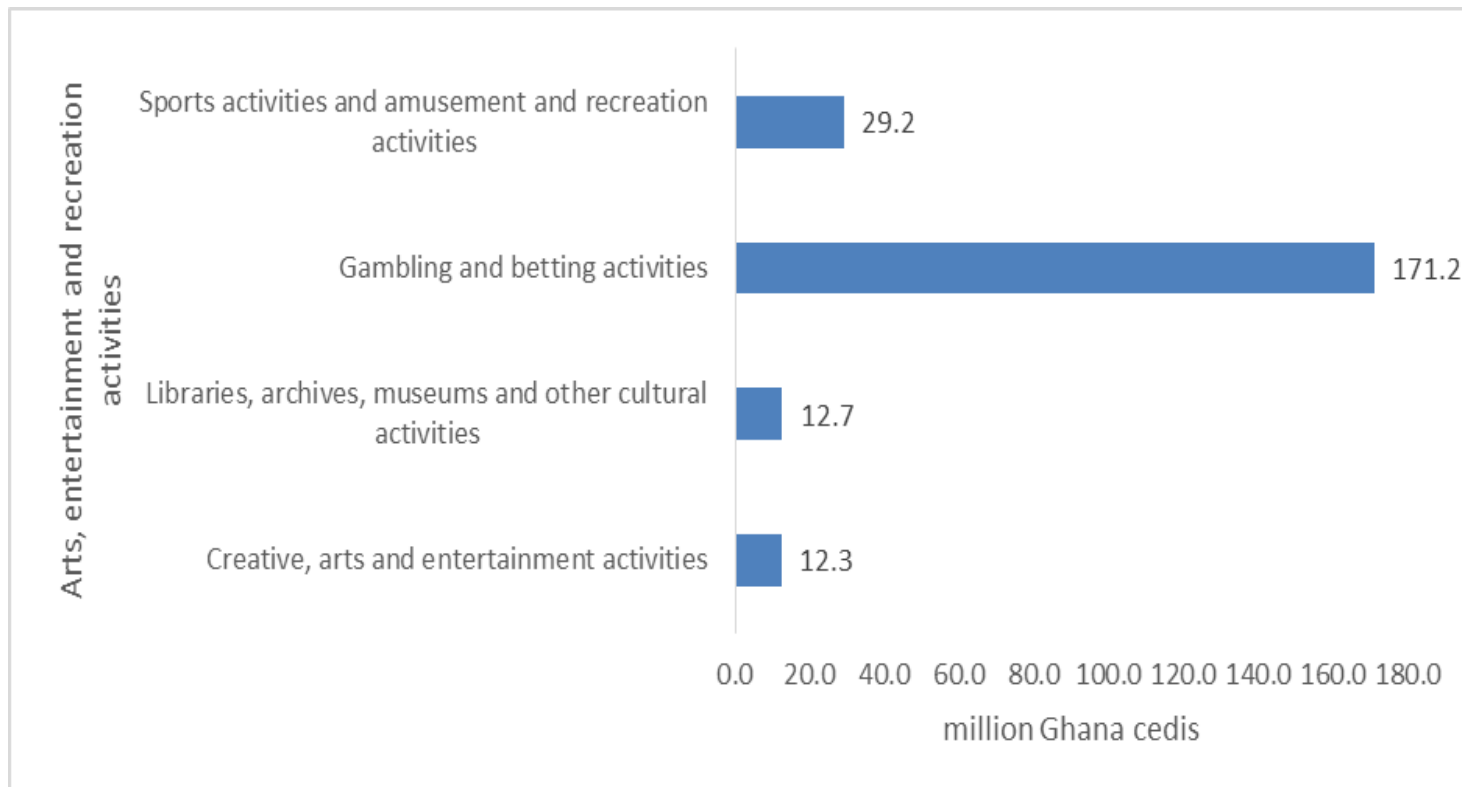
Figure 5.47: Distribution of receipts Human health and social work activities sub-sector



5.12.9 Distribution of Receipts in Arts, entertainment and recreation sub-sector

Figure 5.48 shows that the total receipts earned by the Arts, entertainment and recreation sub-sector was GH¢ 225,397,989. Out of this amount, Gambling and betting activities generated the highest amount of GH¢171.2 million. The Creative, arts and entertainment activities earned the least receipts of GH¢12.3 million.

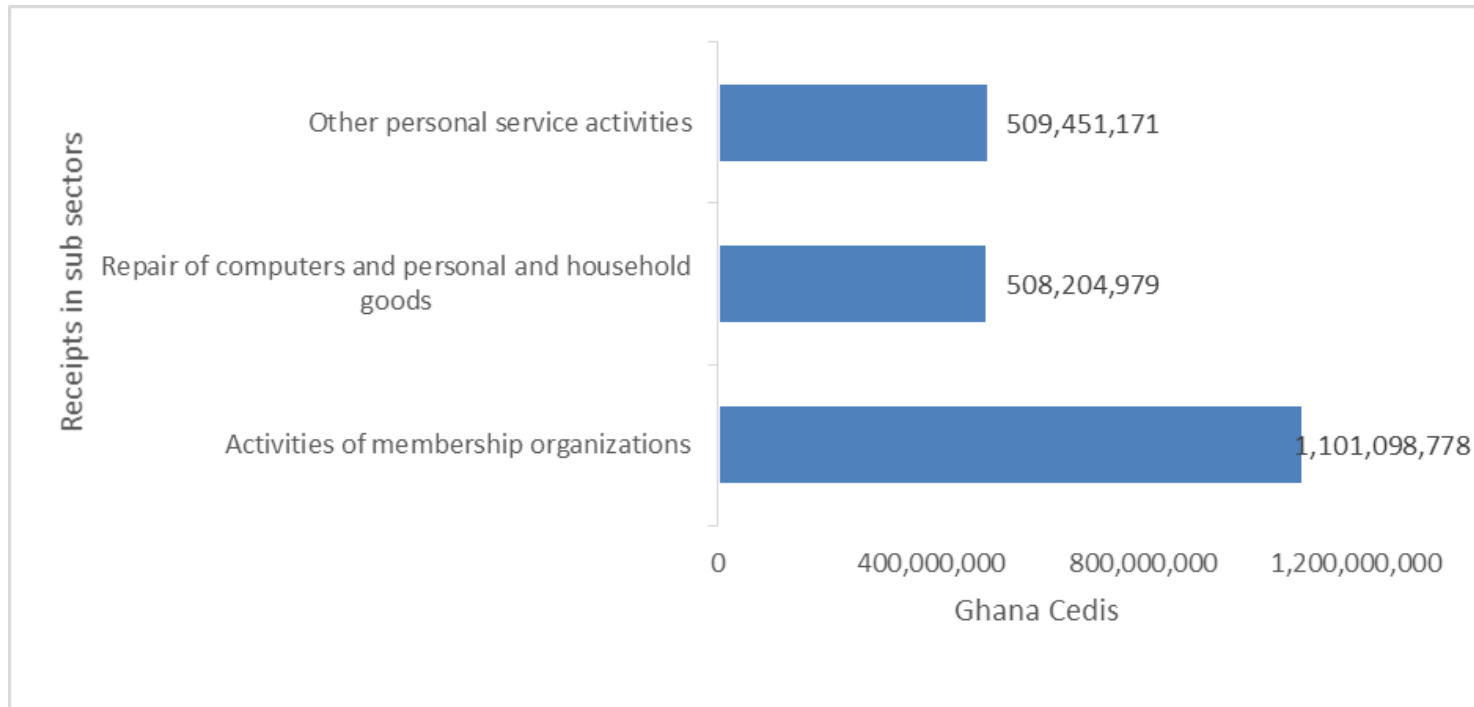
Figure 5.48: Distribution of Receipts in the Arts, entertainment and recreation sub-sector



5.12.10 Distribution of receipts in the other service activities sub-sector

Figure 5.49 shows the distribution of receipts of the other service activities sub-sector. The total receipts of the sub-sector was GH¢2,118,754,930 of which activities of membership organizations generated an amount of GH¢1.1 billion. Establishments engaged in repair of computers and personal household goods and other personal service activities accounted for GH¢509.4 million and GH¢508.2 million respectively.

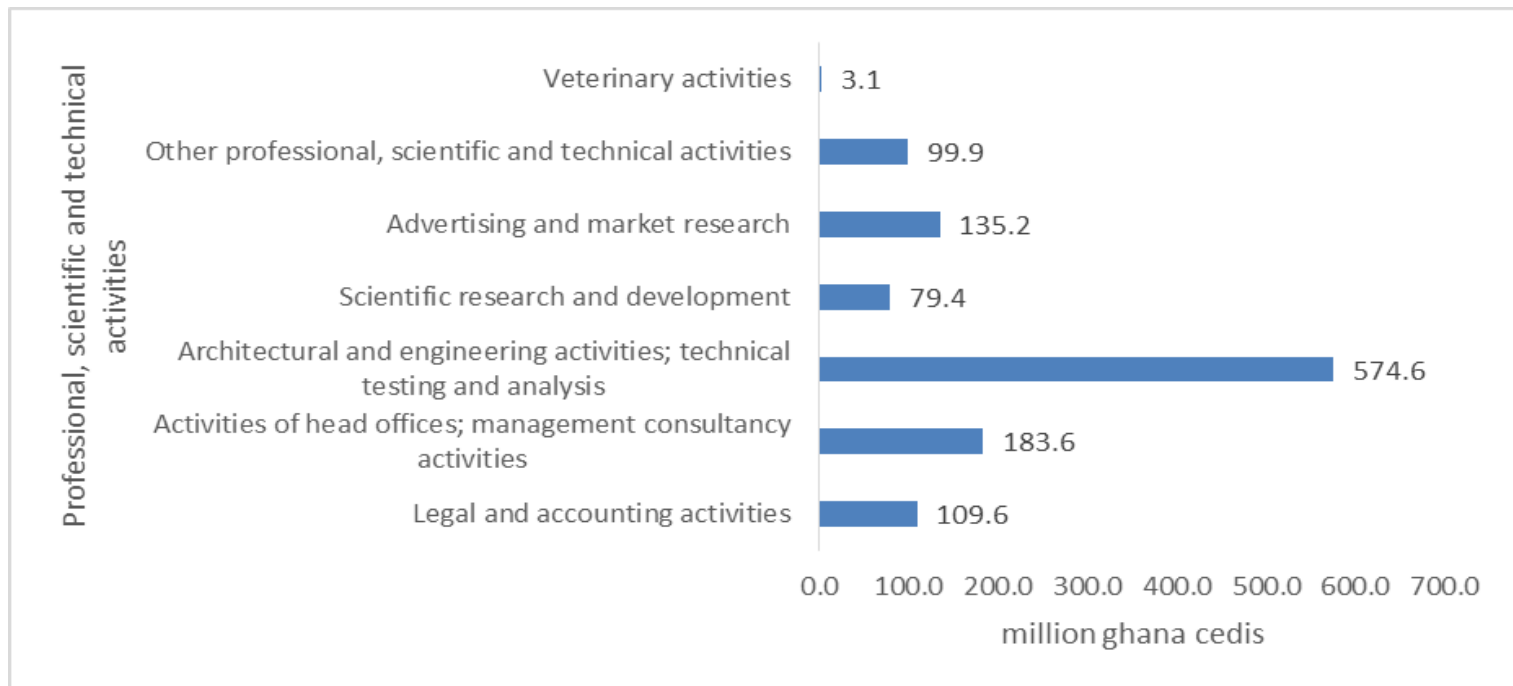
Figure 5.49: Distribution of receipts in the other service activities sub-sector



5.12.11 Distribution of receipts in the Professional, scientific and technical activities sub-sectors

Figure 5.50 shows that establishments in the Professional, scientific and technical activities sub-sector generated total receipts of GH¢2,419,170,925, out of which establishments engaged in Architectural and engineering activities; technical testing and analysis group generated GH¢574.6 million while those in Advertising and market research activities generated GH¢135.2 million. The veterinary activities group generated the least amount of GH¢3.1 million.

Figure 5.50: Distribution of receipts in the Professional, scientific and technical activities sub-sector



5.12.12 Distribution of receipt in the Administrative and Support service activities sub-sector

Figure 5.51 shows that the travel agency, tour operator, reservation service and related activities generated GH¢325.3 million while establishments involved in Security and investigation activities followed with GH¢157.5 million. Those providing Services to buildings and landscape activities generated the least value of receipts, amounting to GH¢ 29.4 million.

Figure 5.51: Distribution of receipts in the Administrative and Support service activities sub-sector

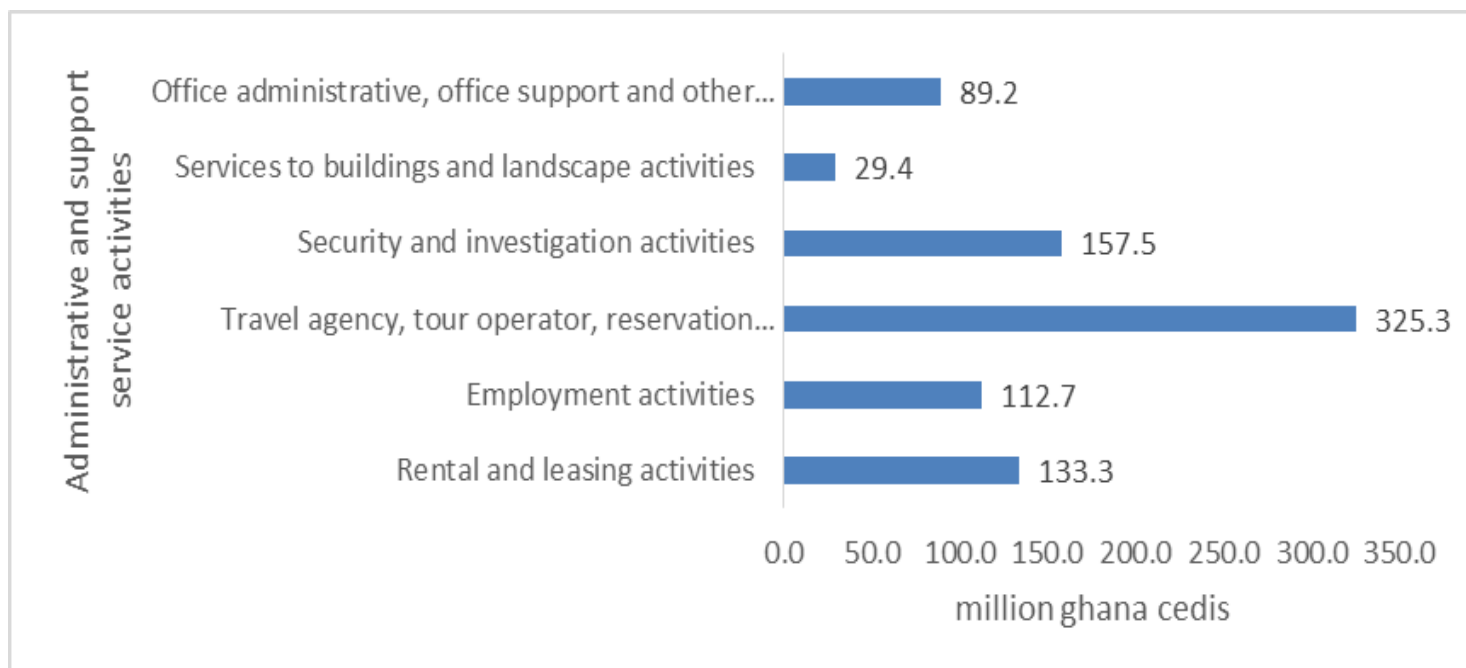


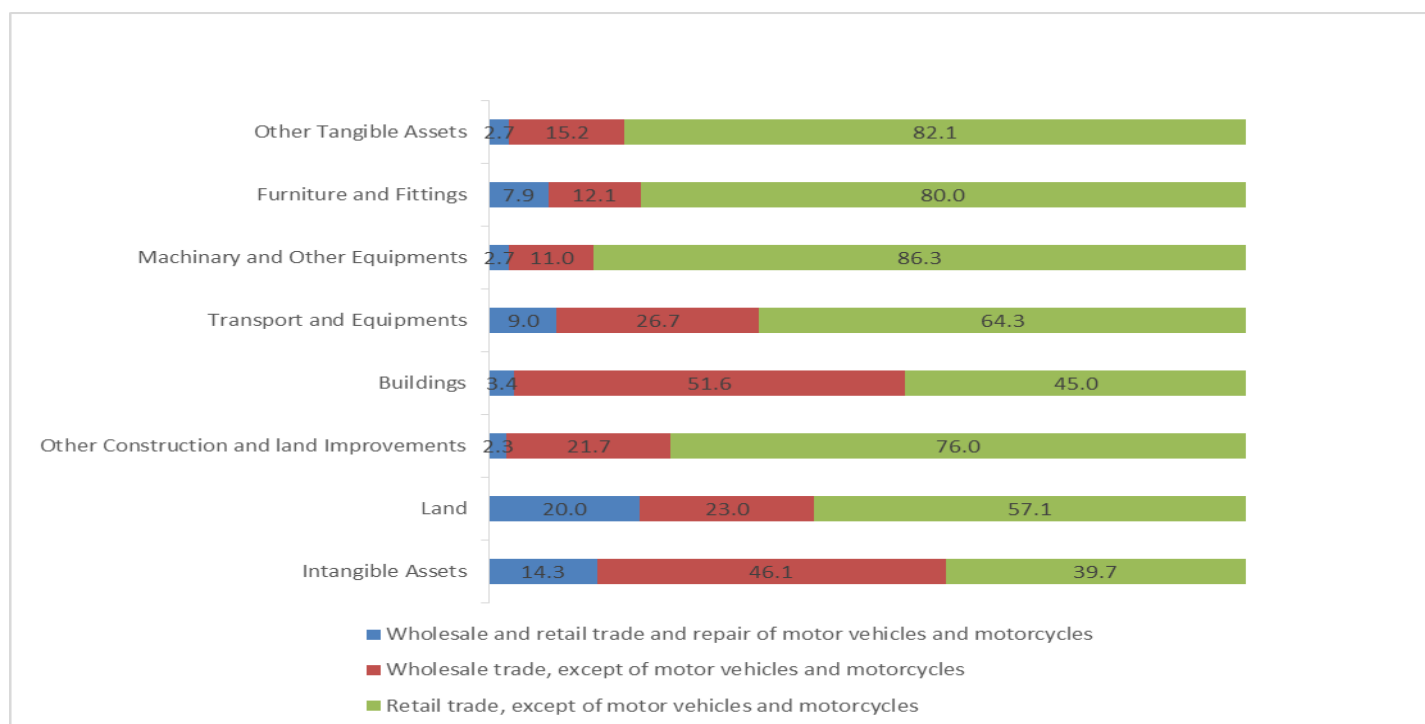
Table 5.40: Gross addition to fixed capital in the service sector by type of asset (%)

ISIC	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Total	100	100	100	100	100	100	100	100
Wholesale and retail trade and repair of motor vehicles and motorcycles	1.5	65.5	55.7	20.7	23.5	59.8	6.5	12.2
Transportation and storage	1.6	1.9	3.3	1.2	11.6	1.5	0.7	0.7
Accommodation and food service activities	0.8	2.6	18.8	19.6	3.3	3.7	2.9	0.9
Information and communication	13.8	0.3	0.3	0.7	10.4	19.0	0.5	15.7
Financial and insurance activities	79.5	0.3	9.9	45.2	32.4	6.3	83.1	64.8
Real estate activities	0.0	16.2	0.1	1.4	0.7	0.2	0.2	0.6
Professional, scientific and technical activities	0.1	0.1	0.6	1.6	2.2	1.2	0.7	0.9
Administrative and support service activities	0.4	2.0	4.7	2.7	8.6	1.7	0.4	1.2
Education	0.4	0.8	1.8	2.8	2.6	1.0	2.1	1.1
Human health and social work activities	0.1	0.0	0.8	1.9	1.0	1.9	0.7	0.9
Arts, entertainment and recreation	0.1	0.0	0.0	0.0	0.1	0.6	0.5	0.1
Other service activities	1.5	10.1	4.0	2.1	3.7	3.2	1.8	0.9

5.13 Gross additions to fixed capital in the Wholesale and retail trade sub-sector

Figure 5.52 illustrates that, apart from addition to total stock of buildings and intangible assets for which establishments in the wholesale trade except of motor vehicles and motorcycles acquired 51.6 percent and 46.1 percent respectively, higher proportions of the value of the remaining assets were acquired by those engaged in retail trade, except of motor vehicle and motorcycles. Establishment involved in wholesale and retail trade and repair of motor vehicles and motorcycles recorded the lowest values of additions to fixed assets.

Figure 5.52: Share of gross addition to fixed assets in the Wholesale and retail trade sub-sector



5.14. Gross addition of fixed assets in the real estate sub sector

The percentage distribution of gross addition to fixed assets in the Real estate sub-sector is shown in Figure 6.5. The figure shows that 44.1 percent of assets added during the financial year were the acquisition of land for the sub-sector. The next was the acquisition of additional assets (33.4%) in this sub-sector. The least was spent on other intangible assets (0.1%).

Figure 5.53: Distribution of gross additions to fixed assets in the Real estate sub-sector

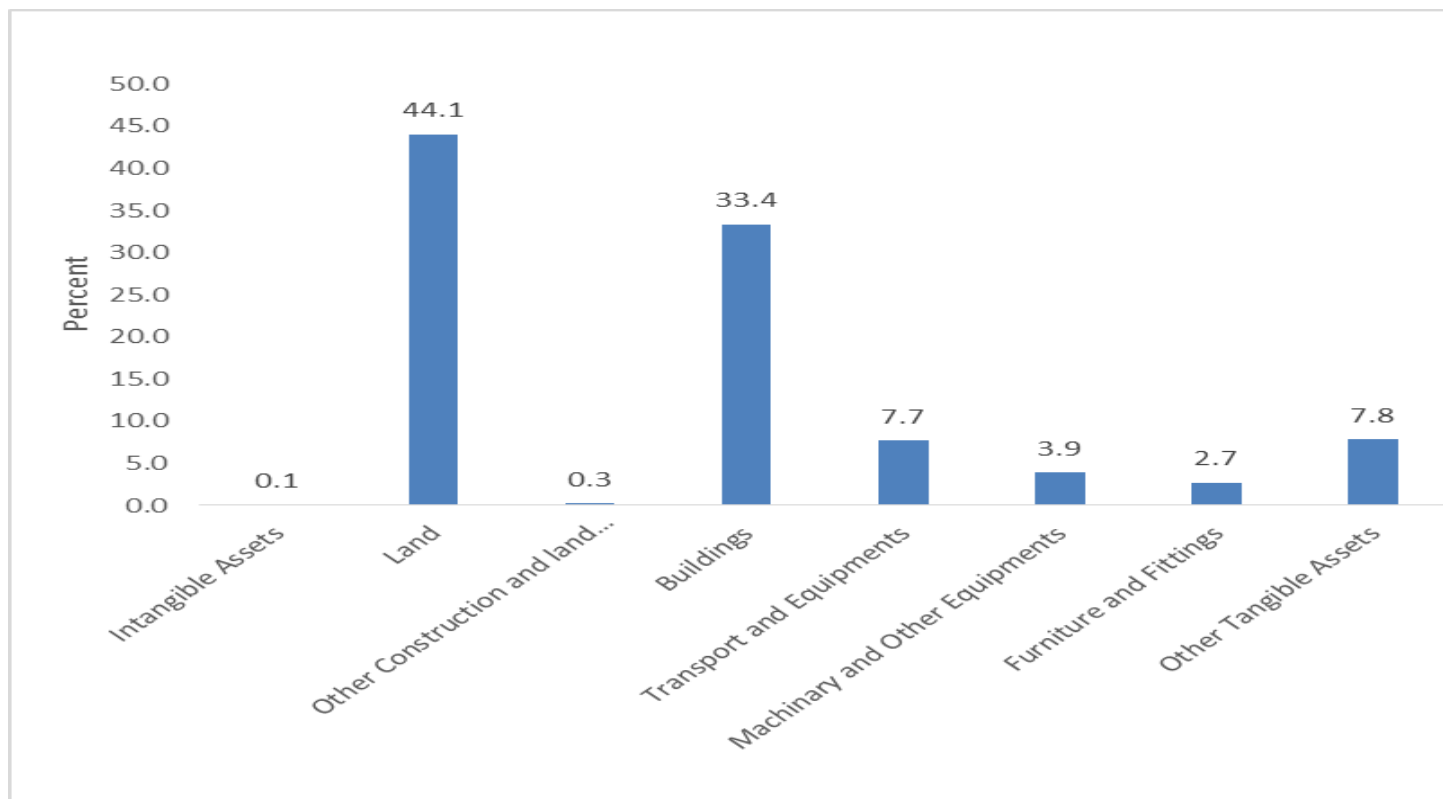
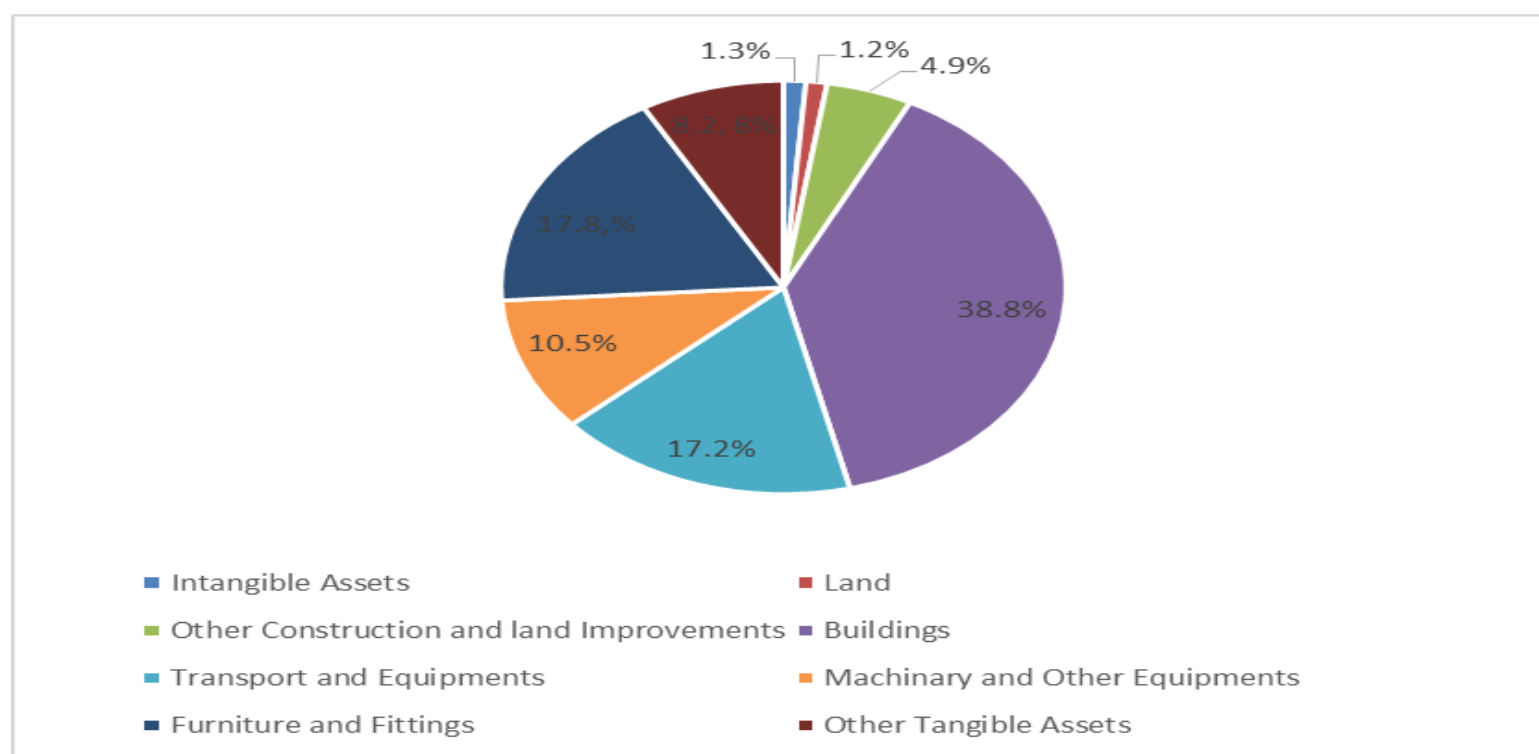


Figure 5.54 illustrates the share of the value of the various assets added to existing fixed assets in the Education sub - sector. From the Figure, close to forty percent of the value of additions to fixed assets was on buildings while furniture and fittings accounted for 17.5 percent. The share of transport and equipment was 17.2 percent. Strangely, additions to land (1.2%) had the least value of all the fixed assets which recorded some additions.

Figure 5.54: The share of gross addition to fixed assets in the Education sub-sector



5.15 Depreciation of fixed assets in the Services sector

Table 5.41 shows the percentage distribution of depreciation of fixed assets in the Services sector. Within the sector, the financial and insurance activities sub-sector experienced the highest proportion of depreciation in four fixed assets compared to the other sub-sectors. These were intangible assets (65.8%), other construction and land improvements (46.6%), furniture and fittings (77.5%) and other tangible assets (56.3%). However, establishments in the information and communication and accommodation and food service activities sub-sectors had the highest of depreciation for machinery (33.7%) and buildings (53.0%) respectively.

Table 5.41: Percentage distribution of depreciation of fixed assets by sub-sectors in the Services sector

ISIC Group	Intangible Assets	land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Total	100	0	100	100	100	100	100	100
Wholesale and retail trade; repair of motor vehicles and motorcycles	2.2	0.0	9.2	5.2	1.2	26.8	4.9	12.6
Transportation and storage	0.6	0.0	3.3	3.0	1.9	5.9	0.8	11.5
Accommodation and food service activities	5.3	0.0	12.5	53.0	3.6	7.0	5.0	1.4
Information and communication	23.0	0.0	5.4	0.3	2.2	33.7	1.0	11.7
Financial and insurance activities	65.8	0.0	46.6	9.0	3.7	8.9	77.5	56.3
Real estate activities	0.1	0.0	3.2	0.7	0.0	6.2	0.2	0.1
Professional, scientific and technical activities	0.3	0.0	0.2	0.3	0.1	1.6	0.7	1.4
Administrative and support service activities	0.3	0.0	1.8	0.3	1.9	2.4	3.7	0.3
Education	0.4	0.0	3.1	10.7	0.4	1.4	2.9	2.6
Human health and social work activities	0.1	0.0	1.6	8.0	0.1	3.3	0.7	1.2
Arts, entertainment and recreation	0.1	0.0	0.0	0.1	0.4	0.7	0.7	0.3
Other service activities	1.8	0.0	13.0	9.2	84.6	2.2	1.9	0.6

5.16 Fixed assets in the Services sector at the end of the year

Table 5.42 summarizes the status of fixed assets in the Service sector at the close of the 2013 financial year. As indicated in the Table, across the various sub-sectors, the wholesale and retail trade sub-sector had the highest proportion of fixed assets for machinery (42.4%), other construction and land improvements (38.7%) and land (36.7%). The financial and insurance activities also had the highest proportion for intangible assets (74.1%) and furniture and fittings (65.7%) while the education sub-sector had the highest share for buildings (25.9%).

Table 5.42: Percentage distribution of Fixed Assets in the Services sector at the end of the year by sub-sector

Sub sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Total	100	100	100	100	100	100	100	100
Wholesale and retail trade and repair of motor vehicles and motorcycles	1.9	36.7	38.7	11.3	12.2	42.4	7.0	18.3
Transportation and storage	1.2	2.8	3.7	2.9	11.1	4.1	0.8	2.0
Accommodation and food service activities	4.8	6.7	20.2	24.6	13.8	9.4	7.8	5.6
Information and communication	13.9	0.4	2.2	0.3	13.7	15.4	0.9	13.2
Financial and insurance activities	74.1	0.2	15.4	17.1	7.9	7.6	65.7	49.7
Real estate activities	0.3	8.5	4.4	1.0	0.1	0.5	0.3	0.7
Professional, scientific and technical activities	0.3	0.6	0.3	0.6	0.7	2.2	1.2	1.7
Administrative and support service activities	0.8	1.2	1.4	0.5	25.0	2.2	2.1	1.8
Education	0.5	3.5	2.7	25.9	6.8	1.8	5.2	2.4
Human health and social work activities	0.4	21.9	3.0	4.1	0.6	6.8	1.3	1.7
Sports activities and amusement and recreation activities	0.1	0.6	0.0	0.2	6.4	1.2	0.4	0.3
Other service activities	1.7	17.0	8.0	11.3	1.6	6.5	7.3	2.6

Table 5.43 looks at the distribution of fixed assets by establishment size as at the end of the year. From the Table, large-sized businesses had the highest proportion of the value of the following assets: intangible assets (49.9%), transport and equipment (38.4%), furniture and fittings (42.2%) and other tangible assets (30.9%). On the other hand, small-sized businesses had the highest proportions for land (46.5%), other construction and land improvements (38.1%) and machinery and other equipment (30.6%).

Table 5.43: Percentage distribution of fixed assets in the Services sector at the end of year by Size

Size	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Services	100	100	100	100	100	100	100	100
Large-Sized Businesses	49.9	12.8	36.0	12.0	38.4	26.6	42.2	30.9
Medium-Sized Businesses	16.7	15.6	13.5	40.9	18.6	19.2	9.9	29.4
Small-Sized Businesses	6.2	46.5	38.1	31.2	33.1	30.6	30.4	14.6
Micro-Sized Businesses	27.3	25.1	12.5	15.9	9.9	23.5	17.5	25.1

CHAPTER SIX: CONCLUSIONS AND RECOMMENDATIONS

6.1 Introduction

This chapter presents the conclusions and some recommendations based on the data from the survey and the analysis so far. The recommendations are formulated bearing in mind business development and improved economic growth.

6.1.1 Conclusions

Phase II of the Integrated Business Establishment Survey (IBES) involved the collection of detailed information on the operations of non-household business establishments covering all the sectors of the Ghanaian economy namely; non-household agriculture, industry and services. The aim of IBES II is to provide information on the structure and performance of all sectors of the economy, with regional comparisons. Such economic data and data from other sources are required to monitor the achievements of Ghana's Shared Growth and Development Agenda, the AU Agenda 2063 and the UN Sustainable Development Goals (SDGs).

With regard to employment, a total of 3,061,521 persons were engaged by all establishments of which 75.1 percent were in the Service Sector, 23.1 percent were engaged by Industry while 1.8 percent were engaged by the Institutional Agriculture sector. Of the total persons engaged, 1,778,940, representing 58.1 percent are employees. The proportion of employees was highest in the Greater Accra Region (77.7%) and lowest in the Upper West Region (29.7%)

In relation to revenue, the total amount of revenue generated by the three sectors is GH¢451.6 billion. Much of the revenue, amounting to GH¢317.7 billion, representing 70.4 percent, was generated by the Service sector. The Industry sector generated GH¢128.4 billion which constitutes 28.4 percent of the total revenue, while revenue from Institutional Agriculture is GH¢5.4 billion, representing 1.2 percent.

In the Industry sector, the manufacturing sub-sector has a little over 95.7 percent of all establishments and the highest proportion of persons employed (271,862 or 65.1%). It however, accounts for just a little over 10 percent (GH¢1.2 billion) of all wages and salaries. On the other hand, the mining and quarrying establishments which employed only 293 persons, representing 9.6 percent of employees in the sector, accounted for the largest share of all wages and salary both in cash and in kind (GH¢8.6 billion or 77%).

With respect to size, 30.5 percent of the total revenue (GH¢144.5 billion) was earned by the small-sized establishments and more than one-quarter (27.2%), amounting to GH¢128.9 billion was generated by the large-sized establishments. Among the size categories, the medium-sized establishments earned the least revenue (GH¢97.8 billion).

The Service sector generated a total of GH¢45.9 billion of which the Financial and insurance activities sub-sector contributed 18.4 percent (GH¢8.6 billion), followed by the Accommodation and food sub-sector (17.6%) and the Education sub-sector (14.6%). The Health and Education sub-sectors accounted for 3.7 percent and 14.6 percent respectively, of the total value of assets in the Service sector.

6.1.2 Recommendation

The Service sector accounted for slightly over 70 percent of total revenue while the productive sectors of the economy (Industry and Agriculture sectors) contributed less than 30 percent to output. This gives an indication that the economy is driven by the Service sector. Therefore, there is the need for a concerted effort through policy interventions to support the productive sectors of the economy in order to increase production and exports.

As the country thrives to move from subsistence agriculture to a more mechanized agricultural system, it is expected that the Agriculture sector would be assisted to acquire substantial amounts of fixed assets in the form of agricultural machinery and equipment. Policy and decision makers should focus on formulating policies that will facilitate the mechanization of agriculture through the infusion of fixed capital in the form of agricultural machinery and equipment.

Good education and health infrastructure are key to quality delivery of these services. Stock of fixed assets and additions to fixed assets in these sectors is key to the provision of quality education and healthcare delivery to the citizenry. As indicated in the results, capital formation in these sectors need improvement. It is therefore, important that efforts are made through policy interventions to improve upon capital formation, in the form of infrastructure in these sub-sectors which will translate into the provision of quality education and improved health care delivery.

The concentration of persons engaged by non-household establishments in Greater Accra, Ashanti and Western regions should be a concern. Also, the over 70 percent of all revenues generated from the Greater Accra region, does not align well with the objective of decentralization. It would be useful to encourage the establishment of factories and establishments/enterprises in various parts of the country; this would be a good idea. Thus, policy should target the setting up of industries across all regions to ease the access to basic goods and services outside of the Greater Accra region while creating employment in all regions to reduce migration to the capital city.

A concerted effort at creating free zone enclaves in all regions for the short or medium term and in the districts in the long-term is worth considering if we are to develop an industry sector that would not only be concentrated in three large cities but spread throughout the country with the aim of bringing about development for the benefit of all citizenry. The current one-district one-factory program of government is laudable and all efforts should be made to make it successful and sustainable in the long-term.

Total payments by employers to their employees such as social security contributions are far below expectation. Even though the micro, small and medium-sized establishments engage more persons, persons who worked in these

establishments received low remuneration. Employers should be encouraged to pay social security contributions of their employees to improve on their welfare during retirement.

CHAPTER SEVEN: GLOSSARY

The statistical unit

An establishment is the statistical unit recommended by the United Nations Statistical Office for economic enquiries. This is defined as a unit of production engaged in a single kind of activity under a single ownership at a single location. In practice, it was difficult to apply this definition to some enterprises hence the concept of reporting unit was adopted. The reporting unit was the smallest unit that could provide the information required by the census. With the exception of the cases below, the reporting unit was the same for all establishments:

1. A unit, though under single ownership carrying out a single activity, may operate at different locations but keep consolidated accounts, which does not readily yield data on separate locations. This occurs in some larger establishments.
2. A number of establishments are engaged in two or more economic activities. Where possible, a completed questionnaire was obtained in respect of each activity otherwise a combined return for all activities was accepted.

Classification of industry

The International Standard Industrial Classification of all Economic Activities (ISIC) Rev.4 was adopted for classifying economic activities. The industry group (four-digit) level was found to be sufficiently detailed for Ghana's needs.

Classification of products and materials

The Central Product Code (CPC) Rev. 2 was adopted for classifying products. Classification of products was done at the five-digit level. In some cases where the product could not be easily classified based on the international codes, localized codes were created as an extension to take care of products only known to the Ghanaian industry.

Institutional agriculture

Institutional agriculture in IBES II covers all agricultural establishments owned by the private and public-private partnership other than household agriculture. Non-household agriculture includes all institutions (housed in a structure) engaged in agriculture-related activities, usually called institutional agriculture. This report examines only on institutional agriculture.

LMSM establishments

LMSM is an abbreviation for large, medium, small micro establishments. Large-sized establishments are those with more than 100 persons engaged in total. Medium-sized establishments are those with 31-100 employees, while small-

sized establishments have 6-30 persons engaged. Micro-sized establishments are those with a total of 1-5 persons engaged.

Privately owned establishments

A privately owned enterprise refers to a commercial enterprise that is owned by private investors, shareholders or owners (usually collectively, but they can be owned by a single individual); this is in contrast to state institutions. Private enterprises make up the private sector of the economy.

Public-private partnership establishments

A public-private partnership (PPP) is a government service or private business venture, which is funded and operated through a partnership of government or one or more private sector companies. In 2004, the government of Ghana published PPP policy guidelines, which attempted to officially integrate the two sectors in the development process. The private sector was described as Ghana's "engine of growth" indicating its importance. The PPP law gives government the legal backing to join with private firms to carry out projects in the country.

Purchasers' Prices

The delivered cost at the establishment including the purchase prices, charges for transport, the cost of insurance, value of packaging materials charged for and all taxes and duties on the goods less discounts and rebates allowed to the purchaser and the value of packaging materials returned to the supplier.

Ex-factory price

The price an establishment charged to the consumer including duties and taxes which fall on the products when they leave the establishment but excluding all subsidies.

Value of Stocks

The value of stocks of goods intended for sale and of materials, fuels and supplies for use by the units should be that at the beginning and end of the enquiry period for goods intended for sale, irrespective of where held, and of materials for use by the unit, that are owned by the establishment if it is part of a single-unit enterprise or that are controlled by the establishment and owned by its parent enterprise if it is part of a multi-unit enterprise. Goods for which the establishment has transferred the effective right to use to others with a view to ultimate purchase by them is excluded.

Stocks of finished goods

Stocks of finished goods produced by the unit (industry) include all goods made by the establishment that are ready for sale at the reference date. Finished goods held by another establishment that were processed by that establishment from raw materials controlled by the respondent establishment is included. Finished goods held elsewhere - at ancillary units,

in bonded or public warehouses, on consignment, in transit, and so on, is also included. Finished goods held by the respondent establishment that were made from materials owned by others is not excluded.

Stocks of finished goods purchased for resale

Stocks of finished goods to be sold in the same condition as received covers the value of any stocks of goods that the establishment has bought with the intention of reselling in the same form, that is, without further processing.

Stocks of materials, fuels and supplies

Stocks of materials, fuels and supplies comprises all materials, components and the like that enter into the product, fuels, and repair, maintenance, office and other consumable supplies.

Stocks of work in progress

Stocks of work in progress refers to the value of all materials that have been partially processed by the establishment but that are not usually sold or turned over to other establishments without further processing.

Work-in-progress

These are materials which have been partially processed by the establishment but which are not usually sold without further processing.

Average Number of Persons Engaged

This refers to total number of persons who work in or for the establishment; the average number of operatives plus the average number of other employees plus working proprietors and active business partners plus learners (including unpaid apprentices) plus unpaid family workers.

Employees

This refers to all persons working for and paid by the establishment. They include persons working full-time or part-time and employees on sick leave, paid vacations and holidays.

Wages and Salaries

All payments, whether in cash or in kind, made by the employer during the year to employees, including wages and salaries, other cash payments, bonuses, cost of living allowances, wages paid during vacation and sick leave, contributions payable by employees and deducted by the employer such as Social Security contributions, taxes etc.

Supplements to wages and Salaries

It is the employer's contribution on behalf of employees to the Social Security, private pension plan, provident fund and workmen's accident compensations plan, insurance premiums on hospital and medical plans, premium on accident and

sickness Insurance and life insurance premiums. It also includes all such schemes whether legally acquired, initiated by the employer or established as a result of labour management bargaining contract.

Receipts for non- Industrial Services

This includes receipts from rents, commission receipts, revenue from the operation of employee facilities, receipts for transport and warehousing services rendered to others other than delivery of own products.

Receipt for Industrial Services

This includes receipts for contract and commission work done on other establishments' materials like processing, transforming and assembly of materials supplied by the units which order the work, receipts for repair and installation work done for others and value of fixed assets produced for own account.

Cost of industrial Services

This includes payments made to others for contract work done by others on the establishment's materials.

Cost of non- Industrial Services

This includes communications costs (telex, telephone, internet, postage costs, etc.), plus rental payments for building and machinery plus advertising cost plus bank charges plus other such costs.

Receipts in Industry Sector

This equals total sales of goods plus receipts for contract and commission work done for others plus receipts for repair and installation work for others plus other receipt for industrial services plus sales of goods bought and resold in same condition as purchased.

Receipts in Agriculture Sector

This equals total sales of agriculture products plus receipts from non-agriculture activities plus sales of goods bought and resold in same condition as purchased plus own consumption.

Receipts in Service Sector

This equal to total receipts for services provided plus sales of goods resold in same condition as purchased plus any other income.

Intermediate input/consumption:

This is a measure of the goods and services used up in a period in the production process. It is estimated as expenditure on purchases of materials and supplies, and services used as inputs less change in inventories of materials and supplies (inventories include work-in-progress).

That is, cost of materials and supplies (both domestic and imported) plus fuels purchased plus electricity and water purchased plus both cost of industrial and non-industrial plus cost of goods expressly bought to be sold in the same condition as purchased plus stock of materials, supplies, and fuel at the beginning of the year less stock of materials, supplies and fuel at the end of the year.

Depreciation of Fixed Assets

It is the value of wear and tear of fixed assets in the course of the financial year? It is value allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

The survey collected data on the book value of establishments' fixed assets and depreciation. Most of the large establishments had no difficulty in giving information on depreciation of their fixed assets. A number of the small establishments, could not give any information on depreciation, but provided the value of the assets at the time of purchase, and the year of the purchase. This enabled estimation of depreciation using the straight line method.

Gross addition to fixed assets

This equals capital expenditure on new, secondhand, improvements and work done on own account of fixed asset (Tangible and Intangible) for the year.

Tangible fixed assets include:

- Land
- Buildings
- Other Construction and land improvement
- Machinery and other equipment
- Transport and Equipment
- Furniture and fixtures
- Other tangible assets

Intangible fixed assets include:

- Computer software and databases;
- Research and developments;
- Entertainment, Literacy, and Artistic originals.
- Other Intellectual Property

Sales or disposal of fixed asset

This is the act of selling an asset that has been depreciated over its useful life. It is the value of sale of the fixed assets during the year.

APPENDICES A: TABLES

Table A.1: Purchases and other in the agriculture sector by size operating cost

Sector	No. of Establishments	Total GH¢	Material and Supplies, GH¢	Goods Purchased for Resale Ghc	Fuel purchased GH¢	Electricity purchased Gh¢	Water purchased Gh¢	Other Purchases (Ghc)	Other OPERATING Costs GH¢
ALL SECTORS - NATIONAL	535,337	223,681,222,187	153,836,888,724	13,417,327,297	10,363,410,055	2,964,376,965	240,170,587	383,779,170	42,475,269,389
AGRICULTURE	3,033	2,392,317,128	2,047,225,556	62,391,541	109,228,474	6,588,296	2,039,548	1,559,684	163,284,029
<i>Crop and animal production, hunting and related service activities</i>	2,859	2,159,525,399	1,995,162,191	62,058,413	33,049,919	5,291,598	1,951,582	675,359	61,336,337
Large-Sized Businesses	135	141,504,325	98,569,148	2,350,000	17,892,825	1,819,471	180,717	632,534	20,059,630
Medium-Sized Businesses	116	1,033,578,247	986,350,079	32,255,461	3,489,052	1,056,171	85,559	2,300	10,339,625
Small-Sized Businesses	1,139	446,391,824	411,110,475	2,700,114	10,882,113	1,629,798	1,124,532	23,743	18,921,049
Micro-Sized Businesses	1,469	538,051,004	499,132,489	24,752,838	785,929	786,158	560,775	16,782	12,016,033
Forestry and logging	38	5,497,963	1,637,750	299,628	2,153,712	151,133	6,958	884,325	364,457
Large-Sized Businesses	1	9,044	6,044	0	3,000	0	0	0	0
Medium-Sized Businesses	1	129,200	43,200	0	59,400	1,440	720	0	24,440
Small-Sized Businesses	23	5,262,496	1,527,448	299,460	2,087,952	149,663	5,688	884,325	307,960
Micro-Sized Businesses	13	97,223	61,058	168	3,360	30	550	0	32,057
Fishing and aquaculture	136	227,293,768	50,425,616	33,500	74,024,843	1,145,565	81,008	0	101,583,236
Large-Sized Businesses	4	128,579,691	8,970,010	0	52,806,871	404,698	22,508	0	66,375,604
Medium-Sized Businesses	10	85,246,630	30,304,545	0	20,553,482	402,024	10,785	0	33,975,794
Small-Sized Businesses	55	10,949,115	8,748,812	33,500	644,700	335,603	47,191	0	1,139,309
Micro-Sized Businesses	67	2,518,332	2,402,249	0	19,790	3,240	524	0	92,529

Table A.2: Purchases and other operating cost in the agriculture sector by region

Region	No. of Establishments	Total GH¢	Material and Supplies, GH¢	Goods Purchased for Resale Ghc	Fuel purchased GH¢	Electricity purchased Gh¢	Water purchased Gh¢	Other Purchases (Ghc)	Other OPERATING Costs GH¢
ALL SECTORS - Western Region	58,978	14,285,656,747	9,962,753,625	904,593,457	678,574,364	244,700,951	12,097,714	196,009,953	2,286,926,683
AGRICULTURE	708	365,537,046	330,156,069	24,206,704	2,514,548	335,786	36,387	0	8,287,552
Agriculture, forestry and fishing	708	365,537,046	330,156,069	24,206,704	2,514,548	335,786	36,387	0	8,287,552
Crop and animal production, hunting and related service activities	700	365,377,458	330,043,889	24,206,704	2,482,290	331,946	36,027	0	8,276,602
Forestry and logging	4	61,296	28,040	0	25,400	3,840	216	0	3,800
Fishing and aquaculture	4	98,292	84,140	0	6,858	0	144	0	7,150
ALL SECTORS - Central Region	46,177	8,589,731,704	3,482,569,169	4,814,316,689	55,765,208	35,067,333	8,212,258	3,022,522	190,778,525
AGRICULTURE	153	19,320,321	15,313,074	402,207	1,063,907	147,332	112,062	0	2,281,739
Agriculture, forestry and fishing	153	19,320,321	15,313,074	402,207	1,063,907	147,332	112,062	0	2,281,739
Crop and animal production, hunting and related service activities	147	19,207,017	15,234,761	398,707	1,049,021	146,632	111,402	0	2,266,494
Fishing and aquaculture	6	113,304	78,313	3,500	14,886	700	660	0	15,245
ALL SECTORS - Greater Accra Region	135,471	149,177,961,766	96,447,260,172	5,303,442,319	8,779,546,064	2,148,900,703	176,226,653	170,199,775	36,152,386,080
AGRICULTURE	241	387,935,956	195,635,511	59,727	76,490,426	2,028,253	789,587	16,782	112,915,670
Agriculture, forestry and fishing	241	387,935,956	195,635,511	59,727	76,490,426	2,028,253	789,587	16,782	112,915,670
Crop and animal production, hunting and related service activities	201	172,123,142	155,354,036	38,727	2,865,405	1,114,179	714,234	16,782	12,019,779
Fishing and aquaculture	39	215,812,815	40,281,475	21,000	73,625,021	914,074	75,354	0	100,895,891
ALL SECTORS - Volta Region	39,528	3,127,860,147	2,659,293,756	215,552,334	42,723,894	44,939,936	4,634,267	700,456	160,015,504
AGRICULTURE	232	30,514,747	20,569,301	1,552,427	1,832,804	776,691	69,066	0	5,714,458
Agriculture, forestry and fishing	232	30,514,747	20,569,301	1,552,427	1,832,804	776,691	69,066	0	5,714,458
Crop and animal production, hunting and related service activities	220	28,121,918	18,467,254	1,546,967	1,741,177	765,458	67,509	0	5,533,553
Forestry and logging	4	221,368	76,169	5,460	80,407	543	807	0	57,982
Fishing and aquaculture	8	2,171,461	2,025,878	0	11,220	10,690	750	0	122,923
ALL SECTORS - Eastern Region	49,217	6,625,919,507	5,106,969,540	98,497,807	313,731,328	184,447,954	6,206,843	840,477	915,225,558

Table A.2: Purchases and other operating cost in the agriculture sector by region (Cont'd)

Region	No. of Establishments	Total GH¢	Material and Supplies, GH¢	Goods Purchased for Resale Ghc	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other Purchases (Ghc)	Other OPERATING Costs GH¢
AGRICULTURE	325	60,077,955	35,488,935	3,567,281	15,375,369	772,854	160,957	2,800	4,709,759
<i>Agriculture, forestry and fishing</i>	<i>325</i>	<i>60,077,955</i>	<i>35,488,935</i>	<i>3,567,281</i>	<i>15,375,369</i>	<i>772,854</i>	<i>160,957</i>	<i>2,800</i>	<i>4,709,759</i>
Crop and animal production, hunting and related service activities	301	50,397,733	27,295,467	3,567,281	14,761,523	536,053	157,157	2,800	4,077,452
Forestry and logging	7	1,281,050	682,662	0	405,030	27,780	0	0	165,578
Fishing and aquaculture	17	8,399,172	7,510,806	0	208,816	209,021	3,800	0	466,729
ALL SECTORS - Ashanti Region	98,840	24,118,752,070	21,393,642,894	1,419,705,591	251,431,191	212,671,100	15,128,476	2,871,781	823,301,037
AGRICULTURE	549	402,386,630	378,250,507	677,845	5,538,894	1,472,805	511,767	1,516,859	14,417,953
<i>Agriculture, forestry and fishing</i>	<i>549</i>	<i>402,386,630</i>	<i>378,250,507</i>	<i>677,845</i>	<i>5,538,894</i>	<i>1,472,805</i>	<i>511,767</i>	<i>1,516,859</i>	<i>14,417,953</i>
Crop and animal production, hunting and related service activities	538	398,270,609	377,251,990	374,845	3,832,250	1,345,425	506,992	632,534	14,326,573
Forestry and logging	8	3,706,676	755,506	294,000	1,573,210	117,500	4,535	884,325	77,600
Fishing and aquaculture	3	409,345	243,011	9,000	133,434	9,880	240	0	13,780
ALL SECTORS - Brong Ahafo Region	44,404	6,132,304,741	5,578,764,594	78,329,298	169,862,885	40,666,667	8,116,112	4,653,651	251,911,534
AGRICULTURE	575	145,447,561	126,760,219	765,068	5,793,834	991,739	317,216	18,943	10,800,542
<i>Agriculture, forestry and fishing</i>	<i>575</i>	<i>145,447,561</i>	<i>126,760,219</i>	<i>765,068</i>	<i>5,793,834</i>	<i>991,739</i>	<i>317,216</i>	<i>18,943</i>	<i>10,800,542</i>
Crop and animal production, hunting and related service activities	546	144,972,748	126,472,430	764,900	5,710,039	989,069	315,756	18,943	10,701,611
Forestry and logging	13	227,573	95,373	168	69,665	1,470	1,400	0	59,497
Fishing and aquaculture	16	247,240	192,416	0	14,130	1,200	60	0	39,434
ALL SECTORS - Northern Region	35,917	7,110,367,993	6,296,690,129	245,361,659	40,109,589	27,210,073	5,402,500	2,329,627	493,264,416
AGRICULTURE	202	975,622,126	942,436,465	28,783,281	464,760	45,225	31,984	0	3,860,411
<i>Agriculture, forestry and fishing</i>	<i>202</i>	<i>975,622,126</i>	<i>942,436,465</i>	<i>28,783,281</i>	<i>464,760</i>	<i>45,225</i>	<i>31,984</i>	<i>0</i>	<i>3,860,411</i>
Crop and animal production, hunting and related service activities	158	975,589,641	942,436,465	28,783,281	454,360	45,225	31,984	0	3,838,326
Forestry and logging	2	0	0	0	0	0	0	0	0
Fishing and aquaculture	42	32,484	0	0	10,400	0	0	0	22,084

Table A.2: Purchases and other operating cost in the agriculture sector by region (Cont'd)

Region	No. of Establishments	Total GH¢	Material and Supplies, GH¢	Goods Purchased for Resale Ghc	Fuel purchased GH¢	Electricity purchased Gh¢	Water purchased Gh¢	Other Purchases (Ghc)	Other OPERATING Costs GH¢
<i>ALL SECTORS - Upper East Region</i>	<i>14,283</i>	<i>2,200,730,690</i>	<i>1,773,881,433</i>	<i>327,684,429</i>	<i>18,980,341</i>	<i>17,277,179</i>	<i>2,238,970</i>	<i>2,657,562</i>	<i>58,010,776</i>
<i>AGRICULTURE</i>	<i>20</i>	<i>1,099,552</i>	<i>996,730</i>	<i>0</i>	<i>18,180</i>	<i>6,420</i>	<i>1,010</i>	<i>4,300</i>	<i>72,912</i>
<i>Agriculture, forestry and fishing</i>	<i>20</i>	<i>1,099,552</i>	<i>996,730</i>	<i>0</i>	<i>18,180</i>	<i>6,420</i>	<i>1,010</i>	<i>4,300</i>	<i>72,912</i>
Crop and animal production, hunting and related service activities	20	1,099,552	996,730	0	18,180	6,420	1,010	4,300	72,912
<i>ALL SECTORS - Upper West Region</i>	<i>12,526</i>	<i>2,311,936,817</i>	<i>1,135,063,411</i>	<i>9,843,714</i>	<i>12,685,192</i>	<i>8,495,069</i>	<i>1,906,792</i>	<i>493,365</i>	<i>1,143,449,274</i>
<i>AGRICULTURE</i>	<i>30</i>	<i>4,375,233</i>	<i>1,618,746</i>	<i>2,377,000</i>	<i>135,752</i>	<i>11,190</i>	<i>9,512</i>	<i>0</i>	<i>223,033</i>
<i>Agriculture, forestry and fishing</i>	<i>30</i>	<i>4,375,233</i>	<i>1,618,746</i>	<i>2,377,000</i>	<i>135,752</i>	<i>11,190</i>	<i>9,512</i>	<i>0</i>	<i>223,033</i>
Crop and animal production, hunting and related service activities	29	4,365,578	1,609,169	2,377,000	135,674	11,190	9,512	0	223,033
Fishing and aquaculture	1	9,655	9,577	0	78	0	0	0	0

Table A.3: Purchases and other operating cost in the industry sector

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS - National	535,337	167,504,307,996	97,659,974,533	13,417,327,297	10,363,410,055	2,964,376,965	240,170,587	383,779,170	42,475,269,389
Industry	106,330	37,900,642,460	23,813,944,876	2,182,130,610	4,155,028,052	866,738,473	80,826,914	206,714,198	6,595,259,337
Mining and quarrying	293	9,349,906,890	2,869,454,469	60,013,437	2,739,307,644	449,875,187	2,921,959	190,266,192	3,038,068,002
Extraction of crude petroleum and natural gas	6	1,639,554,690	1,004,975,723	0	108,885,287	3,314,975	619,494	0	521,759,211
Mining of metal ores	129	4,780,129,807	1,493,378,339	130,000	517,088,582	413,477,285	1,733,371	189,475,360	2,164,846,870
Other mining and quarrying	102	452,226,550	74,488,740	9,775,449	282,756,538	17,621,540	332,929	751,765	66,499,589
Mining support service activities	56	2,477,995,842	296,611,667	50,107,987	1,830,577,237	15,461,387	236,165	39,067	284,962,332
Manufacturing	101,789	18,532,953,962	15,050,947,990	991,107,497	402,025,489	306,174,093	63,134,215	14,965,862	1,704,598,816
Manufacture of food products	17,471	5,524,376,317	4,896,925,967	43,441,069	62,380,153	47,364,373	8,180,670	3,106,936	462,977,149
Manufacture of beverages	2,328	1,033,227,385	600,056,066	15,184,036	84,742,401	53,441,459	24,346,400	6,600	255,450,423
Manufacture of textiles	2,596	284,010,605	207,580,855	5,278,158	20,624,922	4,278,895	496,808	0	45,750,967
Manufacture of wearing apparel	49,812	361,375,502	206,425,283	69,333,108	4,921,960	20,881,816	3,879,554	20,793	55,912,988
Manufacture of leather and related products	3,441	143,036,948	132,462,888	1,786,297	312,984	1,902,766	131,054	0	6,440,959
Manufacture of wood and of products of wood and cork, except furniture	2,065	651,316,273	417,073,389	46,862,049	70,303,819	29,015,199	1,088,894	35,381	86,937,542
Manufacture of paper and paper products	288	235,072,778	182,575,600	15,609,451	3,679,932	2,749,602	465,668	0	29,992,525
Printing and reproduction of recorded media	1,689	173,679,126	129,939,129	1,292,820	4,842,896	5,426,750	590,064	38,662	31,548,805
Manufacture of coke and refined petroleum products	10	1,140,286,707	898,556,405	0	496,859	813,611	6,319,178	0	234,100,654
Manufacture of chemicals and chemical products	344	721,727,512	651,919,031	2,299,803	11,840,410	8,331,340	953,545	3,642,516	42,740,867
Manufacture of pharmaceuticals, medicinal chemical and botanical products	131	186,522,793	135,440,088	448,290	7,258,225	7,021,898	780,602	5,679,085	29,894,605

Table A.3: Purchases and other operating cost in the industry sector (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Manufacturing (Cont'd)									
Manufacture of rubber and plastics products	202	867,742,500	737,913,858	3,956,178	21,431,501	25,217,679	2,736,881	2,016,573	74,469,830
Manufacture of other non-metallic mineral products	1,845	996,000,676	767,623,387	6,592,371	76,638,171	22,809,574	1,479,382	403,198	120,454,593
Manufacture of basic metals	383	2,049,970,626	1,924,018,163	753,441	10,584,596	50,343,288	1,499,181	0	62,771,957
Manufacture of fabricated metal products, except machinery and equipment	7,984	1,014,807,872	890,448,792	11,609,386	12,938,154	16,302,129	1,946,332	2,300	81,560,779
Manufacture of computer, electronic and optical products	123	66,668,125	53,998,482	10,331,538	42,978	406,882	130,549	0	1,757,696
Manufacture of electrical equipment	129	1,029,770,087	1,018,008,952	309,105	466,495	1,283,732	88,173	0	9,613,630
Manufacture of machinery and equipment n.e.c.	360	39,294,952	32,744,038	788,945	594,555	916,276	102,667	0	4,148,471
Manufacture of motor vehicles, trailers and semi-trailers	353	21,285,951	19,200,279	274,543	307,867	172,544	30,061	0	1,300,657
Manufacture of other transport equipment	96	5,868,625	5,224,445	226,306	27,689	27,953	3,220	0	359,012
Manufacture of furniture	7,088	344,407,686	272,705,036	7,951,091	4,766,371	5,024,894	1,151,818	0	52,808,476
Other manufacturing	1,078	1,588,760,891	831,515,769	744,102,092	1,484,012	805,573	6,421,401	0	4,432,044
Repair and installation of machinery and equipment	1,971	53,744,027	38,592,088	2,677,420	1,338,541	1,635,861	312,113	13,817	9,174,187
Electricity, gas, steam and air conditioning supply	327	4,018,047,727	1,742,654,746	1,105,762,051	773,911,091	13,585,501	1,829,398	0	380,304,940
Electricity, gas, steam and air conditioning supply	327	4,018,047,727	1,742,654,746	1,105,762,051	773,911,091	13,585,501	1,829,398	0	380,304,940
Water supply; sewerage, waste management	507	309,293,457	124,090,996	270,409	24,252,252	74,101,944	470,207	8,976	86,098,673
Water collection, treatment and supply	334	235,643,558	103,523,107	103,861	5,623,318	71,764,880	62,948	0	54,565,444
Sewerage	6	1,621,251	521,092	83,993	390,283	0	764	0	625,119
Waste collection, treatment and disposal activities; materials recovery	167	72,028,650	20,046,798	82,556	18,238,651	2,337,063	406,495	8,976	30,908,111
Construction	3,414	5,690,440,427	4,026,796,675	24,977,217	215,531,577	23,001,749	12,471,135	1,473,168	1,386,188,906
Construction of buildings	1,464	3,684,757,165	3,070,254,761	10,224,701	105,278,514	10,808,120	4,631,821	690,575	482,868,673
Civil engineering	500	1,736,274,497	776,035,252	195,100	98,760,276	9,249,147	6,838,593	689,317	844,506,812
Specialized construction activities	1,450	269,408,762	180,506,661	14,557,415	11,492,787	2,944,482	1,000,720	93,276	58,813,421

Table A.4: Purchases and other operating cost in the industry sector by size-

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -National Industry	535,337	167,504,307,996	97,659,974,533	13,417,327,297	10,363,410,055	2,964,376,965	240,170,587	383,779,170	42,475,269,389
Mining and quarrying	293	9,349,906,890	2,869,454,469	60,013,437	2,739,307,644	449,875,187	2,921,959	190,266,192	3,038,068,002
Large-Sized Businesses	43	5,722,525,844	1,932,431,742	49,961,546	888,388,002	416,690,727	2,284,064	189,432,784	2,243,336,979
Medium-Sized Businesses	65	3,135,712,477	691,100,869	9,677,085	1,829,136,844	6,072,064	319,435	810,692	598,595,488
Small-Sized Businesses	144	489,092,883	244,979,552	297,805	21,626,855	27,006,275	310,185	17,100	194,855,111
Micro-Sized Businesses	41	2,575,685	942,306	77,000	155,943	106,120	8,275	5,616	1,280,425
Manufacturing	101,789	18,532,953,962	15,050,947,990	991,107,497	402,025,489	306,174,093	63,134,215	14,965,862	1,704,598,816
Large-Sized Businesses	215	10,975,505,765	9,246,569,386	40,119,470	257,479,220	159,426,844	44,317,152	10,911,987	1,216,681,706
Medium-Sized Businesses	818	2,740,169,919	2,387,649,185	6,911,104	77,547,978	56,303,181	5,511,822	3,997,094	202,249,555
Small-Sized Businesses	25,171	3,769,205,014	2,604,121,408	879,718,890	48,915,444	49,777,100	7,064,403	40,162	179,567,607
Micro-Sized Businesses	75,585	1,048,073,267	812,608,012	64,358,034	18,082,847	40,666,969	6,240,837	16,619	106,099,949
Electricity, gas, steam and air conditioning supply	327	4,018,047,727	1,742,654,746	1,105,762,051	773,911,091	13,585,501	1,829,398	0	380,304,940
Large-Sized Businesses	25	3,883,366,918	1,655,313,702	1,105,351,500	762,706,896	12,862,283	1,748,017	0	345,384,520
Medium-Sized Businesses	5	5,400,719	822,164	357,551	1,383,184	222,818	4,980	0	2,610,022
Small-Sized Businesses	271	123,365,281	80,696,465	0	9,815,211	495,331	75,939	0	32,282,335
Micro-Sized Businesses	26	5,914,808	5,822,415	53,000	5,800	5,070	461	0	28,062
Water supply; sewerage, waste management	507	309,293,457	124,090,996	270,409	24,252,252	74,101,944	470,207	8,976	86,098,673
Large-Sized Businesses	43	259,429,779	112,202,884	54,476	19,927,448	69,434,475	331,634	8,922	57,469,940
Medium-Sized Businesses	55	25,963,146	5,690,243	83,993	1,900,963	267,651	35,372	0	17,984,924
Small-Sized Businesses	197	22,286,690	5,545,212	52,750	2,341,272	4,008,304	59,015	54	10,280,083
Micro-Sized Businesses	212	1,613,843	652,657	79,191	82,569	391,514	44,186	0	363,726
Construction	3,414	5,690,440,427	4,026,796,675	24,977,217	215,531,577	23,001,749	12,471,135	1,473,168	1,386,188,906
Large-Sized Businesses	77	937,201,145	588,271,017	0	66,939,971	5,467,334	1,628,347	644,950	274,249,526
Medium-Sized Businesses	359	1,729,943,743	707,223,050	3,957,025	80,093,769	8,577,507	6,216,652	742,650	923,133,090
Small-Sized Businesses	1,910	2,755,562,722	2,482,447,607	19,855,619	65,906,142	8,340,222	4,197,554	85,568	174,730,010
Micro-Sized Businesses	1,068	267,732,815	248,855,001	1,164,573	2,591,695	616,685	428,581	0	14,076,280

Table A.5: Purchases and other operating cost in the industry subsector in Western region

Sector	No. of Establishments	Total (GH¢)	Material and Supplies (GH¢)	Goods Purchased for Resale (GH¢)	Fuel Purchased (GH¢)	Electricity purchased (GH¢)	Water purchased (GH¢)	Other Purchases (GH¢)	Other Operating Costs (GH¢)
ALL SECTORS -Western Region	58,980	12,020,161,644	7,697,258,520	904,593,457	678,574,365	244,700,952	12,097,715	196,009,953	2,286,926,682
Industry	10,422	5,958,436,520	2,966,606,192	171,084,741	453,895,470	198,563,350	3,677,534	192,115,066	1,972,494,167
Mining and quarrying	118	4,948,655,743	2,309,538,475	82,525	416,216,061	177,958,491	2,257,668	189,080,878	1,853,521,645
Extraction of crude petroleum and natural gas	5	1,626,136,489	1,003,355,333	0	105,302,047	3,273,301	605,602	0	513,600,206
Mining of metal ores	77	3,232,233,809	1,260,300,244	80,000	295,199,097	173,875,586	1,573,087	189,041,811	1,312,163,984
Other mining and quarrying	28	14,054,279	9,222,767	525	1,231,341	702,482	32,662	0	2,864,502
Mining support service activities	7	76,231,166	36,660,132	2,000	14,483,575	107,121	46,318	39,067	24,892,953
Manufacturing	10,062	750,640,900	572,340,508	25,152,195	31,707,264	18,676,878	1,319,026	2,988,558	98,456,471
Manufacture of food products	1,890	141,189,306	84,376,447	821,299	16,246,420	5,579,769	543,492	2,951,320	30,670,559
Manufacture of beverages	81	18,682,024	14,867,628	400	1,794,751	648,055	8,059	0	1,363,131
Manufacture of textiles	57	4,540,838	4,260,402	28,940	7,447	22,152	2,197	0	219,700
Manufacture of wearing apparel	5,054	36,777,007	16,661,652	15,812,352	326,534	1,072,989	154,999	0	2,748,481
Manufacture of leather and related products	507	20,387,529	19,348,540	254,979	60,090	199,106	10,497	0	514,317
Manufacture of wood and of products of wood and cork, except furniture;	181	79,750,375	25,260,448	3,309,191	10,808,944	6,956,340	160,717	0	33,254,735
Manufacture of paper and paper products	2	597,960	494,000	0	84,600	2,880	2,400	0	14,080
Printing and reproduction of recorded media	57	2,332,553	1,600,578	129,217	81,642	125,549	30,708	37,238	327,621
Manufacture of chemicals and chemical products	13	2,678,972	2,418,428	13,110	16,186	110,441	6,636	0	114,171
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3	97,294	48,618	0	7,920	6,048	648	0	34,060
Manufacture of rubber and plastics products	5	259,720,569	255,626,958	35,690	27,633	1,015,412	2,000	0	3,012,876

Table A.5: Purchases and other operating cost in the industry sector in Western region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Manufacturing (Cont'd)									
Manufacture of other non-metallic mineral products	193	95,706,057	80,838,996	317,243	989,541	779,117	144,816	0	12,636,344
Manufacture of basic metals	52	5,474,869	4,845,145	243,892	52,019	54,696	7,318	0	271,799
Manufacture of fabricated metal products, except machinery and equipment	481	25,102,473	15,037,085	146,266	603,089	796,628	103,561	0	8,415,844
Manufacture of computer, electronic and optical products	3	58,203	52,437	1,500	0	870	566	0	2,830
Manufacture of electrical equipment	2	50,640	39,360	0	0	7,200	680	0	3,400
Manufacture of machinery and equipment n.e.c.	10	588,915	469,968	54,600	4,671	12,202	1,728	0	45,746
Manufacture of motor vehicles, trailers and semi-trailers	14	1,012,279	929,108	0	4,569	16,433	2,290	0	59,879
Manufacture of other transport equipment	6	3,880,280	3,612,500	0	12,000	3,710	3,000	0	249,070
Manufacture of furniture	1,108	43,296,224	34,564,075	3,203,736	402,294	1,093,214	113,817	0	3,919,088
Other manufacturing	15	292,626	205,334	42,095	7,988	7,812	2,868	0	26,529
Repair and installation of machinery and equipment	328	8,423,909	6,782,799	737,687	168,927	166,256	16,030	0	552,210
Electricity, gas, steam and air conditioning supply	16	196,365,149	48,289,879	142,984,551	1,251,884	231,234	4,381	0	3,603,220
Electricity, gas, steam and air conditioning supply	16	196,365,149	48,289,879	142,984,551	1,251,884	231,234	4,381	0	3,603,220
Water supply; sewerage, waste management	48	1,698,627	723,111	43,000	120,295	561,803	5,507	8,922	235,989
Water collection, treatment and supply	42	1,274,295	469,479	43,000	19,247	554,843	2,507	0	185,219
Waste collection, treatment and disposal activities; materials recovery	6	424,332	253,632	0	101,048	6,960	3,000	8,922	50,770
Construction	178	61,076,101	35,714,219	2,822,470	4,599,966	1,134,944	90,952	36,708	16,676,842
Construction of buildings	76	25,196,850	15,712,443	1,246,343	1,816,601	1,038,159	69,809	24,000	5,289,495
Construction of roads and railway	30	19,320,066	8,374,804	0	2,228,668	69,010	11,568	0	8,636,016
Specialized construction activities	71	16,559,184	11,626,972	1,576,127	554,697	27,775	9,575	12,708	2,751,330

Table A.6: Purchases and other operating cost in the industry sector in Central region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Central Region	46,176	7,614,029,846	2,506,867,306	4,814,316,690	55,765,209	35,067,333	8,212,261	3,022,522	190,778,525
Industry	8,396	529,001,868	387,971,194	77,140,548	13,265,153	6,623,407	1,041,619	23,611	42,936,336
Mining and quarrying	8	24,133,668	3,309,169	0	5,555,302	825,274	46,472	22,600	14,374,851
Extraction of crude petroleum and natural gas	1	13,418,201	1,620,390	0	3,583,240	41,674	13,892	0	8,159,005
Mining of metal ores	2	225,746	6,000	0	201,250	0	180	0	18,316
Other mining and quarrying	5	10,489,721	1,682,779	0	1,770,812	783,600	32,400	22,600	6,197,530
Manufacturing	8,218	385,691,695	344,046,576	5,771,646	5,403,696	5,118,082	861,428	1,011	24,489,256
Manufacture of food products	1,166	63,767,619	52,395,419	34,144	1,822,308	1,138,053	244,197	0	8,133,498
Manufacture of beverages	522	17,973,857	14,910,375	17,087	818,060	875,771	76,666	0	1,275,898
Manufacture of textiles	236	1,376,201	377,532	762,191	1,635	28,534	5,373	0	200,936
Manufacture of wearing apparel	3,956	21,170,133	13,612,002	2,764,983	51,586	1,051,550	284,191	0	3,405,821
Manufacture of leather and related products	64	734,269	617,925	11,918	1,033	15,820	6,215	0	81,358
Manufacture of wood and of products of wood and cork, except furniture;	154	5,415,091	3,917,877	0	310,150	295,173	3,762	0	888,129
Manufacture of paper and paper products	15	2,809,295	2,124,322	57,200	344,586	101,189	2,555	0	179,443
Printing and reproduction of recorded media	114	1,744,611	1,235,918	25,059	16,069	124,068	4,156	0	339,341
Manufacture of chemicals and chemical products	22	24,474,536	15,738,802	29,995	1,331,353	547,057	30,915	0	6,796,414
Manufacture of pharmaceuticals, medicinal chemical and botanical products	28	715,734	356,668	4,832	90,780	18,401	8,703	0	236,350
Manufacture of rubber and plastics products	4	67,406	34,952	24,000	1,440	1,040	72	0	5,902
Manufacture of other non-metallic mineral products	127	6,957,719	4,689,164	1,450,538	326,059	99,134	20,622	0	372,202
Manufacture of basic metals	106	186,143,401	185,804,466	0	1,200	35,789	6,122	0	295,824
Manufacture of fabricated metal products, except machinery and equipment	461	23,410,170	21,939,319	127,090	47,274	389,076	58,612	0	848,799
Manufacture of computer, electronic and optical products	3	26,090	19,144	3,000	50	1,296	180	0	2,420
Manufacture of electrical equipment	3	88,948	75,254	0	10,560	2,076	0	0	1,058
Manufacture of machinery and equipment n.e.c.	104	11,794,795	11,335,365	14,100	52,661	182,550	8,348	0	201,771

Table A.6: Purchases and other operating cost in the industry sector in Central region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Manufacturing (Cont'd)									
Manufacture of motor vehicles, trailers and semi-trailers	26	430,570	134,173	153,990	13,911	9,847	2,869	0	115,780
Manufacture of other transport equipment	1	23,795	22,375	800	50	100	50	0	420
Manufacture of furniture	777	10,317,414	9,080,264	118,473	57,677	162,879	94,370	0	803,751
Other manufacturing	185	5,540,524	5,329,545	44,667	2,872	21,514	2,987	0	138,939
Repair and installation of machinery and equipment	144	709,517	295,715	127,579	102,382	17,166	461	1,011	165,203
Electricity, gas, steam and air conditioning supply	9	92,940,263	21,081,955	71,313,000	9,960	7,104	480	0	527,764
Electricity, gas, steam and air conditioning supply	9	92,940,263	21,081,955	71,313,000	9,960	7,104	480	0	527,764
Water supply; sewerage, waste management	17	775,358	521,638	2,100	46,341	96,182	4,560	0	104,537
Water collection, treatment and supply	17	775,358	521,638	2,100	46,341	96,182	4,560	0	104,537
Construction	144	25,460,884	19,011,856	53,802	2,249,854	576,765	128,679	0	3,439,928
Construction of buildings	54	14,452,469	11,318,645	18,858	578,015	76,559	87,176	0	2,373,216
Civil engineering	29	9,522,184	6,367,164	0	1,622,260	493,645	30,146	0	1,008,969
Specialized construction activities	61	1,486,233	1,326,047	34,944	49,580	6,561	11,357	0	57,744

Table A.7: Purchase and other operating cost in the industry sector in Greater Accra region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢)	Other Operating Costs GH¢
ALL SECTORS - Greater Accra Region	135,471	112,118,855,535	59,388,153,940	5,303,442,319	8,779,546,062	2,148,900,703	176,226,653	170,199,776	36,152,386,082
Industry	23,976	23,835,409,503	15,455,298,272	1,447,296,781	3,284,852,906	297,304,882	67,906,837	13,992,747	3,268,757,078
Mining and quarrying	82	2,829,621,440	329,653,561	59,033,427	2,074,669,459	16,997,388	335,490	824,422	348,107,693
Mining of metal ores	12	84,586,654	23,712,953	0	10,254,371	89,906	37,912	433,449	50,058,063
Other mining and quarrying	21	343,280,640	45,989,553	8,927,439	248,321,427	1,554,417	107,730	390,973	37,989,101
Mining support service activities	48	2,401,754,146	259,951,055	50,105,987	1,816,093,662	15,353,066	189,847	0	260,060,529
Manufacturing	21,956	12,767,584,926	10,097,240,881	843,415,996	246,850,773	191,157,319	54,913,788	11,731,811	1,322,274,358
Manufacture of food products	1,658	2,880,114,024	2,451,022,792	27,904,026	23,974,641	19,334,275	6,011,027	48,000	351,819,263
Manufacture of beverages	238	848,906,521	450,739,736	12,580,574	73,832,902	47,743,169	23,825,639	0	240,184,501
Manufacture of textiles	136	180,084,754	123,077,910	3,163,750	13,745,953	3,817,276	356,013	0	35,923,852
Manufacture of wearing apparel	13,048	103,599,208	59,953,716	11,507,866	1,908,932	9,393,491	1,895,229	18,792	18,921,182
Manufacture of leather and related products	334	5,770,435	3,590,402	559,500	26,970	560,297	23,638	0	1,009,628
Manufacture of wood and of products of wood and cork, except furniture;	200	27,283,856	16,322,942	2,546,552	331,015	917,457	355,098	0	6,810,792
Manufacture of paper and paper products	171	223,733,773	174,191,249	15,471,501	2,602,416	2,235,186	260,368	0	28,973,053
Printing and reproduction of recorded media	609	147,410,930	110,849,236	857,270	4,040,380	3,777,790	486,718	0	27,399,536
Manufacture of coke and refined petroleum products	9	1,137,769,774	896,269,772	0	496,859	780,567	6,319,178	0	233,903,398
Manufacture of chemicals and chemical products	149	666,846,616	609,025,641	1,430,977	10,165,776	7,224,222	900,989	3,566,163	34,532,848
Manufacture of pharmaceuticals, medicinal chemical and botanical products	37	115,601,921	88,955,252	312,197	1,687,862	2,103,510	527,264	5,679,085	16,336,751
Manufacture of rubber and plastics products	153	603,888,023	478,439,152	3,858,473	21,371,692	24,128,554	2,729,997	2,016,573	71,343,582

Table A.7: Purchases and other operating cost in the industry sector in Greater Accra region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases (GH¢)	Other Operating Costs GH¢
Manufacturing (Cont'd)									
Manufacture of other non-metallic mineral products	789	478,887,253	322,215,093	1,798,872	69,930,297	5,051,572	1,169,911	403,198	78,318,310
Manufacture of basic metals	131	1,803,907,368	1,684,112,635	419,189	10,102,014	48,552,644	1,459,014	0	59,261,872
Manufacture of fabricated metal products, except machinery and equipment	2,331	703,587,672	619,861,393	5,697,958	6,481,845	9,904,988	1,223,869	0	60,417,619
Manufacture of computer, electronic and optical products	45	65,180,787	52,776,851	10,198,169	34,364	370,422	127,483	0	1,673,498
Manufacture of electrical equipment	79	1,028,511,168	1,017,196,347	150,000	341,208	1,254,693	62,000	0	9,506,920
Manufacture of machinery and equipment n.e.c.	18	11,555,946	6,925,496	541,146	399,371	360,556	38,045	0	3,291,332
Manufacture of motor vehicles, trailers and semi-trailers	114	5,187,383	4,620,950	0	263,323	51,055	11,120	0	240,935
Manufacture of other transport equipment	3	376,023	132,680	211,906	3,907	1,988	0	0	25,542
Manufacture of furniture	1,205	149,386,659	110,076,916	630,639	3,242,143	1,909,594	508,101	0	33,019,266
Other manufacturing	252	1,562,645,475	807,602,640	743,492,404	1,359,977	585,722	6,377,437	0	3,227,295
Repair and installation of machinery and equipment	246	17,349,360	9,282,080	83,027	506,928	1,098,293	245,649	0	6,133,383
Electricity, gas, steam and air conditioning supply	277	2,962,457,127	1,397,761,750	534,899,500	770,547,484	4,826,008	1,805,179	0	252,617,206
Electricity, gas, steam and air conditioning supply	277	2,962,457,127	1,397,761,750	534,899,500	770,547,484	4,826,008	1,805,179	0	252,617,206
Water supply; sewerage, waste management	164	265,427,819	99,348,609	166,548	21,145,161	65,262,874	390,795	54	79,113,778
Water collection, treatment and supply	77	202,734,991	85,576,163	0	4,166,602	63,309,759	32,536	0	49,649,931
Sewerage	4	1,614,468	514,573	83,993	390,283	0	500	0	625,119
Waste collection, treatment and disposal activities; materials recovery	83	61,078,361	13,257,873	82,556	16,588,276	1,953,115	357,759	54	28,838,728
Construction	1,497	5,010,318,191	3,531,293,471	9,781,310	171,640,029	19,061,293	10,461,585	1,436,460	1,266,644,043
Construction of buildings	673	3,409,981,776	2,850,114,457	5,269,745	88,836,441	9,106,075	3,256,087	666,575	452,732,396
Civil engineering	261	1,380,519,906	531,769,900	400	73,029,265	7,320,828	6,274,518	689,317	761,435,678
Specialized construction activities	562	219,816,507	149,409,114	4,511,164	9,774,323	2,634,390	930,980	80,568	52,475,968

Table A.8: Purchases and other operating cost in the industry sector in Volta region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Volta Region	39,530	4,176,758,965	3,708,192,574	215,552,335	42,723,894	44,939,935	4,634,268	700,455	160,015,504
Industry	9,804	643,140,523	470,981,454	80,392,983	18,471,495	20,147,368	815,569	2,001	52,329,653
Mining and quarrying	7	1,373,446	19,317	0	356,804	15,439	2,435	0	979,451
Other mining and quarrying	7	1,373,446	19,317	0	356,804	15,439	2,435	0	979,451
Manufacturing	9,254	468,810,260	380,930,372	17,705,264	9,364,565	18,383,150	667,400	2,001	41,757,508
Manufacture of food products	2,855	25,381,143	14,723,465	1,755,660	3,323,999	1,322,391	47,565	0	4,208,063
Manufacture of beverages	321	31,831,921	26,090,240	622,750	1,556,193	729,966	229,388	0	2,603,384
Manufacture of textiles	826	6,812,784	4,771,937	181,157	123,352	43,058	59,234	0	1,634,046
Manufacture of wearing apparel	3,573	22,362,353	6,276,564	10,430,861	235,388	898,705	106,336	2,001	4,412,498
Manufacture of leather and related products	143	1,865,430	1,568,869	13,921	5,843	8,087	744	0	267,966
Manufacture of wood and of products of wood and cork, except furniture	168	24,222,364	17,087,117	1,642,518	1,702,767	1,346,263	39,744	0	2,403,955
Manufacture of paper and paper products	1	335,680	255,720	0	38,360	6,000	1,300	0	34,300
Printing and reproduction of recorded media	82	1,176,720	702,808	1,000	102,489	79,780	4,914	0	285,729
Manufacture of chemicals and chemical products	2	197,480	178,460	2,000	14,880	300	0	0	1,840
Manufacture of pharmaceuticals, medicinal chemical and botanical products	7	77,297	45,495	1,520	6,670	3,280	1,262	0	19,070
Manufacture of rubber and plastics products	5	125,495	95,408	7,299	0	2,082	136	0	20,570
Manufacture of other non-metallic mineral products	63	312,874,506	274,561,778	1,302,632	1,741,593	13,403,357	89,611	0	21,775,535
Manufacture of fabricated metal products, except machinery and equipment	301	14,645,570	13,403,856	36,732	112,579	209,447	19,465	0	863,491
Manufacture of computer, electronic and optical products	14	124,869	85,965	16,844	1,460	2,720	384	0	17,496
Manufacture of electrical equipment	14	132,364	79,855	300	1,576	12,380	23,812	0	14,441

Table A.8: Purchases and other operating cost in the industry sector in Volta region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Manufacturing (Cont'd)									
Manufacture of machinery and equipment n.e.c.	26	794,679	555,928	3,600	18,757	78,688	3,967	0	133,739
Manufacture of motor vehicles, trailers and semi-trailers	6	65,372	32,568	9,800	8,220	1,010	0	0	13,774
Manufacture of other transport equipment	60	961,634	887,136	3,600	11,362	4,900	0	0	54,636
Manufacture of furniture	492	20,757,785	16,460,934	1,471,058	283,338	129,234	15,273	0	2,397,948
Other manufacturing	13	287,693	236,016	4,600	4,875	2,268	288	0	39,646
Repair and installation of machinery and equipment	282	3,777,123	2,830,252	197,412	70,865	99,234	23,977	0	555,383
Electricity, gas, steam and air conditioning supply	6	76,993,860	17,564,020	59,427,500	1,800	0	0	0	540
Electricity, gas, steam and air conditioning supply	6	76,993,860	17,564,020	59,427,500	1,800	0	0	0	540
Water supply; sewerage, waste management	52	2,107,224	305,621	7,650	97,082	1,169,171	5,064	0	522,636
Water collection, treatment and supply	35	1,920,421	274,237	7,650	60,759	1,145,062	3,512	0	429,201
Waste collection, treatment and disposal activities; materials recovery	16	186,800	31,384	0	36,322	24,109	1,551	0	93,434
Construction	486	93,855,733	72,162,124	3,252,569	8,651,244	579,608	140,670	0	9,069,518
Construction of buildings	287	87,871,389	68,616,204	3,053,867	7,791,563	262,775	112,267	0	8,034,713
Civil engineering	21	4,897,717	2,923,817	102,244	835,030	283,839	18,024	0	734,763
Specialized construction activities	178	1,086,625	622,102	96,458	24,651	32,994	10,379	0	300,041

Table A.9: Purchases and other operating cost in the industry sector in Eastern region

Sector	No. of Establishments	Total GH¢	Material and Supplies, GH¢	Goods Purchased for Resale GH¢	Fuel purchased GH¢	Electricity purchased GH¢	Water purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Eastern Region	49,220	6,187,185,005	4,668,235,041	98,497,807	313,731,326	184,447,952	6,206,844	840,477	915,225,558
Industry	10,022	3,237,360,972	2,127,629,339	17,394,115	224,101,199	157,524,974	890,581	120,984	709,699,780
Mining and quarrying	28	1,161,341,826	175,512,771	749,646	204,110,765	144,943,885	38,338	112,000	635,874,421
Mining of metal ores	14	1,136,215,201	167,768,213	0	195,822,830	143,372,950	14,971	0	629,236,237
Other mining and quarrying	14	25,126,625	7,744,558	749,646	8,287,935	1,570,935	23,367	112,000	6,638,184
Manufacturing	9,828	2,018,080,512	1,914,161,490	16,430,036	16,689,495	12,254,673	814,034	8,984	57,721,800
Manufacture of food products	2,126	1,810,972,851	1,759,793,090	8,356,059	4,333,812	4,195,973	513,044	960	33,779,913
Manufacture of beverages	235	35,881,961	29,413,587	0	2,531,810	1,204,061	47,993	6,600	2,677,910
Manufacture of textiles	76	24,036,761	10,225,118	29,467	6,635,906	169,368	28,332	0	6,948,570
Manufacture of wearing apparel	4,874	38,306,057	26,855,534	5,843,664	154,139	1,620,591	72,407	0	3,759,722
Manufacture of leather and related products	90	1,106,359	867,618	27,052	766	15,008	1,920	0	193,995
Manufacture of wood and of products of wood and cork, except furniture;	271	22,575,279	14,624,348	210,178	1,059,060	2,496,093	4,076	0	4,181,524
Manufacture of paper and paper products	4	1,779,691	1,491,910	0	178,719	48,973	19,703	0	40,386
Printing and reproduction of recorded media	119	1,617,835	1,089,797	44,454	80,649	81,786	4,533	1,424	315,192
Manufacture of chemicals and chemical products	11	412,872	269,249	7,840	36,882	3,453	1,738	0	93,710
Manufacture of pharmaceuticals, medicinal chemical and botanical products	23	9,091,771	5,313,188	0	527,328	1,312,389	44,034	0	1,894,832
Manufacture of rubber and plastics products	2	18,780	16,860	0	0	960	0	0	960
Manufacture of other non-metallic mineral products	217	20,643,788	17,896,541	977,290	730,743	193,747	14,969	0	830,498
Manufacture of basic metals	50	17,785,693	17,638,914	0	408	27,434	17,496	0	101,441
Manufacture of fabricated metal products, except machinery and equipment	476	12,168,264	10,860,163	102,925	312,434	282,768	10,652	0	599,322
Manufacture of computer, electronic and optical products	13	68,269	56,094	125	644	900	0	0	10,506

Table A.9: Purchases and other operating cost in the industry sector in Eastern region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Manufacturing (Cont'd)									
Manufacture of electrical equipment	10	557,863	444,846	49,138	0	0	0	0	63,879
Manufacture of machinery and equipment n.e.c.	48	1,018,594	772,949	20,324	15,115	81,780	10,576	0	117,850
Manufacture of motor vehicles, trailers and semi-trailers	16	358,918	321,263	16,055	60	1,020	374	0	20,146
Manufacture of other transport equipment	4	10,982	7,828	0	0	0	0	0	3,154
Manufacture of furniture	795	14,156,077	11,655,128	462,765	49,664	377,422	15,716	0	1,595,382
Other manufacturing	288	4,792,255	4,001,982	210,255	35,630	122,695	6,470	0	415,223
Repair and installation of machinery and equipment	80	719,596	545,485	72,445	5,727	18,253	0	0	77,686
Electricity, gas, steam and air conditioning supply	1	26,426,961	25,716,270	0	652,414	7,406	2,170	0	48,701
Electricity, gas, steam and air conditioning supply	1	26,426,961	25,716,270	0	652,414	7,406	2,170	0	48,701
Water supply; sewerage, waste management	29	1,102,108	214,671	0	421,351	234,914	1,746	0	229,426
Water collection, treatment and supply	21	430,418	44,549	0	4,213	231,770	1,554	0	148,332
Waste collection, treatment and disposal activities; materials recovery	8	671,690	170,122	0	417,138	3,144	192	0	81,094
Construction	138	30,409,565	12,024,137	214,433	2,227,174	84,096	34,293	0	15,825,432
Construction of buildings	17	7,352,531	5,214,581	700	199,529	17,030	10,387	0	1,910,304
Civil engineering	17	21,170,149	5,844,303	6,613	2,004,516	45,905	23,473	0	13,245,339
Specialized construction activities	105	1,886,885	965,253	207,120	23,130	21,160	432	0	669,790

Table A.10: Purchases and other operating cost in the industry sector in Ashanti region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases (GH¢)	Other Operating Costs GH¢
ALL SECTORS -Ashanti Region	98,842	11,734,593,522	9,009,484,344	1,419,705,592	251,431,189	212,671,102	15,128,475	2,871,782	823,301,038
Industry	20,948	2,130,809,320	1,320,088,282	322,706,086	57,801,550	140,806,869	3,048,409	346,735	286,011,389
Mining and quarrying	25	346,358,052	41,526,269	50,000	20,939,781	107,656,604	130,040	220,676	175,834,682
Mining of metal ores	12	309,265,478	34,880,238	50,000	13,031,964	95,324,956	15,750	100	165,962,470
Other mining and quarrying	13	37,092,574	6,646,031	0	7,907,817	12,331,648	114,290	220,576	9,872,212
Manufacturing	20,447	1,210,753,575	1,032,433,600	25,059,632	31,561,686	32,260,781	2,576,117	126,059	86,735,700
Manufacture of food products	2,170	366,325,684	338,391,275	1,424,556	6,812,718	5,684,031	425,198	0	13,587,906
Manufacture of beverages	195	54,721,586	44,644,505	38,400	2,959,900	1,455,362	43,948	0	5,579,471
Manufacture of textiles	827	57,621,482	56,058,575	924,003	63,239	136,231	21,235	0	418,199
Manufacture of wearing apparel	8,697	62,653,853	34,731,395	15,148,302	1,551,812	3,708,751	656,783	0	6,856,810
Manufacture of leather and related products	2,075	109,115,742	103,061,993	823,931	177,680	1,061,143	76,281	0	3,914,714
Manufacture of wood and of products of wood and cork, except furniture;	575	123,622,220	81,180,818	866,043	9,314,305	8,232,654	363,801	35,381	23,629,218
Manufacture of paper and paper products	90	3,297,579	1,936,551	80,750	284,451	234,548	178,886	0	582,393
Printing and reproduction of recorded media	561	17,095,331	13,024,586	119,365	439,866	1,066,577	45,769	0	2,399,168
Manufacture of coke and refined petroleum products	1	2,516,933	2,286,633	0	0	33,044	0	0	197,256
Manufacture of chemicals and chemical products	39	19,440,399	17,764,917	1,000	140,108	430,320	4,479	76,353	1,023,222
Manufacture of pharmaceuticals, medicinal chemical and botanical products	31	60,627,275	40,491,049	129,741	4,931,265	3,560,209	198,681	0	11,316,330
Manufacture of rubber and plastics products	25	1,088,601	921,774	28,716	12,720	56,888	4,043	0	64,460
Manufacture of other non-metallic mineral products	242	17,431,926	16,035,755	234,500	229,137	227,705	13,968	0	690,861
Manufacture of basic metals	36	35,125,078	30,225,166	0	425,855	1,661,926	7,300	0	2,804,831

Table A.10: Purchases and other operating cost in the industry sector in Ashanti region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Manufacture of fabricated metal products, except machinery and equipment	2,360	170,822,562	156,130,593	2,640,175	3,404,422	3,338,488	224,894	2,300	5,081,690
Manufacture of computer, electronic and optical products	36	867,714	811,221	5,100	1,710	22,706	0	0	26,977
Manufacture of electrical equipment	6	332,178	105,383	102,000	113,120	1,790	720	0	9,165
Manufacture of machinery and equipment n.e.c.	80	5,903,111	5,615,178	0	17,396	83,649	20,287	0	166,601
Manufacture of motor vehicles, trailers and semi-trailers	142	13,751,189	12,861,661	34,943	1,650	74,568	8,412	0	769,955
Manufacture of other transport equipment	1	78,910	68,100	9,000	240	600	120	0	850
Manufacture of furniture	1,281	60,647,095	52,432,501	760,938	247,530	937,572	255,019	0	6,013,535
Other manufacturing	242	11,936,625	11,241,011	267,509	53,524	55,689	10,573	0	308,319
Repair and installation of machinery and equipment	735	15,730,505	12,412,962	1,420,658	379,039	196,332	15,720	12,024	1,293,770
Electricity, gas, steam and air conditioning supply	2	387,097,103	87,823,960	297,137,500	10,450	960	0	0	2,124,233
Electricity, gas, steam and air conditioning supply	2	387,097,103	87,823,960	297,137,500	10,450	960	0	0	2,124,233
Water supply; sewerage, waste management	81	22,375,038	18,699,658	51,111	605,120	427,089	18,723	0	2,573,337
Water collection, treatment and supply	66	15,242,198	12,729,447	51,111	419,260	129,630	10,800	0	1,901,950
Waste collection, treatment and disposal activities; materials recovery	15	7,132,839	5,970,211	0	185,860	297,459	7,923	0	671,386
Construction	393	164,225,552	139,604,795	407,843	4,684,513	461,435	323,529	0	18,743,437
Construction of buildings	84	88,626,389	80,532,464	210,150	1,591,100	195,871	266,556	0	5,830,248
Civil engineering	56	63,647,164	49,425,923	40,000	2,738,133	124,534	40,091	0	11,278,483
Specialized construction activities	253	11,951,999	9,646,408	157,693	355,280	141,030	16,882	0	1,634,706

Table A.11: Purchases and other operating cost in the industry sector in Brong Ahafo region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Brong Ahafo Region	44,406	5,390,242,201	4,836,702,056	78,329,297	169,862,886	40,666,666	8,116,112	4,653,651	251,911,533
Industry	7,506	710,848,343	528,478,811	46,094,587	76,045,249	17,894,759	1,050,308	107,438	41,177,191
Mining and quarrying	5	26,668,598	7,887,863	0	16,697,065	631,800	55,214	0	1,396,656
Mining of metal ores	2	8,884,909	6,173,623	0	2,402,282	8,800	40,814	0	259,390
Other mining and quarrying	3	17,783,689	1,714,240	0	14,294,783	623,000	14,400	0	1,137,266
Manufacturing	7,328	659,807,945	507,264,884	45,986,107	52,518,003	16,561,075	939,117	107,438	36,431,321
Manufacture of food products	1,283	149,054,766	134,092,134	349,671	2,863,125	3,764,020	127,674	106,656	7,751,486
Manufacture of beverages	126	11,298,346	7,844,817	1,632,500	351,145	510,685	92,066	0	867,133
Manufacture of textiles	15	524,017	500,102	0	30	320	788	0	22,777
Manufacture of wearing apparel	3,561	41,294,382	27,953,892	4,988,591	105,973	1,953,715	275,963	0	6,016,248
Manufacture of leather and related products	190	3,100,033	2,613,290	9,185	39,414	36,928	9,169	0	392,047
Manufacture of wood and of products of wood and cork, except furniture;	330	359,068,972	252,559,124	36,329,755	46,706,961	8,683,620	137,205	0	14,652,307
Manufacture of paper and paper products	4	2,480,200	2,046,680	0	146,800	118,965	312	0	167,443
Printing and reproduction of recorded media	108	1,371,152	762,644	35,176	44,313	134,279	9,611	0	385,129
Manufacture of chemicals and chemical products	16	3,682,543	3,533,027	2,000	93,936	6,565	3,152	0	43,863
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1	302,800	227,000	0	4,800	18,000	0	0	53,000
Manufacture of rubber and plastics products	3	89,411	65,607	0	14,800	5,244	72	0	3,688
Manufacture of other non-metallic mineral products	72	9,418,101	7,862,350	406,667	551,452	180,930	12,191	0	404,511
Manufacture of fabricated metal products, except machinery and equipment	680	36,172,290	30,739,367	1,060,169	1,260,728	691,635	170,732	0	2,249,659
Manufacture of computer, electronic and optical products	5	303,233	180,740	101,800	4,340	4,848	658	0	10,847
Manufacture of electrical equipment	2	22,484	20,343	0	0	440	381	0	1,320

Table A.11: Purchases and other operating cost in the industry sector in Brong Ahafo region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Manufacturing (Cont'd)									
Manufacture of machinery and equipment n.e.c.	27	4,112,823	3,784,613	90,000	42,567	79,078	8,812	0	107,753
Manufacture of motor vehicles, trailers and semi-trailers	29	379,438	239,707	59,755	13,315	17,412	3,245	0	46,004
Manufacture of other transport equipment	1	48,145	42,105	0	0	0	0	0	6,040
Manufacture of furniture	721	28,049,615	23,814,742	880,276	198,955	319,500	59,638	0	2,776,504
Other manufacturing	72	2,416,221	2,068,218	40,562	15,546	8,431	20,037	0	263,427
Repair and installation of machinery and equipment	82	6,618,972	6,314,385	0	59,803	26,459	7,410	782	210,133
Electricity, gas, steam and air conditioning supply	1	142,800	0	0	124,800	600	480	0	16,920
Electricity, gas, steam and air conditioning supply	1	142,800	0	0	124,800	600	480	0	16,920
Water supply; sewerage, waste management	40	1,967,406	420,872	0	383,118	637,239	7,076	0	519,101
Water collection, treatment and supply	35	1,650,696	296,060	0	266,868	630,423	4,426	0	452,919
Waste collection, treatment and disposal activities; materials recovery	5	316,710	124,812	0	116,250	6,816	2,650	0	66,182
Construction	133	22,261,594	12,905,192	108,480	6,322,263	64,045	48,421	0	2,813,193
Construction of buildings	50	9,400,237	5,047,045	0	2,627,388	36,895	36,300	0	1,652,609
Civil engineering	3	10,007,368	5,607,332	0	3,619,209	1,109	168	0	779,550
Specialized construction activities	80	2,853,989	2,250,815	108,480	75,666	26,041	11,953	0	381,034

Table A.12: Purchases and other operating cost in the industry sector in Northern region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS - Northern Region	35,917	4,932,863,739	4,119,185,870	245,361,659	40,109,590	27,210,074	5,402,501	2,329,627	493,264,418
Industry	8,554	663,501,965	415,600,506	13,899,311	19,873,643	14,716,068	957,653	0	198,454,784
Mining and quarrying	1	10,530	480	0	0	1,200	0	0	8,850
Mining support service activities	1	10,530	480	0	0	1,200	0	0	8,850
Manufacturing	8,344	171,106,600	121,606,135	6,381,476	5,566,344	6,608,549	610,230	0	30,333,866
Manufacture of food products	2,617	50,536,879	34,176,108	1,257,473	1,970,699	2,400,466	161,323	0	10,570,810
Manufacture of beverages	157	4,663,230	3,567,532	220,734	288,496	118,127	6,084	0	462,257
Manufacture of textiles	84	3,789,360	3,514,585	2,816	16,072	5,553	6,522	0	243,812
Manufacture of wearing apparel	4,221	21,721,988	10,649,637	1,451,446	415,829	677,234	297,330	0	8,230,512
Manufacture of leather and related products	20	667,130	533,905	67,580	548	4,260	2,320	0	58,517
Manufacture of wood and of products of wood and cork, except furniture;	71	3,172,021	1,655,018	855,420	7,197	46,483	14,393	0	593,510
Manufacture of paper and paper products	2	38,599	35,167	0	0	1,860	144	0	1,428
Printing and reproduction of recorded media	20	737,294	558,948	30,880	32,993	30,217	2,996	0	81,260
Manufacture of chemicals and chemical products	52	1,490,951	616,880	785,541	4,235	8,222	2,175	0	73,898
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1	8,702	2,820	0	1,600	60	10	0	4,212
Manufacture of rubber and plastics products	3	2,724,469	2,697,770	2,000	2,280	6,300	496	0	15,623
Manufacture of other non-metallic mineral products	91	52,237,233	41,768,397	94,930	2,137,749	2,869,420	4,864	0	5,361,873
Manufacture of basic metals	2	1,475,130	1,361,290	90,000	500	2,880	720	0	19,740
Manufacture of fabricated metal products, except machinery and equipment	477	17,049,988	12,566,703	1,188,309	458,567	369,831	52,353	0	2,414,225
Manufacture of computer, electronic and optical products	1	8,773	5,533	0	0	240	0	0	3,000
Manufacture of machinery and equipment n.e.c.	10	477,113	351,927	63,875	7,750	8,595	1,397	0	43,569

Table A.12: Purchases and other operating cost in the industry sector in Northern region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Manufacturing (Cont'd)									
Manufacture of motor vehicles, trailers and semi-trailers	4	91,540	55,354	0	2,340	840	1,500	0	31,506
Manufacture of other transport equipment	13	222,845	218,299	0	0	0	0	0	4,546
Manufacture of furniture	455	9,014,750	6,491,244	270,472	197,484	52,677	53,895	0	1,948,978
Other manufacturing	2	721,988	708,912	0	3,600	240	740	0	8,496
Repair and installation of machinery and equipment	41	256,619	70,106	0	18,406	5,045	969	0	162,093
Electricity, gas, steam and air conditioning supply	10	267,791,190	144,044,812	0	1,309,599	1,822,030	16,324	0	120,598,425
Electricity, gas, steam and air conditioning supply	10	267,791,190	144,044,812	0	1,309,599	1,822,030	16,324	0	120,598,425
Water supply; sewerage, waste management	55	12,529,031	3,587,473	0	1,160,068	5,377,375	29,837	0	2,374,278
Water collection, treatment and supply	25	10,771,829	3,527,554	0	575,908	5,342,115	2,333	0	1,323,919
Sewerage	1	467	323	0	0	0	144	0	0
Waste collection, treatment and disposal activities; materials recovery	30	1,756,735	59,596	0	584,160	35,260	27,360	0	1,050,359
Construction	144	212,064,614	146,361,606	7,517,835	11,837,632	906,914	301,262	0	45,139,365
Construction of buildings	34	4,732,917	3,656,606	17,430	295,122	9,527	45,480	0	708,752
Civil engineering	47	198,095,425	141,394,685	36,912	11,454,920	880,476	252,079	0	44,076,353
Specialized construction activities	63	9,236,269	1,310,314	7,463,493	87,589	16,911	3,702	0	354,260

Table A.13: Purchases and other operating cost in the industry sector in Upper East region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Upper East Region	14,283	1,336,841,031	909,991,776	327,684,427	18,980,341	17,277,178	2,238,970	2,657,564	58,010,775
Industry	3,802	105,515,495	70,852,332	4,091,446	3,821,727	10,370,109	376,433	0	16,003,448
Mining and quarrying	15	10,744,762	1,967,964	97,839	593,937	719,659	48,017	0	7,317,346
Mining of metal ores	9	8,173,434	528,318	0	118,818	679,859	44,537	0	6,801,902
Other mining and quarrying	6	2,571,328	1,439,646	97,839	475,119	39,800	3,480	0	515,444
Manufacturing	3,639	60,098,348	48,104,717	3,609,801	1,625,586	2,817,996	292,687	0	3,647,561
Manufacture of food products	751	19,874,996	14,254,942	1,352,529	671,476	2,094,710	75,557	0	1,425,782
Manufacture of beverages	374	6,971,037	6,028,933	71,591	491,821	120,511	12,766	0	245,415
Manufacture of textiles	247	3,779,842	3,506,525	126,117	24,334	19,291	12,490	0	91,085
Manufacture of wearing apparel	1,730	6,766,156	4,461,629	708,398	99,068	337,351	103,373	0	1,056,337
Manufacture of leather and related products	12	245,506	217,505	18,230	640	1,794	234	0	7,103
Manufacture of wood and of products of wood and cork, except furniture;	69	2,945,019	1,916,464	750,498	22,277	9,592	6,505	0	239,683
Printing and reproduction of recorded media	6	132,328	74,684	50,400	2,449	600	230	0	3,965
Manufacture of chemicals and chemical products	34	2,347,169	2,248,695	1,600	34,649	0	2,981	0	59,244
Manufacture of rubber and plastics products	1	2,577	378	0	936	360	65	0	838
Manufacture of other non-metallic mineral products	24	517,526	496,506	6,000	600	3,194	520	0	10,706
Manufacture of basic metals	1	8,043	0	0	0	6,000	36	0	2,007
Manufacture of fabricated metal products, except machinery and equipment	205	7,908,928	6,659,104	477,150	188,982	177,418	58,108	0	348,166
Manufacture of machinery and equipment n.e.c.	37	3,048,976	2,932,614	1,300	36,268	29,178	9,506	0	40,110
Manufacture of other transport equipment	1	6,775	4,775	1,000	130	420	50	0	400
Manufacture of furniture	129	5,452,364	5,285,991	7,588	31,235	12,286	9,793	0	105,471
Repair and installation of machinery and equipment	17	91,106	15,971	37,400	20,721	5,292	472	0	11,250
Electricity, gas, steam and air conditioning supply	6	7,831,795	372,100	0	2,700	6,689,679	384	0	766,932
Electricity, gas, steam and air conditioning supply	6	7,831,795	372,100	0	2,700	6,689,679	384	0	766,932
Water supply; sewerage, waste management	11	860,456	201,304	0	252,380	105,412	6,595	0	294,765
Water collection, treatment and supply	6	392,959	15,940	0	42,784	95,212	415	0	238,608
Sewerage	1	6,316	6,196	0	0	0	120	0	0
Waste collection, treatment and disposal activities; materials recovery	4	461,181	179,168	0	209,596	10,200	6,060	0	56,157
Construction	131	25,980,134	20,206,247	383,806	1,347,124	37,363	28,750	0	3,976,844
Construction of buildings	88	22,872,361	17,710,589	28,933	1,254,363	25,601	25,802	0	3,827,073
Civil engineering	4	687,856	600,048	8,931	31,600	3,000	2,048	0	42,229
Specialized construction activities	39	2,419,917	1,895,610	345,942	61,162	8,762	899	0	107,542

Table A.14: Purchases and other operating cost in the industry sector in Upper West region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS - Upper West Region	12,529	1,992,776,515	815,903,105	9,843,715	12,685,193	8,495,069	1,906,793	493,364	1,143,449,276
Industry	2,904	86,617,954	70,438,493	2,030,013	2,899,660	2,786,686	1,061,972	5,616	7,395,514
Mining and quarrying	5	998,825	38,600	0	168,470	125,446	8,285	5,616	652,408
Mining of metal ores	1	544,575	8,750	0	57,970	125,227	6,120	0	346,508
Other mining and quarrying	4	454,250	29,850	0	110,500	219	2,165	5,616	305,900
Manufacturing	2,717	40,379,200	32,818,826	1,595,344	738,077	2,335,589	140,389	0	2,750,975
Manufacture of food products	956	17,159,049	13,700,296	185,652	360,954	1,850,685	31,593	0	1,029,869
Manufacture of beverages	79	2,296,899	1,948,714	0	117,323	35,750	3,790	0	191,322
Manufacture of textiles	92	1,444,566	1,288,168	59,717	6,955	37,110	4,624	0	47,992
Manufacture of wearing apparel	1,098	6,724,365	5,269,262	676,644	72,699	167,440	32,943	0	505,377
Manufacture of leather and related products	6	44,514	42,841	0	0	324	36	0	1,313
Manufacture of wood and of products of wood and cork, except furniture;	47	3,261,078	2,549,232	351,895	41,144	31,524	3,593	0	283,690
Printing and reproduction of recorded media	13	60,379	39,932	0	2,046	6,106	430	0	11,865
Manufacture of chemicals and chemical products	7	155,975	124,932	25,740	2,406	760	480	0	1,657
Manufacture of rubber and plastics products	1	17,170	15,000	0	0	840	0	0	1,330
Manufacture of other non-metallic mineral products	28	1,326,569	1,258,807	3,700	1,000	1,400	7,910	0	53,752
Manufacture of basic metals	4	51,045	30,547	360	2,600	1,920	1,175	0	14,443
Manufacture of fabricated metal products, except machinery and equipment	213	3,939,955	3,251,208	132,611	68,235	141,852	24,086	0	321,963
Manufacture of computer, electronic and optical products	3	30,188	10,497	5,000	410	2,880	1,278	0	10,123
Manufacture of electrical equipment	13	74,442	47,565	7,667	31	5,153	580	0	13,446
Manufacture of motor vehicles, trailers and semi-trailers	2	9,265	5,495	0	480	360	252	0	2,678
Manufacture of other transport equipment	7	259,237	228,647	0	0	16,235	0	0	14,355
Manufacture of furniture	123	3,329,702	2,843,240	145,146	56,051	30,517	26,195	0	228,553
Other manufacturing	10	127,482	122,111	0	0	1,202	0	0	4,169
Repair and installation of machinery and equipment	15	67,322	42,333	1,212	5,743	3,531	1,425	0	13,078

Table A.14: Purchases and other operating cost in the industry sector in Upper West region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Electricity, gas, steam and air conditioning supply	1	1,480	0	0	0	480	0	0	1,000
Electricity, gas, steam and air conditioning supply	1	1,480	0	0	0	480	0	0	1,000
Water supply; sewerage, waste management	10	450,390	68,039	0	21,336	229,885	304	0	130,826
Water collection, treatment and supply	10	450,390	68,039	0	21,336	229,885	304	0	130,826
Construction	171	44,788,059	37,513,028	434,669	1,971,777	95,286	912,994	0	3,860,305
Construction of buildings	100	14,270,244	12,331,726	378,675	288,393	39,628	721,956	0	509,866
Civil engineering	31	28,406,662	23,727,276	0	1,196,674	26,801	186,478	0	3,269,433
Specialized construction activities	40	2,111,154	1,454,026	55,994	486,710	28,858	4,560	0	81,006

Table A.15: Purchases and other operating cost in the service sector

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS - National	535,337	167,504,307,996	97,659,974,533	13,417,327,297	10,363,410,055	2,964,376,965	240,170,587	383,779,170	42,475,269,389
Service	425,974	127,097,240,179	71,684,695,872	11,172,805,146	6,099,153,529	2,091,050,196	157,304,125	175,505,288	35,716,726,023
Wholesale and retail trade and repair of motor vehicles and motorcycles	236,523	81,214,751,855	63,313,997,664	9,291,902,951	4,721,424,277	209,957,563	45,166,466	56,719,082	3,575,583,852
Wholesale and retail trade and repair of motor vehicles and motorcycles	25,733	5,061,348,236	4,367,924,657	344,257,095	43,221,479	21,842,304	5,621,002	2,029,838	276,451,861
Wholesale trade, except of motor vehicles and motorcycles	13,447	22,376,287,713	19,817,476,724	1,432,863,805	231,855,756	48,686,950	14,172,608	4,590,328	826,641,542
Retail trade, except of motor vehicles and motorcycles	197,343	53,777,115,905	39,128,596,283	7,514,782,051	4,446,347,042	139,428,309	25,372,856	50,098,915	2,472,490,449
Transportation and storage	2,303	2,257,325,720	573,716,536	116,529,138	568,943,074	18,737,270	4,364,808	96,862	974,938,032
Land transport and transport via pipelines	800	694,279,843	193,234,765	26,512	184,623,552	2,011,072	418,310	22,877	313,942,755
Water transport	67	33,347,307	3,514,405	685,024	2,298,714	1,006,609	88,275	0	25,754,280
Air transport	69	175,789,276	86,501,796	0	59,594,981	1,181,155	104,563	71,325	28,335,456
Warehousing and support activities for transportation	1,237	1,342,458,115	290,012,772	115,800,233	317,784,341	13,862,284	3,573,136	2,659	601,422,690
Postal and courier activities	130	11,451,180	452,798	17,369	4,641,487	676,151	180,524	0	5,482,851
Accommodation and food service activities	44,654	3,200,881,001	2,277,014,301	265,621,264	163,452,949	104,998,845	32,124,894	5,702,530	351,966,218
Accommodation	3,969	535,600,241	216,411,492	29,083,097	44,959,486	55,260,953	14,126,522	1,950,783	173,807,908
Food and beverage service activities	40,686	2,665,280,761	2,060,602,809	236,538,167	118,493,463	49,737,892	17,998,372	3,751,747	178,158,311

Table A.15: Purchases and other operating cost in the service sectors (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Information and communication	3,145	3,637,668,134	362,061,715	1,159,338,287	172,207,225	125,072,542	11,361,011	5,067,128	1,802,560,226
Publishing activities	158	59,720,292	31,569,829	2,145,814	2,486,105	1,365,965	144,857	1,069,900	20,937,822
Motion picture, video and television programme production, sound recording	378	34,105,578	21,756,892	1,579,672	560,932	1,130,420	76,474	0	9,001,188
Programming and broadcasting activities	365	208,940,127	5,095,125	22,021,834	10,849,817	8,525,043	411,450	17,056	162,019,802
Telecommunications	1,266	3,125,210,247	247,032,294	1,128,911,594	153,255,989	111,870,537	10,458,776	3,979,966	1,469,701,091
Computer programming, consultancy and related activities	456	81,483,753	10,454,140	799,606	3,400,317	1,542,388	204,187	0	65,083,115
Information service activities	523	128,208,141	46,153,435	3,879,768	1,654,067	638,189	65,268	206	75,817,208
Financial and insurance activities	6,075	31,134,354,110	1,966,677,108	20,994,938	219,350,029	1,483,522,799	23,427,106	93,419,318	27,326,962,812
Financial service activities, except insurance and pension funding	5,094	29,642,006,650	1,658,962,598	13,983,618	205,244,738	1,471,206,040	21,518,207	93,418,311	26,177,673,138
Insurance, reinsurance and pension funding, except compulsory social security	443	932,546,617	12,555,782	10,103	10,715,107	6,446,562	936,508	2	901,882,553
Activities auxiliary to financial service and insurance activities	538	559,800,842	295,158,728	7,001,216	3,390,184	5,870,197	972,391	1,005	247,407,121
Real estate activities	413	696,014,199	385,762,938	391,875	9,030,641	3,661,908	550,406	204,779	296,411,652
Real estate activities	413	696,014,199	385,762,938	391,875	9,030,641	3,661,908	550,406	204,779	296,411,652
Professional, scientific and technical activities	4,598	775,779,414	342,032,050	14,266,872	21,918,962	15,543,247	4,000,194	4,499,345	373,518,744
Legal and accounting activities	505	61,750,562	24,637,116	469,044	2,240,797	1,996,295	191,432	0	32,215,878
Activities of head offices; management consultancy activities	363	86,052,894	2,045,533	189,800	3,123,429	3,969,665	2,328,879	50	74,395,538
Architectural and engineering activities; technical testing and analysis	747	405,152,292	206,471,078	10,385,366	9,019,861	4,959,699	705,858	1,662,807	171,947,623
Scientific research and development	36	24,036,048	1,740,859	0	741,123	476,364	173,901	0	20,903,801
Advertising and market research	194	54,273,393	6,734,486	282,133	2,213,366	1,177,464	151,914	2,789,789	40,924,241
Other professional, scientific and technical activities	2,724	141,680,128	98,728,389	2,306,169	4,509,155	2,894,653	427,359	46,698	32,767,705
Veterinary activities	28	2,834,095	1,674,588	634,360	71,231	69,106	20,852	0	363,958

Table A.15: Purchases and other operating cost in the service sectors (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Administrative and support service activities	5,151	351,738,573	141,571,136	17,845,776	29,910,977	7,448,892	1,044,681	222,614	153,694,497
Rental and leasing activities	1,167	96,142,997	32,694,249	426,013	17,036,473	1,420,109	283,604	278	44,282,271
Employment activities	209	20,339,079	1,279,670	0	1,056,426	572,117	113,076	0	17,317,790
Travel agency, tour operator, reservation service and related activities	301	106,423,718	54,994,263	12,460,091	1,802,432	907,373	174,133	73,882	36,011,544
Security and investigation activities	197	53,101,739	22,972,542	37,220	6,112,683	947,846	178,847	55,018	22,797,583
Services to buildings and landscape activities	184	11,247,131	4,378,514	2,502,110	736,023	202,462	40,214	72,374	3,315,434
Office administrative, office support and other business support activities	3,093	64,483,908	25,251,898	2,420,341	3,166,940	3,398,985	254,807	21,062	29,969,875
Education	16,567	738,593,809	222,052,514	77,717,344	69,998,671	27,978,535	12,911,521	4,392,873	323,542,351
Education	16,567	738,593,809	222,052,514	77,717,344	69,998,671	27,978,535	12,911,521	4,392,873	323,542,351
Human health and social work activities	3,274	987,443,579	626,048,698	84,796,476	25,351,797	38,849,845	4,993,473	4,229,792	203,173,498
Human health activities	2,778	922,146,618	618,571,490	84,777,736	20,057,089	36,590,015	4,523,612	3,859,111	153,767,565
Residential care activities	127	4,110,016	1,547,447	6,300	767,289	286,379	111,758	0	1,390,843
Social work activities without accommodation	369	61,186,946	5,929,760	12,440	4,527,419	1,973,451	358,103	370,682	48,015,091
Arts, entertainment and recreation	4,657	99,628,385	58,376,938	2,018,318	3,423,545	4,082,681	503,941	47,807	31,175,155
Creative, arts and entertainment activities	351	6,703,829	3,534,602	239,201	198,565	325,133	41,556	3,471	2,361,301
Libraries, archives, museums and other cultural activities	71	9,457,171	3,974,388	1,800	157,663	127,095	55,313	0	5,140,912
Gambling and betting activities	3,575	54,658,124	31,073,639	822,545	2,010,015	2,351,101	311,832	25,217	18,063,775
Sports activities and amusement and recreation activities	661	28,809,262	19,794,308	954,772	1,057,303	1,279,352	95,241	19,119	5,609,167
Other service activities	98,614	2,003,061,400	1,415,384,275	121,381,907	94,141,381	51,196,069	16,855,623	903,158	303,198,987
Activities of membership organizations	37,983	1,162,338,167	851,976,454	1,888,671	76,353,675	23,259,114	6,986,716	412,720	201,460,817
Repair of computers and personal and household goods	9,624	421,300,813	304,571,139	64,987,548	4,435,842	4,160,208	919,648	138,739	42,087,689
Other personal service activities	51,007	419,422,419	258,836,682	54,505,689	13,351,863	23,776,747	8,949,258	351,699	59,650,481

Table A.16: Purchases and other operating cost in the service sector by size

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -National Services	535,337	167,504,307,996	97,659,974,533	13,417,327,297	10,363,410,055	2,964,376,965	240,170,587	383,779,170	42,475,269,389
Wholesale and retail trade and repair of motor vehicles and motorcycles	425,974	127,097,240,179	71,684,695,872	11,172,805,146	6,099,153,529	2,091,050,196	157,304,125	175,505,288	35,716,726,023
Large-Sized Businesses	79	8,268,507,512	6,785,558,400	617,935,870	57,312,176	31,081,176	11,504,468	3,039,445	762,075,977
Medium-Sized Businesses	854	20,759,321,515	17,148,222,646	1,862,134,190	141,032,517	34,688,910	7,844,488	44,780,246	1,520,618,518
Small-Sized Businesses	26,130	26,939,594,839	19,858,908,085	5,951,386,678	209,921,370	59,863,719	10,846,339	2,536,485	846,132,163
Micro-Sized Businesses	209,460	25,247,327,990	19,521,308,534	860,446,213	4,313,158,214	84,323,758	14,971,171	6,362,906	446,757,194
Transportation and storage	2,303	2,257,325,720	573,716,536	116,529,138	568,943,074	18,737,270	4,364,808	96,862	974,938,032
Large-Sized Businesses	47	669,585,237	78,071,575	101,361,571	110,139,068	3,993,229	842,470	0	375,177,324
Medium-Sized Businesses	215	584,182,552	303,110,028	398,181	96,302,712	5,435,105	1,146,610	210	177,789,706
Small-Sized Businesses	1,197	834,511,294	172,628,889	14,730,517	237,482,444	8,482,026	2,264,150	71,377	398,851,891
Micro-Sized Businesses	844	169,046,635	19,906,044	38,869	125,018,850	826,909	111,578	25,274	23,119,111
Accommodation and food service activities	44,654	3,200,881,001	2,277,014,301	265,621,264	163,452,949	104,998,845	32,124,894	5,702,530	351,966,218
Large-Sized Businesses	30	211,266,304	107,773,345	2,973,245	8,576,405	9,804,249	2,456,224	0	79,682,836
Medium-Sized Businesses	747	886,344,441	587,430,765	74,361,626	67,158,020	28,466,737	5,313,564	1,608,794	122,004,935
Small-Sized Businesses	7,595	970,135,866	683,499,548	68,153,383	57,652,158	47,109,826	16,038,056	2,047,229	95,635,666
Micro-Sized Businesses	36,283	1,133,134,392	898,310,644	120,133,010	30,066,366	19,618,034	8,317,050	2,046,507	54,642,781
Information and communication	3,145	3,637,668,134	362,061,715	1,159,338,287	172,207,225	125,072,542	11,361,011	5,067,128	1,802,560,226
Large-Sized Businesses	34	2,911,219,719	168,615,150	1,031,285,020	114,647,001	111,401,162	10,446,827	0	1,474,824,559
Medium-Sized Businesses	131	364,499,668	88,657,634	11,683,764	45,150,491	5,928,871	387,946	3,979,966	208,710,996
Small-Sized Businesses	692	315,204,393	92,427,429	112,212,141	10,149,259	5,151,675	351,819	1,070,020	93,842,050
Micro-Sized Businesses	2,289	46,744,354	12,361,502	4,157,363	2,260,474	2,590,834	174,419	17,142	25,182,620
Financial and insurance activities	6,075	31,134,354,110	1,966,677,108	20,994,938	219,350,029	1,483,522,799	23,427,106	93,419,318	27,326,962,812
Large-Sized Businesses	299	11,227,763,839	32,975,459	0	127,250,837	104,778,325	14,126,730	79,274,002	10,869,358,486
Medium-Sized Businesses	627	5,825,440,394	24,672,127	249,139	25,553,083	1,229,599,800	3,673,424	4,621	4,541,688,200
Small-Sized Businesses	3,172	5,323,232,753	745,948,286	7,157,571	62,849,823	41,963,679	4,869,382	14,133,700	4,446,310,312
Micro-Sized Businesses	1,977	8,757,917,122	1,163,081,236	13,588,228	3,696,285	107,180,995	757,569	6,995	7,469,605,814
Real estate activities	413	696,014,199	385,762,938	391,875	9,030,641	3,661,908	550,406	204,779	296,411,652
Large-Sized Businesses	10	235,573,348	22,444,783	0	2,476,106	1,144,233	43,783	0	209,464,443
Medium-Sized Businesses	65	134,863,165	95,376,863	0	4,038,330	1,608,962	295,708	0	33,543,302
Small-Sized Businesses	181	279,711,107	265,045,821	246,875	1,713,267	433,113	146,755	204,779	11,920,497
Micro-Sized Businesses	158	45,866,579	2,895,471	145,000	802,938	475,601	64,160	0	41,483,409

Table A.16: Purchases and other operating cost in the service sector by size (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Professional, scientific and technical activities	4,598	775,779,414	342,032,050	14,266,872	21,918,962	15,543,247	4,000,194	4,499,345	373,518,744
Large-Sized Businesses	14	58,899,335	3,585,567	467,147	1,221,218	1,034,642	183,735	93,172	52,313,854
Medium-Sized Businesses	105	212,918,226	98,895,159	31,414	4,664,324	2,759,466	743,880	20,988	105,802,995
Small-Sized Businesses	2,271	436,528,009	196,265,134	13,106,195	13,049,644	9,868,789	2,866,801	4,355,286	197,016,160
Micro-Sized Businesses	2,208	67,433,843	43,286,190	662,116	2,983,776	1,880,350	205,778	29,898	18,385,735
Administrative and support service activities	5,151	351,738,573	141,571,136	17,845,776	29,910,977	7,448,892	1,044,681	222,614	153,694,497
Large-Sized Businesses	85	43,847,944	10,439,332	2,522,330	9,043,965	827,931	144,820	128,337	20,741,229
Medium-Sized Businesses	137	70,338,808	15,615,439	1,102	11,489,703	1,198,803	139,641	1,455	41,892,665
Small-Sized Businesses	820	160,317,637	77,622,869	1,007,530	5,473,046	2,455,904	402,929	74,160	73,281,199
Micro-Sized Businesses	4,109	77,234,184	37,893,497	14,314,814	3,904,263	2,966,255	357,290	18,662	17,779,403
Education	16,567	738,593,809	222,052,514	77,717,344	69,998,671	27,978,535	12,911,521	4,392,873	323,542,351
Large-Sized Businesses	95	81,541,290	24,364,577	1,401,307	3,027,962	3,407,662	765,981	30,021	48,543,780
Medium-Sized Businesses	2,383	259,281,220	80,697,098	8,516,545	24,944,492	10,801,236	4,802,236	2,410,311	127,109,302
Small-Sized Businesses	12,017	319,246,532	109,482,810	13,546,015	39,531,431	12,571,850	6,744,696	1,952,505	135,417,225
Micro-Sized Businesses	2,072	78,524,765	7,508,028	54,253,477	2,494,786	1,197,787	598,608	35	12,472,044
Human health and social work activities	3,274	987,443,579	626,048,698	84,796,476	25,351,797	38,849,845	4,993,473	4,229,792	203,173,498
Large-Sized Businesses	104	223,475,351	88,754,292	34,431,210	5,320,968	25,877,491	2,161,349	3,176,415	63,753,626
Medium-Sized Businesses	479	189,131,258	67,718,389	32,353,102	8,318,055	6,837,035	1,520,189	615,241	71,769,247
Small-Sized Businesses	1,678	539,519,072	454,703,084	14,228,369	9,932,491	4,884,881	1,083,121	432,113	54,255,013
Micro-Sized Businesses	1,012	35,317,896	14,872,933	3,783,795	1,780,282	1,250,438	228,813	6,023	13,395,612
Arts, entertainment and recreation	4,657	99,628,385	58,376,938	2,018,318	3,423,545	4,082,681	503,941	47,807	31,175,155
Large-Sized Businesses	17	20,933,635	8,608,742	0	326,614	681,219	97,953	0	11,219,107
Medium-Sized Businesses	31	5,534,989	2,792,920	132,501	307,352	446,331	61,273	8,217	1,786,395
Small-Sized Businesses	287	51,990,588	33,314,039	1,054,239	2,224,366	1,489,529	218,372	6,702	13,683,341
Micro-Sized Businesses	4,323	21,169,174	13,661,237	831,578	565,214	1,465,602	126,343	32,888	4,486,312
Other service activities	98,614	2,003,061,400	1,415,384,275	121,381,907	94,141,381	51,196,069	16,855,623	903,158	303,198,987
Large-Sized Businesses	54	107,405,469	69,333,705	0	2,327,220	1,717,595	354,870	0	33,672,079
Medium-Sized Businesses	541	60,152,393	13,608,797	6,800,868	4,468,116	1,767,914	844,121	0	32,662,577
Small-Sized Businesses	26,433	797,332,135	519,131,902	64,406,017	67,652,071	19,743,311	6,462,538	557,815	119,378,481
Micro-Sized Businesses	71,586	1,038,171,401	813,309,871	50,175,022	19,693,973	27,967,249	9,194,093	345,343	117,485,850

Table A.17: Purchases and other operating cost in the service sector in Western region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Western Region	58,980	12,020,161,644	7,697,258,520	904,593,457	678,574,365	244,700,952	12,097,715	196,009,953	2,286,926,682
Services	47,850	5,582,050,857	4,286,359,038	709,302,012	222,164,347	45,801,816	8,383,794	3,894,887	306,144,963
Wholesale and retail trade and repair of motor vehicles and motorcycles	26,045	4,539,555,905	3,910,332,594	477,944,120	25,152,423	18,608,457	2,806,585	151,251	104,560,475
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,178	97,785,456	73,885,364	14,803,871	1,111,281	1,596,454	482,054	0	5,906,432
Wholesale trade, except of motor vehicles and motorcycles	3,251	1,164,955,855	950,143,075	182,401,723	10,888,733	4,529,585	109,218	694	16,882,827
Retail trade, except of motor vehicles and motorcycles	20,615	3,276,814,595	2,886,304,155	280,738,526	13,152,409	12,482,419	2,215,313	150,557	81,771,216
Transportation and storage	267	178,092,791	20,416,606	530,060	142,550,612	360,254	138,611	10,000	14,086,648
Land transport and transport via pipelines	134	162,890,891	19,326,615	171	137,305,047	70,088	21,701	10,000	6,157,269
Water transport	4	13,044	2,940	0	1,000	1,800	600	0	6,704
Air transport	1	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	120	15,104,976	1,067,888	524,930	5,218,764	276,915	114,870	0	7,901,609
Postal and courier activities	9	83,879	19,163	4,959	25,800	11,451	1,440	0	21,066
Accommodation and food service activities	6,529	347,323,484	219,658,498	58,009,456	17,570,808	10,745,103	2,238,681	1,810,019	37,290,919
Accommodation	369	58,101,146	17,554,168	5,459,939	6,980,908	6,877,569	775,792	965,359	19,487,411
Food and beverage service activities	6,160	289,222,338	202,104,330	52,549,518	10,589,900	3,867,533	1,462,889	844,660	17,803,508
Information and communication	222	114,536,476	5,998,784	96,466,133	2,577,254	1,710,782	68,187	0	7,715,336
Publishing activities	5	52,350	37,435	0	0	2,880	450	0	11,585
Motion picture, video and television programme production, sound recording	26	181,162	89,110	900	45,082	10,667	961	0	34,442
Programming and broadcasting activities	73	12,780,272	2,412,051	443,684	2,313,302	1,554,372	61,591	0	5,995,272
Telecommunications	75	101,351,034	3,396,364	96,010,441	203,587	118,983	4,216	0	1,617,443
Computer programming, consultancy and related activities	4	41,177	9,219	3,000	2,400	3,480	660	0	22,418
Information service activities	40	130,481	54,605	8,108	12,883	20,400	309	0	34,176
Financial and insurance activities	635	106,586,727	14,767,479	1,963,354	6,118,450	3,236,153	554,401	5,914	79,940,976
Financial service activities, except insurance and pension funding	554	94,912,561	14,361,039	1,963,354	5,841,525	3,025,599	538,882	5,914	69,176,248
Insurance, reinsurance and pension funding, except compulsory social security	37	11,133,214	367,715	0	219,574	54,071	5,905	0	10,485,949
Activities auxiliary to financial service and insurance activities	44	540,952	38,726	0	57,351	156,482	9,614	0	278,779

Table A.17: Purchases and other operating cost in the service sector in Western region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies, GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases (GH¢)	Other Operating Costs GH¢
Real estate activities	9	1,490,401	15,755	0	368,021	11,076	3,298	0	1,092,251
Real estate activities	9	1,490,401	15,755	0	368,021	11,076	3,298	0	1,092,251
Professional, scientific and technical activities	336	8,508,626	3,841,883	161,267	1,054,133	377,083	62,360	30	3,011,870
Legal and accounting activities	26	192,649	18,861	0	30,586	17,233	4,383	0	121,586
Activities of head offices; management consultancy activities	7	479,274	382,679	1,000	16,748	7,629	978	0	70,240
Architectural and engineering activities; technical testing and analysis	83	4,139,716	1,497,577	6,162	548,711	134,838	38,983	30	1,913,415
Scientific research and development	1	162,255	141,255	0	5,900	0	0	0	15,100
Advertising and market research	7	914,171	85,632	0	374,983	95,833	20	0	357,703
Other professional, scientific and technical activities	210	2,601,694	1,709,509	144,905	75,908	120,830	17,971	0	532,571
Veterinary activities	2	18,865	6,370	9,200	1,296	720	24	0	1,255
Administrative and support service activities	486	8,047,074	2,942,291	156,430	1,012,638	411,720	30,422	2,400	3,491,173
Rental and leasing activities	134	2,199,276	823,730	8,000	400,494	36,206	9,164	0	921,682
Employment activities	13	382,209	3,640	0	46,683	8,570	2,747	0	320,569
Travel agency, tour operator, reservation service and related activities	9	121,138	10,213	0	4,373	9,326	2,200	0	95,026
Security and investigation activities	14	1,027,614	208,475	0	133,700	34,530	2,286	0	648,623
Services to buildings and landscape activities	8	197,055	68,609	0	106,029	2,973	5,286	0	14,158
Office administrative, office support and other business support activities	308	4,119,781	1,827,625	148,430	321,359	320,114	8,738	2,400	1,491,115
Education	1,835	104,810,075	20,357,690	56,610,671	9,779,441	1,393,835	715,443	120,544	15,832,451
Education	1,835	104,810,075	20,357,690	56,610,671	9,779,441	1,393,835	715,443	120,544	15,832,451
Human health and social work activities	254	45,546,685	21,486,044	4,510,515	2,469,405	1,301,920	253,437	1,615,399	13,909,965
Human health activities	242	41,622,541	21,449,607	4,510,515	1,999,825	1,197,333	244,070	1,615,399	10,605,792
Social work activities without accommodation	12	3,924,144	36,437	0	469,580	104,588	9,366	0	3,304,173
Arts, entertainment and recreation	320	27,676,586	21,453,066	319,693	864,522	1,125,711	16,671	3,471	3,893,452
Creative, arts and entertainment activities	35	127,609	69,328	0	6,804	19,425	1,551	3,471	27,030
Libraries, archives, museums and other cultural activities	5	11,212	2,450	0	100	2,244	236	0	6,182
Gambling and betting activities	242	7,592,496	6,031,151	0	236,819	636,656	14,524	0	673,346
Sports activities and amusement and recreation activities	38	19,945,270	15,350,137	319,693	620,799	467,387	360	0	3,186,894
Other service activities	10,912	99,876,027	45,088,348	12,630,313	12,646,640	6,519,722	1,495,698	175,859	21,319,447
Activities of membership organizations	5,434	48,186,649	13,074,408	604,827	12,128,485	4,212,967	788,457	161,043	17,216,462
Repair of computers and personal and household goods	1,090	27,727,790	21,674,233	3,672,625	358,528	654,398	54,789	2,520	1,310,697
Other personal service activities	4,389	23,961,587	10,339,707	8,352,861	159,627	1,652,356	652,452	12,296	2,792,288

Table A.18: Purchases and other operating cost in the service sector in Central region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Central Region	46,176	7,614,029,846	2,506,867,306	4,814,316,690	55,765,209	35,067,333	8,212,261	3,022,522	190,778,525
Services	37,627	7,065,707,657	2,103,583,038	4,736,773,935	41,436,149	28,296,594	7,058,580	2,998,911	145,560,450
Wholesale and retail trade and repair of motor vehicles and motorcycles	19,832	6,232,006,333	1,461,182,362	4,700,620,987	18,801,815	10,048,035	1,923,542	404,694	39,024,898
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,749	49,009,372	34,514,560	6,263,992	2,856,939	761,907	240,002	2,625	4,369,347
Wholesale trade, except of motor vehicles and motorcycles	811	489,853,711	422,538,827	51,909,433	11,022,055	229,223	175,163	0	3,979,010
Retail trade, except of motor vehicles and motorcycles	17,273	5,693,143,249	1,004,128,974	4,642,447,562	4,922,821	9,056,905	1,508,377	402,069	30,676,541
Transportation and storage	43	10,835,166	2,661,374	200	3,759,429	50,579	14,124	0	4,349,460
Land transport and transport via pipelines	33	10,614,173	2,642,783	200	3,612,089	46,891	13,750	0	4,298,460
Warehousing and support activities for transportation	8	62,552	5,204	0	17,340	1,948	120	0	37,940
Postal and courier activities	3	158,441	13,387	0	130,000	1,740	254	0	13,060
Accommodation and food service activities	4,936	161,271,841	115,424,954	13,457,520	6,484,685	8,433,012	2,231,473	6,370	15,233,827
Accommodation	457	29,548,154	11,035,929	877,451	3,176,719	4,735,751	1,084,169	6,370	8,631,765
Food and beverage service activities	4,479	131,723,685	104,389,024	12,580,069	3,307,966	3,697,261	1,147,303	0	6,602,062
Information and communication	190	3,513,511	1,155,916	278,534	261,779	378,741	32,738	120	1,405,683
Publishing activities	3	100,224	68,208	0	6,633	4,186	699	0	20,498
Motion picture, video and television programme production, sound recording	13	93,249	12,231	86	42,835	13,735	97	0	24,265
Programming and broadcasting activities	39	1,585,584	82,814	11,680	195,200	239,863	21,137	0	1,034,890
Telecommunications	70	1,628,878	967,923	253,848	9,365	107,631	10,651	0	279,460
Computer programming, consultancy and related activities	1	8,184	4,790	0	0	160	24	0	3,210
Information service activities	65	97,393	19,950	12,920	7,746	13,166	130	120	43,361
Financial and insurance activities	473	124,322,744	56,713,716	6,177,378	4,558,305	3,971,401	761,878	81	52,139,985
Financial service activities, except insurance and pension funding	430	69,378,155	11,646,860	6,177,378	4,422,851	3,878,648	753,624	76	42,498,718
Insurance, reinsurance and pension funding, except compulsory social security	37	9,897,373	51,321	0	135,454	90,798	8,140	0	9,611,660
Activities auxiliary to financial service and insurance activities	6	45,047,217	45,015,535	0	0	1,956	113	5	29,608

Table A.18: Purchases and other operating cost in the service sector in Central region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Real estate activities	17	5,346,371	3,694,976	0	54,704	36,172	12,040	0	1,548,479
Real estate activities	17	5,346,371	3,694,976	0	54,704	36,172	12,040	0	1,548,479
Professional, scientific and technical activities	241	4,219,834	2,745,622	27,288	85,804	155,772	21,819	300	1,183,229
Legal and accounting activities	14	182,517	12,150	0	10,487	19,760	2,558	0	137,562
Activities of head offices; management consultancy activities	2	3,245	522	0	0	260	78	0	2,385
Architectural and engineering activities; technical testing and analysis	74	2,541,332	1,992,193	24,488	35,312	38,951	6,221	0	444,167
Advertising and market research	6	27,597	1,176	0	2,858	9,600	180	0	13,783
Other professional, scientific and technical activities	145	1,465,143	739,582	2,800	37,147	87,201	12,782	300	585,331
Administrative and support service activities	339	3,422,327	1,738,583	112,251	114,574	219,568	9,904	0	1,227,447
Rental and leasing activities	70	702,021	153,316	29,198	16,409	22,895	2,889	0	477,314
Employment activities	2	12,709	187	0	0	420	30	0	12,072
Travel agency, tour operator, reservation service and related activities	4	30,311	4,951	0	7,722	1,200	320	0	16,118
Security and investigation activities	2	293,257	23,948	0	75,580	2,710	0	0	191,019
Services to buildings and landscape activities	1	4,100	0	0	0	0	0	0	4,100
Office administrative, office support and other business support activities	260	2,379,927	1,556,181	83,053	14,862	192,343	6,664	0	526,824
Education	1,581	26,566,886	10,776,363	1,153,216	2,995,053	995,887	745,223	1,094,168	8,806,976
Education	1,581	26,566,886	10,776,363	1,153,216	2,995,053	995,887	745,223	1,094,168	8,806,976
Human health and social work activities	202	25,569,195	11,066,811	6,897,376	654,925	546,947	139,770	1,482,264	4,781,102
Human health activities	139	20,394,921	8,677,188	6,895,776	396,767	428,955	96,759	1,115,810	2,783,666
Residential care activities	19	773,948	389,195	1,300	46,753	14,645	5,835	0	316,220
Social work activities without accommodation	43	4,400,326	2,000,428	300	211,405	103,346	37,176	366,454	1,681,217

Table A.18: Purchases and other operating cost in the service sector in Central region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchase GH¢	Other Operating Costs GH¢
Arts, entertainment and recreation	450	2,330,238	1,111,349	35,705	127,507	154,536	29,696	0	871,445
Creative, arts and entertainment activities	25	319,804	259,966	9,125	6,153	5,921	1,104	0	37,535
Libraries, archives, museums and other cultural activities	1	2,771	721	0	0	1,200	500	0	350
Gambling and betting activities	377	1,246,908	659,041	150	43,982	66,366	15,603	0	461,766
Sports activities and amusement and recreation activities	48	760,755	191,621	26,430	77,372	81,049	12,489	0	371,794
Other service activities	9,323	466,303,211	435,311,012	8,013,480	3,537,569	3,305,944	1,136,373	10,914	14,987,919
Activities of membership organizations	4,418	436,428,461	419,654,303	97,615	3,360,580	1,624,784	553,212	6,087	11,131,880
Repair of computers and personal and household goods	883	8,191,439	5,465,774	1,533,899	45,064	286,613	43,439	0	816,650
Other personal service activities	4,022	21,683,311	10,190,935	6,381,966	131,925	1,394,547	539,722	4,827	3,039,389

Table A.19: Purchases and other operating cost in the service sector in Greater Accra region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Greater Accra Region	135,471	112,118,855,535	59,388,153,940	5,303,442,319	8,779,546,062	2,148,900,703	176,226,653	170,199,776	36,152,386,082
Services	111,254	87,895,510,076	43,737,220,157	3,856,085,811	5,418,202,730	1,849,567,568	107,530,229	156,190,247	32,770,713,334
Wholesale and retail trade and repair of motor vehicles and motorcycles	61,426	48,402,405,937	38,322,823,904	2,452,056,864	4,477,136,198	117,307,020	30,510,754	50,328,793	2,952,242,404
Wholesale and retail trade and repair of motor vehicles and motorcycles	6,394	2,426,690,137	1,900,816,179	284,054,040	22,363,067	10,475,239	3,343,634	1,988,191	203,649,787
Wholesale trade, except of motor vehicles and motorcycles	3,861	16,050,397,735	14,196,657,855	923,279,703	189,130,285	38,233,148	13,193,733	3,120,786	686,782,225
Retail trade, except of motor vehicles and motorcycles	51,171	29,925,318,063	22,225,349,870	1,244,723,121	4,265,642,846	68,598,632	13,973,388	45,219,815	2,061,810,391
Transportation and storage	1,189	1,900,507,342	441,813,459	115,796,990	384,246,149	17,549,830	3,996,201	86,812	937,017,901
Land transport and transport via pipelines	326	448,987,829	138,287,148	4,641	19,020,706	1,634,806	324,304	12,877	289,703,347
Water transport	58	33,204,519	3,508,705	685,024	2,188,854	1,004,809	87,675	0	25,729,452
Air transport	65	175,770,424	86,500,726	0	59,591,271	1,178,811	104,055	71,325	28,324,236
Warehousing and support activities for transportation	724	1,234,561,363	213,343,244	115,107,325	301,424,341	13,234,041	3,417,266	2,609	588,032,537
Postal and courier activities	16	7,983,207	173,636	0	2,020,977	497,364	62,901	0	5,228,329
Accommodation and food service activities	9,959	1,688,874,436	1,175,193,242	103,227,229	101,987,438	56,703,024	19,779,890	2,747,691	229,235,922
Accommodation	1,267	333,404,490	144,381,622	11,003,615	22,781,225	28,356,391	9,235,214	977,254	116,669,169
Food and beverage service activities	8,692	1,355,469,945	1,030,811,620	92,223,614	79,206,213	28,346,633	10,544,675	1,770,437	112,566,753
Information and communication	1,165	3,456,551,052	317,613,865	1,057,227,214	164,123,738	118,130,251	11,025,635	5,049,866	1,783,380,483
Publishing activities	60	53,975,047	27,099,956	2,145,814	2,173,393	1,236,725	131,841	1,069,900	20,117,418
Motion picture, video and television programme production, sound recording	113	30,645,023	20,846,544	1,551,040	245,892	599,281	68,480	0	7,333,786
Programming and broadcasting activities	38	183,530,606	1,429,892	20,904,261	6,078,972	4,217,224	177,597	0	150,722,660
Telecommunications	499	2,985,714,155	212,383,828	1,031,934,809	151,264,179	110,195,710	10,388,492	3,979,966	1,465,567,171
Computer programming, consultancy and related activities	393	79,667,667	9,961,957	691,290	2,868,428	1,435,546	199,660	0	64,510,786
Information service activities	63	123,018,558	45,891,688	0	1,492,875	445,766	59,567	0	75,128,662
Financial and insurance activities	2,908	29,230,797,745	1,824,262,927	4,916,612	185,408,562	1,459,070,675	20,020,947	93,368,995	25,643,749,027
Financial service activities, except insurance and pension funding	2,299	27,856,982,763	1,585,274,888	0	172,296,799	1,447,544,644	18,196,670	93,368,993	24,540,300,769
Insurance, reinsurance and pension funding, except compulsory social security	206	885,910,041	11,535,113	0	9,837,560	5,863,687	875,844	2	857,797,835
Activities auxiliary to financial service and insurance activities	402	487,904,941	227,452,926	4,916,612	3,274,203	5,662,344	948,433	0	245,650,423

Table A.19: Purchases and other operating cost in the service sector in Greater Accra region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Real estate activities	339	683,814,316	378,383,133	246,875	8,351,107	3,537,725	517,421	204,779	292,573,276
Real estate activities	339	683,814,316	378,383,133	246,875	8,351,107	3,537,725	517,421	204,779	292,573,276
Professional, scientific and technical activities	2,099	662,995,728	261,661,397	11,282,251	18,664,715	13,144,651	3,722,280	2,810,777	351,709,657
Legal and accounting activities	363	56,545,537	24,094,876	0	1,956,066	1,689,921	160,232	0	28,644,442
Activities of head offices; management consultancy activities	247	83,909,920	1,443,619	0	2,959,029	3,827,409	2,308,864	0	73,370,999
Architectural and engineering activities; technical testing and analysis	339	382,304,202	193,722,527	10,279,607	7,938,927	4,561,303	618,501	0	165,183,337
Scientific research and development	23	18,698,578	63,926	0	589,493	324,566	168,780	0	17,551,813
Advertising and market research	161	52,269,256	6,408,006	0	1,751,765	986,539	148,216	2,789,789	40,184,941
Other professional, scientific and technical activities	953	68,315,317	35,524,109	660,684	3,462,042	1,725,005	312,454	20,988	26,610,035
Veterinary activities	12	952,917	404,334	341,960	7,392	29,907	5,233	0	164,091
Administrative and support service activities	2,168	265,328,811	86,306,990	9,507,736	25,995,802	5,525,519	838,724	177,792	136,976,248
Rental and leasing activities	380	76,058,287	23,457,443	258,267	14,756,990	1,122,283	198,825	278	36,264,201
Employment activities	160	19,372,078	1,204,479	0	908,551	529,069	103,571	0	16,626,408
Travel agency, tour operator, reservation service and related activities	235	64,014,755	20,773,965	5,641,241	1,601,150	832,823	167,760	32,122	34,965,694
Security and investigation activities	146	50,406,942	22,273,530	17,000	5,683,219	878,722	167,944	55,018	21,331,509
Services to buildings and landscape activities	67	10,225,029	3,911,123	2,502,110	590,681	143,291	30,656	72,374	2,974,794
Office administrative, office support and other business support activities	1,180	45,251,718	14,686,449	1,089,118	2,455,211	2,019,331	169,968	18,000	24,813,641
Education	4,637	331,933,589	99,954,535	9,380,450	19,858,469	15,351,418	7,161,097	685,713	179,541,907
Education	4,637	331,933,589	99,954,535	9,380,450	19,858,469	15,351,418	7,161,097	685,713	179,541,907
Human health and social work activities	825	335,727,643	150,478,801	38,159,997	10,641,432	21,613,514	2,216,996	685,405	111,931,498
Human health activities	628	294,122,566	148,539,412	38,159,997	7,874,079	20,337,076	1,930,772	685,405	76,595,825
Residential care activities	66	1,900,427	575,015	0	602,604	189,558	69,911	0	463,339
Social work activities without accommodation	131	39,704,649	1,364,374	0	2,164,749	1,086,880	216,313	0	34,872,333
Arts, entertainment and recreation	1,447	49,314,894	24,462,810	254,757	1,513,256	2,195,949	351,888	25,168	20,511,066
Creative, arts and entertainment activities	115	2,862,935	339,027	192,501	125,813	246,398	33,987	0	1,925,209
Libraries, archives, museums and other cultural activities	26	9,252,222	3,920,475	0	119,128	103,991	49,055	0	5,059,573
Gambling and betting activities	938	32,019,742	16,845,738	58,670	1,151,213	1,327,586	238,363	25,168	12,373,004
Sports activities and amusement and recreation activities	369	5,179,997	3,357,571	3,586	117,102	517,975	30,483	0	1,153,280
Other service activities	23,092	887,258,583	654,265,094	54,028,836	20,275,864	19,437,992	7,388,396	18,456	131,843,945
Activities of membership organizations	4,012	496,107,462	401,322,012	756,690	9,243,035	7,306,199	2,693,213	0	74,786,313
Repair of computers and personal and household goods	2,851	190,598,014	117,072,428	38,674,342	1,817,811	1,641,308	446,694	1,166	30,944,265
Other personal service activities	16,230	200,553,108	135,870,654	14,597,804	9,215,019	10,490,485	4,248,489	17,290	26,113,367

Table A.20: Purchases and other operating cost in the service sector in Volta region

Sector	No. of Establishments	Total GH¢	Material and Supplies, GH¢	Goods Purchased for Resale GH¢	Fuel Purchases GH¢	Electricity Purchases GH¢	Water Purchases GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Volta Region	39,530	4,176,758,965	3,708,192,574	215,552,335	42,723,894	44,939,935	4,634,268	700,455	160,015,504
Services	29,492	3,503,103,695	3,216,641,819	133,606,925	22,419,595	24,015,876	3,749,633	698,454	101,971,393
Wholesale and retail trade and repair of motor vehicles and motorcycles	15,463	3,189,257,259	3,038,156,097	90,899,876	5,182,146	6,327,479	774,718	669,119	47,247,824
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,154	27,219,447	22,117,121	1,701,072	256,344	411,878	61,950	0	2,671,082
Wholesale trade, except of motor vehicles and motorcycles	431	123,092,585	102,156,314	18,723,667	168,881	285,954	8,945	0	1,748,824
Retail trade, except of motor vehicles and motorcycles	13,878	3,038,945,227	2,913,882,662	70,475,137	4,756,921	5,629,647	703,823	669,119	42,827,918
Transportation and storage	99	4,376,778	1,174,438	10,110	2,300,385	49,758	17,916	0	824,171
Land transport and transport via pipelines	21	3,668,843	1,053,229	0	2,083,222	31,459	9,432	0	491,501
Water transport	5	129,744	2,760	0	108,860	0	0	0	18,124
Warehousing and support activities for transportation	38	473,652	93,554	0	106,004	16,031	7,198	0	250,865
Postal and courier activities	34	104,542	24,896	10,110	2,300	2,268	1,286	0	63,682
Accommodation and food service activities	4,192	146,831,598	110,377,991	14,880,634	5,765,838	4,340,717	1,168,445	17,500	10,280,473
Accommodation	309	13,472,668	5,631,123	1,877,076	998,764	1,824,927	381,954	0	2,758,824
Food and beverage service activities	3,883	133,358,931	104,746,868	13,003,558	4,767,075	2,515,790	786,491	17,500	7,521,649
Information and communication	116	19,662,997	16,039,377	1,925,611	318,648	575,254	20,208	0	783,899
Publishing activities	2	11,276	467	0	0	3,000	300	0	7,509
Motion picture, video and television programme production, sound recording	25	104,468	41,252	4,386	4,952	6,415	0	0	47,463
Programming and broadcasting activities	25	1,453,613	154,751	0	231,836	492,008	16,605	0	558,413
Telecommunications	46	16,064,357	15,808,395	51,625	33,767	67,689	2,295	0	100,586
Computer programming, consultancy and related activities	2	128,102	26,863	0	46,200	2,100	1,008	0	51,931
Information service activities	16	1,901,182	7,649	1,869,600	1,893	4,043	0	0	17,997
Financial and insurance activities	255	13,837,889	1,565,207	342,472	1,277,825	670,777	137,749	0	9,843,859
Financial service activities, except insurance and pension funding	217	13,180,685	1,520,624	342,472	1,178,621	600,446	127,323	0	9,411,199
Insurance, reinsurance and pension funding, except compulsory social security	28	542,165	44,158	0	99,205	57,268	9,425	0	332,109
Activities auxiliary to financial service and insurance activities	11	115,040	425	0	0	13,063	1,000	0	100,552

Table A.20: Purchases and other operating cost in the service sector in Volta region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Real estate activities	4	208,210	2,068	145,000	9,500	6,922	162	0	44,558
Real estate activities	4	208,210	2,068	145,000	9,500	6,922	162	0	44,558
Professional, scientific and technical activities	199	6,657,606	3,791,922	595,471	115,299	168,292	17,062	0	1,969,560
Legal and accounting activities	10	1,219,313	130,513	469,044	29,015	18,200	1,294	0	571,247
Activities of head offices; management consultancy activities	26	325,596	60,630	0	46,053	25,800	6,192	0	186,921
Architectural and engineering activities; technical testing and analysis	30	374,850	152,826	75,109	4,103	16,685	1,658	0	124,469
Scientific research and development	1	880	0	0	180	0	0	0	700
Other professional, scientific and technical activities	131	4,736,870	3,447,884	51,318	35,949	107,607	7,918	0	1,086,194
Veterinary activities	1	99	69	0	0	0	0	0	30
Administrative and support service activities	283	2,664,103	1,337,214	46,299	146,803	213,012	10,265	0	910,510
Rental and leasing activities	27	161,628	51,351	5,850	57,107	2,600	415	0	44,305
Employment activities	3	26,252	1,625	0	5,148	760	500	0	18,219
Travel agency, tour operator, reservation service and related activities	1	43,250	0	0	33,800	360	240	0	8,850
Security and investigation activities	8	116,535	70,283	0	0	3,442	0	0	42,810
Services to buildings and landscape activities	52	199,946	145,559	0	5,914	27,722	1,416	0	19,335
Office administrative, office support and other business support activities	192	2,116,494	1,068,397	40,449	44,834	178,128	7,694	0	776,992
Education	1,076	23,036,881	7,277,489	1,606,031	3,717,021	1,486,313	642,791	100	8,307,136
Education	1,076	23,036,881	7,277,489	1,606,031	3,717,021	1,486,313	642,791	100	8,307,136
Human health and social work activities	284	34,991,889	12,846,220	6,638,172	1,260,504	7,543,783	169,910	0	6,533,300
Human health activities	237	33,669,863	12,548,343	6,636,232	953,990	7,503,615	154,374	0	5,873,309
Residential care activities	6	171,728	139,397	0	8,172	9,071	3,057	0	12,031
Social work activities without accommodation	41	1,150,300	158,481	1,940	298,342	31,098	12,479	0	647,960

Table A.20: Purchases and other operating cost in the service sector in Volta region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Arts, entertainment and recreation	194	3,269,026	2,313,795	531,896	54,454	42,134	11,697	0	315,050
Creative, arts and entertainment activities	35	236,845	126,318	7,757	6,823	8,367	1,618	0	85,962
Libraries, archives, museums and other cultural activities	13	60,746	23,708	0	5,519	7,782	1,856	0	21,881
Gambling and betting activities	116	2,841,909	2,114,346	510,539	15,627	13,330	7,295	0	180,772
Sports activities and amusement and recreation activities	30	129,528	49,424	13,600	26,485	12,656	928	0	26,435
Other service activities	7,328	58,309,459	21,760,001	15,985,353	2,271,172	2,591,435	778,710	11,735	14,911,053
Activities of membership organizations	3,473	14,044,531	1,945,748	27,685	1,979,132	1,408,129	357,477	60	8,326,300
Repair of computers and personal and household goods	772	25,884,594	12,499,254	11,354,523	180,625	214,596	29,329	0	1,606,267
Other personal service activities	3,083	18,380,333	7,314,998	4,603,145	111,415	968,710	391,903	11,675	4,978,487

Table A.21: Purchases and other operating cost in the service sector in Eastern region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Eastern Region	49,220	6,187,185,005	4,668,235,041	98,497,807	313,731,326	184,447,952	6,206,844	840,477	915,225,558
Services	38,871	2,889,746,078	2,505,116,767	77,536,411	74,254,758	26,150,124	5,155,306	716,693	200,816,019
Wholesale and retail trade and repair of motor vehicles and motorcycles	21,210	2,452,178,538	2,275,382,582	45,016,580	56,014,355	11,406,478	1,840,135	50,400	62,468,008
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,139	63,935,084	51,327,771	875,943	946,950	1,358,028	210,044	0	9,216,348
Wholesale trade, except of motor vehicles and motorcycles	1,095	511,025,765	470,067,477	23,801,936	4,705,581	608,020	84,795	0	11,757,956
Retail trade, except of motor vehicles and motorcycles	17,976	1,877,217,686	1,753,987,333	20,338,701	50,361,823	9,440,430	1,545,296	50,400	41,493,703
Transportation and storage	268	18,077,683	17,258,226	124,000	160,395	221,308	600	50	313,104
Land transport and transport via pipelines	54	904,420	514,412	0	153,257	12,231	82	0	224,438
Warehousing and support activities for transportation	206	17,169,056	16,742,794	124,000	7,138	208,657	518	50	85,899
Postal and courier activities	8	4,207	1,020	0	0	420	0	0	2,767
Accommodation and food service activities	4,190	177,198,884	134,404,429	21,239,803	5,631,614	4,899,406	1,125,401	30,662	9,867,569
Accommodation	416	20,034,332	8,293,298	1,078,795	2,348,884	2,662,761	710,474	1,800	4,938,320
Food and beverage service activities	3,774	157,164,553	126,111,131	20,161,008	3,282,731	2,236,645	414,927	28,862	4,929,249
Information and communication	227	3,297,616	832,760	771,074	331,151	332,749	28,355	0	1,001,527
Publishing activities	12	231,682	81,514	0	48,231	13,956	438	0	87,543
Motion picture, video and television programme production, sound recording	72	206,771	93,593	18,140	20,330	14,186	534	0	59,988
Programming and broadcasting activities	30	1,834,053	133,859	662,209	169,761	210,758	26,557	0	630,909
Telecommunications	61	578,893	292,632	27,526	78,790	68,837	826	0	110,282
Computer programming, consultancy and related activities	11	367,883	209,001	48,749	300	9,916	0	0	99,917
Information service activities	41	78,332	22,160	14,450	13,738	15,096	0	0	12,888
Financial and insurance activities	357	72,536,185	9,822,083	2,655,531	3,666,996	1,733,222	167,390	4,956	54,486,007
Financial service activities, except insurance and pension funding	322	49,560,749	6,149,742	570,271	3,528,055	1,557,216	149,541	3,956	37,601,968
Insurance, reinsurance and pension funding, except compulsory social security	30	17,304,580	139,697	1,153	129,830	173,155	16,475	0	16,844,270
Activities auxiliary to financial service and insurance activities	5	5,670,858	3,532,644	2,084,107	9,111	2,852	1,375	1,000	39,769
Real estate activities	5	459,974	211,795	0	38,672	13,214	8,731	0	187,562
Real estate activities	5	459,974	211,795	0	38,672	13,214	8,731	0	187,562

Table A.21: Purchases and other operating cost by in the service sector in Eastern region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Professional, scientific and technical activities	368	2,187,142	1,093,500	115,759	257,272	99,852	18,099	19,410	583,250
Legal and accounting activities	8	12,050	4,875	0	0	3,443	850	0	2,882
Activities of head offices; management consultancy activities	1	108	108	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	77	480,631	81,296	0	157,847	31,082	13,352	0	197,054
Scientific research and development	4	43,897	4,575	0	11,700	1,707	136	0	25,779
Advertising and market research	1	7,280	80	0	0	2,400	0	0	4,800
Other professional, scientific and technical activities	276	1,559,016	919,845	115,759	87,725	60,621	3,521	19,410	352,135
Veterinary activities	1	84,160	82,720	0	0	600	240	0	600
Administrative and support service activities	364	2,872,805	1,325,320	340,966	187,217	159,404	8,146	0	851,752
Rental and leasing activities	83	571,723	332,736	3,154	74,630	17,161	1,400	0	142,642
Employment activities	7	94,794	9,078	0	0	8,640	2,046	0	75,030
Security and investigation activities	4	137,368	15,572	0	7,920	2,440	0	0	111,436
Services to buildings and landscape activities	1	3,024	1,560	0	0	264	0	0	1,200
Office administrative, office support and other business support activities	269	2,065,895	966,374	337,812	104,666	130,899	4,700	0	521,444
Education	1,788	41,180,009	14,655,935	1,568,028	3,303,618	1,546,832	556,545	26,725	19,522,326
Education	1,788	41,180,009	14,655,935	1,568,028	3,303,618	1,546,832	556,545	26,725	19,522,326
Human health and social work activities	453	40,455,007	23,577,393	1,878,451	1,660,266	1,708,093	147,375	351,210	11,132,219
Human health activities	401	33,252,797	22,255,170	1,878,451	1,046,984	1,228,372	107,684	348,513	6,387,623
Residential care activities	4	17,094	5,502	0	0	2,520	1,008	0	8,064
Social work activities without accommodation	48	7,185,117	1,316,721	0	613,282	477,201	38,683	2,697	4,736,533
Arts, entertainment and recreation	216	844,223	190,374	279,887	64,804	46,058	3,332	4,200	255,568
Creative, arts and entertainment activities	28	146,173	82,374	600	17,300	10,360	648	0	34,891
Libraries, archives, museums and other cultural activities	9	17,436	4,006	1,800	700	2,428	858	0	7,644
Gambling and betting activities	141	465,700	85,255	238,419	24,008	14,982	1,229	0	101,807
Sports activities and amusement and recreation activities	38	214,915	18,739	39,068	22,796	18,289	597	4,200	111,226
Other service activities	9,425	78,458,012	26,362,370	3,546,332	2,938,398	3,983,508	1,251,197	229,080	40,147,127
Activities of membership organizations	4,042	41,690,881	2,289,188	21,353	2,032,852	1,979,269	459,089	0	34,909,130
Repair of computers and personal and household goods	840	12,378,657	9,705,893	751,348	665,878	339,612	3,359	9,211	903,356
Other personal service activities	4,543	24,388,473	14,367,289	2,773,631	239,668	1,664,627	788,748	219,869	4,334,641

Table A.22: Purchases and other operating cost in the service sector in Ashanti region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchases GH¢	Electricity Purchases GH¢	Water Purchases GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Ashanti Region	98,842	11,734,593,522	9,009,484,344	1,419,705,592	251,431,189	212,671,102	15,128,475	2,871,782	823,301,038
Services	77,345	9,201,397,578	7,311,145,561	1,096,321,661	188,090,745	70,391,428	11,568,299	1,008,188	522,871,696
Wholesale and retail trade and repair of motor vehicles and motorcycles	44,862	7,709,830,334	6,376,735,013	1,021,895,193	93,880,635	25,712,129	2,646,684	477,013	188,483,667
Wholesale and retail trade and repair of motor vehicles and motorcycles	6,267	1,694,678,203	1,642,152,058	26,789,260	4,938,693	3,989,142	387,693	0	16,421,357
Wholesale trade, except of motor vehicles and motorcycles	1,947	1,627,180,711	1,346,227,935	206,641,822	7,068,855	1,821,836	231,320	116,200	65,072,743
Retail trade, except of motor vehicles and motorcycles	36,648	4,387,971,421	3,388,355,020	788,464,111	81,873,088	19,901,150	2,027,672	360,812	106,989,568
Transportation and storage	211	113,609,197	68,838,021	44,978	28,713,808	357,144	154,417	0	15,500,829
Land transport and transport via pipelines	125	45,043,332	18,917,376	0	15,355,667	141,119	26,733	0	10,602,437
Warehousing and support activities for transportation	51	65,811,452	49,879,414	43,978	10,952,615	85,914	19,053	0	4,830,478
Postal and courier activities	35	2,754,411	41,231	1,000	2,405,526	130,110	108,630	0	67,914
Accommodation and food service activities	6,807	324,375,629	241,929,065	20,880,465	18,375,093	12,730,996	2,759,513	0	27,700,497
Accommodation	559	50,727,401	15,957,154	5,063,602	7,159,541	7,352,007	1,149,276	0	14,045,821
Food and beverage service activities	6,248	273,648,231	225,971,912	15,816,864	11,215,552	5,378,989	1,610,238	0	13,654,676
Information and communication	733	26,597,984	15,052,596	234,502	3,365,786	2,420,029	76,584	17,142	5,431,345
Publishing activities	53	4,414,259	3,577,081	0	199,198	78,874	5,312	0	553,794
Motion picture, video and television programme production, sound recording	94	2,715,682	605,585	0	198,091	469,701	5,001	0	1,437,304
Programming and broadcasting activities	49	4,075,387	677,931	0	1,008,763	757,741	42,400	17,056	1,571,496
Telecommunications	282	13,614,293	9,936,630	206,383	1,391,563	947,752	18,610	0	1,113,355
Computer programming, consultancy and related activities	29	1,072,194	147,503	20,057	467,605	79,344	2,727	0	354,958
Information service activities	226	706,169	107,866	8,061	100,565	86,617	2,534	86	400,440
Financial and insurance activities	656	175,600,644	23,896,003	4,264,420	10,855,188	9,954,155	741,738	39,373	125,849,767
Financial service activities, except insurance and pension funding	552	155,970,879	4,639,568	4,255,470	10,817,188	9,861,851	720,620	39,373	125,636,809
Insurance, reinsurance and pension funding, except compulsory social security	57	630,314	298,440	8,950	38,000	86,544	14,050	0	184,330
Activities auxiliary to financial service and insurance activities	47	18,999,451	18,957,995	0	0	5,760	7,068	0	28,628
Real estate activities	29	4,590,177	3,439,932	0	186,157	53,420	7,204	0	903,464
Real estate activities	29	4,590,177	3,439,932	0	186,157	53,420	7,204	0	903,464

Table A.22: Purchases and other operating cost in the service sector in Ashanti region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchases GH¢	Electricity Purchases GH¢	Water Purchases GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Professional, scientific and technical activities	859	79,902,400	65,299,073	1,632,528	851,458	1,040,151	82,947	50	10,996,193
Legal and accounting activities	51	2,928,733	328,769	0	150,161	215,973	16,397	0	2,217,433
Activities of head offices; management consultancy activities	65	688,922	59,339	6,800	3,350	87,887	8,075	50	523,421
Architectural and engineering activities; technical testing and analysis	106	11,792,126	8,676,305	0	119,314	93,824	9,831	0	2,892,852
Scientific research and development	3	4,162,241	640,795	0	99,389	142,051	4,265	0	3,275,741
Advertising and market research	11	746,890	215,336	281,250	49,471	19,707	548	0	180,578
Other professional, scientific and technical activities	616	57,994,237	54,230,894	1,061,278	402,080	462,302	41,875	0	1,795,808
Veterinary activities	7	1,589,249	1,147,635	283,200	27,692	18,407	1,955	0	110,360
Administrative and support service activities	798	58,585,091	40,108,942	6,997,385	2,179,990	528,702	100,612	41,760	8,627,700
Rental and leasing activities	333	11,442,705	3,350,077	84,963	1,668,365	139,346	61,355	0	6,138,599
Employment activities	17	355,365	55,649	0	76,294	19,678	2,832	0	200,912
Travel agency, tour operator, reservation service and related activities	32	41,826,924	34,113,963	6,761,250	88,285	52,990	1,475	41,760	767,201
Security and investigation activities	16	1,004,584	319,714	20,220	203,024	22,562	7,790	0	431,274
Services to buildings and landscape activities	6	436,060	203,785	0	7,000	16,200	1,500	0	207,575
Office administrative, office support and other business support activities	393	3,519,453	2,065,754	130,951	137,022	277,926	25,661	0	882,139
Education	2,536	122,389,732	31,335,457	5,045,209	13,940,646	4,614,632	1,624,788	89,582	65,739,418
Education	2,536	122,389,732	31,335,457	5,045,209	13,940,646	4,614,632	1,624,788	89,582	65,739,418
Human health and social work activities	655	422,512,576	363,479,720	20,313,848	4,747,710	3,224,719	705,255	68,385	29,972,939
Human health activities	607	419,901,917	362,656,327	20,303,648	4,502,226	3,121,410	679,269	68,385	28,570,652
Residential care activities	11	651,798	275,427	0	35,897	36,522	6,900	0	297,052
Social work activities without accommodation	37	1,958,862	547,966	10,200	209,588	66,787	19,086	0	1,105,235
Arts, entertainment and recreation	1,526	9,890,319	4,457,235	576,241	495,090	354,981	44,794	8,319	3,953,659
Creative, arts and entertainment activities	65	1,228,675	1,028,732	26,950	6,145	11,501	490	0	154,857
Libraries, archives, museums and other cultural activities	3	20,210	15,676	0	120	2,184	180	0	2,050
Gambling and betting activities	1,386	6,734,029	2,743,796	12,607	364,223	207,555	20,092	0	3,385,756
Sports activities and amusement and recreation activities	72	1,907,406	669,031	536,684	124,602	133,741	24,032	8,319	410,997
Other service activities	17,673	153,513,495	76,574,504	14,436,892	10,499,184	9,400,370	2,623,763	266,564	39,712,218
Activities of membership organizations	5,884	45,105,657	5,374,567	374,146	7,624,826	3,826,849	980,860	245,490	26,678,919
Repair of computers and personal and household goods	1,415	30,890,353	21,455,648	5,113,015	225,921	522,233	187,833	2,324	3,383,379
Other personal service activities	10,374	77,517,485	49,744,289	8,949,731	2,648,437	5,051,288	1,455,070	18,750	9,649,920

Table A.23: Purchases and other operating cost in the service sector in Brong Ahafo region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchases GH¢	Electricity Purchases GH¢	Water Purchases GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Brong Ahafo Region	44,406	5,390,242,201	4,836,702,056	78,329,297	169,862,886	40,666,666	8,116,112	4,653,651	251,911,533
Services	36,324	4,533,946,297	4,181,463,026	31,469,642	88,023,803	21,780,168	6,748,588	4,527,270	199,933,800
Wholesale and retail trade and repair of motor vehicles and motorcycles	20,115	4,034,544,773	3,913,274,475	16,483,594	21,941,361	8,446,075	2,053,929	13,892	72,331,447
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,491	464,054,548	434,119,806	2,921,437	7,652,961	804,424	502,024	0	18,053,896
Wholesale trade, except of motor vehicles and motorcycles	666	1,109,508,978	1,084,079,706	1,797,771	4,879,992	835,404	128,939	1,512	17,785,654
Retail trade, except of motor vehicles and motorcycles	16,958	2,460,981,248	2,395,074,962	11,764,386	9,408,409	6,806,248	1,422,966	12,380	36,491,897
Transportation and storage	62	21,657,041	16,990,900	1,100	3,932,024	79,309	25,364	0	628,344
Land transport and transport via pipelines	29	12,501,729	8,064,551	0	3,883,909	50,244	13,803	0	489,222
Warehousing and support activities for transportation	22	9,039,533	8,869,114	0	32,545	23,483	8,300	0	106,091
Postal and courier activities	12	115,779	57,235	1,100	15,570	5,582	3,261	0	33,031
Accommodation and food service activities	3,432	143,014,976	120,765,933	3,985,672	2,954,862	3,107,285	890,971	511,980	10,798,273
Accommodation	262	11,986,298	4,586,301	774,140	739,819	1,505,380	298,667	0	4,081,991
Food and beverage service activities	3,170	131,028,678	116,179,632	3,211,532	2,215,043	1,601,905	592,304	511,980	6,716,282
Information and communication	297	6,720,983	3,400,335	42,760	793,127	838,914	79,711	0	1,566,136
Publishing activities	9	315,581	224,634	0	0	19,469	544	0	70,934
Motion picture, video and television programme production, sound recording	9	54,791	18,225	0	405	8,854	795	0	26,512
Programming and broadcasting activities	74	2,587,992	129,307	0	755,308	696,200	53,894	0	953,283
Telecommunications	149	3,571,597	2,969,989	27,160	19,898	82,218	22,763	0	449,569
Computer programming, consultancy and related activities	4	43,466	18,187	0	3,720	9,111	109	0	12,339
Information service activities	52	147,553	39,992	15,600	13,797	23,060	1,606	0	53,498
Financial and insurance activities	430	86,952,612	19,475,115	255,770	4,879,790	2,477,205	694,454	0	59,170,278
Financial service activities, except insurance and pension funding	406	84,377,358	19,352,845	255,274	4,760,767	2,430,258	688,987	0	56,889,227
Insurance, reinsurance and pension funding, except compulsory social security	19	2,361,319	91,644	0	104,823	36,523	3,287	0	2,125,042
Activities auxiliary to financial service and insurance activities	5	213,935	30,627	497	14,200	10,423	2,180	0	156,008
Real estate activities	5	41,563	10,899	0	12,064	1,640	408	0	16,552
Real estate activities	5	41,563	10,899	0	12,064	1,640	408	0	16,552

Table A.23: Purchases and other operating cost in the service sector in Brong Ahafo region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchases GH¢	Electricity Purchases GH¢	Water Purchases GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Professional, scientific and technical activities	260	5,882,582	1,972,842	192,850	225,737	249,359	28,419	1,662,777	1,550,598
Legal and accounting activities	20	293,396	33,416	0	21,520	12,598	3,295	0	222,567
Activities of head offices; management consultancy activities	4	545,573	74,213	182,000	70,000	15,660	2,898	0	200,802
Architectural and engineering activities; technical testing and analysis	29	2,319,429	317,875	0	57,390	14,237	3,350	1,662,777	263,800
Advertising and market research	4	191,604	22,118	150	8,329	44,214	1,750	0	115,043
Other professional, scientific and technical activities	203	2,532,580	1,525,220	10,700	68,498	162,651	17,126	0	748,385
Administrative and support service activities	279	5,223,017	4,301,320	19,571	65,247	174,068	24,301	186	638,324
Rental and leasing activities	80	3,744,375	3,533,445	0	16,798	64,263	4,563	0	125,306
Employment activities	2	4,649	732	0	1,152	0	450	0	2,315
Travel agency, tour operator, reservation service and related activities	5	61,883	10,182	0	150	4,914	676	0	45,961
Security and investigation activities	4	62,067	35,544	0	5,280	1,881	197	0	19,165
Services to buildings and landscape activities	28	152,923	33,937	0	25,793	9,994	1,356	0	81,843
Office administrative, office support and other business support activities	159	1,197,121	687,480	19,571	16,075	93,016	17,059	186	363,734
Education	1,762	64,925,075	29,725,826	2,118,899	13,271,413	1,671,788	868,718	2,305,073	14,963,358
Education	1,762	64,925,075	29,725,826	2,118,899	13,271,413	1,671,788	868,718	2,305,073	14,963,358
Human health and social work activities	193	46,642,517	26,177,712	2,599,827	1,604,315	1,447,379	1,112,398	1	13,700,885
Human health activities	170	46,402,994	26,057,850	2,599,827	1,592,409	1,439,856	1,107,808	1	13,605,243
Residential care activities	14	138,020	100,411	0	6,074	4,600	3,600	0	23,335
Social work activities without accommodation	9	101,500	19,450	0	5,831	2,922	990	0	72,307
Arts, entertainment and recreation	326	3,640,946	2,220,974	13,249	201,416	122,383	37,780	0	1,045,144
Creative, arts and entertainment activities	32	557,702	436,507	35	22,590	18,191	1,037	0	79,342
Libraries, archives, museums and other cultural activities	4	16,948	3,001	0	2,262	2,104	1,080	0	8,501
Gambling and betting activities	247	2,535,471	1,671,291	0	132,592	60,712	10,129	0	660,747
Sports activities and amusement and recreation activities	43	530,826	110,175	13,214	43,972	41,376	25,534	0	296,555
Other service activities	9,163	114,700,212	43,146,695	5,756,350	38,142,447	3,164,763	932,135	33,361	23,524,461
Activities of membership organizations	4,024	63,526,383	6,447,468	6,356	37,374,811	1,506,209	468,306	0	17,723,233
Repair of computers and personal and household goods	793	23,104,620	18,191,043	3,170,433	258,114	229,453	71,024	0	1,184,553
Other personal service activities	4,346	28,069,210	18,508,184	2,579,561	509,523	1,429,101	392,805	33,361	4,616,675

Table A.24: Purchases and other operating cost in the service sector in Northern region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Northern Region	35,917	4,932,863,739	4,119,185,870	245,361,659	40,109,590	27,210,074	5,402,501	2,329,627	493,264,418
Services	27,160	332,590,026	81861694	26823078	8750091	6328838	2854011	15144	205957170
Wholesale and retail trade and repair of motor vehicles and motorcycles	16,272	2,961,178,610	2,679,316,193	175,855,989	11,021,096	6,119,943	1,558,853	2,314,483	84,992,053
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,047	151,748,750	131,184,257	3,632,203	2,376,567	423,341	233,355	0	13,899,027
Wholesale trade, except of motor vehicles and motorcycles	875	1,031,952,094	1,001,963,681	6,465,557	2,001,860	1,876,870	167,926	1,351,136	18,125,064
Retail trade, except of motor vehicles and motorcycles	13,350	1,777,477,768	1,546,168,255	165,758,230	6,642,669	3,819,733	1,157,572	963,347	52,967,962
Transportation and storage	49	4,913,061	4,408,704	21,500	246,998	21,554	3,805	0	210,500
Land transport and transport via pipelines	17	4,636,694	4,294,384	21,500	192,046	7,228	1,910	0	119,626
Warehousing and support activities for transportation	27	61,016	2,084	0	14,476	2,206	251	0	41,999
Postal and courier activities	5	215,351	112,236	0	40,476	12,120	1,644	0	48,875
Accommodation and food service activities	2,115	93,472,300	58,330,972	21,146,915	2,182,643	2,093,384	1,408,620	0	8,309,766
Accommodation	199	6,233,734	1,323,968	809,377	486,266	1,145,230	266,279	0	2,202,614
Food and beverage service activities	1,917	87,238,566	57,007,004	20,337,537	1,696,377	948,154	1,142,341	0	6,107,153
Information and communication	126	5,352,042	1,487,743	2,312,423	329,855	392,940	22,037	0	807,044
Publishing activities	11	614,467	477,771	0	58,000	6,800	4,454	0	67,442
Motion picture, video and television programme production, sound recording	10	63,107	37,298	1,800	2,118	2,685	174	0	19,032
Programming and broadcasting activities	24	639,338	55,880	0	59,681	152,234	9,154	0	362,389
Telecommunications	66	1,991,240	840,174	399,801	190,462	226,131	7,783	0	326,889
Computer programming, consultancy and related activities	12	155,081	76,620	36,511	11,664	2,730	0	0	27,556
Information service activities	4	1,888,811	0	1,874,312	7,930	2,360	472	0	3,737
Financial and insurance activities	196	178,957,606	838,806	85,473	1,439,550	932,360	298,486	0	175,362,931
Financial service activities, except insurance and pension funding	169	177,423,447	828,335	85,473	1,363,071	861,933	295,425	0	173,989,210
Insurance, reinsurance and pension funding, except compulsory social security	18	407,830	10,076	0	53,160	59,810	1,174	0	283,610
Activities auxiliary to financial service and insurance activities	9	1,126,331	396	0	23,319	10,617	1,887	0	1,090,112
Real estate activities	4	60,412	4,161	0	10,080	1,620	1,142	0	43,409
Real estate activities	4	60,412	4,161	0	10,080	1,620	1,142	0	43,409

Table A.24: Purchases and other operating cost in the service sector in Northern region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Professional, scientific and technical activities	142	2,631,445	1,223,168	142,730	208,219	121,605	25,911	6,000	903,812
Legal and accounting activities	10	254,554	6,575	0	20,789	12,128	2,200	0	212,862
Activities of head offices; management consultancy activities	8	44,007	21,721	0	5,005	1,320	144	0	15,817
Architectural and engineering activities; technical testing and analysis	1	20,038	800	0	665	380	195	0	17,998
Scientific research and development	2	914,375	887,536	0	10,701	1,440	120	0	14,578
Advertising and market research	3	24,237	2,139	733	2,400	1,172	0	0	17,793
Other professional, scientific and technical activities	114	1,185,428	270,937	141,997	133,808	85,693	9,852	6,000	537,141
Veterinary activities	5	188,805	33,460	0	34,851	19,472	13,400	0	87,622
Administrative and support service activities	214	2,744,439	1,810,401	150,208	77,174	94,009	11,927	0	600,720
Rental and leasing activities	33	291,969	127,910	24,960	24,442	7,119	2,697	0	104,841
Employment activities	5	91,023	4,280	0	18,598	4,980	900	0	62,265
Travel agency, tour operator, reservation service and related activities	10	128,706	36,713	0	5,580	3,860	1,026	0	81,527
Office administrative, office support and other business support activities	166	2,232,741	1,641,498	125,248	28,554	78,050	7,304	0	352,087
Education	600	8,419,348	2,201,581	124,129	982,950	327,304	146,611	1,014	4,635,759
Education	600	8,419,348	2,201,581	124,129	982,950	327,304	146,611	1,014	4,635,759
Human health and social work activities	153	10,650,592	4,388,174	1,051,361	813,861	639,573	141,592	1,530	3,614,501
Human health activities	130	9,207,758	4,078,333	1,046,361	561,590	553,053	112,520	0	2,855,901
Residential care activities	4	387,718	53,680	5,000	62,939	22,457	16,648	0	226,994
Social work activities without accommodation	19	1,055,115	256,161	0	189,332	64,063	12,424	1,530	531,605
Arts, entertainment and recreation	92	497,646	146,124	6,389	50,266	14,387	3,675	6,600	270,205
Creative, arts and entertainment activities	9	37,126	18,490	2,233	1,263	1,172	542	0	13,426
Libraries, archives, museums and other cultural activities	4	60,456	1,652	0	27,366	3,482	1,308	0	26,648
Gambling and betting activities	61	290,166	86,026	1,660	6,601	5,773	1,210	0	188,896
Sports activities and amusement and recreation activities	18	109,896	39,956	2,496	15,035	3,960	614	6,600	41,235
Other service activities	7,198	24,891,135	7,021,860	1,781,950	2,408,495	1,690,102	790,205	0	11,198,523
Activities of membership organizations	4,883	12,267,775	1,266,140	0	2,087,048	1,043,213	528,541	0	7,342,833
Repair of computers and personal and household goods	422	2,227,848	501,020	441,886	238,810	116,335	30,673	0	899,124
Other personal service activities	1,893	10,395,511	5,254,700	1,340,065	82,636	530,553	230,991	0	2,956,566

Table A.25: Purchases and other operating cost in the service sector in Upper East region

Sector	No. of Establishments	Total GH¢	Material and Supplies, GH¢	Goods Purchased for Resale GH¢	Fuel Purchases GH¢	Electricity Purchases GH¢	Water Purchases GH¢	Other Purchases GH¢	Other Operating Costs GH¢
ALL SECTORS -Upper East Region	14,283	1,336,841,031	909,991,776	327,684,427	18,980,341	17,277,178	2,238,970	2,657,564	58,010,775
Services	10,461	1,230,225,984	838,142,714	323,592,981	15,140,434	6,900,649	1,861,527	2,653,264	41,934,415
Wholesale and retail trade and repair of motor vehicles and motorcycles	5,037	992,298,185	656,751,051	309,092,292	8,517,046	2,470,759	659,662	2,056,204	12,751,171
Wholesale and retail trade and repair of motor vehicles and motorcycles	562	16,334,143	11,901,016	2,684,048	240,819	499,229	81,545	0	927,486
Wholesale trade, except of motor vehicles and motorcycles	387	95,937,801	72,349,324	17,812,450	1,832,586	84,606	59,333	0	3,799,502
Retail trade, except of motor vehicles and motorcycles	4,089	880,026,242	572,500,712	288,595,794	6,443,640	1,886,925	518,784	2,056,204	8,024,183
Transportation and storage	72	1,307,686	57,871	200	790,532	22,981	6,546	0	429,556
Land transport and transport via pipelines	28	1,142,984	41,921	0	786,654	8,889	890	0	304,630
Air transport	1	3,692	88	0	60	1,464	0	0	2,080
Warehousing and support activities for transportation	40	153,421	8,983	0	3,817	12,428	5,548	0	122,645
Postal and courier activities	3	7,587	6,878	200	0	200	108	0	201
Accommodation and food service activities	1,496	76,730,924	64,418,334	6,423,430	1,822,569	1,324,287	359,911	576,327	1,806,066
Accommodation	67	7,909,318	6,443,608	235,053	143,296	604,817	121,611	0	360,933
Food and beverage service activities	1,429	68,821,609	57,974,727	6,188,378	1,679,273	719,470	238,300	576,327	1,445,134
Information and communication	39	849,956	299,786	76,717	94,793	102,920	5,095	0	270,645
Motion picture, video and television programme production, sound recording	14	31,863	12,251	0	650	2,496	250	0	16,216
Programming and broadcasting activities	8	208,337	8,403	0	27,957	54,418	1,200	0	116,359
Telecommunications	11	490,393	269,607	0	63,546	42,446	2,995	0	111,799
Information service activities	6	119,363	9,525	76,717	2,640	3,560	650	0	26,271
Financial and insurance activities	115	16,564,229	998,042	331,700	539,307	1,038,546	34,931	0	13,621,703
Financial service activities, except insurance and pension funding	100	12,119,764	855,322	331,700	486,644	1,016,490	32,537	0	9,397,071
Insurance, reinsurance and pension funding, except compulsory social security	6	4,262,348	13,266	0	40,663	15,356	1,674	0	4,191,389
Activities auxiliary to financial service and insurance activities	9	182,117	129,454	0	12,000	6,700	720	0	33,243
Real estate activities	1	2,775	219	0	336	120	0	0	2,100
Real estate activities	1	2,775	219	0	336	120	0	0	2,100

Table A.25: Purchases and other operating cost in the service sector in Upper East region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchases GH¢	Electricity Purchases GH¢	Water Purchases GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Professional, scientific and technical activities	67	1,149,021	306,124	112,728	204,601	125,083	9,015	0	391,470
Legal and accounting activities	2	12,132	4,408	0	0	4,800	24	0	2,900
Activities of head offices; management consultancy activities	2	31,809	1,385	0	11,484	2,500	1,049	0	15,391
Architectural and engineering activities; technical testing and analysis	2	252,263	565	0	123,456	16,491	2,562	0	109,189
Scientific research and development	2	53,820	2,771	0	23,760	6,600	600	0	20,089
Advertising and market research	1	92,360	0	0	23,560	18,000	1,200	0	49,600
Other professional, scientific and technical activities	58	706,637	296,995	112,728	22,341	76,692	3,580	0	194,301
Administrative and support service activities	137	2,228,534	1,313,275	499,698	115,470	79,270	4,986	476	215,359
Rental and leasing activities	17	921,347	838,882	11,621	17,492	7,545	2,295	0	43,512
Travel agency, tour operator, reservation service and related activities	4	172,796	43,757	57,600	59,546	1,900	253	0	9,740
Security and investigation activities	1	18,031	5,664	0	2,400	960	450	0	8,557
Services to buildings and landscape activities	20	28,994	13,942	0	605	2,018	0	0	12,429
Office administrative, office support and other business support activities	95	1,087,368	411,030	430,477	35,427	66,847	1,989	476	141,122
Education	470	7,050,544	1,904,590	25,693	944,130	471,304	363,692	0	3,341,135
Education	470	7,050,544	1,904,590	25,693	944,130	471,304	363,692	0	3,341,135
Human health and social work activities	161	16,469,870	7,732,683	2,698,430	887,970	485,501	82,646	4,493	4,578,147
Human health activities	147	15,811,143	7,665,641	2,698,430	796,762	463,738	72,788	4,493	4,109,291
Residential care activities	2	53,526	6,992	0	4,040	4,800	4,800	0	32,894
Social work activities without accommodation	12	605,201	60,050	0	87,168	16,963	5,058	0	435,962
Arts, entertainment and recreation	65	1,400,703	1,289,981	500	43,744	22,476	4,052	49	39,901
Creative, arts and entertainment activities	7	1,186,960	1,173,860	0	5,673	3,800	578	0	3,049
Libraries, archives, museums and other cultural activities	4	8,139	2,700	0	1,808	840	0	0	2,791
Gambling and betting activities	50	182,716	106,241	500	27,479	16,416	3,374	49	28,657
Sports activities and amusement and recreation activities	4	22,888	7,180	0	8,784	1,420	100	0	5,404
Other service activities	2,801	114,173,557	103,070,758	4,331,593	1,179,936	757,402	330,991	15,715	4,487,162
Activities of membership organizations	1,087	4,029,441	386,062	0	404,272	270,503	127,825	0	2,840,779
Repair of computers and personal and household goods	426	99,243,533	97,341,552	233,353	594,736	114,760	44,789	0	914,343
Other personal service activities	1,288	10,900,585	5,343,145	4,098,241	180,928	372,139	158,378	15,715	732,039

Table A.26: Purchases and other operating cost in the service sector in Upper West region

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases (GH¢)	Other Operating Costs GH¢
ALL SECTORS -Upper West Region	12,529	1,992,776,515	815,903,105	9,843,715	12,685,193	8,495,069	1,906,793	493,364	1,143,449,276
Services	9,595	1,901,783,328	743,845,866	5,436,702	9,649,781	5,697,193	835,309	487,748	1,135,830,729
Wholesale and retail trade and repair of motor vehicles and motorcycles	6,262	701,495,979	680,043,394	2,037,455	3,777,202	3,511,188	391,603	253,233	11,481,904
Wholesale and retail trade and repair of motor vehicles and motorcycles	753	69,893,094	65,906,524	531,230	477,857	1,522,662	78,701	39,022	1,337,098
Wholesale trade, except of motor vehicles and motorcycles	124	172,382,478	171,292,530	29,741	156,928	182,305	13,237	0	707,737
Retail trade, except of motor vehicles and motorcycles	5,384	459,220,404	442,844,339	1,476,483	3,142,416	1,806,221	299,664	214,211	9,437,070
Transportation and storage	43	3,948,978	96,938	0	2,242,742	24,553	7,226	0	1,577,519
Land transport and transport via pipelines	34	3,888,948	92,346	0	2,230,954	8,117	5,705	0	1,551,826
Air transport	2	15,160	982	0	3,650	880	508	0	9,140
Warehousing and support activities for transportation	2	21,094	494	0	7,300	660	13	0	12,627
Postal and courier activities	5	23,776	3,116	0	838	14,896	1,000	0	3,926
Accommodation and food service activities	1,000	41,786,930	36,510,882	2,370,140	677,398	621,633	161,990	1,982	1,442,905
Accommodation	65	4,182,701	1,204,320	1,904,050	144,065	196,120	103,087	0	631,059
Food and beverage service activities	935	37,604,228	35,306,562	466,091	533,333	425,512	58,903	1,982	811,845
Information and communication	31	585,519	180,554	3,320	11,095	189,961	2,461	0	198,128
Publishing activities	3	5,408	2,763	0	650	75	820	0	1,100
Motion picture, video and television programme production, sound recording	2	9,462	804	3,320	576	2,400	182	0	2,180
Programming and broadcasting activities	6	244,945	10,236	0	9,037	150,226	1,315	0	74,131
Telecommunications	9	205,405	166,751	0	832	13,140	144	0	24,538
Information service activities	11	120,299	0	0	0	24,120	0	0	96,179
Financial and insurance activities	50	1,128,197,729	14,337,730	2,227	606,055	438,306	15,132	0	1,112,798,279
Financial service activities, except insurance and pension funding	45	1,128,100,294	14,333,377	2,227	549,217	428,956	14,598	0	1,112,771,919
Insurance, reinsurance and pension funding, except compulsory social security	5	97,435	4,353	0	56,838	9,350	534	0	26,360
Real estate activities		0							
Professional, scientific and technical activities	28	1,645,031	96,518	4,000	251,726	61,398	12,284	0	1,219,105
Legal and accounting activities	2	109,682	2,673	0	22,172	2,240	200	0	82,397
Activities of head offices; management consultancy activities	2	24,439	1,317	0	11,760	1,200	600	0	9,562
Architectural and engineering activities; technical testing and analysis	5	927,704	29,114	0	34,136	51,908	11,204	0	801,342
Other professional, scientific and technical activities	19	583,206	63,414	4,000	183,658	6,050	280	0	325,804

Table A.26: Purchases and other operating cost in the service sector in Upper West region (Cont'd)

Sector	No. of Establishments	Total GH¢	Material and Supplies GH¢	Goods Purchased for Resale GH¢	Fuel Purchased GH¢	Electricity Purchased GH¢	Water Purchased GH¢	Other Purchases GH¢	Other Operating Costs GH¢
Administrative and support service activities	83	622,373	386,800	15,233	16,063	43,620	5,393	0	155,264
Rental and leasing activities	10	49,666	25,360	0	3,746	690	0	0	19,870
Travel agency, tour operator, reservation service and related activities	1	23,955	519	0	1,826	0	183	0	21,427
Security and investigation activities	2	35,342	19,812	0	1,560	600	180	0	13,190
Office administrative, office support and other business support activities	70	513,410	341,109	15,233	8,931	42,330	5,030	0	100,777
Education	283	8,281,667	3,863,047	85,018	1,205,929	119,222	86,612	69,954	2,851,885
Education	283	8,281,667	3,863,047	85,018	1,205,929	119,222	86,612	69,954	2,851,885
Human health and social work activities	94	8,877,607	4,815,140	48,500	611,409	338,416	24,094	21,105	3,018,943
Human health activities	78	7,760,117	4,643,620	48,500	332,456	316,606	17,567	21,105	2,380,263
Residential care activities	1	15,758	1,828	0	810	2,206	0	0	10,914
Social work activities without accommodation	15	1,101,733	169,693	0	278,143	19,604	6,527	0	627,766
Arts, entertainment and recreation	22	763,806	731,230	0	8,487	4,065	359	0	19,665
Libraries, archives, museums and other cultural activities	2	7,032	0	0	660	840	240	0	5,292
Gambling and betting activities	17	748,992	730,755	0	7,471	1,725	15	0	9,026
Sports activities and amusement and recreation activities	3	7,782	475	0	356	1,500	104	0	5,347
Other service activities	1,699	5,577,709	2,783,633	870,809	241,675	344,831	128,155	141,474	1,067,132
Activities of membership organizations	727	950,929	216,557	0	118,636	80,991	29,736	40	504,969
Repair of computers and personal and household goods	133	1,053,969	664,295	42,125	50,356	40,900	7,719	123,519	125,055
Other personal service activities	839	3,572,815	1,902,782	828,684	72,684	222,941	90,700	17,916	437,108

Table A.27: Trading account of businesses in all the sub-sectors by size

Service Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold (GH¢)	Input Cost GH¢	Gross Profit GH¢
All Sectors	535,337	3,102,917	456,995,817,643	156,067,708,114	153,836,888,724	300,928,111,365
Agriculture Sector	3,033	54,267	5,478,752,350	2,104,020,445	2,047,225,556	3,374,731,905
Crop and animal production, hunting and related service activities	2,859	51,155	5,162,575,474	2,038,370,779	1,995,162,191	3,124,204,686
Large-Sized Businesses	135	27,179	337,556,209	97,203,289	98,569,148	240,352,921
Medium-Sized Businesses	116	5,935	1,437,988,991	1,014,853,436	986,350,079	423,135,554
Small-Sized Businesses	1,139	13,306	2,455,745,796	424,784,406	411,110,475	2,030,961,382
Micro-Sized Businesses	1,469	4,735	931,284,478	501,529,649	499,132,489	429,754,828
Forestry and logging	38	697	9,292,546	2,854,339	1,637,750	6,438,208
Large-Sized Businesses	1	252	22,949	14,653	6,044	8,296
Medium-Sized Businesses	1	33	720,000	43,200	43,200	676,800
Small-Sized Businesses	23	389	8,372,146	2,716,422	1,527,448	5,655,724
Micro-Sized Businesses	13	23	177,451	80,064	61,058	97,388
Fishing and aquaculture	136	2,415	306,884,331	62,795,327	50,425,616	244,089,011
Large-Sized Businesses	4	714	175,241,602	21,946,220	8,970,010	153,295,385
Medium-Sized Businesses	10	565	104,836,208	29,947,613	30,304,545	74,888,595
Small-Sized Businesses	55	920	21,748,624	8,604,207	8,748,812	13,144,418
Micro-Sized Businesses	67	217	5,057,897	2,297,287	2,402,249	2,760,613
Industry Sector	106,330	734,341	133,143,455,689	47,082,575,875	47,089,141,948	86,060,880,062
Mining and quarrying	293	48,977	26,587,745,050	3,069,202,475	2,943,976,208	23,518,542,615
Large-Sized Businesses	43	43,105	16,326,415,663	1,998,726,333	2,005,530,334	14,327,689,408
Medium-Sized Businesses	65	3,654	8,081,857,876	816,337,287	691,708,869	7,265,520,515
Small-Sized Businesses	144	2,069	2,164,928,820	253,198,417	245,786,699	1,911,730,437
Micro-Sized Businesses	41	149	14,542,691	940,438	950,306	13,602,254
Manufacturing	101,789	570,327	44,996,873,671	16,762,603,586	16,539,757,596	28,234,270,274
Large-Sized Businesses	215	80,040	24,551,715,038	9,427,539,834	9,246,836,727	15,124,175,287
Medium-Sized Businesses	818	39,556	6,243,961,377	2,255,288,737	2,389,070,393	3,988,672,636
Small-Sized Businesses	25,171	253,318	11,599,127,420	4,102,948,670	4,017,370,271	7,496,179,059
Micro-Sized Businesses	75,585	197,413	2,602,069,837	976,826,345	886,480,206	1,625,243,292

Table A.27: Trading account of businesses in all the sub-sectors by size (Cont'd)

Service Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold (GH¢)	Input Cost GH¢	Gross Profit GH¢
Electricity, gas, steam and air conditioning supply	327	18,063	6,651,300,697	1,622,763,778	1,830,332,687	5,028,536,944
Large-Sized Businesses	25	13,642	6,037,676,650	1,451,200,900	1,656,126,439	4,586,475,776
Medium-Sized Businesses	5	309	161,483,449	76,420,299	78,703,501	85,063,150
Small-Sized Businesses	271	4,072	429,050,701	80,340,173	80,701,390	348,710,528
Micro-Sized Businesses	26	40	23,089,897	14,802,406	14,801,356	8,287,491
Water supply; sewerage, waste management and remediation activities	507	25,407	1,131,153,296	115,611,944	125,801,435	1,015,541,326
Large-Sized Businesses	43	18,738	839,859,195	102,007,572	112,271,755	737,851,602
Medium-Sized Businesses	55	3,563	67,405,156	6,238,649	6,208,716	61,166,508
Small-Sized Businesses	197	2,550	216,585,877	6,231,099	6,172,186	210,354,773
Micro-Sized Businesses	212	556	7,303,067	1,134,624	1,148,779	6,168,443
Construction	3,414	71,567	53,776,382,976	25,512,394,092	25,649,274,023	28,263,988,904
Large-Sized Businesses	77	23,027	10,147,863,442	5,334,558,908	5,324,674,576	4,813,304,533
Medium-Sized Businesses	359	18,328	12,612,430,669	4,697,051,755	4,682,444,500	7,915,378,937
Small-Sized Businesses	1,910	26,608	30,652,760,219	15,304,905,032	15,472,017,356	15,347,855,185
Micro-Sized Businesses	1,068	3,604	363,328,646	175,878,397	170,137,591	187,450,249
Service Sector	425,974	2,314,309	318,373,609,604	106,881,111,794	104,700,521,220	211,492,499,398
Wholesale and retail trade; repair of motor vehicles and motorcycles	236,523	778,587	175,098,102,358	93,953,196,380	91,892,124,609	81,144,907,259
Large-Sized Businesses	79	21,250	13,811,237,932	8,070,410,374	7,707,920,801	5,740,827,546
Medium-Sized Businesses	854	37,214	44,545,781,769	22,949,111,710	22,239,271,066	21,596,670,111
Small-Sized Businesses	26,130	253,829	67,950,798,618	40,566,980,058	40,225,216,428	27,383,818,919
Micro-Sized Businesses	209,460	466,295	48,790,284,039	22,366,694,238	21,719,716,315	26,423,590,683
Transportation and storage	2,303	41,292	8,418,963,880	2,060,832,389	2,061,593,001	6,358,131,495
Large-Sized Businesses	47	12,700	3,337,741,101	1,557,378,233	1,557,732,984	1,780,362,880
Medium-Sized Businesses	215	10,485	2,204,774,985	307,556,879	309,612,115	1,897,218,109
Small-Sized Businesses	1,197	15,788	1,849,915,866	175,442,821	173,730,368	1,674,473,042
Micro-Sized Businesses	844	2,319	1,026,531,928	20,454,456	20,517,534	1,006,077,464

Table A.27: Trading account of businesses in all the sub-sectors by size (Cont'd)

Service Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold (GH¢)	Input Cost GH¢	Gross Profit GH¢
Accommodation and food service activities	44,654	227,588	8,016,746,590	2,386,820,743	2,354,058,581	5,629,926,169
Large-Sized Businesses	30	6,714	659,369,986	131,635,856	132,321,047	527,734,135
Medium-Sized Businesses	747	40,083	2,209,820,378	605,547,657	594,822,695	1,604,272,721
Small-Sized Businesses	7,595	80,612	2,380,483,585	725,064,734	720,560,653	1,655,418,825
Micro-Sized Businesses	36,283	100,180	2,767,072,641	924,572,497	906,354,185	1,842,500,488
Information and communication	3,145	29,733	9,129,162,501	430,799,773	446,151,127	8,698,362,717
Large-Sized Businesses	34	9,936	7,508,329,937	180,945,298	193,940,942	7,327,384,565
Medium-Sized Businesses	131	5,771	928,809,130	89,638,339	90,519,141	839,170,799
Small-Sized Businesses	692	8,400	608,239,099	147,560,463	149,276,664	460,678,639
Micro-Sized Businesses	2,289	5,625	83,784,336	12,655,672	12,414,380	71,128,714
Financial and insurance activities	6,075	223,389	90,796,340,643	3,738,779,864	3,729,351,554	87,057,560,320
Large-Sized Businesses	299	139,449	46,825,608,232	1,755,571,630	1,755,350,382	45,070,036,465
Medium-Sized Businesses	627	31,455	9,397,221,762	286,786,910	278,308,113	9,110,434,835
Small-Sized Businesses	3,172	46,357	15,398,440,876	694,061,147	695,559,841	14,704,379,386
Micro-Sized Businesses	1,977	6,129	19,175,069,772	1,002,360,177	1,000,133,219	18,172,709,635
Real estate activities	413	7,408	1,890,315,619	505,457,354	482,941,461	1,384,858,252
Large-Sized Businesses	10	1,859	289,457,104	22,444,783	22,444,783	267,012,320
Medium-Sized Businesses	65	2,760	548,795,272	114,852,666	96,754,317	433,942,610
Small-Sized Businesses	181	2,205	1,028,129,623	365,236,967	360,838,424	662,892,640
Micro-Sized Businesses	158	585	23,933,620	2,922,937	2,903,937	21,010,683

Table A.27: Trading account of businesses in all the sub-sectors by size (Cont'd)

Service Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Professional, scientific and technical activities	4,598	39,921	2,354,192,944	382,704,138	384,778,495	1,971,488,798
Large-Sized Businesses	14	3,204	153,583,761	4,428,158	4,456,109	149,155,605
Medium-Sized Businesses	105	4,875	501,986,905	112,255,721	114,663,829	389,731,182
Small-Sized Businesses	2,271	24,814	1,544,515,096	219,345,648	219,524,361	1,325,169,445
Micro-Sized Businesses	2,208	7,027	154,107,182	46,674,611	46,134,196	107,432,566
Administrative and support service activities	5,151	88,022	1,416,097,902	157,921,235	189,708,538	1,258,176,672
Large-Sized Businesses	85	60,766	217,449,677	11,131,194	11,155,532	206,318,487
Medium-Sized Businesses	137	7,476	255,450,712	26,635,317	53,800,436	228,815,393
Small-Sized Businesses	820	8,663	691,293,513	79,490,131	85,395,464	611,803,381
Micro-Sized Businesses	4,109	11,118	251,904,000	40,664,593	39,357,106	211,239,411
Education	16,567	308,944	6,424,096,188	248,473,035	244,997,750	6,175,623,159
Large-Sized Businesses	95	13,595	365,187,774	27,607,759	28,751,476	337,580,020
Medium-Sized Businesses	2,383	103,929	4,779,000,423	85,714,084	84,203,464	4,693,286,342
Small-Sized Businesses	12,017	183,790	1,131,146,916	127,433,960	124,433,604	1,003,712,952
Micro-Sized Businesses	2,072	7,630	148,761,075	7,717,232	7,609,206	141,043,845
Human health and social work activities	3,274	75,171	6,033,432,138	1,422,660,017	1,396,984,178	4,610,772,297
Large-Sized Businesses	104	24,616	585,921,974	116,123,536	101,996,201	469,798,436
Medium-Sized Businesses	479	24,988	2,832,249,338	552,901,131	553,321,579	2,279,348,250
Small-Sized Businesses	1,678	22,225	2,510,676,500	735,856,830	723,450,671	1,774,819,749
Micro-Sized Businesses	1,012	3,341	104,584,326	17,778,519	18,215,728	86,805,862
Arts, entertainment and recreation	4,657	16,385	428,364,120	59,228,950	59,106,869	369,135,161
Large-Sized Businesses	17	3,665	43,113,726	8,608,612	8,608,612	34,505,114
Medium-Sized Businesses	31	1,373	21,456,367	2,814,314	2,801,710	18,642,052
Small-Sized Businesses	287	3,783	216,097,056	33,830,135	33,792,845	182,266,917
Micro-Sized Businesses	4,323	7,565	147,696,971	13,975,889	13,903,701	133,721,077
Other service activities	98,614	477,868	8,367,794,722	1,534,237,918	1,458,725,057	6,833,557,099
Large-Sized Businesses	54	10,703	186,878,841	69,628,098	69,628,098	117,250,743
Medium-Sized Businesses	541	29,392	249,190,547	14,421,368	13,988,382	234,769,182
Small-Sized Businesses	26,433	266,094	3,696,109,746	596,693,612	532,953,628	3,099,416,158
Micro-Sized Businesses	71,586	171,679	4,235,615,588	853,494,840	842,154,949	3,382,121,016

Table A.28: Trading account of businesses in the agriculture sector

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors - National	535,337	3,102,917	456,995,817,643	156,067,708,114	153,836,888,724	300,928,111,365
Agriculture, forestry and fishing	3,033	54,267	5,478,752,350	2,104,020,445	2,047,225,559	3,374,731,905
Crop and animal production, hunting and related service activities	2,859	51,155	5,162,575,474	2,038,370,779	1,995,162,195	3,124,204,686
Forestry and logging	38	697	9,292,546	2,854,339	1,637,750	6,438,208
Fishing and aquaculture	136	2,415	306,884,331	62,795,327	50,425,614	244,089,011

Table A.29: Trading account of businesses in the agriculture sector in Western region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors - Western	58,977	318,698	33,873,323,931	9,984,617,423	9,962,753,626	23,888,706,369
Agriculture, forestry and fishing	708	17,305	1,525,128,522	332,143,861	330,156,069	1,192,984,658
Crop and animal production, hunting and related service activities	700	17,221	1,524,917,545	332,032,635	330,043,889	1,192,884,907
Forestry and logging	4	67	77,321	28,040	28,040	49,281
Fishing and aquaculture	4	17	133,656	83,186	84,140	50,470

Table A.30: Trading account of businesses in the agriculture sector in Central region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors - Central	46,177	205,913	9,455,445,587	3,495,791,934	3,482,569,169	5,959,654,124
Agriculture, forestry and fishing	153	3,154	60,741,626	15,222,270	15,313,074	45,519,363
Crop and animal production, hunting and related service activities	147	3,113	60,300,811	15,143,115	15,234,761	45,157,703
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	6	41	440,815	79,155	78,313	361,660

Table A.31: Trading account of businesses in the agriculture sector in Greater Accra region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors - Greater Accra	135,470	1,115,768	311,964,817,457	98,248,369,740	96,447,260,172	213,716,448,155
Agriculture, forestry and fishing	241	6,036	555,748,814	209,196,008	195,635,511	346,552,811
Crop and animal production, hunting and related service activities	201	4,527	270,874,923	156,331,486	155,354,036	114,543,438
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	39	1,509	284,873,891	52,864,522	40,281,475	232,009,373

Table A.32: Trading account of businesses in the agriculture sector in Volta region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors - Volta	39,527	157,131	5,476,783,181	2,678,112,184	2,659,293,756	2,798,671,382
Agriculture, forestry and fishing	232	3,737	41,992,281	20,256,525	20,569,301	21,735,761
Crop and animal production, hunting and related service activities	220	3,442	38,832,202	18,119,649	18,467,254	20,712,556
Forestry and logging	4	36	304,990	73,635	76,169	231,355
Fishing and aquaculture	8	259	2,855,089	2,063,241	2,025,878	791,850

Table A.33: Trading account of businesses in the agriculture sector in Eastern region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors - Eastern	49,217	221,835	14,478,794,798	5,227,334,002	5,106,969,540	9,251,461,041
Agriculture, forestry and fishing	325	5,818	108,700,476	35,689,089	35,488,935	73,011,389
Crop and animal production, hunting and related service activities	301	5,356	91,599,797	27,932,054	27,295,467	63,667,744
Forestry and logging	7	136	1,677,377	681,512	682,662	995,865
Fishing and aquaculture	17	326	15,423,302	7,075,523	7,510,806	8,347,780

Table A.34: Trading account of businesses in the agriculture sector in Ashanti region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors - Ashanti	98,839	523,308	51,954,733,866	21,386,291,729	21,393,642,894	30,568,442,139
Agriculture, forestry and fishing	549	10,549	1,657,080,704	391,751,133	378,250,507	1,265,329,550
Crop and animal production, hunting and related service activities	538	10,131	1,649,963,573	389,382,720	377,251,990	1,260,580,832
Forestry and logging	8	375	6,361,073	1,956,703	755,506	4,404,370
Fishing and aquaculture	3	44	756,059	411,711	243,011	344,348

Table A.35: Trading account of businesses in the agriculture sector in Brong Ahafo region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors - Brong Ahafo	44,405	231,590	11,838,806,427	5,567,563,880	5,578,764,595	6,271,242,800
Agriculture, forestry and fishing	575	4,636	251,542,217	125,985,580	126,760,219	125,556,638
Crop and animal production, hunting and related service activities	546	4,478	249,955,810	125,662,719	126,472,430	124,293,091
Forestry and logging	13	70	871,785	114,449	95,373	757,337
Fishing and aquaculture	16	88	714,622	208,412	192,416	506,210

Table A.36: Trading account of businesses in the agriculture sector in Northern region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors -Northern	35,917	188,709	10,556,820,135	6,515,796,381	6,296,690,129	4,041,023,809
Agriculture, forestry and fishing	202	2,228	1,273,067,897	971,088,754	942,436,465	301,979,148
Crop and animal production, hunting and related service activities	158	2,084	1,271,398,600	971,088,354	942,436,465	300,310,251
Forestry and logging	2	14	0	0	0	0
Fishing and aquaculture	42	130	1,669,297	400	0	1,668,897

Table A.37: Trading account of businesses in the agriculture sector in Upper East region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sector -Upper East	14,282	89,551	4,869,213,850	1,798,958,745	1,773,881,433	3,070,255,155
Agriculture, forestry and fishing	20	305	1,745,780	953,063	996,730	792,718
Crop and animal production, hunting and related service activities	20	305	1,745,780	953,063	996,730	792,718
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0

Table A.38: Trading account of businesses in the agriculture sector in Upper West region

Detailed ISIC level 2 groups	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
All Sectors -Upper West	12,526	50,415	2,527,078,411	1,164,872,097	1,135,063,411	1,362,206,391
Agriculture, forestry and fishing	30	499	3,004,031	1,734,162	1,618,746	1,269,868
Crop and animal production, hunting and related service activities	29	497	2,986,431	1,724,985	1,609,169	1,261,445
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	1	2	17,600	9,177	9,577	8,423

Table A.39: Trading account of businesses in the industry sector

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
National - All Sectors	535,337	3,102,917	456,995,817,643	156,067,708,114	153,836,888,724	300,928,111,365
Industry Sector	106,330	734,341	133,143,455,689	47,082,575,875	47,089,141,948	86,060,880,062
Mining and quarrying	293	48,977	26,587,745,050	3,069,202,475	2,943,976,208	23,518,542,615
Extraction of crude petroleum and natural gas	6	1,127	7,773,034,826	1,004,673,925	1,004,975,723	6,768,360,838
Mining of metal ores	129	40,358	12,605,727,056	1,490,035,848	1,493,389,339	11,115,691,305
Other mining and quarrying	102	4,083	1,186,416,216	121,041,462	75,096,740	1,065,374,766
Mining support service activities	56	3,410	5,022,566,952	453,451,240	370,514,406	4,569,115,706
Manufacturing	101,789	570,327	44,996,873,671	16,762,603,586	16,539,757,596	28,234,270,274
Manufacture of food products	17,471	96,405	12,322,962,814	4,863,556,691	4,926,667,737	7,459,406,300
Manufacture of beverages	2,328	24,494	3,579,753,874	1,173,846,598	604,300,031	2,405,907,288
Manufacture of textiles	2,596	22,608	776,902,287	206,132,191	210,689,651	570,770,097
Manufacture of wearing apparel	49,812	198,402	1,360,517,412	414,274,341	358,758,370	946,242,944
Manufacture of leather and related products	3,441	14,414	389,516,491	154,611,139	134,249,185	234,905,351
Manufacture of wood and of products of wood and cork, except furniture;	2,065	32,889	1,685,479,151	469,538,994	463,856,314	1,215,940,165
Manufacture of paper and paper products	288	5,026	625,620,588	195,992,050	198,080,051	429,628,543
Printing and reproduction of recorded media	1,689	12,357	722,707,907	135,805,457	132,476,453	586,902,463
Manufacture of coke and refined petroleum products	10	1,253	2,729,598,278	902,959,826	898,556,405	1,826,638,452
Manufacture of chemicals and chemical products	344	16,282	2,125,282,865	749,844,602	869,770,499	1,375,438,300
Manufacture of pharmaceuticals, medicinal chemical and botanical products	131	5,431	407,147,567	127,368,769	135,446,440	279,778,800
Manufacture of rubber and plastics products	202	10,053	2,293,134,287	567,044,116	741,901,596	1,726,090,177
Manufacture of other non-metallic mineral products	1,845	16,247	1,715,401,499	818,823,211	786,203,081	896,578,265
Manufacture of basic metals	383	6,284	3,800,678,123	1,950,705,384	1,990,893,867	1,849,972,740
Manufacture of fabricated metal products, except machinery and equipment	7,984	51,840	2,698,769,580	953,809,424	1,014,587,773	1,744,960,241
Manufacture of computer, electronic and optical products	123	699	111,515,634	73,253,442	75,333,193	38,262,193
Manufacture of electrical equipment	129	1,622	2,029,464,703	1,014,871,910	1,018,318,057	1,014,592,793
Manufacture of machinery and equipment n.e.c.	360	2,421	77,205,788	34,131,891	33,413,718	43,073,895

Table A.39: Trading account of businesses in the industry sector (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of motor vehicles, trailers and semi-trailers	353	1,551	32,060,416	20,560,432	19,609,990	11,499,984
Manufacture of other transport equipment	96	332	8,195,238	5,906,495	5,450,751	2,288,743
Manufacture of furniture	7,088	34,527	769,518,641	305,503,002	293,222,099	464,015,644
Other manufacturing	1,078	7,129	4,587,550,982	1,581,748,980	1,586,933,549	3,005,801,986
Repair and installation of machinery and equipment	1,971	8,060	147,889,547	42,314,642	41,038,787	105,574,912
Electricity, gas, steam and air conditioning supply	327	18,063	6,651,300,697	1,622,763,778	1,830,332,687	5,028,536,944
Electricity, gas, steam and air-conditioning supply	327	18,063	6,651,300,697	1,622,763,778	1,830,332,687	5,028,536,944
Water supply; sewerage, waste management	507	25,407	1,131,153,296	115,611,944	125,801,435	1,015,541,326
Water collection, treatment and supply	334	8,949	572,142,404	99,165,799	104,332,402	472,976,592
Sewerage	6	70	4,635,584	656,282	521,092	3,979,302
Waste collection, treatment and disposal activities; materials recovery	167	16,387	554,375,308	15,789,864	20,947,942	538,585,431
Construction	3,414	71,567	53,776,382,976	25,512,394,092	25,649,274,023	28,263,988,904
Construction of buildings	1,464	37,320	39,810,062,360	18,609,100,912	18,727,983,746	21,200,961,468
Civil engineering	500	20,316	11,577,451,815	5,720,462,228	5,739,059,508	5,856,989,584
Specialized construction activities	1,450	13,931	2,388,868,800	1,182,830,952	1,182,230,768	1,206,037,851

Table A.40: Trading account of businesses in the industry sector in Western region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Western -All Sectors	58,977	318,698	33,873,323,931	9,984,617,423	9,962,753,626	23,888,706,369
Industry Sector	10,420	86,062	19,323,933,177	3,022,866,973	3,172,922,251	16,301,066,047
Mining and quarrying	118	30,120	16,421,107,701	2,323,598,022	2,309,549,475	14,097,509,708
Extraction of crude petroleum and natural gas	5	1,048	7,732,683,710	1,003,355,333	1,003,355,333	6,729,328,314
Mining of metal ores	77	28,222	7,845,673,906	1,263,734,902	1,260,311,244	6,581,939,059
Other mining and quarrying	28	330	66,131,463	8,263,364	9,222,767	57,868,101
Mining support service activities	7	520	776,618,621	48,244,424	36,660,132	728,374,233
Manufacturing	10,061	51,167	2,234,958,703	441,684,655	607,685,456	1,793,273,863
Manufacture of food products	1,890	10,064	447,079,716	108,213,687	90,034,895	338,866,028
Manufacture of beverages	81	1,115	37,662,665	15,815,793	14,868,028	21,846,871
Manufacture of textiles	57	205	6,374,950	4,519,735	4,290,070	1,855,215
Manufacture of wearing apparel	5,054	19,207	113,984,258	36,769,465	34,599,826	77,214,591
Manufacture of leather and related products	507	1,521	53,104,198	19,839,119	19,603,519	33,265,078
Manufacture of wood and of products of wood and cork, except furniture;	181	7,707	155,581,211	38,074,023	28,569,639	117,507,200
Manufacture of paper and paper products	2	18	799,700	492,600	494,000	307,100
Printing and reproduction of recorded media	57	225	4,309,334	1,655,936	1,897,008	2,653,397
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	13	159	4,834,209	3,095,153	2,431,538	1,739,055
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3	36	1,399,780	147,318	48,618	1,252,462
Manufacture of rubber and plastics products	5	615	1,075,536,851	51,396,825	255,662,647	1,024,140,027
Manufacture of other non-metallic mineral products	193	1,499	127,414,941	86,743,215	84,110,162	40,671,721
Manufacture of basic metals	52	257	29,246,971	6,509,173	5,468,825	22,737,800
Manufacture of fabricated metal products, except machinery and equipment	481	2,672	60,731,401	16,710,672	15,854,812	44,020,739
Manufacture of computer, electronic and optical products	3	3	74,950	53,237	53,937	21,713
Manufacture of electrical equipment	2	6	286,000	40,418	39,360	245,582
Manufacture of machinery and equipment n.e.c.	10	68	1,522,503	524,860	524,568	997,644

Table A.40: Trading account of businesses in the industry sector in Western region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of motor vehicles, trailers and semi-trailers	14	92	1,758,567	935,632	929,108	822,934
Manufacture of other transport equipment	6	77	4,766,000	3,612,500	3,612,500	1,153,500
Manufacture of furniture	1,108	4,913	91,132,737	39,463,799	37,511,424	51,668,938
Other manufacturing	15	93	399,924	225,168	247,429	174,757
Repair and installation of machinery and equipment	328	613	16,957,837	6,846,327	6,833,544	10,111,512
Electricity, gas, steam and air conditioning supply	16	1,007	246,468,516	57,113,021	57,375,417	189,355,492
Electricity, gas, steam and air conditioning supply	16	1,007	246,468,516	57,113,021	57,375,417	189,355,492
Water supply; sewerage, waste management	48	953	4,320,141	795,599	723,111	3,524,542
Water collection, treatment and supply	42	255	3,351,525	541,900	469,479	2,809,625
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	6	698	968,616	253,699	253,632	714,917
Construction	178	2,815	417,078,117	199,675,676	197,588,793	217,402,443
Construction of buildings	76	1,664	144,129,320	74,589,348	71,069,923	69,539,972
Civil engineering	30	502	124,044,301	59,457,525	59,090,129	64,586,776
Specialized construction activities	71	650	148,904,495	65,628,803	67,428,740	83,275,695

Table A.41: Trading account of businesses in the industry sector in Central region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Central -All Sectors	46,177	205,913	9,455,445,587	3,495,791,934	3,482,569,169	5,959,654,124
Industry Sector	8,396	42,316	1,663,210,611	496,284,090	494,554,904	1,166,926,506
Mining and quarrying	8	489	231,915,685	3,057,284	3,309,169	228,858,401
Extraction of crude petroleum and natural gas	1	79	40,351,116	1,318,592	1,620,390	39,032,524
Mining of metal ores	2	199	182,116,938	7,000	6,000	182,109,938
Other mining and quarrying	5	211	9,447,631	1,731,692	1,682,779	7,715,939
Mining support service activities	0	0	0	0	0	0
Manufacturing	8,218	39,696	1,091,302,761	353,377,655	353,986,442	737,925,096
Manufacture of food products	1,166	8,013	150,105,550	52,747,544	52,437,941	97,358,006
Manufacture of beverages	522	2,042	67,750,472	15,229,694	14,927,462	52,520,778
Manufacture of textiles	236	626	3,392,823	1,127,462	1,139,723	2,265,361
Manufacture of wearing apparel	3,956	14,829	72,322,353	21,685,143	20,263,525	50,637,184
Manufacture of leather and related products	64	171	2,696,158	644,148	629,843	2,052,013
Manufacture of wood and of products of wood and cork, except furniture;	154	1,048	17,826,326	5,548,777	3,917,877	12,277,549
Manufacture of paper and paper products	15	150	41,271,389	2,754,947	2,156,522	38,516,442
Printing and reproduction of recorded media	114	520	3,482,347	1,372,618	1,258,458	2,109,731
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	22	4,282	60,318,162	9,802,777	15,768,797	50,515,385
Manufacture of pharmaceuticals, medicinal chemical and botanical products	28	209	1,292,483	377,616	361,500	914,867
Manufacture of rubber and plastics products	4	15	266,518	60,906	58,952	205,612
Manufacture of other non-metallic mineral products	127	815	19,868,151	6,143,389	6,139,701	13,724,763
Manufacture of basic metals	106	367	542,546,553	185,170,694	185,804,466	357,375,861
Manufacture of fabricated metal products, except machinery and equipment	461	2,554	56,717,060	22,376,381	22,066,409	34,340,674
Manufacture of computer, electronic and optical products	3	12	56,120	22,528	22,144	33,592
Manufacture of electrical equipment	3	22	136,500	75,354	75,254	61,146
Manufacture of machinery and equipment n.e.c.	104	664	18,227,155	11,384,149	11,349,465	6,843,006

Table A.41: Trading account of businesses in the industry sector in Central region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of motor vehicles, trailers and semi-trailers	26	86	673,781	266,034	288,163	407,747
Manufacture of other transport equipment	1	5	31,500	23,675	23,175	7,825
Manufacture of furniture	777	2,333	20,270,430	10,419,076	9,628,424	9,851,366
Other manufacturing	185	496	10,083,042	5,624,671	5,374,213	4,458,370
Repair and installation of machinery and equipment	144	435	1,967,888	520,071	294,427	1,447,816
Electricity, gas, steam and air conditioning supply	9	641	110,419,829	21,081,695	21,081,955	89,338,130
Electricity, gas, steam and air conditioning supply	9	641	110,419,829	21,081,695	21,081,955	89,338,130
Water supply; sewerage, waste management	17	212	2,046,185	523,699	521,638	1,522,487
Water collection, treatment and supply	17	212	2,046,185	523,699	521,638	1,522,487
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0
Construction	144	1,278	227,526,151	118,243,758	115,655,700	109,282,392
Construction of buildings	54	836	141,166,971	74,142,860	71,742,570	67,024,110
Civil engineering	29	196	77,110,449	39,711,096	39,609,464	37,399,353
Specialized construction activities	61	246	9,248,731	4,389,802	4,303,666	4,858,929

Table A.42: Trading account of businesses in the industry sector in Greater Accra region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Greater Accra -All Sectors	135,470	1,115,768	311,964,817,457	98,248,369,740	96,447,260,172	213,716,448,155
Industry Sector	23,976	238,580	86,566,109,747	34,775,924,622	34,881,191,498	51,790,185,220
Mining and quarrying	82	5,362	5,695,908,042	477,642,174	404,164,300	5,218,265,807
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	12	496	883,614,403	19,964,995	23,712,953	863,649,379
Other mining and quarrying	21	1,985	566,352,971	52,470,843	46,597,553	513,882,138
Mining support service activities	48	2,881	4,245,940,669	405,206,336	333,853,794	3,840,734,291
Manufacturing	21,956	162,569	29,759,723,093	11,667,171,515	11,400,000,680	18,092,551,689
Manufacture of food products	1,658	18,127	5,328,023,529	2,370,466,456	2,458,933,173	2,957,557,076
Manufacture of beverages	238	9,625	2,946,304,536	977,466,186	451,921,909	1,968,838,365
Manufacture of textiles	136	2,046	242,338,047	118,020,007	124,071,660	124,318,043
Manufacture of wearing apparel	13,048	47,099	596,868,549	177,170,463	142,869,053	419,698,076
Manufacture of leather and related products	334	2,205	24,765,041	7,196,984	4,149,902	17,568,057
Manufacture of wood and of products of wood and cork, except furniture;	200	1,755	108,427,664	18,459,511	17,947,292	89,968,154
Manufacture of paper and paper products	171	3,021	556,913,473	184,542,619	189,662,750	372,370,860
Printing and reproduction of recorded media	609	6,778	628,243,546	113,633,585	111,644,594	514,609,963
Manufacture of coke and refined petroleum products	9	1,231	2,722,973,493	899,914,463	896,269,772	1,823,059,030
Manufacture of chemicals and chemical products	149	10,147	1,990,411,242	701,789,495	826,063,549	1,288,621,746
Manufacture of pharmaceuticals, medicinal chemical and botanical products	37	2,396	230,649,586	88,524,860	88,955,252	142,124,727
Manufacture of rubber and plastics products	153	9,188	1,210,149,802	511,542,808	482,297,625	698,607,000
Manufacture of other non-metallic mineral products	789	8,712	999,991,377	344,927,437	330,730,253	655,063,927
Manufacture of basic metals	131	4,764	3,138,552,245	1,720,206,672	1,750,061,269	1,418,345,570
Manufacture of fabricated metal products, except machinery and equipment	2,331	19,666	1,945,559,010	653,657,486	736,360,275	1,291,901,627
Manufacture of computer, electronic and optical products	45	473	107,987,715	71,821,757	73,978,192	36,165,958
Manufacture of electrical equipment	79	1,221	2,026,528,248	1,013,893,280	1,017,346,347	1,012,634,967
Manufacture of machinery and equipment n.e.c.	18	392	17,546,419	6,363,647	7,347,377	11,182,772

Table A.42: Trading account of businesses in the industry sector in Greater Accra region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of motor vehicles, trailers and semi-trailers	114	364	7,629,188	4,737,079	4,620,950	2,892,109
Manufacture of other transport equipment	3	49	1,084,874	748,033	344,586	336,841
Manufacture of furniture	1,205	8,164	334,206,835	114,157,789	110,921,256	220,049,045
Other manufacturing	252	3,247	4,523,318,492	1,556,420,393	1,562,410,732	2,966,898,087
Repair and installation of machinery and equipment	246	1,897	71,250,180	11,510,504	11,092,912	59,739,689
Electricity, gas, steam and air conditioning supply	277	12,698	5,304,841,906	1,247,616,866	1,475,541,395	4,057,225,088
Electricity, gas, steam and air conditioning supply	277	12,698	5,304,841,906	1,247,616,866	1,475,541,395	4,057,225,088
Water supply; sewerage, waste management	164	10,637	892,234,449	95,271,631	100,486,662	796,962,798
Water collection, treatment and supply	77	5,851	347,644,944	85,746,573	85,882,824	261,898,364
Sewerage	4	62	4,622,172	649,763	514,573	3,972,409
Waste collection, treatment and disposal activities; materials recovery	83	4,723	539,967,332	8,875,296	14,089,266	531,092,024
Construction	1,497	47,314	44,913,402,256	21,288,222,436	21,500,998,461	23,625,179,838
Construction of buildings	673	23,822	35,520,223,512	16,690,740,971	16,837,886,355	18,829,482,561
Civil engineering	261	14,932	7,371,056,284	3,588,144,419	3,655,176,051	3,782,911,863
Specialized construction activities	562	8,560	2,022,122,460	1,009,337,046	1,007,936,055	1,012,785,415

Table A.43: Trading account of businesses in the industry sector in Volta region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Volta -All Sectors	39,527	157,131	5,476,783,181	2,678,112,184	2,659,293,756	2,798,671,382
Industry Sector	9,804	41,028	2,647,920,437	1,165,699,385	1,155,046,210	1,482,221,059
Mining and quarrying	7	56	7,536,669	15,509	19,317	7,521,160
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0
Other mining and quarrying	7	56	7,536,669	15,509	19,317	7,521,160
Mining support service activities	0	0	0	0	0	0
Manufacturing	9,254	33,694	914,678,762	406,048,233	397,955,759	508,630,542
Manufacture of food products	2,855	8,328	60,514,720	17,425,500	16,482,750	43,089,232
Manufacture of beverages	321	2,505	144,637,812	26,756,811	26,712,990	117,881,001
Manufacture of textiles	826	3,554	18,869,858	5,493,634	4,953,094	13,376,224
Manufacture of wearing apparel	3,573	11,944	63,776,489	18,145,986	16,419,910	45,630,512
Manufacture of leather and related products	143	212	2,738,417	1,715,748	1,582,790	1,022,669
Manufacture of wood and of products of wood and cork, except furniture;	168	1,761	130,350,316	14,916,893	18,653,635	115,433,423
Manufacture of paper and paper products	1	7	6,386,876	2,161,608	255,720	4,225,268
Printing and reproduction of recorded media	82	334	2,029,625	702,615	702,808	1,327,009
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	2	11	334,000	185,200	180,460	148,800
Manufacture of pharmaceuticals, medicinal chemical and botanical products	7	56	202,449	63,606	47,015	138,843
Manufacture of rubber and plastics products	5	14	207,970	118,766	102,707	89,204
Manufacture of other non-metallic mineral products	63	432	375,811,735	276,462,802	276,188,275	99,348,933
Manufacture of basic metals	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	301	1,049	46,040,404	16,490,728	13,440,588	29,549,667
Manufacture of computer, electronic and optical products	14	34	239,278	107,587	102,809	131,691
Manufacture of electrical equipment	14	78	222,093	81,209	80,155	140,885
Manufacture of machinery and equipment n.e.c.	26	151	2,002,673	686,094	559,528	1,316,579
Manufacture of motor vehicles, trailers and semi-trailers	6	54	147,973	65,114	42,368	82,859

Table A.43: Trading account of businesses in the industry sector in Volta region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of other transport equipment	60	101	1,555,623	906,260	890,736	649,364
Manufacture of furniture	492	2,150	53,273,274	21,073,396	17,931,992	32,199,878
Other manufacturing	13	41	874,838	262,791	240,616	612,047
Repair and installation of machinery and equipment	282	879	4,462,340	2,225,885	2,384,812	2,236,455
Electricity, gas, steam and air conditioning supply	6	559	90,991,844	17,563,762	17,564,020	73,428,084
Electricity, gas, steam and air conditioning supply	6	559	90,991,844	17,563,762	17,564,020	73,428,084
Water supply; sewerage, waste management	52	936	120,702,163	327,256	306,501	120,374,901
Water collection, treatment and supply	35	305	120,122,245	296,147	274,237	119,826,092
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	16	631	579,918	31,109	32,264	548,809
Construction	486	5,783	1,514,010,998	741,744,626	739,200,613	772,266,373
Construction of buildings	287	4,686	1,470,105,644	718,674,702	716,640,097	751,430,943
Civil engineering	21	415	35,952,382	19,041,898	18,531,898	16,910,484
Specialized construction activities	178	683	7,952,972	4,028,026	4,028,618	3,924,945

Table A.44: Trading account of businesses in the industry sector in Eastern region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Eastern -All Sectors	49,217	221,835	14,478,794,798	5,227,334,002	5,106,969,540	9,251,461,041
Industry Sector	10,022	51,954	8,799,454,338	2,177,255,846	2,183,473,971	6,622,198,679
Mining and quarrying	28	5,254	3,012,415,249	174,168,022	175,512,771	2,838,247,286
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	14	4,794	2,953,451,552	167,643,421	167,768,213	2,785,808,190
Other mining and quarrying	14	460	58,963,697	6,524,601	7,744,558	52,439,096
Mining support service activities	0	0	0	0	0	0
Manufacturing	9,826	43,166	5,489,985,425	1,930,888,005	1,935,030,454	3,559,097,549
Manufacture of food products	2,126	11,338	5,031,678,100	1,758,577,451	1,768,698,737	3,273,100,777
Manufacture of beverages	235	2,366	85,692,365	31,860,687	31,496,417	53,831,676
Manufacture of textiles	76	1,360	37,895,313	11,637,045	10,254,585	26,258,268
Manufacture of wearing apparel	4,874	15,239	97,487,822	34,248,540	32,557,336	63,239,282
Manufacture of leather and related products	90	198	3,520,571	955,071	894,671	2,565,500
Manufacture of wood and of products of wood and cork, except furniture;	271	2,285	42,243,678	16,286,136	15,541,302	25,957,542
Manufacture of paper and paper products	4	188	3,206,518	1,013,012	1,491,910	2,193,506
Printing and reproduction of recorded media	119	545	7,296,336	2,378,815	2,383,387	4,917,525
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	11	89	704,669	313,021	277,089	391,648
Manufacture of pharmaceuticals, medicinal chemical and botanical products	23	711	16,287,899	5,673,016	5,313,188	10,614,883
Manufacture of rubber and plastics products	2	22	228,076	100,114	16,860	127,964
Manufacture of other non-metallic mineral products	217	1,327	40,509,662	18,294,965	18,873,831	22,214,696
Manufacture of basic metals	50	151	51,810,489	17,795,103	17,638,914	34,015,386
Manufacture of fabricated metal products, except machinery and equipment	476	1,996	23,628,888	12,769,075	10,963,088	10,859,814
Manufacture of computer, electronic and optical products	13	40	191,762	54,045	56,219	137,718
Manufacture of electrical equipment	10	206	1,375,076	476,294	493,984	898,782
Manufacture of machinery and equipment n.e.c.	48	235	2,038,868	823,137	793,274	1,215,729
Manufacture of motor vehicles, trailers and semi-trailers	16	39	694,930	340,196	337,318	354,733

Table A.44: Trading account of businesses in the industry sector in Eastern region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of other transport equipment	4	6	35,048	11,028	7,828	24,020
Manufacture of furniture	795	3,044	29,864,828	12,421,029	12,117,892	17,443,799
Other manufacturing	288	1,505	11,133,824	4,227,095	4,212,237	6,906,726
Repair and installation of machinery and equipment	80	276	2,460,705	633,130	610,389	1,827,575
Electricity, gas, steam and air conditioning supply	1	596	127,385,296	25,447,576	25,716,270	101,937,720
Electricity, gas, steam and air conditioning supply	1	596	127,385,296	25,447,576	25,716,270	101,937,720
Water supply; sewerage, waste management	29	1,543	2,042,810	219,715	214,671	1,823,095
Water collection, treatment and supply	21	190	1,327,072	49,813	44,549	1,277,259
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	8	1,353	715,738	169,902	170,122	545,836
Construction	138	1,394	167,625,558	46,532,529	46,999,805	121,093,029
Construction of buildings	17	383	32,763,631	18,106,448	17,866,782	14,657,183
Civil engineering	17	442	126,647,699	24,258,729	24,970,766	102,388,968
Specialized construction activities	105	569	8,214,229	4,167,352	4,162,256	4,046,877

Table A.45: Trading account of businesses in the industry sector in Ashanti region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Ashanti - All Sectors	98,839	523,308	51,954,733,866	21,386,291,729	21,393,642,894	30,568,442,139
Industry Sector	20,948	135,261	7,545,820,913	2,549,374,765	2,408,807,169	4,996,446,164
Mining and quarrying	25	6,990	990,046,962	78,844,017	41,526,269	911,202,953
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	12	6,256	705,312,597	31,963,807	34,880,238	673,348,802
Other mining and quarrying	13	734	284,734,365	46,880,210	6,646,031	237,854,151
Mining support service activities	0	0	0	0	0	0
Manufacturing	20,447	119,997	3,243,056,996	1,134,652,816	1,057,221,782	2,108,404,203
Manufacture of food products	2,170	13,424	786,976,831	349,482,272	341,089,656	437,494,595
Manufacture of beverages	195	3,324	248,015,721	85,664,763	44,682,905	162,350,963
Manufacture of textiles	827	12,297	452,227,489	56,009,131	56,982,578	396,218,356
Manufacture of wearing apparel	8,697	35,076	182,586,904	55,769,785	50,003,893	126,817,119
Manufacture of leather and related products	2,075	9,415	294,855,358	120,698,965	103,885,924	174,156,391
Manufacture of wood and of products of wood and cork, except furniture;	575	8,996	276,670,223	79,355,754	82,060,489	197,314,463
Manufacture of paper and paper products	90	1,265	13,127,599	2,817,733	1,937,301	10,309,866
Printing and reproduction of recorded media	561	3,224	71,607,519	14,570,801	13,095,062	57,036,718
Manufacture of coke and refined petroleum products	1	22	6,624,785	3,045,363	2,286,633	3,579,422
Manufacture of chemicals and chemical products	39	488	49,506,676	27,022,058	17,765,917	22,484,618
Manufacture of pharmaceuticals, medicinal chemical and botanical products	31	2,002	156,083,370	32,352,759	40,491,049	123,730,613
Manufacture of rubber and plastics products	25	136	1,807,495	985,084	950,490	822,409
Manufacture of other non-metallic mineral products	242	1,862	33,834,076	16,997,965	16,193,255	16,836,111
Manufacture of basic metals	36	704	34,523,309	19,163,775	30,225,166	15,359,534
Manufacture of fabricated metal products, except machinery and equipment	2,360	14,567	399,344,073	170,098,052	158,740,048	229,246,012
Manufacture of computer, electronic and optical products	36	105	2,245,659	821,069	816,321	1,424,591
Manufacture of electrical equipment	6	64	759,398	231,019	207,383	528,380
Manufacture of machinery and equipment n.e.c.	80	454	21,411,985	6,950,641	5,615,178	14,461,344
Manufacture of motor vehicles, trailers and semi-trailers	142	834	20,020,746	13,823,478	13,024,389	6,197,268

Table A.45: Trading account of businesses in the industry sector in Ashanti region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of other transport equipment	1	4	109,340	78,571	77,100	30,769
Manufacture of furniture	1,281	7,086	116,142,808	53,975,331	53,193,439	62,167,478
Other manufacturing	242	1,446	34,538,843	11,655,863	11,508,520	22,882,979
Repair and installation of machinery and equipment	735	3,201	40,036,789	13,082,586	12,389,087	26,954,202
Electricity, gas, steam and air conditioning supply	2	1,187	454,966,756	87,822,562	87,823,962	367,144,178
Electricity, gas, steam and air conditioning supply	2	1,187	454,966,756	87,822,562	87,823,962	367,144,178
Water supply; sewerage, waste management	81	2,233	25,494,889	13,887,711	19,191,223	11,607,178
Water collection, treatment and supply	66	864	16,811,025	7,909,281	13,217,647	8,901,744
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	15	1,369	8,683,864	5,978,430	5,973,576	2,705,434
Construction	393	4,855	2,832,255,311	1,234,167,659	1,203,043,933	1,598,087,652
Construction of buildings	84	1,782	2,043,017,584	809,096,903	799,183,947	1,233,920,681
Civil engineering	56	1,658	655,707,014	358,484,101	337,730,600	297,222,913
Specialized construction activities	253	1,416	133,530,713	66,586,655	66,129,386	66,944,058

Table A.46: Trading account of businesses in the industry sector in Brong Ahafo region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Brong Ahafo - All Sectors	44,405	231,590	11,838,806,427	5,567,563,880	5,578,764,595	6,271,242,800
Industry Sector	7,506	46,374	1,979,209,105	638,504,255	621,907,526	1,340,704,852
Mining and quarrying	5	312	214,308,479	9,006,671	7,887,863	205,301,811
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	2	170	26,998,518	6,176,655	6,173,623	20,821,862
Other mining and quarrying	3	142	187,309,961	2,830,016	1,714,240	184,479,949
Mining support service activities	0	0	0	0	0	0
Manufacturing	7,327	43,610	1,609,861,365	564,608,246	553,748,576	1,045,253,117
Manufacture of food products	1,283	8,956	332,438,081	139,684,781	134,441,805	192,753,300
Manufacture of beverages	126	748	19,713,236	8,032,146	7,852,817	11,681,090
Manufacture of textiles	15	68	703,320	516,676	500,102	186,644
Manufacture of wearing apparel	3,561	17,076	115,600,068	34,182,371	32,834,483	81,417,698
Manufacture of leather and related products	190	551	6,254,991	2,645,204	2,622,474	3,609,787
Manufacture of wood and of products of wood and cork, except furniture;	330	6,301	923,063,640	288,548,014	289,085,729	634,515,626
Manufacture of paper and paper products	4	367	3,766,882	2,148,028	2,046,680	1,618,854
Printing and reproduction of recorded media	108	527	3,302,049	780,337	790,692	2,521,717
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	16	199	6,551,052	3,756,540	3,534,959	2,794,511
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1	18	1,200,000	227,000	227,000	973,000
Manufacture of rubber and plastics products	3	33	278,948	60,855	65,607	218,093
Manufacture of other non-metallic mineral products	72	554	19,336,128	8,609,279	8,269,017	10,726,844
Manufacture of basic metals	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	680	3,977	91,401,422	34,938,525	32,882,366	56,462,897
Manufacture of computer, electronic and optical products	5	19	660,280	349,605	282,540	310,675
Manufacture of electrical equipment	2	2.4	63,375	18,387	20,343	44,988
Manufacture of machinery and equipment n.e.c.	27	235	5,269,775	4,066,354	3,874,613	1,203,421
Manufacture of motor vehicles, trailers and semi-trailers	29	60	966,248	302,176	299,462	664,071

Table A.46: Trading account of businesses in the industry sector and in Brong Ahafo region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of other transport equipment	1	11	57,410	41,305	42,105	16,105
Manufacture of furniture	721	3,268	63,617,274	25,928,231	24,695,017	37,689,044
Other manufacturing	72	258	5,612,460	2,490,392	2,108,780	3,122,068
Repair and installation of machinery and equipment	82	380	10,004,726	7,282,041	7,271,985	2,722,685
Electricity, gas, steam and air conditioning supply	1	31	7,440,000	1,000	0	7,439,000
Electricity, gas, steam and air conditioning supply	1	31	7,440,000	1,000	0	7,439,000
Water supply; sewerage, waste management	40	902	6,027,544	422,824	420,872	5,604,720
Water collection, treatment and supply	35	410	5,691,868	300,031	296,060	5,391,837
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	5	492	335,676	122,793	124,812	212,883
Construction	133	1,520	141,571,717	64,465,514	59,850,215	77,106,205
Construction of buildings	50	804	77,626,976	32,369,279	29,751,958	45,257,698
Civil engineering	3	126	46,866,308	23,516,991	21,619,992	23,349,317
Specialized construction activities	80	590	17,078,433	8,579,243	8,478,265	8,499,190

Table A.47: Trading account of businesses in the industry sector in Northern region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Northern - All Sectors	35,917	188,709	10,556,820,135	6,515,796,381	6,296,690,129	4,041,023,809
Industry Sector	8,554	52,321	3,620,310,661	1,828,317,924	1,755,744,523	1,791,992,854
Mining and quarrying	1	9	7,662	480	480	7,182
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0
Other mining and quarrying	0	0	0	0	0	0
Mining support service activities	1	9	7,662	480	480	7,182
Manufacturing	8,344	44,922	408,545,230	172,440,380	145,547,945	236,104,968
Manufacture of food products	2,617	10,958	114,922,976	37,819,204	35,055,361	77,103,755
Manufacture of beverages	157	863	11,329,000	4,607,366	3,788,267	6,721,635
Manufacture of textiles	84	531	5,683,393	3,661,377	3,517,401	2,022,016
Manufacture of wearing apparel	4,221	24,794	83,498,865	24,851,228	17,908,479	58,647,737
Manufacture of leather and related products	20	68	1,051,707	633,048	601,485	418,659
Manufacture of wood and of products of wood and cork, except furniture;	71	626	8,332,674	2,712,523	2,510,437	5,620,150
Manufacture of paper and paper products	2	10	148,151	61,504	35,167	86,647
Printing and reproduction of recorded media	20	123	1,704,122	597,279	589,828	1,106,843
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	52	591	8,013,428	1,462,216	1,347,223	6,551,252
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1	4	32,000	2,595	2,820	29,405
Manufacture of rubber and plastics products	3	23	4,548,557	2,732,888	2,699,770	1,815,670
Manufacture of other non-metallic mineral products	91	868	86,761,735	55,543,443	41,863,327	31,218,292
Manufacture of basic metals	2	7	3,300,020	1,630,802	1,451,290	1,669,218
Manufacture of fabricated metal products, except machinery and equipment	477	2,837	34,060,221	14,999,821	13,755,012	19,060,400
Manufacture of computer, electronic and optical products	1	2	11,760	6,233	5,533	5,527
Manufacture of electrical equipment	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	10	64	695,690	438,016	415,802	257,674
Manufacture of motor vehicles, trailers and semi-trailers	4	16	155,054	85,269	62,737	69,785

Table A.47: Trading account of businesses in the industry sector in Northern region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of other transport equipment	13	13	227,302	227,264	218,299	38
Manufacture of furniture	455	2,317	42,367,327	19,553,161	18,940,690	22,814,159
Other manufacturing	2	10	1,291,910	721,959	708,912	569,951
Repair and installation of machinery and equipment	41	199	409,338	93,184	70,106	316,154
Electricity, gas, steam and air conditioning supply	10	1,140	279,721,723	165,070,004	144,044,814	114,651,719
Electricity, gas, steam and air conditioning supply	10	1,140	279,721,723	165,070,004	144,044,814	114,651,719
Water supply; sewerage, waste management	55	3,725	20,564,408	3,803,150	3,652,979	16,761,258
Water collection, treatment and supply	25	691	17,904,118	3,679,594	3,527,554	14,224,524
Sewerage	1	7	637	323	323	314
Waste collection, treatment and disposal activities; materials recovery	30	3,027	2,659,653	123,233	125,102	2,536,419
Construction	144	2,525	2,911,471,638	1,487,003,910	1,462,498,305	1,424,467,728
Construction of buildings	34	647	31,292,289	16,254,902	13,476,985	15,037,386
Civil engineering	47	1,209	2,867,493,770	1,464,140,330	1,442,784,325	1,403,353,440
Specialized construction activities	63	670	12,685,579	6,608,677	6,236,995	6,076,902

Table A.48: Trading account of businesses in the industry sector in Upper East region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Upper East - All Sectors	14,282	89,551	4,869,213,850	1,798,958,745	1,773,881,433	3,070,255,155
Industry Sector	3,802	25,529	482,861,331	168,550,170	164,449,391	314,311,152
Mining and quarrying	15	297	11,563,371	1,705,735	1,967,964	9,857,636
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	9	191	7,998,792	528,318	528,318	7,470,474
Other mining and quarrying	6	106	3,564,579	1,177,417	1,439,646	2,387,162
Mining support service activities	0	0	0	0	0	0
Manufacturing	3,639	19,452	152,566,464	53,572,108	52,021,606	98,994,347
Manufacture of food products	751	3,549	38,378,222	15,330,821	15,607,471	23,047,400
Manufacture of beverages	374	1,479	14,159,292	6,443,586	6,100,525	7,715,699
Manufacture of textiles	247	1,467	6,733,013	3,723,248	3,632,642	3,009,764
Manufacture of wearing apparel	1,730	8,388	20,045,438	5,443,344	5,367,209	14,602,094
Manufacture of leather and related products	12	58	462,100	238,374	235,735	223,725
Manufacture of wood and of products of wood and cork, except furniture;	69	1,965	11,013,282	2,871,198	2,794,786	8,142,084
Manufacture of paper and paper products	0	0	0	0	0	0
Printing and reproduction of recorded media	6	29	502,265	74,084	74,684	428,181
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	34	272	4,326,736	2,253,735	2,250,295	2,073,001
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0
Manufacture of rubber and plastics products	1	5	90,869	30,754	31,938	60,115
Manufacture of other non-metallic mineral products	24	47	3,596,550	504,956	502,506	3,091,594
Manufacture of basic metals	1	6	7,400	0	0	7,400
Manufacture of fabricated metal products, except machinery and equipment	205	1,268	32,797,030	8,299,736	7,141,354	24,497,293
Manufacture of computer, electronic and optical products	0	0	0	0	0	0
Manufacture of electrical equipment	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	37	157	8,490,718	2,894,994	2,933,914	5,595,724
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0

Table A.48: Trading account of businesses in the industry sector in Upper East region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods		Gross Profit GH¢
				Sold GH¢	Input Cost GH¢	
Manufacture of other transport equipment	1	5	27,043	12,841	5,775	14,202
Manufacture of furniture	129	635	11,788,745	5,392,444	5,293,579	6,396,301
Other manufacturing	0	0	0	0	0	0
Repair and installation of machinery and equipment	17	123	147,762	57,993	49,193	89,769
Electricity, gas, steam and air conditioning supply	6	198	29,009,826	1,045,842	1,184,854	27,963,984
Electricity, gas, steam and air conditioning supply	6	198	29,009,826	1,045,842	1,184,854	27,963,984
Water supply; sewerage, waste management	11	4,160	56,746,460	270,075	215,738	56,476,386
Water collection, treatment and supply	6	65	56,269,174	28,477	30,374	56,240,698
Sewerage	1	1	12,775	6,196	6,196	6,579
Waste collection, treatment and disposal activities; materials recovery	4	4,094	464,511	235,402	179,168	229,109
Construction	131	1,422	232,975,210	111,956,410	109,059,229	121,018,799
Construction of buildings	88	1,001	218,267,535	105,501,345	102,571,984	112,766,190
Civil engineering	4	78	4,945,045	2,850,354	2,841,754	2,094,691
Specialized construction activities	39	343	9,762,630	3,604,711	3,645,491	6,157,919

Table A.49: Trading account of businesses in the industry sector in Upper West region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Upper West - All Sectors	12,526	50,415	2,527,078,411	1,164,872,097	1,135,063,411	1,362,206,391
Industry Sector	2,903	14,915	514,625,370	259,797,846	251,044,504	254,827,528
Mining and quarrying	5	88	2,935,230	1,164,560	38,600	1,770,670
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	1	29	560,350	16,750	8,750	543,600
Other mining and quarrying	4	59	2,374,880	1,147,810	29,850	1,227,070
Mining support service activities	0	0	0	0	0	0
Manufacturing	2,717	12,054	92,194,871	38,159,974	36,558,896	54,034,900
Manufacture of food products	956	3,648	32,845,090	13,808,974	13,885,948	19,036,131
Manufacture of beverages	79	427	4,488,775	1,969,566	1,948,714	2,519,209
Manufacture of textiles	92	454	2,684,081	1,423,876	1,347,795	1,260,205
Manufacture of wearing apparel	1,098	4,751	14,346,668	6,008,016	5,934,656	8,338,652
Manufacture of leather and related products	6	15	67,949	44,477	42,841	23,472
Manufacture of wood and of products of wood and cork, except furniture;	47	443	11,970,138	2,766,165	2,775,128	9,203,973
Manufacture of paper and paper products	0	0	0	0	0	0
Printing and reproduction of recorded media	13	51	230,765	39,386	39,932	191,379
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	7	44	282,691	164,407	150,672	118,284
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0
Manufacture of rubber and plastics products	1	3	19,200	15,117	15,000	4,083
Manufacture of other non-metallic mineral products	28	130	8,277,143	4,595,760	3,332,754	3,681,383
Manufacture of basic metals	4	27	691,137	229,165	243,937	461,971
Manufacture of fabricated metal products, except machinery and equipment	213	1,253	8,490,071	3,468,948	3,383,819	5,021,119
Manufacture of computer, electronic and optical products	3	11	48,110	17,382	15,497	30,728
Manufacture of electrical equipment	13	22	94,013	55,949	55,231	38,064
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	2	6	13,930	5,452	5,495	8,478

Table A.49: Trading account of businesses in the industry sector in Upper West region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Manufacture of other transport equipment	7	61	301,097	245,018	228,647	56,079
Manufacture of furniture	123	617	6,854,382	3,118,746	2,988,386	3,735,636
Other manufacturing	10	33	297,648	120,648	122,111	177,000
Repair and installation of machinery and equipment	15	57	191,982	62,922	42,333	129,053
Electricity, gas, steam and air conditioning supply	1	7	55,000	1,450	0	53,550
Electricity, gas, steam and air conditioning supply	1	7	55,000	1,450	0	53,550
Water supply; sewerage, waste management	10	107	974,248	90,286	68,039	883,963
Water collection, treatment and supply	10	107	974,248	90,286	68,039	883,963
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0
Construction	171	2,659	418,466,020	220,381,575	214,378,969	198,084,445
Construction of buildings	100	1,695	131,468,898	69,624,153	67,793,145	61,844,745
Civil engineering	31	759	267,628,563	140,856,785	136,704,528	126,771,778
Specialized construction activities	40	206	19,368,559	9,900,637	9,881,295	9,467,922

Table A.50: Trading account of businesses in the service sector

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
National - All Sectors	535,337	3,102,917	456,995,817,643	156,067,708,114	153,836,888,724	300,928,111,365
Service Sector	425,974	2,314,309	318,373,609,604	106,881,111,794	104,700,521,220	211,492,499,398
Wholesale and retail trade and repair of motor vehicles and motorcycles	236,523	778,587	175,098,102,358	93,953,196,380	91,892,124,609	81,144,907,259
Wholesale and retail trade and repair of motor vehicles and motorcycles	25,733	151,267	25,544,961,650	14,806,251,462	14,823,612,391	10,738,710,117
Wholesale trade, except of motor vehicles and motorcycles	13,447	84,678	41,853,570,780	24,421,468,932	23,879,423,913	17,432,101,808
Retail trade, except of motor vehicles and motorcycles	197,343	542,643	107,699,569,928	54,725,475,986	53,189,088,305	52,974,095,334
Transportation and storage	2,303	41,292	8,418,963,880	2,060,832,389	2,061,593,001	6,358,131,495
Land transport and transport via pipelines	800	16,086	2,246,750,414	223,040,020	222,988,028	2,023,710,397
Water transport	67	1,671	295,494,949	8,169,938	8,127,140	287,325,008
Air transport	69	1,827	737,338,044	86,529,539	86,529,539	650,808,511
Warehousing and support activities for transportation	1,237	20,292	5,083,191,637	1,742,420,460	1,743,274,968	3,340,771,175
Postal and courier activities	130	1,416	56,188,836	672,433	673,326	55,516,403
Accommodation and food service activities	44,654	227,588	8,016,746,590	2,386,820,743	2,354,058,581	5,629,926,169
Accommodation	3,969	44,308	1,588,439,167	260,316,899	255,828,049	1,328,122,253
Food and beverage service activities	40,686	183,280	6,428,307,423	2,126,503,845	2,098,230,532	4,301,803,916
Information and communication	3,145	29,733	9,129,162,501	430,799,773	446,151,127	8,698,362,717
Publishing activities	158	2,379	208,743,056	38,983,249	32,541,099	169,759,806
Motion picture, video and television programme production, sound recording	378	1,386	43,594,966	21,805,148	21,810,280	21,789,869
Programming and broadcasting activities	365	7,078	236,811,226	17,963,918	20,609,106	218,847,306
Telecommunications	1,266	12,932	8,063,809,340	286,535,997	304,408,808	7,777,273,274
Computer programming, consultancy and related activities	456	3,455	150,719,804	21,401,414	22,636,906	129,318,392
Information service activities	523	2,502	425,484,109	44,110,046	44,144,928	381,374,070

Table A.50: Trading account of businesses in the service sector (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Financial and insurance activities	6,075	223,389	90,796,340,643	3,738,779,864	3,729,351,554	87,057,560,320
Financial service activities, except insurance and pension funding	5,094	204,229	78,949,434,033	2,667,784,654	2,668,423,641	76,281,648,868
Insurance, reinsurance and pension funding, except compulsory social security	443	15,407	6,367,400,334	13,475,866	13,366,700	6,353,924,481
Activities auxiliary to financial service and insurance activities	538	3,753	5,479,506,276	1,057,519,344	1,047,561,213	4,421,986,971
Real estate activities	413	7,408	1,890,315,619	505,457,354	482,941,461	1,384,858,252
Real estate activities	413	7,408	1,890,315,619	505,457,354	482,941,461	1,384,858,252
Professional, scientific and technical activities	4,598	39,921	2,354,192,944	382,704,138	384,778,495	1,971,488,798
Legal and accounting activities	505	4,004	149,467,164	26,077,696	25,008,433	123,389,469
Activities of head offices; management consultancy activities	363	3,834	221,571,155	4,576,701	4,538,041	216,994,445
Architectural and engineering activities; technical testing and analysis	747	10,578	1,231,830,182	231,831,274	236,002,003	999,998,910
Scientific research and development	36	1,269	59,657,254	1,796,808	1,797,169	57,860,446
Advertising and market research	194	2,999	159,271,343	9,721,747	9,755,026	149,549,593
Other professional, scientific and technical activities	2,724	16,950	522,294,126	106,378,911	105,408,702	415,915,217
Veterinary activities	28	288	10,101,720	2,321,002	2,269,121	7,780,718
Administrative and support service activities	5,151	88,022	1,416,097,902	157,921,235	189,708,538	1,258,176,672
Rental and leasing activities	1,167	5,852	249,450,562	35,403,541	39,314,190	214,047,021
Employment activities	209	31,400	114,230,972	1,343,550	1,343,250	112,887,424
Travel agency, tour operator, reservation service and related activities	301	1,825	582,665,524	56,844,815	55,655,315	525,820,683
Security and investigation activities	197	29,707	223,215,336	23,452,658	23,693,934	199,762,679
Services to buildings and landscape activities	184	3,784	34,290,886	4,605,590	4,618,199	29,685,297
Office administrative, office support and other business support activities	3,093	15,454	212,244,621	36,271,082	65,083,651	175,973,569
Education	16,567	308,944	6,424,096,188	248,473,035	244,997,750	6,175,623,159
Education	16,567	308,944	6,424,096,188	248,473,035	244,997,750	6,175,623,159
Human health and social work activities	3,274	75,171	6,033,432,138	1,422,660,017	1,396,984,178	4,610,772,297
Human health activities	2,778	64,727	5,882,906,713	1,414,077,685	1,388,389,041	4,468,829,205
Residential care activities	127	1,996	10,602,819	1,932,605	1,932,185	8,670,213
Social work activities without accommodation	369	8,447	139,922,607	6,649,727	6,662,952	133,272,879
Arts, entertainment and recreation	4,657	16,385	428,364,120	59,228,950	59,106,869	369,135,161
Creative, arts and entertainment activities	351	3,752	19,789,895	3,865,800	3,775,393	15,924,095
Libraries, archives, museums and other cultural activities	71	838	30,045,893	3,995,288	3,974,388	26,050,604
Gambling and betting activities	3,575	8,577	250,558,946	31,359,464	31,274,456	219,199,480
Sports activities and amusement and recreation activities	661	3,218	127,969,386	20,008,397	20,082,632	107,960,982
Other service activities	98,614	477,868	8,367,794,722	1,534,237,918	1,458,725,057	6,833,557,099
Activities of membership organization	37,983	262,654	5,875,003,143	855,347,698	855,838,984	5,019,655,474
Repair of computers and personal	9,624	30,354	1,126,818,760	401,703,542	339,516,069	725,115,247
Other personal service activities	51,007	184,860	1,365,972,819	277,186,678	263,370,004	1,088,786,378

Table A.51: Trading account of businesses in the service sector in Western region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Western - All Sectors	58,977	318,698	33,873,323,931	9,984,617,423	9,962,753,626	23,888,706,369
Service Sector	47,850	215,331	13,024,262,232	6,629,606,589	6,459,675,305	6,394,655,664
Wholesale and retail trade and repair of motor vehicles and motorcycles	26,045	78,766	10,081,384,291	6,109,149,769	5,944,102,320	3,972,234,356
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,178	10,198	302,940,869	97,115,126	93,101,346	205,825,744
Wholesale trade, except of motor vehicles and motorcycles	3,251	14,770	2,516,754,467	1,478,211,524	1,442,719,323	1,038,542,944
Retail trade, except of motor vehicles and motorcycles	20,615	53,799	7,261,688,955	4,533,823,119	4,408,281,652	2,727,865,668
Transportation and storage	267	3,262	400,821,377	20,746,771	20,815,911	380,074,610
Land transport and transport via pipelines	134	1,289	351,372,625	19,326,615	19,326,615	332,046,013
Water transport	4	70	23,411	2,940	2,940	20,471
Air transport	1	9	0	0	0	0
Warehousing and support activities for transportation	120	1,865	48,727,603	1,383,723	1,467,193	47,343,880
Postal and courier activities	9	30	697,737	33,493	19,163	664,245
Accommodation and food service activities	6,529	27,145	905,904,557	249,609,842	245,081,601	656,294,914
Accommodation	369	4,543	228,854,216	36,239,069	36,214,153	192,615,149
Food and beverage service activities	6,160	22,602	677,050,340	213,370,772	208,867,448	463,679,765
Information and communication	222	1,700	245,888,252	39,778,069	45,032,370	206,110,187
Publishing activities	5	27	231,112	38,112	38,112	193,000
Motion picture, video and television programme production, sound recording	26	104	492,488	103,708	102,514	388,780
Programming and broadcasting activities	73	1,218	24,836,173	2,681,044	2,414,592	22,155,130
Telecommunications	75	260	219,881,793	36,885,426	42,413,328	182,996,370
Computer programming, consultancy and related activities	4	12	113,229	13,145	9,219	100,084
Information service activities	40	79	333,457	56,633	54,605	276,823
Financial and insurance activities	635	7,527	385,639,065	33,719,777	32,749,600	351,919,288
Financial service activities, except insurance and pension funding	554	6,996	355,548,397	32,490,083	32,267,159	323,058,314
Insurance, reinsurance and pension funding, except compulsory social security	37	332	25,160,072	520,581	412,015	24,639,491
Activities auxiliary to financial service and insurance activities	44	200	4,930,596	709,113	70,425	4,221,483

Table A.51: Trading account of businesses in the service sector in Western region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	9	75	3,860,138	15,755	15,755	3,844,383
Real estate activities	9	75	3,860,138	15,755	15,755	3,844,383
Professional, scientific and technical activities	336	2,787	61,673,557	20,687,835	19,057,802	40,985,721
Legal and accounting activities	26	125	1,471,979	36,910	36,910	1,435,069
Activities of head offices; management consultancy activities	7	53	3,764,963	764,193	763,493	3,000,770
Architectural and engineering activities; technical testing and analysis	83	1,076	43,045,016	16,561,178	14,925,006	26,483,839
Scientific research and development	1	62	1,347,388	278,055	278,055	1,069,333
Advertising and market research	7	102	1,884,999	176,602	176,202	1,708,397
Other professional, scientific and technical activities	210	1,359	10,136,896	2,863,166	2,871,766	7,273,729
Veterinary activities	2	10	22,316	7,732	6,370	14,584
Administrative and support service activities	486	7,445	29,602,248	3,066,466	3,091,121	26,535,783
Rental and leasing activities	134	562	5,751,264	843,552	839,702	4,907,712
Employment activities	13	240	1,777,156	3,640	3,640	1,773,516
Travel agency, tour operator, reservation service and related activities	9	39	216,234	14,773	14,773	201,461
Security and investigation activities	14	1,161	3,216,592	208,475	208,475	3,008,117
Services to buildings and landscape activities	8	82	467,049	166,281	166,401	300,767
Office administrative, office support and other business support activities	308	5,361	18,173,953	1,829,745	1,858,130	16,344,209
Education	1,835	27,911	209,431,605	26,520,435	26,329,776	182,911,171
Education	1,835	27,911	209,431,605	26,520,435	26,329,776	182,911,171
Human health and social work activities	254	5,566	249,605,899	51,521,443	50,737,959	198,084,454
Human health activities	242	5,431	229,652,913	51,454,024	50,670,539	178,198,888
Residential care activities	0	0	0	0	0	0
Social work activities without accommodation	12	135	19,952,985	67,419	67,419	19,885,566
Arts, entertainment and recreation	320	1,282	149,804,656	21,473,747	21,461,856	128,330,909
Creative, arts and entertainment activities	35	235	587,575	89,998	78,118	497,577
Libraries, archives, museums and other cultural activities	5	14	20,157	2,450	2,450	17,707
Gambling and betting activities	242	599	56,804,486	6,031,301	6,031,151	50,773,186
Sports activities and amusement and recreation activities	38	434	92,392,438	15,349,998	15,350,137	77,042,440
Other service activities	10,912	51,864	300,646,589	53,316,682	51,199,234	247,329,888
Activities of membership organization	5,434	33,323	181,076,346	13,916,771	13,850,764	167,159,623
Repair of computers and personal	1,090	3,612	67,858,532	27,691,642	26,946,119	40,166,890
Other personal service activities	4,389	14,930	51,711,711	11,708,269	10,402,351	40,003,375

Table A.52: Trading account of businesses in the service sector in Central region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Central - All Sectors	46,177	205,913	9,455,445,587	3,495,791,934	3,482,569,169	5,959,654,124
Service Sector	37,628	160,444	7,731,493,349	2,984,285,574	2,972,701,191	4,747,208,255
Wholesale and retail trade and repair of motor vehicles and motorcycles	19,832	58,240	3,814,393,101	2,323,210,391	2,313,257,767	1,491,183,149
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,749	7,515	71,962,820	35,121,597	34,760,336	36,841,223
Wholesale trade, except of motor vehicles and motorcycles	811	4,628	1,092,349,849	621,107,172	615,999,527	471,242,692
Retail trade, except of motor vehicles and motorcycles	17,273	46,097	2,650,080,432	1,666,981,622	1,662,497,903	983,099,234
Transportation and storage	43	842	12,258,561	2,661,408	2,661,374	9,597,154
Land transport and transport via pipelines	32	668	11,714,263	2,642,817	2,642,783	9,071,446
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	8	67	171,994	5,204	5,204	166,790
Postal and courier activities	3	107	372,304	13,387	13,387	358,917
Accommodation and food service activities	4,936	18,903	346,107,656	120,964,961	116,186,485	225,142,694
Accommodation	457	5,056	78,913,921	11,280,017	11,154,529	67,633,906
Food and beverage service activities	4,479	13,847	267,193,734	109,684,944	105,031,956	157,508,788
Information and communication	190	979	11,159,771	1,167,013	1,161,212	9,992,757
Publishing activities	3	20	140,638	68,808	68,208	71,830
Motion picture, video and television programme production, sound recording	13	41	184,838	12,261	12,231	172,577
Programming and broadcasting activities	39	548	2,466,857	81,264	82,814	2,385,592
Telecommunications	70	184	8,057,668	973,753	968,232	7,083,915
Computer programming, consultancy and related activities	1	5	8,141	4,790	4,790	3,351
Information service activities	65	181	301,630	26,138	24,938	275,492
Financial and insurance activities	473	7,323	705,594,101	68,088,273	68,322,205	637,505,818
Financial service activities, except insurance and pension funding	430	6,862	221,786,189	23,000,284	23,245,699	198,785,906
Insurance, reinsurance and pension funding, except compulsory social security	37	445	265,536,229	52,521	52,521	265,483,708
Activities auxiliary to financial service and insurance activities	7	16	218,271,682	45,035,468	45,023,985	173,236,204

Table A.52: Trading account of businesses in the service sector in Central region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	17	220	19,013,354	4,354,715	7,544,262	14,658,640
Real estate activities	17	220	19,013,354	4,354,715	7,544,262	14,658,640
Professional, scientific and technical activities	241	1,850	13,576,886	2,747,093	2,746,074	10,829,793
Legal and accounting activities	14	68	375,090	12,150	12,150	362,941
Activities of head offices; management consultancy activities	2	12	20,845	522	522	20,323
Architectural and engineering activities; technical testing and analysis	74	830	11,081,027	1,993,263	1,992,497	9,087,764
Scientific research and development	0	0	0	0	0	0
Advertising and market research	6	19	36,954	1,176	1,176	35,779
Other professional, scientific and technical activities	145	922	2,062,969	739,983	739,729	1,322,987
Veterinary activities	0	0	0	0	0	0
Administrative and support service activities	339	2,146	12,181,389	1,811,814	1,757,596	10,369,575
Rental and leasing activities	70	320	1,797,692	171,889	172,329	1,625,803
Employment activities	2	7	23,500	187	187	23,313
Travel agency, tour operator, reservation service and related activities	4	22	54,771	4,951	4,951	49,820
Security and investigation activities	2	1,015	784,898	23,948	23,948	760,950
Services to buildings and landscape activities	1	73	210,000	0	0	210,000
Office administrative, office support and other business support activities	260	709	9,310,528	1,610,839	1,556,181	7,699,690
Education	1,581	28,543	110,821,022	11,225,433	10,860,520	99,595,589
Education	1,581	28,543	110,821,022	11,225,433	10,860,520	99,595,589
Human health and social work activities	202	4,424	68,952,997	11,099,415	11,525,355	57,853,582
Human health activities	139	3,357	53,933,296	8,409,890	8,836,292	45,523,407
Residential care activities	19	248	3,065,740	689,054	688,634	2,376,686
Social work activities without accommodation	43	819	11,953,961	2,000,471	2,000,428	9,953,490
Arts, entertainment and recreation	450	1,196	12,845,210	1,350,697	1,343,220	11,494,513
Creative, arts and entertainment activities	25	198	2,120,187	496,273	491,966	1,623,913
Libraries, archives, museums and other cultural activities	1	5	4,351	721	721	3,630
Gambling and betting activities	377	582	8,865,743	660,281	659,041	8,205,461
Sports activities and amusement and recreation activities	48	410	1,854,929	193,421	191,491	1,661,508
Other service activities	9,323	35,777	2,604,589,302	435,604,361	435,335,124	2,168,984,990
Activities of membership organization	4,418	20,518	2,546,587,992	419,716,697	419,664,113	2,126,871,295
Repair of computers and personal	883	2,010	10,924,456	5,389,557	5,464,631	5,534,898
Other personal service activities	4,022	13,250	47,076,854	10,498,107	10,206,380	36,578,797

Table A.53: Trading account of businesses in the service sector in Greater Accra region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Greater Accra - All Sectors	135,470	1,115,768	311,964,817,457	98,248,369,740	96,447,260,172	213,716,448,155
Service Sector	111,254	871,153	224,842,958,896	63,263,249,111	61,370,433,163	161,579,710,123
Wholesale and retail trade and repair of motor vehicles and motorcycles	61,426	246,620	103,192,869,202	54,299,814,816	52,471,395,792	48,893,055,196
Wholesale and retail trade and repair of motor vehicles and motorcycles	6,394	50,852	5,044,336,888	2,961,088,885	2,606,999,477	2,083,248,213
Wholesale trade, except of motor vehicles and motorcycles	3,861	34,757	30,800,724,524	17,254,919,627	16,729,317,709	13,545,804,857
Retail trade, except of motor vehicles and motorcycles	51,171	161,011	67,347,807,790	34,083,806,305	33,135,078,606	33,264,002,127
Transportation and storage	1,189	29,269	7,620,696,290	1,927,579,568	1,928,393,151	5,693,116,720
Land transport and transport via pipelines	326	8,865	1,676,042,939	167,362,524	167,363,473	1,508,680,412
Water transport	58	1,583	294,699,233	8,164,238	8,121,440	286,534,992
Air transport	65	1,806	737,247,494	86,528,469	86,528,469	650,719,031
Warehousing and support activities for transportation	724	16,173	4,872,294,135	1,665,350,701	1,666,206,133	3,206,943,432
Postal and courier activities	16	841	40,412,489	173,636	173,636	40,238,853
Accommodation and food service activities	9,959	87,766	4,623,482,631	1,226,373,126	1,213,007,411	3,397,109,481
Accommodation	1,267	19,530	984,126,762	157,313,857	156,204,069	826,812,905
Food and beverage service activities	8,692	68,236	3,639,355,870	1,069,059,269	1,056,803,342	2,570,296,575
Information and communication	1,165	18,945	8,726,580,811	350,701,328	360,985,480	8,375,879,416
Publishing activities	60	1,847	182,216,860	34,491,013	28,070,549	147,725,847
Motion picture, video and television programme production, sound recording	113	501	37,632,939	20,842,794	20,846,544	16,790,145
Programming and broadcasting activities	38	2,114	178,359,999	13,184,070	16,094,160	165,175,928
Telecommunications	499	10,277	7,768,403,037	218,278,433	230,742,608	7,550,124,529
Computer programming, consultancy and related activities	393	3,083	141,983,276	20,094,263	21,363,255	121,889,015
Information service activities	63	1,124	417,984,700	43,810,755	43,868,363	374,173,952

Table A.53: Trading account of businesses in the service sector in Greater Accra region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Financial and insurance activities	2,908	178,237	85,491,750,055	3,538,844,957	3,539,323,132	81,952,904,665
Financial service activities, except insurance and pension funding	2,299	162,786	74,261,080,647	2,546,233,574	2,547,213,771	71,714,846,578
Insurance, reinsurance and pension funding, except compulsory social security	206	12,655	6,027,018,153	12,294,099	12,294,099	6,014,724,067
Activities auxiliary to financial service and insurance activities	402	2,796	5,203,651,255	980,317,284	979,815,262	4,223,334,020
Real estate activities	339	6,493	1,858,558,571	497,719,728	471,710,609	1,360,838,830
Real estate activities	339	6,493	1,858,558,571	497,719,728	471,710,609	1,360,838,830
Professional, scientific and technical activities	2,099	21,164	1,896,941,855	281,500,099	286,897,947	1,615,441,749
Legal and accounting activities	363	3,017	128,429,903	24,464,032	24,436,445	103,965,872
Activities of head offices; management consultancy activities	247	3,146	214,284,828	3,555,312	3,555,312	210,729,505
Architectural and engineering activities; technical testing and analysis	339	6,100	1,137,278,732	203,902,151	209,667,152	933,376,583
Scientific research and development	23	466	39,549,734	37,291	36,641	39,512,443
Advertising and market research	161	2,736	154,826,674	9,039,675	9,039,675	145,786,997
Other professional, scientific and technical activities	953	5,609	219,127,610	39,563,123	39,275,705	179,564,490
Veterinary activities	12	89	3,444,373	938,515	887,016	2,505,858
Administrative and support service activities	2,168	63,735	1,055,728,946	100,118,716	133,552,149	955,610,210
Rental and leasing activities	380	2,886	168,026,196	25,361,634	29,350,482	142,664,563
Employment activities	160	27,826	111,037,312	1,267,267	1,267,267	109,770,047
Travel agency, tour operator, reservation service and related activities	235	1,460	379,442,161	21,430,457	21,430,457	358,011,681
Security and investigation activities	146	24,384	215,084,159	22,751,326	22,994,592	192,332,834
Services to buildings and landscape activities	67	2,493	31,462,893	4,039,930	4,053,015	27,422,963
Office administrative, office support and other business support activities	1,180	4,686	150,676,225	25,268,103	54,456,337	125,408,122
Education	4,637	88,445	5,081,577,870	110,194,419	109,758,361	4,971,383,449
Education	4,637	88,445	5,081,577,870	110,194,419	109,758,361	4,971,383,449

Table A.53: Trading account of businesses in the service sector in Greater Accra region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Human health and social work activities	825	22,693	1,137,090,836	179,791,921	167,975,003	957,298,948
Human health activities	628	18,130	1,053,122,769	177,074,573	165,257,655	876,048,229
Residential care activities	66	633	3,351,443	575,015	575,015	2,776,428
Social work activities without accommodation	131	3,930	80,616,624	2,142,333	2,142,333	78,474,291
Arts, entertainment and recreation	1,447	7,269	175,605,525	24,908,752	24,832,523	150,696,769
Creative, arts and entertainment activities	115	2,378	6,005,287	378,631	339,027	5,626,657
Libraries, archives, museums and other cultural activities	26	540	29,398,174	3,941,075	3,920,475	25,457,099
Gambling and betting activities	938	2,894	114,917,913	17,089,838	17,042,081	97,828,073
Sports activities and amusement and recreation activities	369	1,457	25,284,151	3,499,208	3,530,941	21,784,941
Other service activities	23,092	100,517	3,982,076,305	725,701,681	662,601,605	3,256,374,690
Activities of membership organization	4,012	37,683	2,549,755,550	402,089,773	402,020,461	2,147,665,741
Repair of computers and personal	2,851	8,366	662,513,139	182,209,758	124,448,914	480,303,405
Other personal service activities	16,230	54,468	769,807,616	141,402,149	136,132,229	628,405,544

Table A.54: Trading account of businesses in the service sector in Volta region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Volta - All Sectors	39,527	157,131	5,476,783,181	2,678,112,184	2,659,293,756	2,798,671,382
Service Sector	29,492	112,366	2,786,870,463	1,492,156,274	1,483,678,245	1,294,714,562
Wholesale and retail trade and repair of motor vehicles and motorcycles	15,463	38,229	2,002,365,855	1,283,260,837	1,279,020,966	719,105,210
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,154	3,433	39,851,110	23,492,186	22,693,506	16,358,913
Wholesale trade, except of motor vehicles and motorcycles	431	1,904	175,339,431	86,438,839	85,449,646	88,900,592
Retail trade, except of motor vehicles and motorcycles	13,878	32,893	1,787,175,314	1,173,329,812	1,170,877,815	613,845,705
Transportation and storage	99	1,016	11,985,138	1,175,306	1,174,580	10,809,834
Land transport and transport via pipelines	21	455	9,293,654	1,053,370	1,053,370	8,240,285
Water transport	5	19	772,305	2,760	2,760	769,545
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	38	491	1,642,164	93,554	93,554	1,548,611
Postal and courier activities	34	51	277,015	25,622	24,896	251,393
Accommodation and food service activities	4,192	14,849	288,229,839	113,893,647	112,842,219	174,336,295
Accommodation	309	2,462	40,028,106	7,108,535	6,734,871	32,919,572
Food and beverage service activities	3,883	12,387	248,201,733	106,785,111	106,107,348	141,416,722
Information and communication	115	676	27,576,773	16,727,443	16,822,384	10,849,329
Publishing activities	2	10	14,604	467	467	14,137
Motion picture, video and television programme production, sound recording	25	64	138,867	39,309	41,252	99,558
Programming and broadcasting activities	25	391	3,730,997	156,290	156,290	3,574,707
Telecommunications	46	139	16,800,598	15,715,398	15,808,395	1,085,200
Computer programming, consultancy and related activities	2	12	4,877,579	808,330	808,330	4,069,249
Information service activities	16	59	2,014,128	7,649	7,649	2,006,479
Financial and insurance activities	255	2,916	127,086,960	13,177,506	13,273,054	113,909,447
Financial service activities, except insurance and pension funding	217	2,458	124,104,582	13,128,912	13,224,461	110,975,663
Insurance, reinsurance and pension funding, except compulsory social security	28	424	2,849,749	48,169	48,169	2,801,581
Activities auxiliary to financial service and insurance activities	11	33	132,629	425	425	132,204

Table A.54: Trading account of businesses in the service sector in Volta region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	4	19	603,009	159,068	2,068	443,941
Real estate activities	4	19	603,009	159,068	2,068	443,941
Professional, scientific and technical activities	199	1,169	31,489,263	6,359,072	5,316,977	25,130,191
Legal and accounting activities	10	73	7,194,471	1,177,549	135,073	6,016,922
Activities of head offices; management consultancy activities	26	155	688,860	60,630	60,630	628,230
Architectural and engineering activities; technical testing and analysis	30	225	2,477,202	154,446	157,200	2,322,756
Scientific research and development	1	2	1,056	0	0	1,056
Advertising and market research	0	0	0	0	0	0
Other professional, scientific and technical activities	131	709	21,125,327	4,966,378	4,964,004	16,158,949
Veterinary activities	1	5	2,346	69	69	2,277
Administrative and support service activities	283	1,094	10,134,338	1,838,650	1,765,994	8,295,688
Rental and leasing activities	27	71	4,434,188	480,101	480,131	3,954,087
Employment activities	3	9	34,672	1,625	1,625	33,047
Travel agency, tour operator, reservation service and related activities	1	19	74,235	0	0	74,235
Security and investigation activities	8	24	119,220	70,283	70,283	48,937
Services to buildings and landscape activities	52	204	721,886	145,615	145,559	576,271
Office administrative, office support and other business support activities	192	766	4,750,138	1,141,027	1,068,397	3,609,111
Education	1,076	16,426	84,983,378	7,632,445	7,615,857	77,350,933
Education	1,076	16,426	84,983,378	7,632,445	7,615,857	77,350,933
Human health and social work activities	284	4,628	69,034,046	15,242,194	14,374,459	53,791,853
Human health activities	237	3,564	64,179,449	14,762,114	13,894,380	49,417,336
Residential care activities	6	131	1,162,826	224,156	224,156	938,670
Social work activities without accommodation	41	933	3,691,771	255,924	255,924	3,435,847

Table A.54: Trading account of businesses in the service sector in Volta region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Arts, entertainment and recreation	194	766	9,811,048	2,319,589	2,317,018	7,491,459
Creative, arts and entertainment activities	35	88	442,934	124,888	126,318	318,047
Libraries, archives, museums and other cultural activities	13	131	160,400	23,708	23,708	136,692
Gambling and betting activities	116	464	8,825,957	2,117,070	2,117,569	6,708,887
Sports activities and amusement and recreation activities	30	84	381,758	53,924	49,424	327,834
Other service activities	7,328	30,577	123,570,817	30,370,517	29,152,668	93,200,382
Activities of membership organization	3,473	17,692	46,509,649	1,956,325	1,945,920	44,553,324
Repair of computers and personal	772	2,261	39,819,850	16,647,254	15,902,330	23,172,596
Other personal service activities	3,083	10,624	37,241,317	11,766,937	11,304,418	25,474,462

Table A.55: Trading account of businesses in the service sector in Eastern region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Eastern - All Sectors	49,217	221,835	14,478,794,798	5,227,334,002	5,106,969,540	9,251,461,041
Service Sector	38,870	164,063	5,570,639,984	3,014,389,067	2,888,006,634	2,556,250,974
Wholesale and retail trade and repair of motor vehicles and motorcycles	21,210	64,574	4,453,266,359	2,763,373,099	2,650,554,278	1,689,893,282
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,139	11,186	117,343,284	50,772,241	50,499,448	66,571,043
Wholesale trade, except of motor vehicles and motorcycles	1,095	6,617	807,601,962	449,190,367	509,832,899	358,411,590
Retail trade, except of motor vehicles and motorcycles	17,976	46,770	3,528,321,113	2,263,410,491	2,090,221,931	1,264,910,649
Transportation and storage	268	823	24,575,629	17,326,612	17,258,662	7,249,017
Land transport and transport via pipelines	54	487	5,692,558	514,848	514,848	5,177,710
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	206	318	18,844,332	16,810,744	16,742,794	2,033,587
Postal and courier activities	9	19	38,740	1,020	1,020	37,720
Accommodation and food service activities	4,190	15,240	335,423,130	137,634,427	137,589,245	197,788,682
Accommodation	416	2,552	55,309,745	10,600,034	9,895,821	44,709,690
Food and beverage service activities	3,774	12,688	280,113,385	127,034,393	127,693,424	153,078,992
Information and communication	227	1,122	12,126,981	1,704,898	1,678,844	10,422,083
Publishing activities	12	42	793,088	81,514	81,514	711,574
Motion picture, video and television programme production, sound recording	72	162	466,317	97,645	94,613	368,672
Programming and broadcasting activities	30	536	8,294,990	978,607	978,607	7,316,383
Telecommunications	61	166	1,204,643	307,155	292,632	897,488
Computer programming, consultancy and related activities	11	119	1,238,469	209,001	209,001	1,029,468
Information service activities	41	98	129,474	30,977	22,477	98,498
Financial and insurance activities	357	6,517	196,063,192	10,310,612	10,203,140	185,752,577
Financial service activities, except insurance and pension funding	322	6,013	167,505,361	6,649,245	6,525,710	160,856,113
Insurance, reinsurance and pension funding, except compulsory social security	30	475	20,297,613	144,786	144,786	20,152,827
Activities auxiliary to financial service and insurance activities	6	29	8,260,218	3,516,581	3,532,644	4,743,638

Table A.55: Trading account of businesses in the service sector in Eastern region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	5	97	1,114,937	211,795	211,795	903,142
Real estate activities	5	97	1,114,937	211,795	211,795	903,142
Professional, scientific and technical activities	368	2,253	6,139,330	1,164,828	1,099,596	4,974,501
Legal and accounting activities	8.5	60	160,353	4,875	4,875	155,478
Activities of head offices; management consultancy activities	1	4	652	108	108	544
Architectural and engineering activities; technical testing and analysis	77	764	2,089,856	81,681	81,681	2,008,175
Scientific research and development	4	32	63,248	4,575	4,575	58,673
Advertising and market research	1	2	25,000	80	80	24,920
Other professional, scientific and technical activities	276	1,386	3,399,380	990,789	925,557	2,408,591
Veterinary activities	1	5	400,841	82,720	82,720	318,121
Administrative and support service activities	364	1,595	7,677,492	1,463,251	1,459,651	6,214,242
Rental and leasing activities	83	263	2,529,843	468,187	467,067	2,061,657
Employment activities	7	24	134,800	9,378	9,078	125,422
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0
Security and investigation activities	4	167	198,177	15,572	15,572	182,605
Services to buildings and landscape activities	1	273	9,413	1,560	1,560	7,853
Office administrative, office support and other business support activities	269	869	4,805,259	968,554	966,374	3,836,705
Education	1,788	28,401	139,009,059	15,196,671	14,661,645	123,812,388
Education	1,788	28,401	139,009,059	15,196,671	14,661,645	123,812,388
Human health and social work activities	453	7,851	229,349,166	37,363,609	26,995,511	191,985,615
Human health activities	401	6,616	219,924,200	36,055,114	25,673,288	183,869,144
Residential care activities	4	8.4	84,000	5,502	5,502	78,498
Social work activities without accommodation	48	1,226	9,340,966	1,302,993	1,316,721	8,037,973
Arts, entertainment and recreation	216	898	4,308,131	193,051	192,008	4,115,080
Creative, arts and entertainment activities	28	110	1,052,491	82,874	82,374	969,617
Libraries, archives, museums and other cultural activities	9	24	130,472	4,306	4,006	126,166
Gambling and betting activities	141	553	2,577,847	85,452	85,255	2,492,395
Sports activities and amusement and recreation activities	38	211	547,322	20,419	20,373	526,903
Other service activities	9,425	34,692	161,586,578	28,446,214	26,102,258	133,140,364
Activities of membership organization	4,042	17,699	70,202,776	2,289,179	2,290,310	67,913,597
Repair of computers and personal	840	1,682	37,351,193	11,154,466	9,444,659	26,196,728
Other personal service activities	4,543	15,311	54,032,609	15,002,569	14,367,289	39,030,039

Table A.56: Trading account of businesses in the service sector in Ashanti region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Ashanti - All Sectors	98,839	523,308	51,954,733,866	21,386,291,729	21,393,642,894	30,568,442,139
Service Sector	77,343	377,497	42,751,832,248	18,445,165,831	18,606,585,218	24,306,666,424
Wholesale and retail trade and repair of motor vehicles and motorcycles	44,862	144,340	36,737,579,701	17,455,443,342	17,646,266,401	19,282,136,167
Wholesale and retail trade and repair of motor vehicles and motorcycles	6,267	34,762	18,309,718,141	10,924,371,192	11,332,589,102	7,385,346,706
Wholesale trade, except of motor vehicles and motorcycles	1,947	12,292	3,597,539,053	2,149,374,823	2,120,894,764	1,448,164,253
Retail trade, except of motor vehicles and motorcycles	36,648	97,285	14,830,322,507	4,381,697,327	4,192,782,535	10,448,625,208
Transportation and storage	211	3,710	261,346,212	69,230,433	68,863,230	192,115,779
Land transport and transport via pipelines	125	2,728	124,488,213	19,292,583	18,942,583	105,195,630
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	51	757	125,391,894	49,895,859	49,879,416	75,496,035
Postal and courier activities	35	225	11,466,105	41,991	41,231	11,424,114
Accommodation and food service activities	6,807	30,259	735,290,088	255,966,967	248,014,609	479,323,121
Accommodation	559	6,432	114,121,339	23,857,633	22,042,697	90,263,706
Food and beverage service activities	6,248	23,827	621,168,749	232,109,334	225,971,912	389,059,415
Information and communication	733	3,253	61,808,320	15,118,436	15,098,159	46,689,935
Publishing activities	53	298	22,981,550	3,590,031	3,577,081	19,391,519
Motion picture, video and television programme production, sound recording	94	344	3,815,650	638,826	644,549	3,176,875
Programming and broadcasting activities	49	721	9,440,114	677,931	677,931	8,762,183
Telecommunications	282	1,104	21,352,263	9,940,076	9,936,630	11,412,187
Computer programming, consultancy and related activities	29	159	2,122,018	160,038	147,503	1,961,980
Information service activities	226	627	2,096,725	111,534	114,465	1,985,191
Financial and insurance activities	656	9,597	2,626,091,673	35,714,411	26,701,133	2,590,377,262
Financial service activities, except insurance and pension funding	552	8,868	2,584,810,918	7,629,378	7,438,701	2,577,181,540
Insurance, reinsurance and pension funding, except compulsory social security	57	528	4,124,862	305,037	304,437	3,819,826
Activities auxiliary to financial service and insurance activities	47	201	37,155,892	27,779,996	18,957,995	9,375,896

Table A.56: Trading account of businesses in the service sector in Ashanti region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	29	463	6,363,314	2,817,253	3,439,932	3,546,060
Real estate activities	29	463	6,363,314	2,817,253	3,439,932	3,546,060
Professional, scientific and technical activities	859	7,412	312,381,229	66,210,948	65,806,963	246,170,281
Legal and accounting activities	51	430	4,730,582	329,169	328,769	4,401,413
Activities of head offices; management consultancy activities	65	307	1,251,176	58,839	59,339	1,192,337
Architectural and engineering activities; technical testing and analysis	106	1,127	30,034,062	8,775,350	8,815,261	21,258,712
Scientific research and development	3	656	14,326,421	586,579	587,590	13,739,842
Advertising and market research	11	48	1,935,303	474,016	508,703	1,461,287
Other professional, scientific and technical activities	616	4,786	254,306,465	54,728,488	54,247,815	199,577,976
Veterinary activities	8	59	5,797,220	1,258,506	1,259,486	4,538,714
Administrative and support service activities	798	9,283	256,721,045	41,682,600	40,234,871	215,038,467
Rental and leasing activities	333	1,263	42,626,620	3,516,140	3,467,504	39,110,480
Employment activities	17	3,231	767,826	56,441	56,441	711,385
Travel agency, tour operator, reservation service and related activities	32	196	201,269,772	35,306,463	34,113,963	165,963,305
Security and investigation activities	16	2,700	3,072,791	322,034	320,044	2,750,757
Services to buildings and landscape activities	6	493	1,075,040	203,785	203,785	871,255
Office administrative, office support and other business support activities	393	1,399	7,908,997	2,277,737	2,073,134	5,631,285
Education	2,536	54,867	502,779,402	38,009,495	36,423,568	464,769,912
Education	2,536	54,867	502,779,402	38,009,495	36,423,568	464,769,912
Human health and social work activities	655	15,813	584,434,566	376,427,806	373,186,776	208,006,760
Human health activities	607	15,030	579,233,999	375,782,529	372,542,211	203,451,470
Residential care activities	11	237	1,403,364	275,427	275,427	1,127,937
Social work activities without accommodation	37	545	3,797,203	369,850	369,138	3,427,353
Arts, entertainment and recreation	1,526	2,938	48,321,500	4,559,472	4,570,685	43,762,023
Creative, arts and entertainment activities	65	239	5,932,349	1,053,158	1,028,732	4,879,191
Libraries, archives, museums and other cultural activities	3	6	95,251	15,676	15,676	79,575
Gambling and betting activities	1,386	2,358	37,600,144	2,756,374	2,743,796	34,843,769
Sports activities and amusement and recreation activities	72	335	4,693,757	734,263	782,481	3,959,488
Other service activities	17,673	95,562	618,715,198	83,984,668	77,978,892	534,730,657
Activities of membership organization	5,884	48,247	255,121,317	6,697,622	6,653,952	248,423,695
Repair of computers and personal	1,415	4,798	82,169,096	22,868,943	21,496,841	59,300,153
Other personal service activities	10,374	42,518	281,424,785	54,418,103	49,828,100	227,006,809

Table A.57: Trading account of businesses in the service sector in Brong Ahafo region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Brong Ahafo - All Sectors	44,405	231,590	11,838,806,427	5,567,563,880	5,578,764,595	6,271,242,800
Service Sector	36,323	180,579	9,608,055,105	4,803,074,045	4,830,096,849	4,804,981,310
Wholesale and retail trade and repair of motor vehicles and motorcycles	20,115	54,436	7,102,427,737	4,299,672,498	4,327,051,420	2,802,755,418
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,491	12,359	1,167,471,111	442,649,193	433,963,153	724,821,921
Wholesale trade, except of motor vehicles and motorcycles	666	4,092	1,260,685,890	1,091,328,354	1,108,974,950	169,357,537
Retail trade, except of motor vehicles and motorcycles	16,958	37,985	4,674,270,736	2,765,694,950	2,784,113,318	1,908,575,961
Transportation and storage	62	830	48,212,264	17,210,750	17,211,428	31,001,514
Land transport and transport via pipelines	29	605	31,908,337	8,064,551	8,064,551	23,843,786
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	22	194	14,597,873	8,869,114	8,869,114	5,728,759
Postal and courier activities	12	31	1,706,054	277,085	277,763	1,428,969
Accommodation and food service activities	3,432	12,903	368,774,349	123,074,587	122,076,822	245,699,762
Accommodation	262	1,706	21,414,106	4,629,189	4,610,013	16,784,917
Food and beverage service activities	3,170	11,197	347,360,243	118,445,398	117,466,809	228,914,845
Information and communication	297	1,527	16,364,254	3,553,611	3,400,335	12,810,643
Publishing activities	10	53	535,466	224,634	224,634	310,832
Motion picture, video and television programme production, sound recording	9	31	608,401	18,225	18,225	590,177
Programming and broadcasting activities	74	913	6,742,242	129,307	129,307	6,612,935
Telecommunications	149	382	8,060,554	3,123,065	2,969,989	4,937,488
Computer programming, consultancy and related activities	5	27	102,560	18,187	18,187	84,372
Information service activities	52	122	315,031	40,192	39,992	274,838
Financial and insurance activities	430	6,436	243,566,574	20,885,457	20,788,431	222,681,116
Financial service activities, except insurance and pension funding	406	6,120	227,847,634	20,763,186	20,666,160	207,084,446
Insurance, reinsurance and pension funding, except compulsory social security	19	210	11,400,540	91,644	91,644	11,308,897
Activities auxiliary to financial service and insurance activities	5	106	4,318,400	30,627	30,627	4,287,773

Table A.57: Trading account of businesses in the service sector in Brong Ahafo region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	5	16	65,336	22,899	10,899	42,437
Real estate activities	5	16	65,336	22,899	10,899	42,437
Professional, scientific and technical activities	260	1,622	11,416,021	2,036,291	1,997,527	9,379,731
Legal and accounting activities	20	109	1,029,334	40,557	40,557	988,779
Activities of head offices; management consultancy activities	4	73	1,007,340	112,673	74,213	894,667
Architectural and engineering activities; technical testing and analysis	29	320	2,860,233	317,400	317,400	2,542,833
Scientific research and development	0	0	0	0	0	0
Advertising and market research	4	64	340,023	26,318	26,318	313,706
Other professional, scientific and technical activities	203	1,057	6,179,091	1,539,344	1,539,040	4,639,747
Veterinary activities	0	0	0	0	0	0
Administrative and support service activities	279	906	25,898,612	4,368,443	4,301,320	21,530,169
Rental and leasing activities	80	262	21,537,983	3,553,062	3,533,445	17,984,921
Employment activities	2	6	7,607	732	732	6,875
Travel agency, tour operator, reservation service and related activities	5	21	228,910	10,182	10,182	218,728
Security and investigation activities	4	67	307,099	35,544	35,544	271,555
Services to buildings and landscape activities	28	85	280,445	34,477	33,937	245,967
Office administrative, office support and other business support activities	159	465	3,536,568	734,446	687,480	2,802,122
Education	1,762	43,793	215,542,464	30,068,661	29,909,628	185,473,803
Education	1,762	43,793	215,542,464	30,068,661	29,909,628	185,473,803
Human health and social work activities	193	6,546	1,281,429,984	256,412,549	257,406,415	1,025,017,486
Human health activities	170	5,829	1,280,955,868	256,292,687	257,286,554	1,024,663,232
Residential care activities	14	619	314,953	100,411	100,411	214,542
Social work activities without accommodation	9	98	159,163	19,450	19,450	139,712
Arts, entertainment and recreation	326	1,510	19,969,268	2,246,023	2,222,174	17,723,245
Creative, arts and entertainment activities	32	442	1,833,338	437,627	436,507	1,395,710
Libraries, archives, museums and other cultural activities	4	30	65,621	3,001	3,001	62,620
Gambling and betting activities	247	836	15,895,959	1,695,728	1,672,491	14,200,231
Sports activities and amusement and recreation activities	43	202	2,174,350	109,667	110,175	2,064,684
Other service activities	9,163	50,054	274,388,242	43,522,277	43,720,449	230,865,985
Activities of membership organization	4,024	29,285	182,687,344	6,711,343	7,444,058	175,976,021
Repair of computers and personal	793	3,474	26,981,218	17,707,629	17,768,207	9,273,588
Other personal service activities	4,346	17,294	64,719,681	19,103,305	18,508,184	45,616,376

Table A.58: Trading account of businesses in the service sector in Northern region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Northern - All Sectors	35,917	188,709	10,556,820,135	6,515,796,381	6,296,690,129	4,041,023,809
Service Sector	27,161	134,159	5,663,441,577	3,716,389,704	3,598,509,141	1,947,051,806
Wholesale and retail trade and repair of motor vehicles and motorcycles	16,272	58,070	4,958,341,119	3,631,064,220	3,514,352,635	1,327,276,788
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,047	13,954	320,359,383	190,047,242	171,723,436	130,312,143
Wholesale trade, except of motor vehicles and motorcycles	875	3,617	1,250,288,709	1,021,962,667	1,011,960,110	228,325,984
Retail trade, except of motor vehicles and motorcycles	13,350	40,500	3,387,693,027	2,419,054,311	2,330,669,088	968,638,661
Transportation and storage	49	402	20,409,264	4,096,049	4,408,704	16,313,215
Land transport and transport via pipelines	17	118	18,133,706	3,997,944	4,294,384	14,135,762
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	27	187	1,123,433	2,084	2,084	1,121,349
Postal and courier activities	5	96	1,152,125	96,021	112,236	1,056,104
Accommodation and food service activities	2,115	11,123	147,170,778	58,808,380	58,330,972	88,362,465
Accommodation	199	1,247	14,313,150	1,672,549	1,323,968	12,640,601
Food and beverage service activities	1,917	9,876	132,857,628	57,135,831	57,007,004	75,721,864
Information and communication	126	694	15,202,919	1,556,348	1,488,205	13,646,572
Publishing activities	11	74	1,734,738	485,908	477,771	1,248,830
Motion picture, video and television programme production, sound recording	10	28	160,824	38,157	37,298	122,667
Programming and broadcasting activities	24	294	1,614,947	55,880	55,880	1,559,067
Telecommunications	66	253	9,492,118	875,349	840,636	8,616,769
Computer programming, consultancy and related activities	12	37	274,533	93,659	76,620	180,873
Information service activities	4	8	1,925,760	7,395	0	1,918,365
Financial and insurance activities	196	2,574	362,287,015	1,336,226	1,396,789	360,950,795
Financial service activities, except insurance and pension funding	169	2,317	355,683,665	1,325,754	1,386,317	354,357,916
Insurance, reinsurance and pension funding, except compulsory social security	18	176	4,544,960	10,076	10,076	4,534,883
Activities auxiliary to financial service and insurance activities	9	81	2,058,391	396	396	2,057,995

Table A.58: Trading account of businesses in the service sector and in Northern region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	4	21	686,960	154,161	4,161	532,799
Real estate activities	4	21	686,960	154,161	4,161	532,799
Professional, scientific and technical activities	142	902	13,400,775	1,473,386	1,343,551	11,927,389
Legal and accounting activities	10	90	5,639,878	6,575	6,575	5,633,303
Activities of head offices; management consultancy activities	8	43	73,556	21,721	21,721	51,835
Architectural and engineering activities; technical testing and analysis	1	4	48,482	800	800	47,682
Scientific research and development	2	43	4,307,747	887,536	887,536	3,420,211
Advertising and market research	3	12	94,388	3,881	2,872	90,508
Other professional, scientific and technical activities	114	590	2,802,100	519,413	390,587	2,282,687
Veterinary activities	5	120	434,624	33,460	33,460	401,164
Administrative and support service activities	214	739	11,122,990	1,843,652	1,820,959	9,279,343
Rental and leasing activities	33	100	1,349,794	143,792	138,468	1,206,001
Employment activities	5	57	448,100	4,280	4,280	443,820
Travel agency, tour operator, reservation service and related activities	10	46	416,703	33,713	36,713	382,990
Security and investigation activities	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0
Office administrative, office support and other business support activities	166	537	8,908,393	1,661,867	1,641,498	7,246,531
Education	600	10,763	38,156,727	3,705,216	3,585,582	34,451,511
Education	600	10,763	38,156,727	3,705,216	3,585,582	34,451,511
Human health and social work activities	153	2,754	33,847,022	4,688,543	4,498,537	29,158,478
Human health activities	130	2,440	28,890,839	4,375,232	4,184,975	24,515,607
Residential care activities	4	90	1,042,303	54,219	54,219	988,083
Social work activities without accommodation	19	223	3,913,880	259,092	259,344	3,654,788
Arts, entertainment and recreation	91	260	2,106,477	146,060	146,174	1,960,417
Creative, arts and entertainment activities	9	25	82,966	18,490	18,490	64,476
Libraries, archives, museums and other cultural activities	4	35	137,652	1,652	1,652	136,000
Gambling and betting activities	61	135	1,640,869	86,076	86,076	1,554,793
Sports activities and amusement and recreation activities	18	64	244,990	39,842	39,956	205,149
Other service activities	7,198	45,857	60,709,530	7,517,464	7,132,872	53,192,033
Activities of membership organization	4,883	36,265	30,640,968	1,312,535	1,312,535	29,328,433
Repair of computers and personal	422	1,647	4,949,228	686,719	500,629	4,262,509
Other personal service activities	1,893	7,945	25,119,334	5,518,210	5,319,708	19,601,091

Table A.59: Trading account of businesses in the service sector in Upper East region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Upper East - All Sectors	14,282	89,551	4,869,213,850	1,798,958,745	1,773,881,433	3,070,255,155
Service Sector	10,461	63,716	4,384,606,739	1,629,455,512	1,608,435,312	2,755,151,285
Wholesale and retail trade and repair of motor vehicles and motorcycles	5,037	17,639	1,545,908,827	951,025,038	929,680,617	594,883,811
Wholesale and retail trade and repair of motor vehicles and motorcycles	562	2,834	38,677,219	16,841,665	15,463,468	21,835,514
Wholesale trade, except of motor vehicles and motorcycles	387	1,484	151,434,171	94,434,122	82,314,878	57,000,069
Retail trade, except of motor vehicles and motorcycles	4,089	13,321	1,355,797,436	839,749,251	831,902,272	516,048,227
Transportation and storage	72	663	9,576,525	58,054	57,871	9,518,471
Land transport and transport via pipelines	28	423	9,185,112	41,921	41,921	9,143,190
Water transport	0	0	0	0	0	0
Air transport	1	3	24,000	88	88	23,912
Warehousing and support activities for transportation	40	234	339,765	8,983	8,983	330,782
Postal and courier activities	3	3	27,648	7,061	6,878	20,587
Accommodation and food service activities	1,496	5,993	162,214,620	64,004,279	64,418,334	98,210,340
Accommodation	67	421	38,920,250	6,498,629	6,443,608	32,421,621
Food and beverage service activities	1,429	5,571	123,294,370	57,505,650	57,974,727	65,788,720
Information and communication	39	449	10,741,356	307,052	299,786	10,434,303
Publishing activities	0	0	0	0	0	0
Motion picture, video and television programme production, sound recording	14	80	56,002	12,701	12,251	43,301
Programming and broadcasting activities	8	214	881,411	8,403	8,403	873,008
Telecommunications	11	124	9,542,142	270,090	269,607	9,272,052
Computer programming, consultancy and related activities	0	0	0	0	0	0
Information service activities	6	31	261,801	15,858	9,525	245,942
Financial and insurance activities	115	1,589	42,935,695	1,771,723	1,774,323	41,163,972
Financial service activities, except insurance and pension funding	100	1,214	36,878,193	1,637,668	1,640,268	35,240,525
Insurance, reinsurance and pension funding, except compulsory social security	6	83	5,330,289	4,601	4,601	5,325,688
Activities auxiliary to financial service and insurance activities	9	292	727,213	129,454	129,454	597,759

Table A.59: Trading account of businesses in the service sector in Upper East region (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	1	3	50,000	1,980	1,980	48,020
Real estate activities	1	3	50,000	1,980	1,980	48,020
Professional, scientific and technical activities	67	468	3,896,820	393,346	379,376	3,503,474
Legal and accounting activities	2	20	127,874	4,408	4,408	123,466
Activities of head offices; management consultancy activities	2	19	271,564	1,385	1,385	270,179
Architectural and engineering activities; technical testing and analysis	2	41	1,441,378	15,891	15,891	1,425,487
Scientific research and development	2	8	61,659	2,771	2,771	58,888
Advertising and market research	1	16	128,000	0	0	128,000
Other professional, scientific and technical activities	58	364	1,866,345	368,891	354,921	1,497,454
Veterinary activities	0	0	0	0	0	0
Administrative and support service activities	137	608	4,876,993	1,354,919	1,338,627	3,522,074
Rental and leasing activities	17	97	1,175,756	839,826	839,703	335,930
Employment activities	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	4	21	830,738	43,757	43,757	786,981
Security and investigation activities	1	19	30,400	5,664	5,664	24,736
Services to buildings and landscape activities	20	81	64,161	13,942	13,942	50,219
Office administrative, office support and other business support activities	95	391	2,775,938	451,730	435,561	2,324,207
Education	470	7,158	20,261,418	1,937,792	1,921,964	18,323,626
Education	470	7,158	20,261,418	1,937,792	1,921,964	18,323,626
Human health and social work activities	161	3,023	2,351,011,835	484,459,761	484,640,972	1,866,552,108
Human health activities	147	2,740	2,346,261,885	484,390,266	484,571,477	1,861,871,653
Residential care activities	2	19	159,121	6,992	6,992	152,129
Social work activities without accommodation	12	264	4,590,829	62,503	62,503	4,528,326
Arts, entertainment and recreation	65	193	4,571,381	1,299,881	1,289,981	3,271,500
Creative, arts and entertainment activities	7	37	1,732,768	1,183,860	1,173,860	548,908
Libraries, archives, museums and other cultural activities	4	26	25,442	2,700	2,700	22,742
Gambling and betting activities	50	117	2,456,020	106,141	106,241	2,349,879
Sports activities and amusement and recreation activities	4	13	357,151	7,180	7,180	349,971
Other service activities	2,801	25,931	228,561,269	122,841,688	122,631,482	105,719,585
Activities of membership organization	1,087	18,870	10,039,962	400,201	399,618	9,639,760
Repair of computers and personal	426	2,084	192,338,552	116,679,763	116,863,844	75,658,794
Other personal service activities	1,288	4,977	26,182,755	5,761,724	5,368,020	20,421,032

Table A.60: Trading account of businesses in the service sector in Upper West region

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Upper West - All Sectors	12,526	50,415	2,527,078,411	1,164,872,097	1,135,063,411	1,362,206,391
Services Sector	9,593	35,001	2,009,449,010	903,340,089	882,400,161	1,106,108,995
Wholesale and retail trade and repair of motor vehicles and motorcycles	6,262	17,673	1,209,566,167	837,182,371	816,442,412	372,383,881
Wholesale and retail trade and repair of motor vehicles and motorcycles	753	4,173	132,300,824	64,752,136	61,819,119	67,548,698
Wholesale trade, except of motor vehicles and motorcycles	124	518	200,852,724	174,501,437	171,960,107	26,351,289
Retail trade, except of motor vehicles and motorcycles	5,384	12,981	876,412,618	597,928,797	582,663,187	278,483,894
Transportation and storage	43	474	9,082,622	747,438	748,091	8,335,183
Land transport and transport via pipelines	34	447	8,919,008	742,845	743,499	8,176,162
Water transport	0	0	0	0	0	0
Air transport	2	9	66,550	982	982	65,568
Warehousing and support activities for transportation	2	6	58,445	494	494	57,951
Postal and courier activities	5	12	38,619	3,117	3,116	35,502
Accommodation and food service activities	1000	3,407	104,148,942	36,490,528	36,510,882	67,658,414
Accommodation	65	358	12,437,572	1,117,386	1,204,320	11,320,186
Food and beverage service activities	935	3,050	91,711,370	35,373,142	35,306,562	56,338,228
Information and communication	31	387	1,713,065	185,573	184,353	1,527,491
Publishing activities	3	7.5	95,000	2,763	2,763	92,238
Motion picture, video and television programme production, sound recording	2	32	38,640	1,524	804	37,116
Programming and broadcasting activities	6	130	443,496	11,121	11,121	432,374
Telecommunications	9	44	1,014,525	167,251	166,751	847,274
Computer programming, consultancy and related activities	0	0	0	0	0	0
Information service activities	11	174	121,404	2,915	2,915	118,490
Financial and insurance activities	50	673	615,326,313	14,930,923	14,819,748	600,395,380
Financial service activities, except insurance and pension funding	45	594	614,188,446	14,926,570	14,815,395	599,261,866
Insurance, reinsurance and pension funding, except compulsory social security	5	79	1,137,867	4,353	4,353	1,133,514
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0

Table A.60: Trading account of businesses in the service sector in Upper West (Cont'd)

Sector	Number of Establishments	Number of Persons Engaged	Revenue GH¢	Cost of Goods Sold GH¢	Input Cost GH¢	Gross Profit GH¢
Real estate activities	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0
Professional, scientific and technical activities	28	294	3,277,209	131,241	132,681	3,145,968
Legal and accounting activities	2	13	307,700	1,473	2,673	306,227
Activities of head offices; management consultancy activities	2	22	207,371	1,317	1,317	206,054
Architectural and engineering activities; technical testing and analysis	5	91	1,474,193	29,114	29,114	1,445,079
Scientific research and development	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0
Other professional, scientific and technical activities	19	168	1,287,945	99,337	99,577	1,188,608
Veterinary activities	0	0	0	0	0	0
Administrative and support service activities	83	471	2,153,848	372,725	386,250	1,781,122
Rental and leasing activities	10	28	221,227	25,360	25,360	195,867
Employment activities	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	1	2	132,000	519	519	131,481
Security and investigation activities	2	169	402,000	19,812	19,812	382,188
Services to buildings and landscape activities	0	0	0	0	0	0
Office administrative, office support and other business support activities	70	272	1,398,621	327,034	340,559	1,071,586
Education	283	2,638	21,533,242	3,982,468	3,930,849	17,550,775
Education	283	2,638	21,533,242	3,982,468	3,930,849	17,550,775
Human health and social work activities	94	1,875	28,675,789	5,652,776	5,643,190	23,023,013
Human health activities	78	1,590	26,751,495	5,481,256	5,471,670	21,270,240
Residential care activities	1	11	19,069	1,828	1,828	17,241
Social work activities without accommodation	15	273	1,905,225	169,693	169,693	1,735,532
Arts, entertainment and recreation	22	72	1,020,923	731,678	731,230	289,245
Creative, arts and entertainment activities	0	0	0	0	0	0
Libraries, archives, museums and other cultural activities	2	27	8,373	0	0	8,373
Gambling and betting activities	17	38	974,010	731,203	730,755	242,807
Sports activities and amusement and recreation activities	3	7	38,540	475	475	38,065
Other service activities	1,699	7,036	12,950,892	2,932,367	2,870,474	10,018,523
Activities of membership organization	727	3,073	2,381,239	257,253	257,253	2,123,986
Repair of computers and personal	133	420	1,913,496	667,810	679,896	1,245,686
Other personal service activities	839	3,544	8,656,156	2,007,304	1,933,326	6,648,852

Table A.61: Compensation of employees in the Agriculture sector by size

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS -National	3,102,917	1,823,070	28,727,528,284	1,044,346,659	666,599,065	535,337
Large-Sized Businesses	515,152	467,920	18,278,503,406	703,797,358	452,428,312	1,410
Medium-Sized Businesses	371,743	317,038	2,958,189,212	164,353,117	75,206,957	7,745
Small-Sized Businesses	1,219,792	705,406	4,876,670,541	156,737,398	121,157,869	111,382
Micro-Sized Businesses	996,230	332,706	2,614,165,125	19,458,786	17,805,928	414,800
Agriculture						
Agriculture, forestry and fishing	54,267	44,333	144,384,622	8,400,790	4,208,197	3,033
Large-Sized Businesses	28,145	26,761	58,194,773	2,933,155	1,938,337	140
Medium-Sized Businesses	6,533	4,981	44,320,418	3,815,808	572,680	127
Small-Sized Businesses	14,615	10,191	36,902,462	1,597,711	844,278	1,217
Micro-Sized Businesses	4,975	2,400	4,966,970	54,115	852,903	1,549
Crop and animal production, hunting and related service activities	51,155	41,635	97,080,321	5,219,712	2,570,214	2,859
Large-Sized Businesses	27,179	25,935	44,501,860	2,710,769	743,167	135
Medium-Sized Businesses	5,935	4,445	14,514,788	1,093,036	135,552	116
Small-Sized Businesses	13,306	8,980	33,272,125	1,361,839	839,003	1,139
Micro-Sized Businesses	4,735	2,275	4,791,547	54,067	852,493	1,469
Forestry and logging	697	639	2,111,791	152,164	3,415	38
Large-Sized Businesses	252	252	81,891	0	0	1
Medium-Sized Businesses	33	21	30,180	3,398	1,000	1
Small-Sized Businesses	389	361	1,990,600	148,718	2,415	23
Micro-Sized Businesses	23	5	9,120	48	0	13
Fishing and aquaculture	2,415	2,059	45,192,510	3,028,914	1,634,568	136
Large-Sized Businesses	714	574	13,611,022	222,386	1,195,170	4
Medium-Sized Businesses	565	515	29,775,450	2,719,374	436,128	10
Small-Sized Businesses	920	851	1,639,736	87,154	2,860	55
Micro-Sized Businesses	217	120	166,302	0	410	67

Table A.62: Compensation of employees in the agriculture sector

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In- Kind) [GH¢]	Social Security [GH¢]	Other Supplement to Wages and Salaries [GH¢]	Number of Establishments
ALL SECTORS - National	3,102,917	1,823,070	28,727,528,284	1,044,346,659	666,599,065	535,337
Agriculture	54,267	44,333	144,384,622	8,400,790	4,208,197	3,033
Agriculture, forestry and fishing	54,267	44,333	144,384,622	8,400,790	4,208,197	3,033
Crop and animal production, hunting and related service activities	51,155	41,635	97,080,321	5,219,712	2,570,214	2,859
Forestry and logging	697	639	2,111,791	152,164	3,415	38
Fishing and aquaculture	2,415	2,059	45,192,510	3,028,914	1,634,568	136

Table A.63: Compensation of employees in the agriculture sector in Western region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In- Kind) [GH¢]	Social Security [GH¢]	Other Supplement to Wages and Salaries [GH¢]	Number of Establishments
ALL SECTORS - Western	318,698	174,574	10,647,812,918	74,757,902	67,439,511	58,977
Agriculture	17,305	16,683	19,892,759	1,020,778	722,833	708
Agriculture, forestry and fishing	17,305	16,683	19,892,759	1,020,778	722,833	708
Crop and animal production, hunting and related service activities	17,221	16,608	19,524,417	1,016,613	721,283	700
Forestry and logging	67	67	353,842	4,165	1,440	4
Fishing and aquaculture	17	8	14,500	0	110	4

Table A.64: Compensation of employees in the agriculture sector in Central region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to Wages and Salaries [GH¢]	Number of Establishments
ALL SECTORS - Central	205,913	97,820	473,201,749	19,172,639	4,648,759	46,177
Agriculture	3,154	2,731	7,823,712	629,885	66,302	153
Agriculture, forestry and fishing	3,154	2,731	7,823,712	629,885	66,302	153
Crop and animal production, hunting and related service activities	3,113	2,700	7,746,682	629,885	66,302	147
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	41	31	77,030	0	0	6

Table A.65: Compensation of employees in the agriculture sector in Greater Accra region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - Greater Accra	1,115,768	866,581	13,196,310,136	783,088,636	525,558,980	135,470
Agriculture	6,036	5,738	68,057,811	4,355,331	2,826,280	241
Agriculture, forestry and fishing	6,036	5,738	68,057,811	4,355,331	2,826,280	241
Crop and animal production, hunting and related service activities	4,527	4,239	24,057,296	1,371,092	1,195,582	201
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	1,509	1,499	44,000,515	2,984,239	1,630,698	39

Table A.66: Compensation of employees in the agriculture sectors in Volta region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - Volta	157,131	72,702	294,578,518	9,816,186	1,938,768	39,527
Agriculture	3,737	2,065	5,858,207	355,470	31,876	232
Agriculture, forestry and fishing	3,737	2,065	5,858,207	355,470	31,876	232
Crop and animal production, hunting and related service activities	3,442	1,967	5,692,225	354,967	29,376	220
Forestry and logging	36	33	75,092	48	0	4
Fishing and aquaculture	259	65	90,890	455	2,500	8

Table A.67: Compensation of employees in the agriculture sector in Eastern region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - Eastern	221,835	115,202	895,415,206	30,283,711	16,047,092	49,217
Agriculture	5,818	2,653	6,801,436	361,245	170,692	325
Agriculture, forestry and fishing	5,818	2,653	6,801,436	361,245	170,692	325
Crop and animal production, hunting and related service activities	5,356	2,214	5,502,385	302,449	170,092	301
Forestry and logging	136	129	484,970	23,367	0	7
Fishing and aquaculture	326	310	814,081	35,429	600	17

Table A.68: Compensation of employees in the agriculture sector in Ashanti region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - Ashanti	523,308	267,631	1,793,298,999	71,816,895	34,455,190	98,839
Agriculture	10,549	9,230	24,722,104	1,156,311	18,686	549
Agriculture, forestry and fishing	10,549	9,230	24,722,104	1,156,311	18,686	549
Crop and animal production, hunting and related service activities	10,131	8,825	23,690,625	1,052,434	17,711	538
Forestry and logging	375	370	956,507	95,086	975	8
Fishing and aquaculture	44	35	74,972	8,791	0	3

Table A.69: Compensation of employees in the agriculture sector in Brong Ahafo region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - Brong Ahafo	231,590	112,096	673,998,041	23,278,494	9,176,310	44,405
Agriculture	4,636	3,189	8,019,949	315,351	225,913	575
Agriculture, forestry and fishing	4,636	3,189	8,019,949	315,351	225,913	575
Crop and animal production, hunting and related service activities	4,478	3,120	7,712,429	285,853	224,253	546
Forestry and logging	70	40	241,380	29,498	1,000	13
Fishing and aquaculture	88	29	66,140	0	660	16

Table A.70: Compensation of employees in the agriculture sector in Northern Region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS -Northern	188,709	70,981	394,653,838	24,930,257	5,423,722	35,917
Agriculture	2,228	1,643	2,565,764	174,126	107,533	202
Agriculture, forestry and fishing	2,228	1,643	2,565,764	174,126	107,533	202
Crop and animal production, hunting and related service activities	2,084	1,560	2,511,381	174,126	107,533	158
Forestry and logging	14	0	0	0	0	2
Fishing and aquaculture	130	83	54,382	0	0	42

Table A.71: Compensation of employees in the agriculture sector in Upper East region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS -Upper East	89,551	30,494	256,801,152	4,205,430	1,402,849	14,282
Agriculture	305	131	389,940	17,550	13,818	20
Agriculture, forestry and fishing	305	131	389,940	17,550	13,818	20
Crop and animal production, hunting and related service activities	305	131	389,940	17,550	13,818	20
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0

Table A.72: Compensation of employees in the agriculture sectors in Upper West

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - Upper West	50,415	14,990	101,457,727	2,996,511	507,884	12,526
Agriculture	499	271	252,940	14,743	24,264	30
Agriculture, forestry and fishing	499	271	252,940	14,743	24,264	30
Crop and animal production, hunting and related service activities	497	271	252,940	14,743	24,264	29
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	2	0	0	0	0	1

Table A.73: Compensation of employees in the industry sector

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - National	3,102,917	1,823,070	28,727,528,284	1,044,346,659	666,599,065	535,337
Industry	734,341	417,528	11,510,454,241	236,227,988	230,705,122	106,330
Mining and quarrying	48,977	40,121	8,855,455,213	75,377,113	70,011,597	293
Extraction of crude petroleum and natural gas	1,127	1,119	7,357,801,903	9,505,409	16,185,276	6
Mining of metal ores	40,358	32,718	1,291,154,149	55,985,477	50,322,232	129
Other mining and quarrying	4,083	3,191	38,639,142	1,942,989	526,050	102
Mining support service activities	3,410	3,093	167,860,020	7,943,238	2,978,039	56
Manufacturing	570,327	271,862	1,188,588,784	50,225,356	50,298,287	101,789
Manufacture of food products	96,405	58,110	235,763,122	10,526,560	4,289,395	17,471
Manufacture of beverages	24,494	19,586	121,918,920	5,689,542	28,456,202	2,328
Manufacture of textiles	22,608	10,332	38,756,280	1,536,632	1,612,657	2,596
Manufacture of wearing apparel	198,402	42,059	108,201,140	2,652,463	953,209	49,812
Manufacture of leather and related products	14,414	5,215	32,257,216	168,175	40,438	3,441
Manufacture of wood and of products of wood and cork, except furniture;	32,889	27,174	128,711,546	7,642,400	2,808,400	2,065
Manufacture of paper and paper products	5,026	4,345	13,373,988	803,999	845,242	288
Printing and reproduction of recorded media	12,357	8,987	44,005,515	2,205,373	666,378	1,689
Manufacture of coke and refined petroleum products	1,253	1,253	53,219,768	2,851,830	76,053	10
Manufacture of chemicals and chemical products	16,282	15,216	46,984,992	2,320,366	1,391,347	344
Manufacture of pharmaceuticals, medicinal chemical and botanical products	5,431	5,059	27,109,450	1,412,637	913,416	131
Manufacture of rubber and plastics products	10,053	9,738	57,198,515	2,863,364	1,496,938	202
Manufacture of other non-metallic mineral products	16,247	12,934	44,662,991	1,397,305	973,739	1,845
Manufacture of basic metals	6,284	4,925	40,065,755	1,985,075	943,803	383
Manufacture of fabricated metal products, except machinery and equipment	51,840	20,950	82,894,108	2,272,082	1,653,724	7,984
Manufacture of computer, electronic and optical products	699	486	2,187,711	31,664	13,589	123
Manufacture of electrical equipment	1,622	1,211	11,122,839	493,217	1,060,751	129
Manufacture of machinery and equipment n.e.c.	2,421	1,143	5,732,672	215,759	104,257	360

Table A.73: Compensation of employees in the industry sector (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Manufacture of motor vehicles, trailers and semi-trailers	1,551	516	3,368,247	121,324	63,684	353
Manufacture of other transport equipment	332	141	326,950	3,668	2,300	96
Manufacture of furniture	34,527	15,068	51,239,599	1,227,133	1,169,925	7,088
Other manufacturing	7,129	4,018	17,567,333	440,086	139,581	1,078
Repair and installation of machinery and equipment	8,060	3,396	21,920,126	1,364,704	623,262	1,971
Electricity, gas, steam and air conditioning supply	18,063	17,280	807,455,034	67,386,080	82,314,744	327
Electricity, gas, steam and air conditioning supply	18,063	17,280	807,455,034	67,386,080	82,314,744	327
Water supply; sewerage, waste management	25,407	24,242	127,834,115	13,943,286	18,812,306	507
Water collection, treatment and supply	8,949	8,029	85,488,975	10,148,409	18,286,260	334
Sewerage	70	70	836,434	60,799	59,256	6
Waste collection, treatment and disposal activities; materials recovery	16,387	16,143	41,508,707	3,734,078	466,790	167
Construction	71,567	64,023	531,121,095	29,296,153	9,268,189	3,414
Construction of buildings	37,320	34,962	257,787,521	13,263,607	2,360,158	1,464
Civil engineering	20,316	19,555	202,493,481	12,956,784	5,361,112	500
Specialized construction activities	13,931	9,506	70,840,092	3,075,763	1,546,919	1,450

Table A.74: Compensation of employees in the industry sub-sector by size

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - National	3,102,917	1,823,070	28,727,528,284	1,044,346,659	666,599,065	535,337
Large-Sized Businesses	515,152	467,920	18,278,503,406	703,797,358	452,428,312	1,410
Medium-Sized Businesses	371,743	317,038	2,958,189,212	164,353,117	75,206,957	7,745
Small-Sized Businesses	1,219,792	705,406	4,876,670,541	156,737,398	121,157,869	111,382
Micro-Sized Businesses	996,230	332,706	2,614,165,125	19,458,786	17,805,928	414,800
Industry	734,341	417,528	11,510,454,241	236,227,988	230,705,122	106,330
Large-Sized Businesses	178,551	163,721	10,259,699,644	188,315,373	200,236,346	403
Medium-Sized Businesses	65,410	56,556	432,618,772	24,785,680	21,127,003	1,302
Small-Sized Businesses	288,618	135,214	660,229,405	21,341,168	6,922,949	27,693
Micro-Sized Businesses	201,762	62,037	157,906,419	1,785,767	2,418,824	76,931
Mining and quarrying	48,977	40,121	8,855,455,213	75,377,113	70,011,597	293
Large-Sized Businesses	43,105	34,989	8,648,600,001	67,837,221	57,975,766	43
Medium-Sized Businesses	3,654	3,239	109,904,418	5,652,429	11,437,170	65
Small-Sized Businesses	2,069	1,779	95,880,665	1,881,483	595,657	144
Micro-Sized Businesses	149	114	1,070,129	5,980	3,004	41
Manufacturing	570,327	271,862	1,188,588,784	50,225,356	50,298,287	101,789
Large-Sized Businesses	80,040	74,886	533,658,107	31,256,735	39,022,615	215
Medium-Sized Businesses	39,556	32,050	169,026,168	8,274,195	4,305,394	818
Small-Sized Businesses	253,318	105,217	348,652,185	9,476,656	4,645,491	25,171
Micro-Sized Businesses	197,413	59,709	137,252,324	1,217,770	2,324,788	75,585
Electricity, gas, steam and air conditioning supply	18,063	17,280	807,455,034	67,386,080	82,314,744	327
Large-Sized Businesses	13,642	12,891	762,770,231	66,369,662	82,245,240	25
Medium-Sized Businesses	309	301	8,884,934	158,095	28,672	5
Small-Sized Businesses	4,072	4,057	28,939,590	851,474	38,202	271
Micro-Sized Businesses	40	30	6,860,279	6,848	2,629	26

Table A.74: Compensation of employees in all industry sub-sector by size (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Water supply; sewerage, waste management	25,407	24,242	127,834,115	13,943,286	18,812,306	507
Large-Sized Businesses	18,738	18,341	101,231,031	11,515,383	18,193,772	43
Medium-Sized Businesses	3,563	3,323	18,607,769	1,809,553	239,774	55
Small-Sized Businesses	2,550	2,134	6,909,348	582,484	374,449	197
Micro-Sized Businesses	556	444	1,085,967	35,867	4,311	212
Construction	71,567	64,023	531,121,095	29,296,153	9,268,189	3,414
Large-Sized Businesses	23,027	22,614	213,440,274	11,336,371	2,798,953	77
Medium-Sized Businesses	18,328	17,643	126,195,482	8,891,409	5,115,994	359
Small-Sized Businesses	26,608	22,026	179,847,618	8,549,071	1,269,151	1,910
Micro-Sized Businesses	3,604	1,739	11,637,720	519,303	84,092	1,068

Table A.75: Compensation of employees in the industry sub-sectors in Western Region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Western	318,698	174,574	10,647,812,918	74,757,902	67,439,511	58,977
Industry	86,062	51,084	8,304,701,052	51,794,257	57,518,363	10,420
Mining and quarrying	30,120	22,749	8,160,576,827	43,000,321	53,387,054	118
Extraction of crude petroleum and natural gas	1,048	1,044	7,352,403,793	9,445,405	16,185,276	5
Mining of metal ores	28,222	20,898	757,280,276	30,791,269	36,623,646	77
Other mining and quarrying	330	317	2,055,867	113,479	13,113	28
Mining support service activities	520	491	48,836,892	2,650,168	565,020	7
Manufacturing	51,167	23,980	99,936,801	4,519,142	2,831,076	10,061
Manufacture of food products	10,064	7,014	29,599,926	1,548,812	988,439	1,890
Manufacture of beverages	1,115	923	2,068,819	62,097	34,606	81
Manufacture of textiles	205	13	31,360	750	5,800	57
Manufacture of wearing apparel	19,207	2,671	5,172,344	1,160	405,183	5,054
Manufacture of leather and related products	1,521	524	1,804,037	720	3,354	507
Manufacture of wood and of products of wood and cork, except furniture	7,707	7,292	28,135,465	2,135,516	441,073	181
Manufacture of paper and paper products	18	14	33,040	0	1,920	2
Printing and reproduction of recorded media	225	139	541,211	33,624	6,865	57
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	159	131	372,632	9,954	3,662	13
Manufacture of pharmaceuticals, medicinal chemical and botanical products	36	23	132,000	0	9,000	3
Manufacture of rubber and plastics products	615	612	8,068,669	238,702	0	5
Manufacture of other non-metallic mineral products	1,499	1,351	6,828,233	180,679	205,061	193
Manufacture of basic metals	257	180	800,727	4,688	11,348	52
Manufacture of fabricated metal products, except machinery and equipment	2,672	839	8,839,317	278,762	177,818	481
Manufacture of computer, electronic and optical products	3	1	1,500	0	0	3

Table A.75: Compensation of employees in the industry sub-sectors in Western region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	6	2	21,600	0	0	2
Manufacture of machinery and equipment n.e.c.	68	13	60,540	480	4,406	10
Manufacture of motor vehicles, trailers and semi-trailers	92	6	50,295	0	18,000	14
Manufacture of other transport equipment	77	76	236,800	0	0	6
Manufacture of furniture	4,913	1,880	6,346,080	10,157	506,180	1,108
Other manufacturing	93	29	80,274	0	2,203	15
Repair and installation of machinery and equipment	613	247	711,931	13,041	6,158	328
Electricity, gas, steam and air conditioning supply	1,007	968	26,257,555	3,174,546	879,817	16
Electricity, gas, steam and air conditioning supply	1,007	968	26,257,555	3,174,546	879,817	16
Water supply; sewerage, waste management	953	920	1,668,753	140,151	33,060	48
Water collection, treatment and supply	255	225	829,665	74,244	3,900	42
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	698	695	839,088	65,907	29,160	6
Construction	2,815	2,466	16,261,116	960,097	387,355	178
Construction of buildings	1,664	1,604	6,122,093	336,925	178,125	76
Civil engineering	502	499	7,585,596	430,377	77,522	30
Specialized construction activities	650	363	2,553,427	192,795	131,708	71

Table A.76: Compensation of employees in the industry sub-sectors in Central region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Central	205,913	97,820	473,201,749	19,172,639	4,648,759	46,177
Industry	42,316	16,865	48,879,733	2,559,467	1,658,298	8,396
Mining and quarrying	489	448	7,449,981	112,978	3,500	8
Extraction of crude petroleum and natural gas	79	75	5,398,110	60,004	0	1
Mining of metal ores	199	197	936,000	0	0	2
Other mining and quarrying	211	176	1,115,871	52,974	3,500	5
Mining support service activities	0	0	0	0	0	0
Manufacturing	39,696	14,826	25,026,514	804,925	1,196,880	8,218
Manufacture of food products	8,013	3,564	6,563,492	365,908	340,912	1,166
Manufacture of beverages	2,042	1,002	2,343,700	111,394	33,023	522
Manufacture of textiles	626	217	276,218	0	20,910	236
Manufacture of wearing apparel	14,829	1,387	1,783,264	0	8,783	3,956
Manufacture of leather and related products	171	37	112,960	200	133	64
Manufacture of wood and of products of wood and cork, except furniture;	1,048	835	744,433	20,623	14,542	154
Manufacture of paper and paper products	150	123	367,147	1,763	6,000	15
Printing and reproduction of recorded media	520	217	518,455	11,639	6,469	114
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	4,282	4,212	4,044,849	197,869	415,398	22
Manufacture of pharmaceuticals, medicinal chemical and botanical products	209	169	384,650	26,400	1,050	28
Manufacture of rubber and plastics products	15	6	13,440	0	0	4
Manufacture of other non-metallic mineral products	815	657	2,023,008	26,622	3,320	127
Manufacture of basic metals	367	256	439,053	19,437	0	106
Manufacture of fabricated metal products, except machinery and equipment	2,554	639	1,658,993	8,385	151,905	461
Manufacture of computer, electronic and optical products	12	7	4,578	0	0	3

Table A.76: Compensation of employees in the industry sub-sectors in Central region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	22	12	43,120	0	0	3
Manufacture of machinery and equipment n.e.c.	664	176	594,268	14,445	4,450	104
Manufacture of motor vehicles, trailers and semi-trailers	86	7	25,088	0	0	26
Manufacture of other transport equipment	5	5	7,000	0	0	1
Manufacture of furniture	2,333	816	2,450,367	0	169,767	777
Other manufacturing	496	128	91,164	0	7,216	185
Repair and installation of machinery and equipment	435	352	537,268	240	12,999	144
Electricity, gas, steam and air conditioning supply	641	624	12,224,503	1,519,658	424,258	9
Electricity, gas, steam and air conditioning supply	641	624	12,224,503	1,519,658	424,258	9
Water supply; sewerage, waste management	212	171	280,026	9,598	1,850	17
Water collection, treatment and supply	212	171	280,026	9,598	1,850	17
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0
Construction	1,278	797	3,898,709	112,308	31,810	144
Construction of buildings	836	592	2,753,075	46,508	5,580	54
Civil engineering	196	89	677,303	56,347	1,412	29
Specialized construction activities	246	116	468,331	9,453	24,819	61

Table A.77: Compensation of employees in the industry sub-sectors in Greater Accra region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS -Greater Accra	1,115,768	866,581	13,196,310,136	783,088,636	525,558,980	135,470
Industry	238,580	187,426	1,963,292,968	118,043,011	147,866,771	23,976
Mining and quarrying	5,362	4,373	176,260,443	7,874,274	3,368,280	82
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	496	463	38,555,143	1,734,940	552,886	12
Other mining and quarrying	1,985	1,316	18,738,687	850,785	402,374	21
Mining support service activities	2,881	2,594	118,966,614	5,288,549	2,413,019	48
Manufacturing	162,569	115,910	675,927,484	29,842,044	39,588,088	21,956
Manufacture of food products	18,127	15,704	121,717,519	4,626,409	2,028,308	1,658
Manufacture of beverages	9,625	9,385	96,550,652	4,481,043	28,316,947	238
Manufacture of textiles	2,046	1,546	21,271,879	997,918	774,052	136
Manufacture of wearing apparel	47,099	22,042	56,936,818	1,627,871	103,353	13,048
Manufacture of leather and related products	2,205	578	2,185,118	55,888	18,830	334
Manufacture of wood and of products of wood and cork, except furniture	1,755	1,417	5,737,044	266,287	62,398	200
Manufacture of paper and paper products	3,021	2,603	8,714,566	515,972	239,622	171
Printing and reproduction of recorded media	6,778	5,793	34,716,780	1,726,197	594,707	609
Manufacture of coke and refined petroleum products	1,231	1,231	53,069,538	2,833,878	76,053	9
Manufacture of chemicals and chemical products	10,147	9,936	36,487,253	2,057,365	945,450	149
Manufacture of pharmaceuticals, medicinal chemical and botanical products	2,396	2,362	15,297,817	870,799	596,756	37
Manufacture of rubber and plastics products	9,188	9,039	48,834,918	2,616,812	1,495,098	153
Manufacture of other non-metallic mineral products	8,712	7,300	23,434,967	602,878	380,270	789
Manufacture of basic metals	4,764	3,837	34,588,677	1,772,930	932,455	131
Manufacture of fabricated metal products, except machinery and equipment	19,666	11,782	48,138,532	1,657,146	1,167,588	2,331
Manufacture of computer, electronic and optical products	473	415	2,047,474	30,791	8,937	45

Table A.77: Compensation of employees in the industry sub-sectors in Greater Accra region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	1,221	976	10,045,050	493,217	1,060,751	79
Manufacture of machinery and equipment n.e.c.	392	343	3,709,792	172,762	26,010	18
Manufacture of motor vehicles, trailers and semi-trailers	364	144	534,529	25,855	648	114
Manufacture of other transport equipment	49	44	40,360	3,668	0	3
Manufacture of furniture	8,164	5,357	19,936,038	835,134	309,871	1,205
Other manufacturing	3,247	2,786	14,992,453	398,464	115,571	252
Repair and installation of machinery and equipment	1,897	1,290	16,939,707	1,172,760	334,414	246
Electricity, gas, steam and air conditioning supply	12,698	12,184	582,564,020	44,180,842	78,392,709	277
Electricity, gas, steam and air conditioning supply	12,698	12,184	582,564,020	44,180,842	78,392,709	277
Water supply; sewerage, waste management	10,637	10,082	107,573,425	12,681,031	18,365,033	164
Water collection, treatment and supply	5,851	5,421	75,362,628	9,316,522	18,171,981	77
Sewerage	62	62	813,034	58,783	59,256	4
Waste collection, treatment and disposal activities; materials recovery	4,723	4,600	31,397,763	3,305,726	133,796	83
Construction	47,314	44,877	420,967,596	23,464,820	8,152,661	1,497
Construction of buildings	23,822	22,877	204,515,961	10,796,526	2,010,954	673
Civil engineering	14,932	14,602	154,620,696	10,034,011	4,814,959	261
Specialized construction activities	8,560	7,397	61,830,939	2,634,282	1,326,749	562

Table A.78: Compensation of employees in the industry sub-sectors in Volta region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Volta	157,131	72,702	294,578,518	9,816,186	1,938,768	39,527
Industry	41,028	18,638	51,027,873	2,949,626	825,890	9,804
Mining and quarrying	56	52	957,572	17,735	1,715	7
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0
Other mining and quarrying	56	52	957,572	17,735	1,715	7
Mining support service activities	0	0	0	0	0	0
Manufacturing	33,694	12,225	19,795,725	563,121	341,173	9,254
Manufacture of food products	8,328	3,464	3,398,578	93,585	31,712	2,855
Manufacture of beverages	2,505	1,792	4,069,409	55,314	13,330	321
Manufacture of textiles	3,554	1,864	1,590,072	27,656	787	826
Manufacture of wearing apparel	11,944	1,966	3,403,583	19,829	17,560	3,573
Manufacture of leather and related products	212	35	63,592	309	821	143
Manufacture of wood and of products of wood and cork, except furniture	1,761	1,502	3,258,270	228,378	13,937	168
Manufacture of paper and paper products	7	7	38,800	3,600	0	1
Printing and reproduction of recorded media	334	192	498,335	406	11,002	82
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	11	9	20,400	0	240	2
Manufacture of pharmaceuticals, medicinal chemical and botanical products	56	39	31,940	256	480	7
Manufacture of rubber and plastics products	14	10	33,550	300	0	5
Manufacture of other non-metallic mineral products	432	304	1,010,861	67,215	191,485	63
Manufacture of basic metals	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	1,049	288	793,668	46,147	11,252	301
Manufacture of computer, electronic and optical products	34	5	4,820	0	0	14

Table A78: Compensation of employees in the industry sub-sectors in Volta region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	78	41	108,000	0	0	14
Manufacture of machinery and equipment n.e.c.	151	43	164,097	875	17,220	26
Manufacture of motor vehicles, trailers and semi-trailers	54	8	1,731	0	0	6
Manufacture of other transport equipment	101	11	24,920	0	2,300	60
Manufacture of furniture	2,150	502	1,045,695	12,051	29,047	492
Other manufacturing	41	0	0	0	0	13
Repair and installation of machinery and equipment	879	146	235,404	7,200	0	282
Electricity, gas, steam and air conditioning supply	559	546	10,185,054	1,269,082	353,549	6
Electricity, gas, steam and air conditioning supply	559	546	10,185,054	1,269,082	353,549	6
Water supply; sewerage, waste management	936	717	1,731,084	108,540	15,240	52
Water collection, treatment and supply	305	200	477,123	22,643	15,080	35
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	631	518	1,253,961	85,897	160	16
Construction	5,783	5,098	18,358,438	991,149	114,213	486
Construction of buildings	4,686	4,430	13,992,048	593,413	92,460	287
Civil engineering	415	384	3,920,725	385,344	19,800	21
Specialized construction activities	683	284	445,666	12,392	1,953	178

Table A.79: Compensation of employees in the industry sub-sectors in Eastern region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Eastern	221,835	115,202	895,415,206	30,283,711	16,047,092	49,217
Industry	51,954	27,997	347,959,838	15,942,955	14,589,866	10,022
Mining and quarrying	5,254	5,027	255,408,899	11,022,536	12,622,669	28
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	4,794	4,648	251,120,909	10,702,916	12,592,348	14
Other mining and quarrying	460	379	4,287,990	319,620	30,321	14
Mining support service activities	0	0	0	0	0	0
Manufacturing	43,166	20,016	67,559,301	2,846,924	1,351,896	9,826
Manufacture of food products	11,338	7,523	29,573,297	1,995,415	201,830	2,126
Manufacture of beverages	2,366	2,135	4,677,070	96,364	22,522	235
Manufacture of textiles	1,360	1,239	4,741,675	333,870	808,892	76
Manufacture of wearing apparel	15,239	2,176	5,566,400	0	15,855	4,874
Manufacture of leather and related products	198	43	164,060	0	304	90
Manufacture of wood and of products of wood and cork, except furniture;	2,285	1,843	8,708,759	131,361	152,946	271
Manufacture of paper and paper products	188	180	236,275	28,410	0	4
Printing and reproduction of recorded media	545	320	830,644	20,160	4,304	119
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	89	48	100,592	2,812	485	11
Manufacture of pharmaceuticals, medicinal chemical and botanical products	711	617	2,958,183	221,672	45,267	23
Manufacture of rubber and plastics products	22	6	19,600	0	0	2
Manufacture of other non-metallic mineral products	1,327	1,103	2,742,547	4,490	39,200	217
Manufacture of basic metals	151	6	13,600	0	0	50
Manufacture of fabricated metal products, except machinery and equipment	1,996	740	1,566,043	868	11,018	476
Manufacture of computer, electronic and optical products	40	14	16,346	0	0	13

Table A79: Compensation of employees in the industry sub-sectors in Eastern region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	206	147	840,259	0	0	10
Manufacture of machinery and equipment n.e.c.	235	101	336,531	0	0	48
Manufacture of motor vehicles, trailers and semi-trailers	39	9	88,277	0	292	16
Manufacture of other transport equipment	6	2	3,000	0	0	4
Manufacture of furniture	3,044	1,348	3,169,223	8,117	9,457	795
Other manufacturing	1,505	372	902,899	300	5,973	288
Repair and installation of machinery and equipment	276	45	304,021	3,086	33,551	80
Electricity, gas, steam and air conditioning supply	596	578	14,183,475	1,772,934	494,968	1
Electricity, gas, steam and air conditioning supply	596	578	14,183,475	1,772,934	494,968	1
Water supply; sewerage, waste management	1,543	1,512	2,479,154	80,277	1,000	29
Water collection, treatment and supply	190	160	486,887	25,879	1,000	21
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	1,353	1,352	1,992,267	54,398	0	8
Construction	1,394	864	8,329,009	220,285	119,334	138
Construction of buildings	383	373	1,615,840	82,118	1,582	17
Civil engineering	442	407	6,553,399	131,379	115,400	17
Specialized construction activities	569	85	159,771	6,787	2,352	105

Table A.80: Compensation of employees in the industry sub-sectors in Ashanti region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Ashanti	523,308	267,631	1,793,298,999	71,816,895	34,455,190	98,839
Industry	135,261	66,410	531,099,190	28,996,708	3,643,877	20,948
Mining and quarrying	6,990	6,878	247,016,392	12,563,296	594,658	25
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	6,256	6,185	236,862,409	12,071,107	530,852	12
Other mining and quarrying	734	693	10,153,983	492,189	63,806	13
Mining support service activities	0	0	0	0	0	0
Manufacturing	119,997	52,624	202,304,834	8,449,807	1,045,346	20,447
Manufacture of food products	13,424	8,596	21,369,037	1,294,039	61,716	2,170
Manufacture of beverages	3,324	2,725	9,585,254	847,983	13,520	195
Manufacture of textiles	12,297	5,196	10,042,461	136,812	0	827
Manufacture of wearing apparel	35,076	6,836	25,595,182	955,095	104	8,697
Manufacture of leather and related products	9,415	3,855	27,592,326	111,058	5,715	2,075
Manufacture of wood and of products of wood and cork, except furniture	8,996	7,686	42,425,667	3,143,591	92,400	575
Manufacture of paper and paper products	1,265	1,058	2,003,593	47,190	0	90
Printing and reproduction of recorded media	3,224	1,994	6,305,966	398,262	37,638	561
Manufacture of coke and refined petroleum products	22	22	150,230	17,952	0	1
Manufacture of chemicals and chemical products	488	394	4,748,472	52,321	25,562	39
Manufacture of pharmaceuticals, medicinal chemical and botanical products	2,002	1,827	8,186,620	291,676	256,863	31
Manufacture of rubber and plastics products	136	40	150,986	7,550	1,440	25
Manufacture of other non-metallic mineral products	1,862	792	3,079,679	91,234	93,690	242
Manufacture of basic metals	704	634	4,169,997	188,019	0	36
Manufacture of fabricated metal products, except machinery and equipment	14,567	4,699	14,363,658	252,975	67,708	2,360
Manufacture of computer, electronic and optical products	105	31	64,834	873	0	36

Table A.80: Compensation of employees in the industry sub-sectors in Ashanti region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	64	32	64,810	0	0	6
Manufacture of machinery and equipment n.e.c.	454	313	356,752	9,595	3,600	80
Manufacture of motor vehicles, trailers and semi-trailers	834	330	2,592,602	95,468	43,794	142
Manufacture of other transport equipment	4	2	12,600	0	0	1
Manufacture of furniture	7,086	3,737	15,481,506	337,117	101,395	1,281
Other manufacturing	1,446	640	1,298,110	41,322	5,563	242
Repair and installation of machinery and equipment	3,201	1,185	2,664,494	129,673	234,639	735
Electricity, gas, steam and air conditioning supply	1,187	1,124	50,702,268	6,331,909	1,767,742	2
Electricity, gas, steam and air conditioning supply	1,187	1,124	50,702,268	6,331,909	1,767,742	2
Water supply; sewerage, waste management	2,233	2,101	3,124,924	261,138	1,500	81
Water collection, treatment and supply	864	733	1,554,305	135,310	0	66
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	1,369	1,369	1,570,619	125,829	1,500	15
Construction	4,855	3,682	27,950,772	1,390,558	234,631	393
Construction of buildings	1,782	1,534	13,949,831	611,916	55,016	84
Civil engineering	1,658	1,558	10,687,137	632,991	131,638	56
Specialized construction activities	1,416	590	3,313,804	145,651	47,977	253

Table A.81: Compensation of employees in the industry sub-sectors in Brong Ahafo region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Brong Ahafo	231,590	112,096	673,998,041	23,278,494	9,176,310	44,405
Industry	46,374	18,758	69,260,631	3,046,496	3,184,146	7,506
Mining and quarrying	312	311	2,852,292	315,320	0	5
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	170	169	2,518,800	278,550	0	2
Other mining and quarrying	142	142	333,492	36,770	0	3
Mining support service activities	0	0	0	0	0	0
Manufacturing	43,610	16,447	58,809,299	2,409,346	3,109,781	7,327
Manufacture of food products	8,956	5,777	11,867,290	260,657	325,850	1,283
Manufacture of beverages	748	545	931,240	29,736	12,898	126
Manufacture of textiles	68	14	20,600	0	400	15
Manufacture of wearing apparel	17,076	1,345	3,961,512	47,849	26,448	3,561
Manufacture of leather and related products	551	111	276,600	0	9,527	190
Manufacture of wood and of products of wood and cork, except furniture	6,301	5,739	29,472,396	1,702,534	2,018,319	330
Manufacture of paper and paper products	367	355	1,966,800	206,464	597,600	4
Printing and reproduction of recorded media	527	237	359,437	3,476	2,652	108
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	199	154	499,689	0	50	16
Manufacture of pharmaceuticals, medicinal chemical and botanical products	18	18	110,360	1,834	4,000	1
Manufacture of rubber and plastics products	33	17	64,680	0	400	3
Manufacture of other non-metallic mineral products	554	484	1,286,998	60,331	10,525	72
Manufacture of basic metals	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	3,977	696	5,089,128	24,780	50,049	680
Manufacture of computer, electronic and optical products	19	5	40,420	0	4,600	5

Table A.81: Compensation of employees in the industry sub-sectors in Brong Ahafo region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	2	0	0	0	0	2
Manufacture of machinery and equipment n.e.c.	235	59	219,909	10,942	15,212	27
Manufacture of motor vehicles, trailers and semi-trailers	60	9	66,725	0	950	29
Manufacture of other transport equipment	11	0	0	0	0	1
Manufacture of furniture	3,268	721	1,943,891	23,243	25,746	721
Other manufacturing	258	60	188,063	0	3,055	72
Repair and installation of machinery and equipment	380	101	443,560	37,500	1,500	82
Electricity, gas, steam and air conditioning supply	31	31	193,000	22,875	0	1
Electricity, gas, steam and air conditioning supply	31	31	193,000	22,875	0	1
Water supply; sewerage, waste management	902	864	1,224,760	95,983	4,771	40
Water collection, treatment and supply	410	373	802,223	83,608	3,571	35
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	492	491	422,537	12,375	1,200	5
Construction	1,520	1,105	6,181,281	202,971	69,594	133
Construction of buildings	804	739	4,791,931	147,616	1,000	50
Civil engineering	126	111	603,000	33,708	60,320	3
Specialized construction activities	590	255	786,349	21,647	8,274	80

Table A.82: Compensation of employees in the industry sub-sectors in Northern region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Northern Industry	188,709	70,981	394,653,838	24,930,257	5,423,722	35,917
Mining and quarrying	9	8	56,514	4,521	0	1
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0
Other mining and quarrying	0	0	0	0	0	0
Mining support service activities	9	8	56,514	4,521	0	1
Manufacturing	44,922	11,294	22,064,647	714,776	662,082	8,344
Manufacture of food products	10,958	4,839	8,464,330	332,585	158,399	2,617
Manufacture of beverages	863	426	720,015	1,507	7,851	157
Manufacture of textiles	531	70	236,447	0	1,789	84
Manufacture of wearing apparel	24,794	3,135	4,814,349	659	372,044	4,221
Manufacture of leather and related products	68	25	48,477	0	1,754	20
Manufacture of wood and of products of wood and cork, except furniture;	626	246	543,781	2,700	11,410	71
Manufacture of paper and paper products	10	4	13,768	600	100	2
Printing and reproduction of recorded media	123	70	200,439	11,608	2,741	20
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	591	205	667,472	45	0	52
Manufacture of pharmaceuticals, medicinal chemical and botanical products	4	4	7,880	0	0	1
Manufacture of rubber and plastics products	23	6	7,680	0	0	3
Manufacture of other non-metallic mineral products	868	805	4,180,536	363,857	50,187	91
Manufacture of basic metals	7	3	19,800	0	0	2
Manufacture of fabricated metal products, except machinery and equipment	2,837	886	1,537,817	1,215	13,288	477
Manufacture of computer, electronic and optical products	2	0	0	0	0	1

Table A.83: Compensation of employees in the industry sub-sectors in Northern region(Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	64	53	89,043	0	24,215	10
Manufacture of motor vehicles, trailers and semi-trailers	16	3	9,000	0	0	4
Manufacture of other transport equipment	13	0	0	0	0	13
Manufacture of furniture	2,317	512	488,980	0	18,304	455
Other manufacturing	10	2	14,370	0	0	2
Repair and installation of machinery and equipment	199	2	464	0	0	41
Electricity, gas, steam and air conditioning supply	1,140	1,048	95,411,958	9,061,118	1,700	10
Electricity, gas, steam and air conditioning supply	1,140	1,048	95,411,958	9,061,118	1,700	10
Water supply; sewerage, waste management	3,725	3,633	7,497,670	485,052	381,372	55
Water collection, treatment and supply	691	599	5,070,380	408,056	82,378	25
Sewerage	7	7	21,600	2,016	0	1
Waste collection, treatment and disposal activities; materials recovery	3,027	3,026	2,405,690	74,980	298,994	30
Construction	2,525	2,052	14,995,979	1,022,258	153,162	144
Construction of buildings	647	602	1,552,739	82,542	10,014	34
Civil engineering	1,209	1,151	12,565,620	888,490	140,060	47
Specialized construction activities	670	298	877,620	51,226	3,088	63

Table A.84: Compensation of employees in the industry sub-sectors in Upper East region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Upper East	89,551	30,494	256,801,152	4,205,430	1,402,849	14,282
Industry	25,529	8,495	33,759,309	867,082	214,247	3,802
Mining and quarrying	297	213	3,351,844	278,119	33,721	15
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	191	129	2,546,555	239,938	22,500	9
Other mining and quarrying	106	84	805,289	38,181	11,221	6
Mining support service activities	0	0	0	0	0	0
Manufacturing	19,452	3,035	6,796,729	53,140	166,825	3,639
Manufacture of food products	3,549	1,170	2,467,551	3,900	151,542	751
Manufacture of beverages	1,479	463	612,699	0	1,296	374
Manufacture of textiles	1,467	138	398,011	36,540	0	247
Manufacture of wearing apparel	8,388	372	428,960	0	1,319	1,730
Manufacture of leather and related products	58	5	7,011	0	0	12
Manufacture of wood and of products of wood and cork, except furniture;	1,965	298	1,610,992	3,285	0	69
Manufacture of paper and paper products	0	0	0	0	0	0
Printing and reproduction of recorded media	29	8	17,010	0	0	6
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	272	103	28,461	0	500	34
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0
Manufacture of rubber and plastics products	5	2	4,992	0	0	1
Manufacture of other non-metallic mineral products	47	36	41,206	0	0	24
Manufacture of basic metals	6	5	12,000	0	0	1
Manufacture of fabricated metal products, except machinery and equipment	1,268	244	665,445	1,804	3,024	205
Manufacture of computer, electronic and optical products	0	0	0	0	0	0

Table A84: Compensation of employees in the industry sub-sectors in Upper East region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	157	41	201,740	6,660	9,144	37
Manufacture of motor vehicles, trailers and semi railers	0	0	0	0	0	0
Manufacture of other transport equipment	5	1	2,270	0	0	1
Manufacture of furniture	635	124	224,736	951	0	129
Other manufacturing	0	0	0	0	0	0
Repair and installation of machinery and equipment	123	24	73,644	0	0	17
Electricity, gas, steam and air conditioning supply	198	170	15,708,201	53,115	0	6
Electricity, gas, steam and air conditioning supply	198	170	15,708,201	53,115	0	6
Water supply; sewerage, waste management	4,160	4,152	2,040,524	59,215	8,480	11
Water collection, treatment and supply	65	58	411,942	50,248	6,500	6
Sewerage	1	1	1,800	0	0	1
Waste collection, treatment and disposal activities; materials recovery	4,094	4,093	1,626,782	8,967	1,980	4
Construction	1,422	925	5,862,012	423,492	5,221	131
Construction of buildings	1,001	852	5,642,923	420,775	5,221	88
Civil engineering	78	50	131,948	1,188	0	4
Specialized construction activities	343	23	87,141	1,529	0	39

Table A.85: Compensation of employees in the industry sub-sectors in Upper West region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - Upper West	50,415	14,990	101,457,727	2,996,511	507,884	12,526
Industry	14,915	3,820	20,446,877	740,662	5,348	2,903
Mining and quarrying	88	61	1,524,448	188,013	0	5
Extraction of crude petroleum and natural gas	0	0	0	0	0	0
Mining of metal ores	29	29	1,334,057	166,757	0	1
Other mining and quarrying	59	32	190,391	21,256	0	4
Mining support service activities	0	0	0	0	0	0
Manufacturing	12,054	1,506	10,367,450	22,131	5,141	2,717
Manufacture of food products	3,648	459	742,102	5,250	687	956
Manufacture of beverages	427	191	360,061	4,104	208	79
Manufacture of textiles	454	36	147,558	3,086	28	92
Manufacture of wearing apparel	4,751	130	538,730	0	2,560	1,098
Manufacture of leather and related products	15	3	3,036	0	0	6
Manufacture of wood and of products of wood and cork, except furniture;	443	316	8,074,738	8,125	1,375	47
Manufacture of paper and paper products	0	0	0	0	0	0
Printing and reproduction of recorded media	51	17	17,238	0	0	13
Manufacture of coke and refined petroleum products	0	0	0	0	0	0
Manufacture of chemicals and chemical products	44	24	15,171	0	0	7
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0
Manufacture of rubber and plastics products	3	0	0	0	0	1
Manufacture of other non-metallic mineral products	130	102	34,956	0	0	28
Manufacture of basic metals	27	4	21,900	0	0	4
Manufacture of fabricated metal products, except machinery and equipment	1,253	138	241,507	0	75	213
Manufacture of computer, electronic and optical products	11	8	7,739	0	52	3

Table A.85: Compensation of employees in the industry sub-sectors in Upper West region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Manufacture of electrical equipment	22	0	0	0	0	13
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	6	0	0	0	0	2
Manufacture of other transport equipment	61	0	0	0	0	7
Manufacture of furniture	617	71	153,082	363	157	123
Other manufacturing	33	0	0	0	0	10
Repair and installation of machinery and equipment	57	6	9,633	1,204	0	15
Electricity, gas, steam and air conditioning supply	7	7	25,000	0	0	1
Electricity, gas, steam and air conditioning supply	7	7	25,000	0	0	1
Water supply; sewerage, waste management	107	90	213,795	22,302	0	10
Water collection, treatment and supply	107	90	213,795	22,302	0	10
Sewerage	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0
Construction	2,659	2,156	8,316,184	508,216	206	171
Construction of buildings	1,695	1,359	2,851,081	145,267	206	100
Civil engineering	759	703	5,148,058	362,949	0	31
Specialized construction activities	206	95	317,045	0	0	40

Table: A.86: Compensation of employees in the service sub-sectors

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - National	3,102,917	1,823,070	28,727,528,284	1,044,346,659	666,599,065	535,337
Service	2,314,309	1,361,209	17,072,689,421	799,717,881	431,685,746	425,974
Wholesale and retail trade; repair of motor vehicles and motorcycles	778,587	342,511	1,625,841,964	64,165,343	35,568,203	236,523
Wholesale and retail trade and repair of motor vehicles and motorcycles	151,267	61,636	222,774,444	6,177,429	3,477,984	25,733
Wholesale trade, except of motor vehicles and motorcycles	84,678	64,055	467,290,275	23,105,054	11,266,472	13,447
Retail trade, except of motor vehicles and motorcycles	542,643	216,821	935,777,245	34,882,859	20,823,747	197,343
Transportation and storage	41,292	35,316	336,873,140	15,034,300	59,207,124	2,303
Land transport and transport via pipelines	16,086	12,480	54,703,063	3,447,369	4,542,382	800
Water transport	1,671	1,615	10,952,221	677,006	248,097	67
Air transport	1,827	1,785	39,262,043	1,498,955	1,977,212	69
Warehousing and support activities for transportation	20,292	18,100	220,172,045	8,554,444	52,419,353	1,237
Postal and courier activities	1,416	1,335	11,783,768	856,525	20,080	130
Accommodation and food service activities	227,588	152,848	636,953,775	36,354,608	14,251,000	44,654
Accommodation	44,308	38,592	249,951,119	23,658,296	4,148,637	3,969
Food and beverage service activities	183,280	114,257	387,002,656	12,696,312	10,102,363	40,686
Information and communication	29,733	24,583	335,704,427	27,033,597	10,832,646	3,145
Publishing activities	2,379	1,914	19,632,156	2,041,961	1,015,874	158
Motion picture, video and television programme production, sound recording	1,386	876	5,864,327	230,655	5,414	378
Programming and broadcasting activities	7,078	5,583	41,394,973	3,021,346	2,214,511	365
Telecommunications	12,932	11,144	229,139,476	18,675,681	7,065,736	1,266
Computer programming, consultancy and related activities	3,455	3,194	23,350,902	1,535,167	267,508	456
Information service activities	2,502	1,872	16,322,593	1,528,787	263,605	523

Table: A.86: Compensation of employees in the service sub-sectors (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Financial and insurance activities	223,389	204,120	8,213,312,645	494,828,685	256,106,359	6,075
Financial service activities, except insurance and pension funding	204,229	188,088	7,785,623,109	466,776,202	239,237,567	5,094
Insurance, reinsurance and pension funding, except compulsory social security	15,407	12,607	354,245,630	25,549,905	15,903,671	443
Activities auxiliary to financial service and insurance activities	3,753	3,424	73,443,906	2,502,578	965,121	538
Real estate activities	7,408	6,908	40,691,376	2,470,838	360,202	413
Real estate activities	7,408	6,908	40,691,376	2,470,838	360,202	413
Professional, scientific and technical activities	39,921	28,935	358,959,459	16,564,072	5,444,463	4,598
Legal and accounting activities	4,004	3,193	40,115,410	2,637,258	662,317	505
Activities of head offices; management consultancy activities	3,834	3,231	63,460,751	2,861,219	1,275,983	363
Architectural and engineering activities; technical testing and analysis	10,578	8,556	136,778,859	6,126,709	2,414,702	747
Scientific research and development	1,269	1,179	24,800,405	1,830,703	39,464	36
Advertising and market research	2,999	2,544	30,613,868	2,047,227	732,705	194
Other professional, scientific and technical activities	16,950	10,005	60,533,201	933,787	294,434	2,724
Veterinary activities	288	227	2,656,964	127,169	24,857	28
Administrative and support service activities	88,022	76,112	1,380,611,499	12,995,308	5,744,060	5,151
Rental and leasing activities	5,852	4,362	21,486,367	1,175,349	869,893	1,167
Employment activities	31,400	31,196	65,274,474	3,142,573	3,583,352	209
Travel agency, tour operator, reservation service and related activities	1,825	1,543	15,693,991	1,213,146	136,651	301
Security and investigation activities	29,707	28,670	94,957,212	5,632,915	900,873	197
Services to buildings and landscape activities	3,784	3,620	6,724,089	512,306	79,273	184
Office administrative, office support and other business support activities	15,454	6,722	1,176,475,366	1,319,020	174,018	3,093

Table: A.86: Compensation of employees in the service sub-sectors (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Education	308,944	286,011	2,938,815,495	80,855,299	29,176,178	16,567
Education	308,944	286,011	2,938,815,495	80,855,299	29,176,178	16,567
Human health and social work activities	75,171	65,014	624,017,128	32,713,669	6,622,959	3,274
Human health activities	64,727	56,405	544,642,418	28,250,686	2,745,246	2,778
Residential care activities	1,996	1,806	15,589,667	446,564	14,910	127
Social work activities without accommodation	8,447	6,803	63,785,043	4,016,419	3,862,802	369
Arts, entertainment and recreation	16,385	11,697	39,454,311	1,975,664	2,387,237	4,657
Creative, arts and entertainment activities	3,752	2,933	5,804,159	345,807	35,714	351
Libraries, archives, museums and other cultural activities	838	707	4,657,903	158,405	55,909	71
Gambling and betting activities	8,577	6,011	23,462,003	1,106,744	2,230,249	3,575
Sports activities and amusement and recreation activities	3,218	2,045	5,530,245	364,708	65,365	661
Other service activities	477,868	127,153	541,454,203	14,726,498	5,985,315	98,614
Activities of membership organizations	262,654	73,503	386,334,741	11,796,712	2,880,751	37,983
Repair of computers and personal and household goods	30,354	9,995	42,275,868	2,030,266	521,821	9,624
Other personal service activities	184,860	43,655	112,843,594	899,520	2,582,743	51,007

Table: A.87: Compensation of employees in the service sub-sectors by size

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - NATIONAL	3,102,917	1,823,070	28,727,528,284	1,044,346,659	666,599,065	535,337
Large-Sized Businesses	515,152	467,920	18,278,503,406	703,797,358	452,428,312	1,410
Medium-Sized Businesses	371,743	317,038	2,958,189,212	164,353,117	75,206,957	7,745
Small-Sized Businesses	1,219,792	705,406	4,876,670,541	156,737,398	121,157,869	111,382
Micro-Sized Businesses	996,230	332,706	2,614,165,125	19,458,786	17,805,928	414,800
Services	2,314,309	1,361,209	17,072,689,421	799,717,881	431,685,746	425,974
Large-Sized Businesses	308,456	277,439	7,960,608,989	512,548,830	250,253,629	867
Medium-Sized Businesses	299,800	255,500	2,481,250,022	135,751,628	53,507,273	6,315
Small-Sized Businesses	916,560	560,001	4,179,538,674	133,798,519	113,390,642	82,472
Micro-Sized Businesses	789,493	268,269	2,451,291,736	17,618,904	14,534,201	336,320
Wholesale and retail trade; repair of motor vehicles and motorcycles	778,587	342,511	1,625,841,964	64,165,343	35,568,203	236,523
Large-Sized Businesses	21,250	20,567	220,968,457	15,700,000	11,169,584	79
Medium-Sized Businesses	37,214	32,419	337,209,129	23,084,868	6,290,677	854
Small-Sized Businesses	253,829	146,539	669,432,475	19,927,842	11,895,756	26,130
Micro-Sized Businesses	466,295	142,987	398,231,904	5,452,633	6,212,186	209,460
Transportation and storage	41,292	35,316	336,873,140	15,034,300	59,207,124	2,303
Large-Sized Businesses	12,700	11,835	191,558,998	7,493,529	50,983,123	47
Medium-Sized Businesses	10,485	7,906	61,839,834	3,628,803	5,820,249	215
Small-Sized Businesses	15,788	13,804	76,047,034	3,571,851	2,304,917	1,197
Micro-Sized Businesses	2,319	1,772	7,427,274	340,117	98,834	844
Accommodation and food service activities	227,588	152,848	636,953,775	36,354,608	14,251,000	44,654
Large-Sized Businesses	6,714	6,500	61,541,323	4,999,561	3,617,673	30
Medium-Sized Businesses	40,083	38,091	292,747,210	24,018,070	795,907	747
Small-Sized Businesses	80,612	65,677	195,543,710	6,389,611	7,800,891	7,595
Micro-Sized Businesses	100,180	42,580	87,121,532	947,365	2,036,530	36,283

Table: A.87: Compensation of employees in the service sub-sectors by size (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Information and communication	29,733	24,583	335,704,427	27,033,597	10,832,646	3,145
Large-Sized Businesses	9,936	9,547	198,622,754	16,429,394	6,649,736	34
Medium-Sized Businesses	5,771	5,028	82,208,360	7,792,127	2,947,899	131
Small-Sized Businesses	8,400	6,461	45,794,543	2,670,468	912,325	692
Micro-Sized Businesses	5,625	3,547	9,078,770	141,608	322,686	2,289
Financial and insurance activities	223,389	204,120	8,213,312,645	494,828,685	256,106,359	6,075
Large-Sized Businesses	139,449	129,923	5,469,474,903	430,633,308	166,457,738	299
Medium-Sized Businesses	31,455	28,867	536,017,764	28,056,323	10,930,597	627
Small-Sized Businesses	46,357	41,012	589,520,814	31,740,767	77,243,706	3,172
Micro-Sized Businesses	6,129	4,318	1,618,299,163	4,398,287	1,474,320	1,977
Real estate activities	7,408	6,908	40,691,376	2,470,838	360,202	413
Large-Sized Businesses	1,859	1,829	11,343,347	1,150,176	120,076	10
Medium-Sized Businesses	2,760	2,641	14,347,595	688,494	107,331	65
Small-Sized Businesses	2,205	1,945	11,754,830	544,517	119,695	181
Micro-Sized Businesses	585	493	3,245,604	87,651	13,100	158
Professional, scientific and technical activities	39,921	28,935	358,959,459	16,564,072	5,444,463	4,598
Large-Sized Businesses	3,204	2,451	50,265,705	3,308,348	925,821	14
Medium-Sized Businesses	4,875	3,994	64,084,521	3,835,884	1,364,187	105
Small-Sized Businesses	24,814	18,629	220,537,992	8,701,477	1,966,940	2,271
Micro-Sized Businesses	7,027	3,860	24,071,241	718,363	1,187,515	2,208
Administrative and support service activities	88,022	76,112	1,380,611,499	12,995,308	5,744,060	5,151
Large-Sized Businesses	60,766	55,576	1,292,942,325	7,102,019	3,975,288	85
Medium-Sized Businesses	7,476	7,235	29,996,524	2,553,521	957,511	137
Small-Sized Businesses	8,663	6,604	38,668,193	2,798,062	662,284	820
Micro-Sized Businesses	11,118	6,697	19,004,457	541,706	148,977	4,109

Table: A.87: Compensation of employees in the service sub-sectors by size (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Education	308,944	286,011	2,938,815,495	80,855,299	29,176,178	16,567
Large-Sized Businesses	13,595	12,909	180,812,774	7,762,412	1,725,301	95
Medium-Sized Businesses	103,929	98,752	812,051,896	30,788,315	22,566,571	2,383
Small-Sized Businesses	183,790	168,594	1,897,530,401	40,326,941	3,737,450	12,017
Micro-Sized Businesses	7,630	5,756	48,420,425	1,977,631	1,146,856	2,072
Human health and social work activities	75,171	65,014	624,017,128	32,713,669	6,622,959	3,274
Large-Sized Businesses	24,616	21,677	251,970,076	15,178,709	4,146,434	104
Medium-Sized Businesses	24,988	22,517	198,156,446	8,415,080	955,635	479
Small-Sized Businesses	22,225	18,373	136,263,229	7,979,110	1,286,818	1,678
Micro-Sized Businesses	3,341	2,446	37,627,377	1,140,770	234,072	1,012
Arts, entertainment and recreation	16,385	11,697	39,454,311	1,975,664	2,387,237	4,657
Large-Sized Businesses	3,665	3,197	6,972,579	563,667	39,787	17
Medium-Sized Businesses	1,373	1,242	8,314,011	418,269	77,745	31
Small-Sized Businesses	3,783	3,044	12,528,669	826,086	2,241,915	287
Micro-Sized Businesses	7,565	4,214	11,639,052	167,642	27,790	4,323
Other service activities	477,868	127,153	541,454,203	14,726,498	5,985,315	98,614
Large-Sized Businesses	10,703	1,427	24,135,749	2,227,705	443,069	54
Medium-Sized Businesses	29,392	6,808	44,276,732	2,471,874	692,964	541
Small-Sized Businesses	266,094	69,319	285,916,784	8,321,788	3,217,946	26,433
Micro-Sized Businesses	171,679	49,599	187,124,937	1,705,130	1,631,336	71,586

Table: A.88: Compensation of employees in the service sub-sectors in Western region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Western	318,698	174,574	10,647,812,918	74,757,902	67,439,511	58,977
Services	215,331	106,806	2,323,219,107	21,942,867	9,198,315	47,850
Wholesale and retail trade; repair of motor vehicles and motorcycles	78,766	33,378	105,021,990	2,253,847	3,476,975	26,045
Wholesale and retail trade and repair of motor vehicles and motorcycles	10,198	2,915	10,411,895	201,697	613,322	2,178
Wholesale trade, except of motor vehicles and motorcycles	14,770	9,856	28,701,502	566,750	427,262	3,251
Retail trade, except of motor vehicles and motorcycles	53,799	20,607	65,908,593	1,485,400	2,436,391	20,615
Transportation and storage	3,262	2,802	14,532,179	772,620	260,830	267
Land transport and transport via pipelines	1,289	960	3,515,838	184,035	50,640	134
Water transport	70	70	1,677,527	900	0	4
Air transport	9	9	550,803	0	0	1
Warehousing and support activities for transportation	1,865	1,735	8,611,188	574,756	209,390	120
Postal and courier activities	30	28	176,822	12,929	800	9
Accommodation and food service activities	27,145	13,223	87,934,841	3,295,987	541,474	6,529
Accommodation	4,543	3,963	12,322,002	861,602	190,124	369
Food and beverage service activities	22,602	9,261	75,612,839	2,434,385	351,350	6,160
Information and communication	1,700	1,206	6,501,911	276,927	137,466	222
Publishing activities	27	10	22,800	360	200	5
Motion picture, video and television programme production, sound recording	104	52	416,215	0	300	26
Programming and broadcasting activities	1,218	932	3,558,021	235,158	116,373	73
Telecommunications	260	162	2,436,465	38,509	18,915	75
Computer programming, consultancy and related activities	12	9	29,233	2,900	0	4
Information service activities	79	41	39,178	0	1,678	40

Table: A.88: Compensation of employees in the service sub-sectors in Western region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Financial and insurance activities	7,527	6,477	87,253,725	4,565,705	2,594,985	635
Financial service activities, except insurance and pension funding	6,996	6,013	71,933,375	4,313,588	2,546,004	554
Insurance, reinsurance and pension funding, except compulsory social security	332	269	13,334,390	148,955	20,945	37
Activities auxiliary to financial service and insurance activities	200	195	1,985,959	103,162	28,037	44
Real estate activities	75	65	484,658	8,722	8,400	9
Real estate activities	75	65	484,658	8,722	8,400	9
Professional, scientific and technical activities	2,787	1,801	23,181,741	459,675	65,949	336
Legal and accounting activities	125	89	830,626	21,777	5,328	26
Activities of head offices; management consultancy activities	53	42	271,286	28,957	0	7
Architectural and engineering activities; technical testing and analysis	1,076	826	16,926,708	338,224	32,918	83
Scientific research and development	62	62	188,182	23,523	0	1
Advertising and market research	102	75	310,208	30,452	14,245	7
Other professional, scientific and technical activities	1,359	700	4,105,139	15,918	13,459	210
Veterinary activities	10	8	549,593	824	0	2
Administrative and support service activities	7,445	2,677	1,163,866,308	622,934	182,832	486
Rental and leasing activities	562	361	1,479,310	54,408	45,896	134
Employment activities	240	233	807,596	45,651	43,986	13
Travel agency, tour operator, reservation service and related activities	39	32	1,463,187	179,574	2,000	9
Security and investigation activities	1,161	1,161	2,728,237	161,231	37,271	14
Services to buildings and landscape activities	82	77	231,769	9,432	0	8
Office administrative, office support and other business support activities	5,361	813	1,157,156,209	172,638	53,679	308

Table: A.88: Compensation of employees in the service sub-sectors in Western region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Education	27,911	25,546	703,998,552	7,259,290	874,904	1,835
Education	27,911	25,546	703,998,552	7,259,290	874,904	1,835
Human health and social work activities	5,566	4,785	58,474,015	1,551,716	284,496	254
Human health activities	5,431	4,667	50,297,569	1,414,599	230,277	242
Residential care activities	0	0	0	0	0	0
Social work activities without accommodation	135	118	8,176,446	137,117	54,219	12
Arts, entertainment and recreation	1,282	950	2,408,430	219,057	4,580	320
Creative, arts and entertainment activities	235	166	284,743	0	0	35
Libraries, archives, museums and other cultural activities	14	12	46,320	1,866	0	5
Gambling and betting activities	599	366	1,019,352	90,262	3,630	242
Sports activities and amusement and recreation activities	434	406	1,058,015	126,929	950	38
Other service activities	51,864	13,895	69,560,758	656,388	765,423	10,912
Activities of membership organizations	33,323	9,768	59,128,319	610,867	555,354	5,434
Repair of computers and personal and household goods	3,612	843	3,533,147	24,522	107,185	1,090
Other personal service activities	14,930	3,284	6,899,292	20,998	102,885	4,389

Table: A.89: Compensation of employees in the service sub-sectors in Central region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Central	205,913	97,820	473,201,749	19,172,639	4,648,759	46,177
Services	160,444	78,224	416,498,304	15,983,287	2,924,158	37,628
Wholesale and retail trade; repair of motor vehicles and motorcycles	58,240	17,132	43,174,394	718,114	854,319	19,832
Wholesale and retail trade and repair of motor vehicles and motorcycles	7,515	2,420	6,038,850	0	36,605	1,749
Wholesale trade, except of motor vehicles and motorcycles	4,628	3,296	12,298,212	389,392	174,663	811
Retail trade, except of motor vehicles and motorcycles	46,097	11,416	24,837,332	328,723	643,051	17,273
Transportation and storage	842	697	2,033,362	156,440	39,572	43
Land transport and transport via pipelines	668	532	1,881,158	155,438	34,572	33
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	67	61	84,614	0	0	8
Postal and courier activities	107	105	67,590	1,002	5,000	3
Accommodation and food service activities	18,903	10,660	24,415,246	1,086,961	498,569	4,936
Accommodation	5,056	4,544	12,697,069	1,003,392	153,843	457
Food and beverage service activities	13,847	6,116	11,718,177	83,569	344,726	4,479
Information and communication	979	605	1,706,505	124,634	14,039	190
Publishing activities	20	15	41,743	4,234	0	3
Motion picture, video and television programme production, sound recording	41	20	28,541	0	244	13
Programming and broadcasting activities	548	377	1,298,552	109,492	11,245	39
Telecommunications	184	129	294,386	10,376	1,530	70
Computer programming, consultancy and related activities	5	5	13,480	0	20	1
Information service activities	181	58	29,803	532	1,000	65

Table: A.89: Compensation of employees in the service sub-sectors in Central region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Financial and insurance activities	7,323	6,112	42,073,401	4,208,684	422,421	473
Financial service activities, except insurance and pension funding	6,862	5,735	38,225,665	4,006,894	384,939	430
Insurance, reinsurance and pension funding, except compulsory social security	445	364	3,792,563	198,287	34,161	37
Activities auxiliary to financial service and insurance activities	16	14	55,172	3,503	3,322	7
Real estate activities	220	187	1,070,230	85,095	1,000	17
Real estate activities	220	187	1,070,230	85,095	1,000	17
Professional, scientific and technical activities	1,850	1,396	23,587,992	82,816	18,028	241
Legal and accounting activities	68	48	983,183	5,842	4,030	14
Activities of head offices; management consultancy activities	12	8	31,600	3,645	4,050	2
Architectural and engineering activities; technical testing and analysis	830	657	13,385,333	62,462	3,776	74
Scientific research and development	0	0	0	0	0	0
Advertising and market research	19	18	11,342	520	0	6
Other professional, scientific and technical activities	922	666	9,176,534	10,347	6,171	145
Veterinary activities	0	0	0	0	0	0
Administrative and support service activities	2,146	1,690	1,739,859	75,387	14,740	339
Rental and leasing activities	320	180	188,636	432	3,887	70
Employment activities	7	3	93,972	0	0	2
Travel agency, tour operator, reservation service and related activities	22	15	43,940	0	5,100	4
Security and investigation activities	1,015	1,002	682,491	47,544	1,090	2
Services to buildings and landscape activities	73	72	172,474	21,304	0	1
Office administrative, office support and other business support activities	709	419	558,346	6,107	4,663	260

Table: A.89: Compensation of employees in the service sub-sectors in Central region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Education	28,543	25,781	209,864,001	7,291,352	162,818	1,581
Education	28,543	25,781	209,864,001	7,291,352	162,818	1,581
Human health and social work activities	4,424	3,893	29,188,355	1,638,980	232,160	202
Human health activities	3,357	2,934	22,673,633	1,437,985	103,948	139
Residential care activities	248	224	482,817	54,997	0	19
Social work activities without accommodation	819	735	6,031,905	145,998	128,212	43
Arts, entertainment and recreation	1,196	575	1,288,752	10,391	49,680	450
Creative, arts and entertainment activities	198	20	55,390	0	0	25
Libraries, archives, museums and other cultural activities	5	5	12,000	0	1,000	1
Gambling and betting activities	582	342	743,481	7,604	15	377
Sports activities and amusement and recreation activities	410	209	477,882	2,787	48,665	48
Other service activities	35,777	9,494	36,356,207	504,431	616,812	9,323
Activities of membership organizations	20,518	7,090	31,632,736	473,691	146,730	4,418
Repair of computers and personal and household goods	2,010	473	1,082,873	765	4,029	883
Other personal service activities	13,250	1,931	3,640,598	29,976	466,053	4,022

Table: A.90: Compensation of employees in the service sub-sectors in Greater Accra region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Greater Accra	1,115,768	866,581	13,196,310,136	783,088,636	525,558,980	135,470
Services	871,153	673,417	11,164,959,356	660,690,293	374,865,929	111,254
Wholesale and retail trade; repair of motor vehicles and motorcycles	246,620	155,051	980,175,210	49,868,714	25,228,245	61,426
Wholesale and retail trade and repair of motor vehicles and motorcycles	50,852	31,344	134,625,930	4,859,864	2,468,458	6,394
Wholesale trade, except of motor vehicles and motorcycles	34,757	30,550	353,117,556	18,567,788	9,497,565	3,861
Retail trade, except of motor vehicles and motorcycles	161,011	93,157	492,431,724	26,441,062	13,262,222	51,171
Transportation and storage	29,269	26,256	292,422,565	13,257,830	58,744,085	1,189
Land transport and transport via pipelines	8,865	7,322	30,814,665	2,445,418	4,332,071	326
Water transport	1,583	1,533	9,264,723	675,858	248,097	58
Air transport	1,806	1,764	38,656,168	1,495,430	1,977,212	65
Warehousing and support activities for transportation	16,173	14,838	204,679,221	7,909,750	52,186,706	724
Postal and courier activities	841	800	9,007,787	731,375	0	16
Accommodation and food service activities	87,766	74,135	395,496,794	28,233,650	11,753,235	9,959
Accommodation	19,530	17,633	192,463,221	19,310,191	3,236,263	1,267
Food and beverage service activities	68,236	56,503	203,033,573	8,923,458	8,516,972	8,692
Information and communication	18,945	17,189	301,927,196	25,763,888	10,607,509	1,165
Publishing activities	1,847	1,541	17,894,910	1,972,723	1,013,309	60
Motion picture, video and television programme production, sound recording	501	375	2,168,331	225,968	0	113
Programming and broadcasting activities	2,114	1,948	28,434,977	2,087,668	2,045,643	38
Telecommunications	10,277	9,345	215,398,287	18,476,419	7,027,114	499
Computer programming, consultancy and related activities	3,083	2,925	22,712,598	1,520,785	264,070	393
Information service activities	1,124	1,055	15,318,093	1,480,326	257,373	63

Table: A.90: Compensation of employees in the service sub-sectors in Greater Accra region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Financial and insurance activities	178,237	164,379	7,790,376,409	467,794,902	223,982,671	2,908
Financial service activities, except insurance and pension funding	162,786	151,445	7,426,701,533	440,729,407	207,240,399	2,299
Insurance, reinsurance and pension funding, except compulsory social security	12,655	10,388	297,486,143	24,812,420	15,809,426	206
Activities auxiliary to financial service and insurance activities	2,796	2,546	66,188,733	2,253,075	932,846	402
Real estate activities	6,493	6,116	36,994,555	2,260,054	344,302	339
Real estate activities	6,493	6,116	36,994,555	2,260,054	344,302	339
Professional, scientific and technical activities	21,164	16,852	233,334,491	13,484,783	4,695,347	2,099
Legal and accounting activities	3,017	2,422	30,845,678	2,168,202	641,740	363
Activities of head offices; management consultancy activities	3,146	2,805	60,229,634	2,765,388	1,242,905	247
Architectural and engineering activities; technical testing and analysis	6,100	5,168	79,406,081	5,327,905	1,820,176	339
Scientific research and development	466	442	10,304,129	540,824	39,464	23
Advertising and market research	2,736	2,367	30,005,602	1,996,584	714,891	161
Other professional, scientific and technical activities	5,609	3,586	22,120,916	652,936	233,732	953
Veterinary activities	89	62	422,450	32,944	2,438	12
Administrative and support service activities	63,735	61,222	196,473,046	11,492,363	5,300,937	2,168
Rental and leasing activities	2,886	2,489	15,710,993	944,238	660,266	380
Employment activities	27,826	27,683	61,017,246	3,049,551	3,514,704	160
Travel agency, tour operator, reservation service and related activities	1,460	1,289	13,270,458	976,724	112,050	235
Security and investigation activities	24,384	24,278	86,391,969	5,054,696	848,312	146
Services to buildings and landscape activities	2,493	2,390	5,487,924	455,042	79,023	67
Office administrative, office support and other business support activities	4,686	3,094	14,594,455	1,012,112	86,583	1,180

Table: A.91: Compensation of employees in the service sub-sectors in Greater Accra region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Education	88,445	82,093	565,041,748	32,065,054	24,134,625	4,637
Education	88,445	82,093	565,041,748	32,065,054	24,134,625	4,637
Human health and social work activities	22,693	20,127	178,606,168	10,254,300	4,290,565	825
Human health activities	18,130	15,865	143,454,443	7,601,380	864,538	628
Residential care activities	633	607	2,856,578	323,198	0	66
Social work activities without accommodation	3,930	3,656	32,295,147	2,329,722	3,426,027	131
Arts, entertainment and recreation	7,269	5,718	20,088,133	1,241,880	2,301,661	1,447
Creative, arts and entertainment activities	2,378	2,120	4,901,874	327,718	32,940	115
Libraries, archives, museums and other cultural activities	540	471	2,783,039	97,319	47,769	26
Gambling and betting activities	2,894	2,300	9,968,111	694,803	2,213,453	938
Sports activities and amusement and recreation activities	1,457	827	2,435,109	122,039	7,500	369
Other service activities	100,517	44,279	174,023,042	4,972,877	3,482,746	23,092
Activities of membership organizations	37,683	18,019	83,968,144	2,925,069	1,208,484	4,012
Repair of computers and personal and household goods	8,366	3,842	21,426,583	1,667,580	390,171	2,851
Other personal service activities	54,468	22,418	68,628,314	380,228	1,884,091	16,230

Table: A.92: Compensation of employees in the service sub-sectors in Volta region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS -Volta	157,131	72,702	294,578,518	9,816,186	1,938,768	39,527
Service	112,366	51,999	237,692,438	6,511,090	1,081,002	29,492
Wholesale and retail trade; repair of motor vehicles and motorcycles	38,229	12,860	25,549,955	528,046	250,206	15,463
Wholesale and retail trade and repair of motor vehicles and motorcycles	3,433	1,068	1,997,747	22,132	19,196	1,154
Wholesale trade, except of motor vehicles and motorcycles	1,904	490	1,230,158	24,157	14,802	431
Retail trade, except of motor vehicles and motorcycles	32,893	11,302	22,322,049	481,758	216,209	13,878
Transportation and storage	1,016	928	3,588,398	266,393	44,434	99
Land transport and transport via pipelines	455	418	2,861,137	234,448	43,841	21
Water transport	19	13	9,970	248	0	5
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	491	446	514,118	10,762	593	38
Postal and courier activities	51	51	203,173	20,935	0	34
Accommodation and food service activities	14,849	7,966	15,121,970	315,274	88,112	4,192
Accommodation	2,462	1,980	3,909,375	239,428	77,478	309
Food and beverage service activities	12,387	5,986	11,212,595	75,846	10,633	3,883
Information and communication	676	408	1,328,465	72,707	9,179	115
Publishing activities	10	8	19,790	2,249	150	2
Motion picture, video and television programme production, sound recording	64	38	314,182	0	0	25
Programming and broadcasting activities	391	251	664,820	49,927	3,250	25
Telecommunications	139	88	237,871	14,871	5,779	46
Computer programming, consultancy and related activities	12	12	4,375	438	0	2
Information service activities	59	11	87,427	5,222	0	16

Table: A.92: Compensation of employees in the service sub-sectors in Volta region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In- Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Financial and insurance activities	2,916	2,638	34,254,325	1,028,634	80,597	255
Financial service activities, except insurance and pension funding	2,458	2,253	23,512,840	964,828	50,632	217
Insurance, reinsurance and pension funding, except compulsory social security	424	352	10,625,771	51,993	29,848	28
Activities auxiliary to financial service and insurance activities	33	33	115,714	11,812	117	11
Real estate activities	19	15	36,497	1,170	0	4
Real estate activities	19	15	36,497	1170	0	4
Professional, scientific and technical activities	1,169	800	7,494,270	132,974	29,548	199
Legal and accounting activities	73	60	745,716	39,565	0	10
Activities of head offices; management consultancy activities	155	77	309,600	30,960	22,188	26
Architectural and engineering activities; technical testing and analysis	225	167	2,745,229	7,689	4,500	30
Scientific research and development	2	1	2,305,041	0	0	1
Advertising and market research	0	0	0	0	0	0
Other professional, scientific and technical activities	709	491	1,353,484	50,360	2,860	131
Veterinary activities	5	4	35,200	4,400	0	1
Administrative and support service activities	1,094	597	1,100,739	19,092	2,683	283
Rental and leasing activities	71	51	109,183	300	0	27
Employment activities	9	8	76,993	2,777	850	3
Travel agency, tour operator, reservation service and related activities	19	19	74,000	9,000	0	1
Security and investigation activities	24	11	8,352	552	0	8
Services to buildings and landscape activities	204	203	246,779	1,913	250	52
Office administrative, office support and other business support activities	766	306	585,432	4,550	1,583	192

Table: A.92: Compensation of employees in the service sub-sectors in Volta region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Education	16,426	14,722	102,551,368	2,176,353	233,917	1,076
Education	16,426	14,722	102,551,368	2,176,353	233,917	1,076
Human health and social work activities	4,628	3,544	27,339,231	1,618,339	172,444	284
Human health activities	3,564	2,999	24,487,712	1,546,346	169,560	237
Residential care activities	131	105	1,450,498	9,400	600	6
Social work activities without accommodation	933	440	1,401,022	62,593	2,284	41
Arts, entertainment and recreation	766	560	1,307,255	27,472	4,800	194
Creative, arts and entertainment activities	88	26	43,518	200	800	35
Libraries, archives, museums and other cultural activities	131	115	771,897	24,006	0	13
Gambling and betting activities	464	367	442,039	2,650	3,890	116
Sports activities and amusement and recreation activities	84	52	49,801	617	110	30
Other service activities	30,577	6,961	18,019,964	324,636	165,082	7,328
Activities of membership organizations	17,692	5,314	13,561,145	271,335	142,763	3,473
Repair of computers and personal and household goods	2,261	526	1,285,962	37,248	14,866	772
Other personal service activities	10,624	1,121	3,172,858	16,053	7,454	3,083

Table: A.93: Compensation of employees in the service sub-sectors in Eastern region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Eastern	221,835	115,202	895,415,206	30,283,711	16,047,092	49,217
Services	164,063	84,552	540,653,932	13,979,510	1,286,534	38,870
Wholesale and retail trade; repair of motor vehicles and motorcycles	64,574	23,723	53,720,261	1,012,901	318,987	21,210
Wholesale and retail trade and repair of motor vehicles and motorcycles	11,186	3,918	9,885,182	39,622	14,822	2,139
Wholesale trade, except of motor vehicles and motorcycles	6,617	3,975	14,216,436	336,107	29,501	1,095
Retail trade, except of motor vehicles and motorcycles	46,770	15,830	29,618,643	637,171	274,664	17,976
Transportation and storage	823	513	1,133,454	19,246	33,940	268
Land transport and transport via pipelines	487	368	556,164	15,882	33,940	54
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	318	126	130,723	324	0	206
Postal and courier activities	19	19	446,567	3,040	0	9
Accommodation and food service activities	15,240	8,401	22,038,417	235,581	33,228	4,190
Accommodation	2,552	1,907	3,939,610	134,584	0	416
Food and beverage service activities	12,688	6,494	18,098,807	100,997	33,228	3,774
Information and communication	1,122	735	2,531,414	215,364	2,800	227
Publishing activities	42	32	60,238	2,205	0	12
Motion picture, video and television programme production, sound recording	162	82	71,159	0	177	72
Programming and broadcasting activities	536	397	2,057,874	210,754	2,000	30
Telecommunications	166	100	169,647	2,405	300	61
Computer programming, consultancy and related activities	119	77	125,146	0	0	11
Information service activities	98	46	47,350	0	323	41

Table: A.93: Compensation of employees in the service sub-sectors in Eastern region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Financial and insurance activities	6,517	5,962	63,688,729	3,407,702	317,584	357
Financial service activities, except insurance and pension funding	6,013	5,586	49,995,149	3,336,449	317,084	322
Insurance, reinsurance and pension funding, except compulsory social security	475	363	13,651,693	70,147	0	30
Activities auxiliary to financial service and insurance activities	29	12	41,886	1,106	500	5
Real estate activities	97	90	165,600	0	1,500	5
Real estate activities	97	90	165,600	0	1,500	5
Professional, scientific and technical activities	2,253	1,285	11,891,218	70,880	76,675	368
Legal and accounting activities	60	47	1,303,254	0	0	9
Activities of head offices; management consultancy activities	4	1	682,217	0	0	1
Architectural and engineering activities; technical testing and analysis	764	505	5,607,791	5,712	72,000	77
Scientific research and development	32	31	369,622	42,428	0	4
Advertising and market research	2	2	7,200	0	0	1
Other professional, scientific and technical activities	1,386	698	3,390,945	22,740	4,675	276
Veterinary activities	5	2	530,189	0	0	1
Administrative and support service activities	1,595	1,152	2,277,475	30,794	5,647	364
Rental and leasing activities	263	154	407,172	0	2,011	83
Employment activities	24	19	317,908	1,200	0	7
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0
Security and investigation activities	167	166	250,080	8,347	0	4
Services to buildings and landscape activities	273	273	366,360	5,975	0	1
Office administrative, office support and other business support activities	869	541	935,955	15,272	3,635	269

Table: A.93: Compensation of employees in the service sub-sectors in Eastern region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Education	28,401	26,826	266,544,303	5,617,264	149,430	1,788
Education	28,401	26,826	266,544,303	5,617,264	149,430	1,788
Human health and social work activities	7,851	6,203	60,387,368	2,922,265	266,176	453
Human health activities	6,616	5,375	56,214,262	2,669,321	164,728	401
Residential care activities	8	4	10,080	0	0	4
Social work activities without accommodation	1,226	824	4,163,026	252,944	101,448	48
Arts, entertainment and recreation	898	533	1,070,293	11,904	1,206	216
Creative, arts and entertainment activities	110	63	97,531	0	0	28
Libraries, archives, museums and other cultural activities	24	18	97,930	9,646	0	9
Gambling and betting activities	553	313	800,222	1,538	1,156	141
Sports activities and amusement and recreation activities	211	139	74,610	720	50	38
Other service activities	34,692	9,128	55,205,400	435,609	79,360	9,425
Activities of membership organizations	17,699	5,309	47,572,942	435,384	45,766	4,042
Repair of computers and personal and household goods	1,682	701	1,468,675	211	1,340	840
Other personal service activities	15,311	3,118	6,163,783	14	32,254	4,543

Table: A.94: Compensation of employees in the service sub-sectors in Ashanti region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Ashanti	523,308	267,631	1,793,298,999	71,816,895	34,455,190	98,839
Services	377,497	191,992	1,237,477,704	41,663,876	30,792,626	77,343
Wholesale and retail trade; repair of motor vehicles and motorcycles	144,340	54,588	297,313,115	7,169,136	3,324,283	44,862
Wholesale and retail trade and repair of motor vehicles and motorcycles	34,762	11,480	38,753,202	721,605	38,251	6,267
Wholesale trade, except of motor vehicles and motorcycles	12,292	8,508	29,567,435	1,995,008	794,025	1,947
Retail trade, except of motor vehicles and motorcycles	97,285	34,599	228,992,478	4,452,523	2,492,007	36,648
Transportation and storage	3,710	2,421	14,309,168	293,422	59,092	211
Land transport and transport via pipelines	2,728	1,682	11,259,723	201,438	45,903	125
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	757	540	1,856,463	30,755	13,189	51
Postal and courier activities	225	199	1,192,982	61,229	0	35
Accommodation and food service activities	30,259	20,458	55,612,806	2,782,903	664,904	6,807
Accommodation	6,432	5,608	19,000,971	1,736,961	424,069	559
Food and beverage service activities	23,827	14,849	36,611,834	1,045,943	240,835	6,248
Information and communication	3,253	2,403	8,099,534	348,315	5,429	733
Publishing activities	298	227	1,350,717	56,935	1,915	53
Motion picture, video and television programme production, sound recording	344	218	2,353,530	4,687	0	94
Programming and broadcasting activities	721	550	1,759,697	109,499	2,081	49
Telecommunications	1,104	881	1,665,510	124,221	0	282
Computer programming, consultancy and related activities	159	132	412,196	11,045	0	29
Information service activities	627	393	557,883	41,928	1,433	226

Table: A.94: Compensation of employees in the service sub-sectors in Ashanti region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Financial and insurance activities	9,597	8,848	94,564,965	6,982,944	24,028,494	656
Financial service activities, except insurance and pension funding	8,868	8,263	91,404,642	6,772,489	24,024,294	552
Insurance, reinsurance and pension funding, except compulsory social security	528	431	2,865,171	173,538	4,200	57
Activities auxiliary to financial service and insurance activities	201	155	295,152	36,917	0	47
Real estate activities	463	403	1,426,254	112,017	0	29
Real estate activities	463	403	1,426,254	112,017	0	29
Professional, scientific and technical activities	7,412	4,537	41,390,474	1,947,475	513,321	859
Legal and accounting activities	430	347	3,105,239	258,978	11,079	51
Activities of head offices; management consultancy activities	307	194	394,557	13,434	6,840	65
Architectural and engineering activities; technical testing and analysis	1,127	878	13,608,809	298,221	481,002	106
Scientific research and development	656	605	11,453,631	1,214,790	0	3
Advertising and market research	48	26	145,751	13,201	0	11
Other professional, scientific and technical activities	4,786	2,447	12,281,496	113,240	14,400	616
Veterinary activities	59	41	400,991	35,611	0	8
Administrative and support service activities	9,283	7,333	12,407,252	642,170	201,124	798
Rental and leasing activities	1,263	808	3,066,966	156,373	149,275	333
Employment activities	3,231	3,197	2,707,576	29,389	17,172	17
Travel agency, tour operator, reservation service and related activities	196	139	697,160	42,032	10,667	32
Security and investigation activities	2,700	1,803	4,426,087	311,454	13,200	16
Services to buildings and landscape activities	493	492	105,780	13,015	0	6
Office administrative, office support and other business support activities	1,399	894	1,403,684	89,907	10,810	393

Table: A.94: Compensation of employees in the service sub-sectors in Ashanti region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Education	54,867	51,257	474,889,887	12,538,488	1,005,568	2,536
Education	54,867	51,257	474,889,887	12,538,488	1,005,568	2,536
Human health and social work activities	15,813	14,092	116,836,285	5,354,742	448,844	655
Human health activities	15,030	13,517	113,878,552	5,258,270	411,596	607
Residential care activities	237	195	1,819,986	22,365	9,060	11
Social work activities without accommodation	545	380	1,137,746	74,107	28,187	37
Arts, entertainment and recreation	2,938	1,939	9,058,196	392,309	4,978	1,526
Creative, arts and entertainment activities	239	121	132,826	6,026	0	65
Libraries, archives, museums and other cultural activities	6	3	22,460	2,125	0	3
Gambling and betting activities	2,358	1,550	7,911,988	301,889	0	1,386
Sports activities and amusement and recreation activities	335	265	990,922	82,269	4,978	72
Other service activities	95,562	23,712	111,569,768	3,099,956	536,589	17,673
Activities of membership organizations	48,247	14,881	86,418,462	2,398,486	535,537	5,884
Repair of computers and personal and household goods	4,798	1,720	8,387,432	274,990	430	1,415
Other personal service activities	42,518	7,110	16,763,874	426,480	622	10,374

Table A.95: Compensation of employees in the service sub-sectors in Brong Ahafo region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Brong Ahafo	231,590	112,096	673,998,041	23,278,494	9,176,310	44,405
Services	180,579	90,149	596,717,461	19,916,648	5,766,251	36,323
Wholesale and retail trade; repair of motor vehicles and motorcycles	54,436	17,467	44,104,943	1,214,630	581,482	20,115
Wholesale and retail trade and repair of motor vehicles and motorcycles	12,359	3,407	10,352,244	62,871	159,918	2,491
Wholesale trade, except of motor vehicles and motorcycles	4,092	3,750	14,444,964	692,976	150,303	666
Retail trade, except of motor vehicles and motorcycles	37,985	10,310	19,307,735	458,784	271,262	16,958
Transportation and storage	830	579	2,442,029	136,262	15,557	62
Land transport and transport via pipelines	605	407	1,871,883	100,876	522	29
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	194	147	421,870	21,260	8,975	22
Postal and courier activities	31	26	148,276	14,126	6,060	12
Accommodation and food service activities	12,903	6,950	14,230,498	140,091	136,950	3,432
Accommodation	1,706	1,410	2,324,657	137,598	26,361	262
Food and beverage service activities	11,197	5,540	11,905,841	2,493	110,589	3,170
Information and communication	1,527	967	2,272,833	146,693	25,836	297
Publishing activities	53	39	133,307	3,255	0	10
Motion picture, video and television programme production, sound recording	31	12	28,203	0	4,039	9
Programming and broadcasting activities	913	630	1,708,071	139,373	19,267	74
Telecommunications	382	201	310,939	4,066	1,894	149
Computer programming, consultancy and related activities	27	15	32,077	0	20	4
Information service activities	122	70	60,236	0	617	52

Table A.95: Compensation of employees in the service sub-sectors in Brong Ahafo region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Financial and insurance activities	6,436	5,415	50,982,886	4,086,964	2,579,481	430
Financial service activities, except insurance and pension funding	6,120	5,150	46,277,701	3,957,443	2,579,481	406
Insurance, reinsurance and pension funding, except compulsory social security	210	161	3,569,257	79,901	0	19
Activities auxiliary to financial service and insurance activities	106	104	1,135,927	49,620	0	4
Real estate activities	16	14	251,786	0	0	5
Real estate activities	16	14	251,786	0	0	5
Professional, scientific and technical activities	1,622	1,100	9,029,365	91,330	12,124	260
Legal and accounting activities	109	86	680,671	63,559	40	20
Activities of head offices; management consultancy activities	73	34	270,999	10,305	0	4
Architectural and engineering activities; technical testing and analysis	320	244	3,796,565	10,861	330	29
Scientific research and development	0	0	0	0	0	0
Advertising and market research	64	51	108,085	6,021	3,569	4
Other professional, scientific and technical activities	1,057	686	4,173,044	585	8,184	203
Veterinary activities	0	0	0	0	0	0
Administrative and support service activities	906	482	1,088,757	49,762	10,947	279
Rental and leasing activities	262	179	300,280	17,645	6,539	80
Employment activities	6	6	57,600	7,200	0	2
Travel agency, tour operator, reservation service and related activities	21	15	67,340	2,050	200	5
Security and investigation activities	67	62	120,328	10,988	1,000	4
Services to buildings and landscape activities	85	32	86,370	5,625	0	28
Office administrative, office support and other business support activities	465	188	456,839	6,254	3,208	159

Table A.95: Compensation of employees in the service sub-sectors in Brong Ahafo region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
Education	43,793	41,646	358,641,948	7,991,640	1,848,179	1,762
Education	43,793	41,646	358,641,948	7,991,640	1,848,179	1,762
Human health and social work activities	6,546	5,550	83,310,692	5,210,742	516,069	193
Human health activities	5,829	4,947	74,531,721	5,196,987	515,886	170
Residential care activities	619	562	8,619,413	0	0	14
Social work activities without accommodation	98	41	159,558	13,755	183	9
Arts, entertainment and recreation	1,510	1,112	2,705,020	55,978	10,559	326
Creative, arts and entertainment activities	442	388	174,654	11,863	1,974	32
Libraries, archives, museums and other cultural activities	30	18	213,791	7,370	0	4
Gambling and betting activities	836	607	1,911,385	7,398	7,745	247
Sports activities and amusement and recreation activities	202	99	405,190	29,347	840	43
Other service activities	50,054	8,866	27,656,705	792,554	29,067	9,163
Activities of membership organizations	29,285	5,797	22,772,356	771,896	23,975	4,024
Repair of computers and personal and household goods	3,474	921	1,659,641	0	1,380	793
Other personal service activities	17,294	2,149	3,224,707	20,658	3,712	4,346

Table: A.96: Compensation of employees in the service sub-sectors in Northern region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
ALL SECTORS - Northern	188,709	70,981	394,653,838	24,930,257	5,423,722	35,917
Services	134,159	51,304	252,061,306	13,468,406	4,117,874	27,161
Wholesale and retail trade; repair of motor vehicles and motorcycles	58,070	19,775	58,858,383	1,060,821	1,263,587	16,272
Wholesale and retail trade and repair of motor vehicles and motorcycles	13,954	3,562	7,684,522	254,984	106,968	2,047
Wholesale trade, except of motor vehicles and motorcycles	3,617	2,536	9,425,672	435,048	177,250	875
Retail trade, except of motor vehicles and motorcycles	40,500	13,677	41,748,189	370,789	979,369	13,350
Transportation and storage	402	265	472,519	19,286	9,614	49
Land transport and transport via pipelines	118	108	285,588	9,895	894	17
Water transport	0	0	0	0	0	0
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	187	64	80,555	0	500	27
Postal and courier activities	96	92	106,376	9,391	8,220	5
Accommodation and food service activities	11,123	7,139	15,122,031	148,282	492,798	2,115
Accommodation	1,247	866	2,012,634	135,063	34,595	199
Food and beverage service activities	9,876	6,273	13,109,398	13,219	458,203	1,917
Information and communication	694	473	6,456,418	56,320	26,667	126
Publishing activities	74	36	80,400	0	300	11
Motion picture, video and television programme production, sound recording	28	19	21,572	0	654	10
Programming and broadcasting activities	294	228	686,338	51,693	12,612	24
Telecommunications	253	164	5,622,711	4,627	8,523	66
Computer programming, consultancy and related activities	37	19	21,797	0	3,397	12
Information service activities	8	8	23,600	0	1,180	4

Table: A.96: Compensation of employees in the service sub-sectors in Northern region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Financial and insurance activities	2,574	2,272	21,275,014	1,688,959	1,492,343	196
Financial service activities, except insurance and pension funding	2,317	2,049	17,219,708	1,658,058	1,487,251	169
Insurance, reinsurance and pension funding, except compulsory social security	176	143	3,820,836	13,284	5,092	18
Activities auxiliary to financial service and insurance activities	81	81	234,470	17,618	0	9
Real estate activities	21	15	38,690	3,780	5,000	4
Real estate activities	21	15	38,690	3,780	5,000	4
Professional, scientific and technical activities	902	600	4,381,088	135,330	33,252	142
Legal and accounting activities	90	65	1,220,204	67,852	100	10
Activities of head offices; management consultancy activities	43	34	276,131	2,250	0	8
Architectural and engineering activities; technical testing and analysis	4	3	18,000	2,250	0	1
Scientific research and development	43	31	75,500	9,138	0	2
Advertising and market research	12	3	4,080	450	0	3
Other professional, scientific and technical activities	590	355	2,068,632	0	10,733	114
Veterinary activities	120	110	718,541	53,390	22,419	5
Administrative and support service activities	739	321	575,335	10,271	23,289	214
Rental and leasing activities	100	62	121,122	0	2,020	33
Employment activities	57	48	195,582	6,805	6,640	5
Travel agency, tour operator, reservation service and related activities	46	32	74,306	3,466	6,634	10
Security and investigation activities	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0
Office administrative, office support and other business support activities	537	179	184,325	0	7,995	166

Table: A.96: Compensation of employees in the service sub-sectors in Northern region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Education	10,763	9,787	79,214,319	4,479,819	400,113	600
Education	10,763	9,787	79,214,319	4,479,819	400,113	600
Human health and social work activities	2,754	2,510	24,991,065	2,153,671	140,111	153
Human health activities	2,440	2,223	17,604,544	1,312,436	116,486	130
Residential care activities	90	82	325,587	34,497	5,250	4
Social work activities without accommodation	223	206	7,060,934	806,738	18,375	19
Arts, entertainment and recreation	260	171	566,422	13,605	9,772	91
Creative, arts and entertainment activities	25	9	10,084	0	0	9
Libraries, archives, museums and other cultural activities	35	30	193,650	13,005	7,140	4
Gambling and betting activities	135	91	341,492	600	360	61
Sports activities and amusement and recreation activities	64	41	21,196	0	2,272	18
Other service activities	45,857	7,977	40,110,022	3,698,263	221,326	7,198
Activities of membership organizations	36,265	5,907	36,849,655	3,689,609	191,332	4,883
Repair of computers and personal and household goods	1,647	397	514,625	6,061	446	422
Other personal service activities	7,945	1,674	2,745,742	2,593	29,549	1,893

Table: A.97: Compensation of employees in the service sub-sectors in Upper East region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Upper East	89,551	30,494	256,801,152	4,205,430	1,402,849	14,282
Services	63,716	21,867	222,651,903	3,320,798	1,174,784	10,461
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,639	4,919	9,898,205	198,794	252,226	5,037
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,834	767	1,279,855	2,418	20,160	562
Wholesale trade, except of motor vehicles and motorcycles	1,484	790	3,308,245	40,802	600	387
Retail trade, except of motor vehicles and motorcycles	13,321	3,363	5,310,105	155,574	231,466	4,089
Transportation and storage	663	487	4,054,154	7,426	0	72
Land transport and transport via pipelines	423	341	263,501	324	0	28
Water transport	0	0	0	0	0	0
Air transport	3	3	21,600	0	0	1
Warehousing and support activities for transportation	234	140	3,763,693	6,837	0	40
Postal and courier activities	3	3	5,360	265	0	3
Accommodation and food service activities	5,993	2,888	4,908,288	50,972	33,327	1,496
Accommodation	421	347	620,554	44,491	0	67
Food and beverage service activities	5,571	2,541	4,287,734	6,481	33,327	1,429
Information and communication	449	270	3,754,021	24,634	3,628	39
Publishing activities	0	0	0	0	0	0
Motion picture, video and television programme production, sound recording	80	31	440,795	0	0	14
Programming and broadcasting activities	214	161	258,280	23,667	2,040	8
Telecommunications	124	53	2,981,434	187	1,588	11
Computer programming, consultancy and related activities	0	0	0	0	0	0
Information service activities	31	26	73,512	780	0	6

Table: A.97: Compensation of employees in the service sub-sectors in Upper East region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Financial and insurance activities	1,589	1,422	16,165,024	890,212	473,682	115
Financial service activities, except insurance and pension funding	1,214	1,067	9,686,355	864,447	473,382	100
Insurance, reinsurance and pension funding, except compulsory social security	83	70	3,087,777	0	0	6
Activities auxiliary to financial service and insurance activities	292	285	3,390,892	25,765	300	9
Real estate activities	3	3	223,106	0	0	1
Real estate activities	3	3	223,106	0	0	1
Professional, scientific and technical activities	468	333	1,815,867	62,530	220	67
Legal and accounting activities	20	18	316,768	1,875	0	2
Activities of head offices; management consultancy activities	19	17	509,998	5,303	0	2
Architectural and engineering activities; technical testing and analysis	41	39	295,341	30,872	0	2
Scientific research and development	8	7	104,300	0	0	2
Advertising and market research	16	3	21,600	0	0	1
Other professional, scientific and technical activities	364	249	567,860	24,480	220	58
Veterinary activities	0	0	0	0	0	0
Administrative and support service activities	608	306	314,262	6,295	1,860	137
Rental and leasing activities	97	67	61,706	1,953	0	17
Employment activities	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	21	2	3,600	300	0	4
Security and investigation activities	19	18	24,588	3,038	0	1
Services to buildings and landscape activities	81	81	26,633	0	0	20
Office administrative, office support and other business support activities	391	138	197,735	1,004	1,860	95

Table: A.97: Compensation of employees in the service sub-sectors in Upper East region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Education	7,158	6,109	148,398,367	602,193	52,015	470
Education	7,158	6,109	148,398,367	602,193	52,015	470
Human health and social work activities	3,023	2,784	24,897,368	1,249,902	270,557	161
Human health activities	2,740	2,566	22,615,173	1,094,681	166,690	147
Residential care activities	19	16	16,853	2,107	0	2
Social work activities without accommodation	264	202	2,265,342	153,114	103,867	12
Arts, entertainment and recreation	193	92	359,631	3,068	0	65
Creative, arts and entertainment activities	37	21	103,540	0	0	7
Libraries, archives, museums and other cultural activities	26	13	27,133	3,068	0	4
Gambling and betting activities	117	52	212,158	0	0	50
Sports activities and amusement and recreation activities	13	6	16,800	0	0	4
Other service activities	25,931	2,255	7,863,609	224,770	87,269	2,801
Activities of membership organizations	18,870	1,196	4,100,377	205,316	30,786	1,087
Repair of computers and personal and household goods	2,084	535	2,801,617	18,134	360	426
Other personal service activities	4,977	524	961,616	1,320	56,123	1,288

Table: A.98: Compensation of employees in the service sub-sectors in Upper West region

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) (GH¢)	Social Security (GH¢)	Other Supplement to wages and salaries (GH¢)	Number of Establishments
ALL SECTORS - Upper West	50,415	14,990	101,457,727	2,996,511	507,884	12,526
Services	35,001	10,899	80,757,910	2,241,106	478,273	9,593
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,673	3,620	8,025,509	140,339	17,891	6,262
Wholesale and retail trade and repair of motor vehicles and motorcycles	4,173	755	1,745,017	12,236	285	753
Wholesale trade, except of motor vehicles and motorcycles	518	305	980,095	57,026	500	124
Retail trade, except of motor vehicles and motorcycles	12,981	2,560	5,300,398	71,076	17,106	5,384
Transportation and storage	474	366	1,885,313	105,374	0	43
Land transport and transport via pipelines	447	341	1,393,406	99,615	0	34
Water transport	0	0	0	0	0	0
Air transport	9	9	33,472	3,525	0	2
Warehousing and support activities for transportation	6	4	29,600	0	0	2
Postal and courier activities	12	12	428,835	2,234	0	5
Accommodation and food service activities	3,407	1,028	2,072,885	64,907	8,404	1,000
Accommodation	358	334	661,026	54,986	5,904	65
Food and beverage service activities	3,050	695	1,411,859	9,922	2,500	935
Information and communication	387	327	1,126,131	4,116	92	31
Publishing activities	8	5	28,250	0	0	3
Motion picture, video and television programme production, sound recording	32	29	21,800	0	0	2
Programming and broadcasting activities	130	109	968,343	4,116	0	6
Telecommunications	44	20	22,226	0	92	9
Computer programming, consultancy and related activities	0	0	0	0	0	0
Information service activities	174	164	85,512	0	0	11

Table: A.98: Compensation of employees in the service sub-sectors in Upper West region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Financial and insurance activities	673	595	12,678,167	173,979	134,101	50
Financial service activities, except insurance and pension funding	594	528	10,666,139	172,599	134,101	45
Insurance, reinsurance and pension funding, except compulsory Social Security	79	67	2,012,028	1,380	0	5
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0
Professional, scientific and technical activities	294	231	2,852,952	96,279	0	28
Legal and accounting activities	13	12	84,070	9,609	0	2
Activities of head offices; management consultancy activities	22	19	484,728	977	0	2
Architectural and engineering activities; technical testing and analysis	91	70	989,003	42,513	0	5
Scientific research and development	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0
Other professional, scientific and technical activities	168	130	1,295,151	43,180	0	19
Veterinary activities	0	0	0	0	0	0
Administrative and support service activities	471	331	768,466	46,241	0	83
Rental and leasing activities	28	12	41,000	0	0	10
Employment activities	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	2	0	0	0	0	1
Security and investigation activities	169	169	325,080	35,065	0	2
Services to buildings and landscape activities	0	0	0	0	0	0
Office administrative, office support and other business support activities	272	150	402,386	11,176	0	70

Table: A.98: Compensation of employees in the service sub-sectors in Upper West region (Cont'd)

ISIC Group	Number of Persons Engaged	Number of Employees	Wages and Salaries (Cash and In-Kind) [GH¢]	Social Security [GH¢]	Other Supplement to wages and salaries [GH¢]	Number of Establishments
Education	2,638	2,244	29,671,001	833,846	314,610	283
Education	2,638	2,244	29,671,001	833,846	314,610	283
Human health and social work activities	1,875	1,525	19,986,580	759,012	1,536	94
Human health activities	1,590	1,313	18,884,809	718,682	1,536	78
Residential care activities	11	11	7,854	0	0	1
Social work activities without accommodation	273	201	1,093,917	40,330	0	15
Arts, entertainment and recreation	72	47	602,178	0	0	22
Creative, arts and entertainment activities	0	0	0	0	0	0
Libraries, archives, museums and other cultural activities	27	22	489,683	0	0	2
Gambling and betting activities	38	24	111,775	0	0	17
Sports activities and amusement and recreation activities	7	1	720	0	0	3
Other service activities	7,036	586	1,088,727	17,012	1,639	1,699
Activities of membership organizations	3,073	224	330,606	15,059	24	727
Repair of computers and personal and household goods	420	37	115,312	754	1,615	133
Other personal service activities	3,544	325	642,810	1,200	0	839

Table A.99: Gross additions to fixed asset in the agriculture sector

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	432,552,373	356,945,105	2,818,917,141	2,284,239,503	3,592,936,865	20,592,125,872	1,704,801,587	1,128,616,733
Agriculture	31,727	1,427,854	700,507	5,771,471	11,528,529	54,666,400	10,365,012	63,145,725
Agriculture, forestry and fishing	31,727	1,427,854	700,507	5,771,471	11,528,529	54,666,400	10,365,012	63,145,725
Crop and animal production, hunting and related service activities	31,227	1,379,666	599,207	4,473,920	8,532,410	51,552,166	2,173,477	60,899,932
Forestry and logging	0	27,188	0	763,125	783,312	1,083,669	22,074	16,084
Fishing and aquaculture	500	21,000	101,300	534,426	2,212,807	2,030,566	8,169,461	2,229,709

Table A.100: Gross additions to fixed asset in the agriculture sector by size

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	432,552,373	356,945,105	2,818,917,141	2,284,239,503	3,592,936,865	20,592,125,872	1,704,801,587	1,128,616,733
Agriculture	31,727	1,427,854	700,507	5,771,471	11,528,529	54,666,400	10,365,012	63,145,725
Crop and animal production, hunting and related service activities	31,227	1,379,666	599,207	4,473,920	8,532,410	51,552,166	2,173,477	60,899,932
Large-Sized Businesses	10,684	444,654	0	1,675,716	2,192,513	49,925,051	2,031,706	60,496,921
Medium-Sized Businesses	0	13,500	950	10,000	784,120	780,219	18,358	24,589
Small-Sized Businesses	20,543	885,012	510,257	1,418,007	5,489,573	763,002	120,427	338,641
Micro-Sized Businesses	0	36,500	88,000	1,370,196	66,204	83,894	2,986	39,782
Forestry and logging	0	27,188	0	763,125	783,312	1,083,669	22,074	16,084
Large-Sized Businesses	0	0	0	0	0	0	0	1,364
Medium-Sized Businesses	0	0	0	10,000	0	45,000	600	0
Small-Sized Businesses	0	27,188	0	753,125	783,312	1,036,469	21,474	14,720
Micro-Sized Businesses	0	0	0	0	0	2,200	0	0
Fishing and aquaculture	500	21,000	101,300	534,426	2,212,807	2,030,566	8,169,461	2,229,709
Large-Sized Businesses	0	0	0	319,200	1,510,675	0	8,152,666	5,195
Medium-Sized Businesses	0	0	0	0	509,202	1,739,638	5,845	1,894,742
Small-Sized Businesses	500	6,000	100,000	194,226	189,500	266,911	8,950	223,622
Micro-Sized Businesses	0	15,000	1,300	21,000	3,430	24,017	2,000	106,150

Table A.101: Gross additions to fixed asset in the agriculture sector in Western region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS -Western Region	66,025,142	15,814,851	48,411,967	180,874,003	110,369,196	4,270,043,371	29,122,561	29,987,527
Agriculture	0	122,104	80,000	0	122,850	222,758	15,482	745
Agriculture, forestry and fishing	0	122,104	80,000	0	122,850	222,758	15,482	745
Crop and animal production, hunting and related service activities	0	122,104	80,000	0	122,850	220,208	15,482	745
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	2,550	0	0

Table A.103: Gross additions to fixed asset in the agriculture sector in Greater Accra region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Greater Accra Region	357,672,888	290,652,115	2,722,184,869	1,503,172,215	3,179,360,643	14,713,311,695	1,575,919,120	1,053,415,053
Agriculture	10,684	387,273	0	390,093	2,387,397	4,314,820	8,208,540	59,778,069
Agriculture, forestry and fishing	10,684	387,273	0	390,093	2,387,397	4,314,820	8,208,540	59,778,069
Crop and animal production, hunting and related service activities	10,684	387,273	0	70,893	530,729	2,623,472	50,029	57,866,832
Fishing and aquaculture	0	0	0	319,200	1,856,668	1,691,348	8,158,511	1,911,237

Table A.104: Gross additions to fixed asset in the agriculture sector in Volta region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Volta Region	413,861	2,634,937	4,395,930	40,575,036	28,900,836	78,636,573	16,838,097	1,558,020
Agriculture	0	23,600	5,914	355,858	3,640,480	277,236	9,636	130,763
Agriculture, forestry and fishing	0	23,600	5,914	355,858	3,640,480	277,236	9,636	130,763
Crop and animal production, hunting and related service activities	0	23,600	5,914	355,858	3,486,918	242,086	1,675	1,793
Forestry and logging	0	0	0	0	89,562	29,750	7,961	8,970
Fishing and aquaculture	0	0	0	0	64,000	5,400	0	120,000

Table A.105: Gross additions to fixed asset in the agriculture sector in Eastern region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Eastern Region	1,319,522	3,497,744	10,921,906	84,933,397	50,085,592	133,234,711	18,598,804	6,633,395
Agriculture	0	357,800	100,000	422,643	1,566,952	1,228,814	31,373	222,677
Agriculture, forestry and fishing	0	357,800	100,000	422,643	1,566,952	1,228,814	31,373	222,677
Crop and animal production, hunting and related service activities	0	336,800	0	64,667	671,493	413,320	8,910	41,455
Forestry and logging	0	0	0	143,750	603,750	497,375	13,513	5,750
Fishing and aquaculture	0	21,000	100,000	214,226	291,709	318,119	8,950	175,472

Table A.106: Gross additions to fixed asset in the agriculture sector in Ashanti region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Ashanti Region	5,195,497	31,024,685	26,532,219	371,152,619	109,575,906	581,807,673	33,676,881	23,943,784
Agriculture	14,143	290,245	445,143	3,247,478	2,112,725	47,890,562	2,051,596	2,875,255
Agriculture, forestry and fishing	14,143	290,245	445,143	3,247,478	2,112,725	47,890,562	2,051,596	2,875,255
Crop and animal production, hunting and related service activities	14,143	263,057	445,143	2,638,103	2,022,725	47,377,219	2,051,596	2,872,691
Forestry and logging	0	27,188	0	609,375	90,000	511,544	0	1,364
Fishing and aquaculture	0	0	0	0	0	1,800	0	1,200

Table A.107: Gross additions to fixed asset in the agriculture sector in Brong Ahafo region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Brong Ahafo Region	421,970	3,456,184	450,037	34,600,286	9,819,475	491,299,613	11,325,366	3,909,238
Agriculture	2,900	93,900	61,150	1,122,514	1,058,876	137,147	13,410	5,800
Agriculture, forestry and fishing	2,900	93,900	61,150	1,122,514	1,058,876	137,147	13,410	5,800
Crop and animal production, hunting and related service activities	2,400	93,900	60,150	1,111,514	1,058,876	85,998	10,810	4,700
Forestry and logging	0	0	0	10,000	0	45,000	600	0
Fishing and aquaculture	500	0	1,000	1,000	0	6,149	2,000	1,100

Table A.108: Gross additions to fixed asset in the agriculture sector in Northern region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Northern Region	573,315	2,482,527	1,952,592	20,821,062	61,569,116	17,684,389	6,807,807	2,924,512
AGRICULTURE	4,000	0	0	107,971	487,820	438,104	11,604	15,789
Agriculture, forestry and fishing	4,000	0	0	107,971	487,820	438,104	11,604	15,789
Crop and animal production, hunting and related service activities	4,000	0	0	107,971	487,820	438,104	11,604	15,789
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0

Table A.109: Gross additions to fixed asset in the agriculture sector in Upper East region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Upper East Region	248,705	606,166	763,532	10,575,958	22,716,103	7,774,386	2,431,671	1,561,939
Agriculture	0	8,500	0	850	43,000	400	225	200
Agriculture, forestry and fishing	0	8,500	0	850	43,000	400	225	200
Crop and animal production, hunting and related service activities	0	8,500	0	850	43,000	400	225	200

Table A.110: Gross additions to fixed asset in the agriculture sector in Upper West region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Upper West Region	309,518	583,718	676,957	11,587,723	5,836,988	28,519,721	1,867,526	880,907
Agriculture	0	0	8,000	15,000	9,000	19,550	500	1,922
Agriculture, forestry and fishing	0	0	8,000	15,000	9,000	19,550	500	1,922
Crop and animal production, hunting and related service activities	0	0	8,000	15,000	9,000	19,150	500	1,922
Fishing and aquaculture	0	0	0	0	0	400	0	0

Table A.111: Gross additions to fixed asset in the industry sector

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	432,552,373	356,945,105	2,818,917,141	2,284,239,503	3,592,936,865	20,592,125,872	1,704,801,587	1,128,616,733
Industry	68,245,069	189,168,104	2,490,310,284	631,662,438	2,600,088,383	19,248,388,787	667,568,600	180,161,199
Mining and quarrying	63,349,023	4,101,545	61,517,720	102,955,541	2,130,187,033	14,265,281,248	476,672,373	28,009,989
Extraction of crude petroleum and natural gas	380,146	0	30,451,598	846,281	1,292,413	3,774,884,920	2,981,910	2,164,207
Mining of metal ores	62,959,507	64,683	3,536,947	90,135,717	89,767,283	395,817,985	9,343,063	18,965,408
Other mining and quarrying	6,370	3,838,140	105,377	5,727,188	21,355,388	14,610,314	235,368	134,710
Mining support service activities	3,000	198,722	27,423,798	6,246,355	2,017,771,949	10,079,968,029	464,112,033	6,745,664
Manufacturing	3,979,128	36,825,559	1,661,883,586	369,485,672	163,433,001	744,454,543	31,729,505	92,010,134
Manufacture of food products	803,432	4,524,489	21,565,829	77,673,543	16,485,787	127,493,957	2,714,703	40,447,382
Manufacture of beverages	206,823	10,025,290	520,809	87,398,096	26,708,626	149,091,097	4,389,142	21,961,105
Manufacture of textiles	592	714,625	1,508	6,722,763	360,998	6,181,135	102,267	242,827
Manufacture of wearing apparel	397,332	6,528,582	143,388	4,839,716	1,117,157	15,727,585	2,766,366	1,059,796
Manufacture of leather and related products	9,638	0	2,630	610,939	46,654	280,687	93,332	18,256
Manufacture of wood and of products of wood and cork, except furniture;	5,623	5,505,260	589,859	20,658,645	3,820,988	53,668,177	1,013,369	551,704
Manufacture of paper and paper products	0	34,132	356,951	735,382	4,922,939	15,697,688	306,923	17,528,170
Printing and reproduction of recorded media	136,652	125,289	1,571,283,424	46,425,778	4,017,244	30,410,140	1,036,309	747,700
Manufacture of coke and refined petroleum products	0	0	993	1,665,958	0	14,509,946	0	0
Manufacture of chemicals and chemical products	134,807	1,591,463	60,150	4,822,773	7,657,167	21,654,846	1,788,046	3,135,373
Manufacture of pharmaceuticals, medicinal chemical and botanical products	68,190	1,148,300	1,400	41,877,863	2,198,998	25,075,445	1,083,779	2,071,015

Table A.111: Gross additions to fixed asset in the industry sector (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Manufacturing (Cont'd)								
Manufacture of rubber and plastics products	0	3,697,399	50,395,227	28,465,376	5,648,892	43,900,759	564,358	415,836
Manufacture of other non-metallic mineral products	23,599	560,968	428,742	4,871,376	8,537,466	7,123,074	584,907	550,697
Manufacture of basic metals	17,215	65,000	6,151,839	7,302,434	1,768,108	22,935,449	423,200	286,718
Manufacture of fabricated metal products, except machinery and equipment	1,328,115	853,946	9,718,230	3,026,280	5,922,007	21,028,125	2,535,020	2,440,706
Manufacture of computer, electronic and optical products	2,350	800	0	300	97,700	309,748	83,303	109,469
Manufacture of electrical equipment	0	122,000	431,869	932,000	95,000	55,005,473	74,921	16,998
Manufacture of machinery and equipment n.e.c.	680,800	87,571	100,500	394,588	1,078,282	100,635,629	16,670	25,155
Manufacture of motor vehicles, trailers and semi-trailers	0	0	118,961	135,556	154,195	405,447	3,217	22,192
Manufacture of other transport equipment	150	0	300	600	500	15,735	1,428	214,950
Manufacture of furniture	141,637	1,226,418	10,978	13,898,996	70,176,643	27,818,562	11,532,817	65,619
Other manufacturing	1,490	7,342	0	17,023,933	821,387	3,708,160	403,944	18,595
Repair and installation of machinery and equipment	20,685	6,683	0	2,778	1,796,265	1,777,678	211,484	79,872
Electricity, gas, steam and air conditioning supply	55,951	1,275,780	506,400,000	144,505,660	107,209,847	2,594,422,905	23,097,497	10,242,808
Electricity, gas, steam and air conditioning supply	55,951	1,275,780	506,400,000	144,505,660	107,209,847	2,594,422,905	23,097,497	10,242,808

Table A.111: Gross additions to fixed asset in the industry sector (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Water supply; sewerage, waste management	63,401	128,953,475	251,578,965	5,538,552	124,414,305	203,408,303	114,492,278	36,585,764
Water collection, treatment and supply	43,141	128,656,200	250,500,000	109,200	28,883,970	201,890,220	1,248,028	5,594,329
Sewerage	0	0	0	0	0	0	95,263	14,531
Waste collection, treatment and disposal activities; materials recovery	20,260	297,275	1,078,965	5,429,352	95,530,335	1,518,083	113,148,987	30,976,903
Construction	797,566	18,011,745	8,930,013	9,177,012	74,844,197	1,440,821,788	21,576,946	13,312,504
Construction of buildings	83,241	7,586,164	7,007,330	2,800,242	29,121,680	58,690,853	4,664,493	11,197,039
Construction of roads and railway	564,475	9,008,729	1,915,575	5,437,231	27,102,409	1,373,262,259	13,823,637	1,388,783
Specialized construction activities	149,850	1,416,852	7,107	939,539	18,620,107	8,868,676	3,088,816	726,682

Table A.112: Gross additions to fixed asset in the industry sector by size

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	432,552,373	356,945,105	2,818,917,141	2,284,239,503	3,592,936,865	20,592,125,872	1,704,801,587	1,128,616,733
Industry	68,245,069	189,168,104	2,490,310,284	631,662,438	2,600,088,383	19,248,388,787	667,568,600	180,161,199
Mining and quarrying	63,349,023	4,101,545	61,517,720	102,955,541	2,130,187,033	14,265,281,248	476,672,373	28,009,989
Large-Sized Businesses	63,120,897	240,405	29,906,657	63,387,907	91,245,183	3,312,215,599	12,518,771	24,655,293
Medium-Sized Businesses	222,026	3,825,740	4,091,202	27,944,771	2,032,668,942	10,935,359,344	463,942,866	531,108
Small-Sized Businesses	3,100	33,400	27,519,861	11,544,763	6,233,838	17,626,380	196,236	2,704,587
Micro-Sized Businesses	3,000	2,000	0	78,100	39,070	79,925	14,500	119,000
Manufacturing	3,979,128	36,825,559	1,661,883,586	369,485,672	163,433,001	744,454,543	31,729,505	92,010,134
Large-Sized Businesses	963,209	11,792,242	38,212,540	79,957,005	34,748,313	314,887,821	5,013,658	65,349,629
Medium-Sized Businesses	2,155,509	4,829,729	1,605,664,188	231,811,815	79,046,253	295,561,059	15,731,315	2,626,877
Small-Sized Businesses	430,503	19,076,741	17,809,106	43,131,515	35,602,754	103,406,411	8,055,199	22,699,069
Micro-Sized Businesses	429,907	1,126,847	197,753	14,585,336	14,035,681	30,599,252	2,929,334	1,334,559
Electricity, gas, steam and air conditioning supply	55,951	1,275,780	506,400,000	144,505,660	107,209,847	2,594,422,905	23,097,497	10,242,808
Large-Sized Businesses	55,951	1,118,680	506,400,000	144,505,660	63,556,229	2,427,231,746	22,784,178	232,658
Medium-Sized Businesses	0	157,100	0	0	0	353,727	3,414	10,000,000
Small-Sized Businesses	0	0	0	0	43,653,618	166,837,432	305,565	4,800
Micro-Sized Businesses	0	0	0	0	0	0	4,340	5,350
Water supply; sewerage, waste management	63,401	128,953,475	251,578,965	5,538,552	124,414,305	203,408,303	114,492,278	36,585,764
Large-Sized Businesses	0	128,895,475	250,500,000	5,188,281	19,525,619	177,815,663	52,161	28,860,742
Medium-Sized Businesses	0	6,000	39,219	0	93,225,052	275,600	113,094,229	46,100
Small-Sized Businesses	43,401	52,000	1,039,746	117,500	11,399,574	24,483,482	1,272,161	7,651,041
Micro-Sized Businesses	20,000	0	0	232,771	264,060	833,558	73,725	27,880
Construction	797,566	18,011,745	8,930,013	9,177,012	74,844,197	1,440,821,788	21,576,946	13,312,504
Large-Sized Businesses	543,984	10,291,942	2,498,310	4,160,228	38,688,546	68,346,287	4,821,125	991,876
Medium-Sized Businesses	72,426	2,537,544	2,605,151	3,390,741	17,354,732	1,167,877,310	14,786,871	7,538,947
Small-Sized Businesses	181,156	5,140,473	3,823,275	1,549,119	17,544,425	204,264,775	1,950,331	4,755,564
Micro-Sized Businesses	0	41,786	3,277	76,923	1,256,494	333,417	18,620	26,118

Table A.113: Gross additions to fixed asset in the industry sector in Western region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Western Region	66,025,142	15,814,851	48,411,967	180,874,003	110,369,196	4,270,043,371	29,122,561	29,987,527
Industry	64,405,805	3,223,110	31,605,665	83,350,233	74,613,762	4,225,982,470	13,872,592	23,580,258
Mining and quarrying	63,120,897	0	31,469,814	62,967,266	48,255,086	4,029,867,106	12,301,484	22,801,724
Extraction of crude petroleum and natural gas	380,146	0	30,451,598	846,281	1,142,413	3,774,778,377	2,979,381	2,164,207
Mining of metal ores	62,740,751	0	1,008,902	62,095,824	46,352,449	254,189,754	9,249,430	18,585,815
Other mining and quarrying	0	0	0	0	166,421	64,125	5,150	57,410
Mining support service activities	0	0	9,314	25,161	593,803	834,850	67,523	1,994,292
Manufacturing	1,263,708	2,967,010	135,851	4,450,966	4,904,157	31,428,969	1,510,693	721,614
Manufacture of food products	0	2,722,388	9,675	267,141	148,026	20,877,647	373,943	262,070
Manufacture of beverages	95	87,000	0	130,476	648,083	717,040	34,613	17,233
Manufacture of textiles	300	0	0	0	0	10,902	2,573	300
Manufacture of wearing apparel	0	0	0	1,059,252	0	2,957,640	38,383	3,013
Manufacture of leather and related products	2,000	0	0	6,800	31,000	17,109	3,852	6,005
Manufacture of wood and of products of wood and cork, except furniture;	1,030	0	20,000	131,824	2,344,760	1,099,272	105,644	60,368
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	820	0	73,928	800	243,120	149,454	10,389	17,160
Manufacture of chemicals and chemical products	0	8,000	0	0	0	0	260	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	20,880	270	0
Manufacture of rubber and plastics products	0	75,000	0	0	20,058	540	80	0
Manufacture of other non-metallic mineral products	0	0	25,000	759,879	614,434	3,062,178	9,844	63,957
Manufacture of basic metals	0	6,000	0	0	9,000	25,910	10,132	6,500
Manufacture of fabricated metal products, except machinery and equipment	1,245,725	10,000	5,860	1,670,498	647,179	975,156	882,696	59,257
Manufacture of computer, electronic and optical products	0	0	0	0	0	50	100	105

Table A.113: Gross additions to fixed asset in the industry sector in Western region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Manufacturing (Cont'd)								
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	21,900	450	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	212,909	0	0
Manufacture of other transport equipment	0	0	0	0	0	1,500	0	214,950
Manufacture of furniture	10,500	51,280	1,388	424,297	115,235	1,248,112	19,171	5,295
Other manufacturing	0	7,342	0	0	0	5,776	0	0
Repair and installation of machinery and equipment	3,238	0	0	0	83,262	24,993	18,292	5,400
Electricity, gas, steam and air conditioning supply	0	157,100	0	14,617,680	20,029,000	156,053,727	3,914	6,350
Electricity, gas, steam and air conditioning supply	0	157,100	0	14,617,680	20,029,000	156,053,727	3,914	6,350
Water supply; sewerage, waste management	20,000	0	0	0	206,077	16,000	5,000	7,000
Water collection, treatment and supply	0	0	0	0	198,577	16,000	5,000	500
Waste collection, treatment and disposal activities; materials recovery	20,000	0	0	0	7,500	0	0	6,500
Construction	1,200	99,000	0	1,314,321	1,219,442	8,616,668	51,502	43,570
Construction of buildings	1,200	91,000	0	1,136,550	876,589	1,331,528	6,577	3,976
Construction of roads and railway	0	8,000	0	0	89,725	7,148,318	30,783	0
Specialized construction activities	0	0	0	177,771	253,128	136,822	14,142	39,594

Table A.114: Gross additions to fixed asset in the industry sector in Central region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Central Region	371,954	6,192,179	2,627,132	25,947,205	14,703,009	269,813,741	8,213,753	3,802,356
Industry	50,436	1,767,260	65,195	7,108,029	6,851,741	257,453,644	2,195,534	628,921
Mining and quarrying	0	0	0	0	150,000	109,443	2,529	0
Mining of metal ores	0	0	0	0	150,000	106,543	2,529	0
Other mining and quarrying	0	0	0	0	0	2,000	0	0
Other mining and quarrying	0	0	0	0	0	900	0	0
Manufacturing	22,936	1,682,463	59,089	3,384,602	5,748,401	6,786,365	632,648	623,518
Manufacture of food products	0	203,768	0	693,420	2,537,010	302,762	76,249	417,143
Manufacture of beverages	0	0	4,500	0	1,120,500	3,267,318	9,289	52,941
Manufacture of textiles	0	0	0	0	0	24,853	466	0
Manufacture of wearing apparel	0	8,160	0	0	0	999,933	78,197	0
Manufacture of leather and related products	0	0	167	0	0	7,673	3,403	167
Manufacture of wood and of products of wood and cork, except furniture	0	0	53,600	0	0	154,123	81	842
Manufacture of paper and paper products	0	0	0	40,500	42,750	8,000	3,108	37,778
Printing and reproduction of recorded media	0	0	0	0	0	21,084	43,169	101,605
Manufacture of chemicals and chemical products	20,936	1,465,285	0	2,572,772	1,819,475	1,528,362	374,427	330
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	15,500	4,100	120	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	10,000	93,000	69,676	140	0
Manufacture of basic metals	2,000	0	0	0	0	16,000	16,007	0
Manufacture of fabricated metal products, except machinery and equipment	0	5,250	722	2,828	57,600	107,342	9,666	3,449

Table A.114: Gross additions to fixed asset in the industry sector in Central region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvement s	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangibl e Assets
Manufacture of computer, electronic and optical products	0	0	0	0	0	600	260	0
Manufacture of electrical equipment	0	0	0	0	0	10,500	30	0
Manufacture of machinery and equipment n.e.c.	0	0	0	23,625	0	61,315	1,276	455
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	19,859	100	0
Manufacture of other transport equipment	0	0	0	0	0	200	500	0
Manufacture of furniture	0	0	100	41,457	62,566	154,751	11,773	7,122
Other manufacturing	0	0	0	0	0	15,686	692	449
Repair and installation of machinery and equipment	0	0	0	0	0	12,227	3,693	1,237
Electricity, gas, steam and air conditioning supply	0	0	0	3,045,350	0	64,878,458	1,434,320	0
Electricity, gas, steam and air conditioning supply	0	0	0	3,045,350	0	64,878,458	1,434,320	0
Water supply; sewerage, waste management	27,500	0	0	4,000	0	6,530	6,188	0
Water collection, treatment and supply	27,500	0	0	4,000	0	6,530	6,188	0
Construction	0	84,797	6,106	674,077	953,341	185,672,847	119,850	5,403
Construction of buildings	0	84,797	6,106	668,182	136,400	99,874	115,957	0
Construction of roads and railway	0	0	0	2,000	748,899	185,572,704	2,000	5,325
Specialized construction activities	0	0	0	3,895	68,042	269	1,893	78

Table A.115: Gross additions to fixed asset in the industry sector in Greater Accra region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Greater Accra Region	357,672,888	290,652,115	2,722,184,869	1,503,172,215	3,179,360,643	14,713,311,695	1,575,919,120	1,053,415,053
Industry	3,179,579	173,428,392	2,443,861,368	364,038,569	2,394,557,922	13,993,089,354	628,529,395	152,938,148
Mining and quarrying	5,931	3,962,238	27,414,484	6,483,794	2,035,945,489	10,121,892,769	464,134,797	4,953,335
Mining of metal ores	0	10,000	0	132,600	2,594,248	33,673,952	24,264	180,163
Other mining and quarrying	2,931	3,753,516	0	130,000	16,173,095	9,085,639	66,023	21,800
Mining support service activities	3,000	198,722	27,414,484	6,221,194	2,017,178,146	10,079,133,179	464,044,510	4,751,372
Manufacturing	2,332,882	22,793,235	1,650,650,771	241,969,178	130,900,235	589,446,022	24,285,314	88,414,844
Manufacture of food products	795,043	1,139,684	17,846,151	53,182,641	11,079,786	49,436,880	1,826,323	39,549,269
Manufacture of beverages	188,805	9,655,546	5,217	11,779,748	13,244,797	137,853,362	3,868,913	21,819,683
Manufacture of textiles	0	714,625	0	2,227,052	284,548	6,059,139	50,621	225,724
Manufacture of wearing apparel	271,268	51,714	89,224	79,311	484,441	3,694,697	422,347	700,033
Manufacture of leather and related products	0	0	0	592,039	2,265	72,993	52,333	1,420
Manufacture of wood and of products of wood and cork, except furniture	0	3,982,439	424,831	13,817,327	569,454	31,412,380	136,769	348,030
Manufacture of paper and paper products	0	23,132	1,362	694,882	4,770,354	15,589,325	296,104	17,482,442
Printing and reproduction of recorded media	119,707	115,789	1,571,209,496	46,382,202	3,338,597	15,458,091	838,082	264,701
Manufacture of coke and refined petroleum products	0	0	993	1,665,958	0	14,509,946	0	0
Manufacture of chemicals and chemical products	113,871	116,178	60,000	2,199,501	5,787,292	20,116,405	1,400,994	3,132,273
Manufacture of pharmaceuticals, medicinal chemical and botanical products	68,190	1,146,800	0	41,744,460	137,753	24,189,529	332,530	1,357,866
Manufacture of rubber and plastics products	0	3,620,399	50,378,327	28,462,876	5,628,034	43,755,096	563,202	412,236
Manufacture of other non-metallic mineral products	1,910	470,384	90,304	3,099,020	7,431,356	3,015,669	554,605	331,363

Table A.115: Gross additions to fixed asset in the industry sector in Greater Accra region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Manufacturing (Cont'd)								
Manufacture of basic metals	15,215	59,000	477,838	4,003,900	1,758,408	22,371,556	366,591	249,900
Manufacture of fabricated metal products, except machinery and equipment	77,417	606,097	9,635,160	830,800	4,027,046	16,291,175	1,574,337	2,340,346
Manufacture of computer, electronic and optical products	2,000	0	0	0	95,700	292,727	53,764	105,153
Manufacture of electrical equipment	0	122,000	431,869	932,000	80,000	54,980,882	74,891	11,101
Manufacture of machinery and equipment n.e.c.	677,967	0	0	292,519	1,020,571	100,179,798	11,698	24,400
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	57,519	100	0
Manufacture of other transport equipment	0	0	0	0	0	400	0	0
Manufacture of furniture	0	969,447	0	12,999,514	69,315,173	25,135,444	11,322,470	9,242
Other manufacturing	1,490	0	0	16,983,428	477,206	3,566,898	376,628	200
Repair and installation of machinery and equipment	0	0	0	0	1,367,455	1,406,110	162,012	49,461

Table A.115: Gross additions to fixed asset in the industry sector in Greater Accra region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	55,501	1,110,600	506,400,000	103,697,970	51,622,093	1,872,191,005	6,883,923	10,236,458
Electricity, gas, steam and air conditioning supply	55,501	1,110,600	506,400,000	103,697,970	51,622,093	1,872,191,005	6,883,923	10,236,458
Water supply; sewerage, waste management	0	128,189,275	251,578,965	5,415,852	110,348,848	177,640,532	112,417,172	36,505,929
Water collection, treatment and supply	0	127,900,000	250,500,000	0	16,655,384	176,807,198	43,070	5,544,349
Sewerage	0	0	0	0	0	0	95,263	14,531
Waste collection, treatment and disposal activities; materials recovery	0	289,275	1,078,965	5,415,852	93,693,464	833,334	112,278,839	30,947,048
Construction	785,265	17,373,044	7,817,148	6,471,775	65,741,257	1,231,919,026	20,808,189	12,827,583
Construction of buildings	80,791	7,345,892	5,910,948	366,819	26,448,140	47,144,594	3,990,222	10,861,017
Construction of roads and railway	564,235	8,743,300	1,906,200	5,435,231	24,648,447	1,176,060,085	13,790,354	1,281,417
Specialized construction activities	140,239	1,283,852	0	669,725	14,644,671	8,714,347	3,027,612	685,149

Table A.116: Gross additions to fixed asset in the industry sector in Volta region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS -Volta Region	413,861	2,634,937	4,395,930	40,575,036	28,900,836	78,636,573	16,838,097	1,558,020
Industry	11,006	255,777	1,261,664	4,547,369	12,164,300	72,530,500	12,176,885	322,225
Mining and quarrying	0	31,500	85,377	183,974	1,056,336	1,121,481	49,906	0
Other mining and quarrying	0	31,500	85,377	183,974	1,056,336	1,121,481	49,906	0
Manufacturing	10,135	196,277	91,982	1,231,917	1,874,343	4,987,244	194,488	303,561
Manufacture of food products	0	1,000	872	813,306	495,763	1,390,577	12,613	129,644
Manufacture of beverages	0	90,350	0	10,500	946,333	1,554,857	1,504	8,069
Manufacture of textiles	242	0	0	2,290	0	18,322	10,205	9,799
Manufacture of wearing apparel	25	64,167	0	7,318	0	1,050,940	90,077	3,947
Manufacture of leather and related products	0	0	0	0	0	1,747	2,228	0
Manufacture of wood and of products of wood and cork, except furniture;	3,240	1,200	1,000	39,205	301,943	444,350	24,261	8,560
Manufacture of paper and paper products	0	0	0	0	0	12,500	0	0
Printing and reproduction of recorded media	5,394	0	0	10,000	0	33,299	11,464	106,254
Manufacture of chemicals and chemical products	0	0	0	1,300	20,000	1,520	110	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	1,400	0	0	0	100	0
Manufacture of rubber and plastics products	0	0	900	2,300	0	2,100	680	0
Manufacture of other non-metallic mineral products	1,000	38,360	0	210,144	15,076	128,675	2,687	0
Manufacture of fabricated metal products, except machinery and equipment	0	1,200	10	15,454	31,833	183,387	5,149	597
Manufacture of computer, electronic and optical products	0	0	0	0	0	80	250	1,161
Manufacture of electrical equipment	0	0	0	0	0	855	0	0
Manufacture of machinery and equipment n.e.c.	0	0	87,500	62,000	4,300	27,860	1,150	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	595	90	0	0
Manufacture of other transport equipment	150	0	300	600	500	6,308	808	0
Manufacture of furniture	84	0	0	56,499	58,000	128,952	30,917	20,576
Other manufacturing	0	0	0	1,000	0	0	9	1,035
Repair and installation of machinery and equipment	0	0	0	0	0	825	275	13,920

Table A.116: Gross additions to fixed asset in the industry sector in Volta region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	3,045,350	7,411,044	64,877,848	10,723,950	0
Electricity, gas, steam and air conditioning supply	0	0	0	3,045,350	7,411,044	64,877,848	10,723,950	0
Water supply; sewerage, waste management	260	2,000	0	15,200	1,123,746	16,689	1,195,204	11,500
Water collection, treatment and supply	0	0	0	15,200	1,042,770	15,540	1,191,550	0
Waste collection, treatment and disposal activities; materials recovery	260	2,000	0	0	80,977	1,149	3,654	11,500
Construction	611	26,000	1,084,305	70,929	698,830	1,527,238	13,336	7,164
Construction of buildings	0	26,000	1,084,305	0	698,830	1,298,520	10,026	6,600
Construction of roads and railway	0	0	0	0	0	220,000	0	0
Specialized construction activities	611	0	0	70,929	0	8,719	3,310	564

Table A.117: Gross additions to fixed asset in the industry sector in Eastern region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Eastern Region	1,319,522	3,497,744	10,921,906	84,933,397	50,085,592	133,234,711	18,598,804	6,633,395
Industry	138,647	331,965	3,701,127	19,852,988	31,175,949	115,424,922	3,221,448	1,339,684
Mining and quarrying	6,100	6,683	2,548,045	269,633	1,079,167	10,562,515	77,667	22,401
Mining of metal ores	6,100	6,683	2,528,045	164,633	689,167	8,951,580	7,177	19,401
Other mining and quarrying	0	0	20,000	105,000	390,000	1,610,935	70,490	3,000
Manufacturing	123,547	275,282	1,152,914	15,913,634	8,018,123	25,984,190	1,950,097	1,198,166
Manufacture of food products	345	20,369	394,205	7,598,383	942,920	2,935,930	53,072	42,544
Manufacture of beverages	5,680	14,000	0	1,763,804	4,294,001	3,783,677	347,654	15,800
Manufacture of textiles	0	0	0	4,486,136	35,000	11,342	8,334	0
Manufacture of wearing apparel	0	0	14,733	509,773	0	296,376	32,795	2,529
Manufacture of leather and related products	0	0	0	10,500	0	14,923	4,112	0
Manufacture of wood and of products of wood and cork, except furniture	0	159,530	60,857	851,668	87,000	16,647,648	591,881	100,302
Manufacture of paper and paper products	0	9,000	355,589	0	34,000	0	0	0
Printing and reproduction of recorded media	600	7,000	0	500	0	433,549	71,161	191,967
Manufacture of chemicals and chemical products	0	0	0	0	25,000	450	0	1,000
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	78,995	1,838,354	145,337	748,796	712,752
Manufacture of rubber and plastics products	0	0	16,000	0	0	0	200	0
Manufacture of other non-metallic mineral products	20,000	0	311,200	521,500	298,000	625,096	14,900	85,100
Manufacture of basic metals	0	0	0	14,167	0	8,500	30,376	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	330	73,927	450,640	839,276	3,881	170
Manufacture of computer, electronic and optical products	0	0	0	300	0	830	28,794	2,700
Manufacture of electrical equipment	0	0	0	0	0	0	0	5,897
Manufacture of machinery and equipment n.e.c.	2,833	23,571	0	0	3,778	85,179	1,202	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	737	0	0
Manufacture of other transport equipment	0	0	0	0	0	100	0	0
Manufacture of furniture	94,088	41,812	0	3,982	9,000	119,650	6,982	20,524
Other manufacturing	0	0	0	0	430	28,166	5,716	16,831
Repair and installation of machinery and equipment	0	0	0	0	0	7,424	241	50

Table A.117: Gross additions to fixed asset in the industry sector in Eastern region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	3,654,420	18,416,050	77,853,424	1,191,550	0
Electricity, gas, steam and air conditioning supply	0	0	0	3,654,420	18,416,050	77,853,424	1,191,550	0
Water supply; sewerage, waste management	0	50,000	0	13,500	199,299	399,153	750	20,900
Water collection, treatment and supply	0	50,000	0	0	199,299	21,653	0	20,000
Waste collection, treatment and disposal activities; materials recovery	0	0	0	13,500	0	377,500	750	900
Construction	9,000	0	167	1,800	3,463,310	625,640	1,385	98,217
Construction of buildings	0	0	0	0	0	280,440	0	9,167
Construction of roads and railway	0	0	0	0	463,310	345,200	0	88,800
Specialized construction activities	9,000	0	167	1,800	3,000,000	0	1,385	250

Table A.118: Gross additions to fixed asset in the industry sector in Ashanti region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Ashanti Region	5,195,497	31,024,685	26,532,219	371,152,619	109,575,906	581,807,673	33,676,881	23,943,784
Industry	365,703	8,089,814	9,673,966	136,571,487	55,445,808	495,524,890	5,719,787	787,298
Mining and quarrying	216,095	97,224	0	32,966,060	43,533,412	99,890,364	74,034	110,883
Mining of metal ores	212,656	45,000	0	27,666,060	39,964,606	97,998,500	44,680	65,883
Other mining and quarrying	3,439	52,224	0	5,300,000	3,568,806	1,891,864	29,354	45,000
Manufacturing	149,608	7,856,115	9,663,995	87,160,537	7,830,714	33,910,234	2,400,190	608,196
Manufacture of food products	600	399,916	3,255,946	1,684,143	544,670	7,112,299	232,413	16,695
Manufacture of beverages	6,500	127,884	509,902	73,322,584	4,937,107	1,440,596	73,231	30,813
Manufacture of textiles	0	0	0	3,125	34,100	15,604	7,837	0
Manufacture of wearing apparel	125,788	5,843,141	0	2,477,547	0	5,573,335	1,696,830	324,549
Manufacture of leather and related products	7,638	0	2,463	0	0	154,657	24,906	8,448
Manufacture of wood and of products of wood and cork, except furniture	228	1,200,000	29,571	5,661,323	167,514	1,465,732	137,961	17,200
Manufacture of paper and paper products	0	2,000	0	0	75,835	87,863	7,711	7,950
Printing and reproduction of recorded media	7,370	0	0	0	371,927	14,167,564	46,535	50,739
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	150	11,300	0	3,731	9,009	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	54,408	206,191	714,599	1,843	397
Manufacture of rubber and plastics products	0	0	0	200	0	142,314	56	3,600
Manufacture of other non-metallic mineral products	439	52,224	0	33,000	60,000	40,984	1,457	70,000
Manufacture of basic metals	0	0	5,674,001	3,283,628	0	509,263	0	30,218
Manufacture of fabricated metal products, except machinery and equipment	0	163,200	73,350	289,717	535,188	1,388,448	22,151	25,216
Manufacture of computer, electronic and optical products	50	0	0	0	0	6,911	100	0
Manufacture of electrical equipment	0	0	0	0	15,000	5,500	0	0
Manufacture of machinery and equipment n.e.c.	0	64,000	0	0	45,333	156,000	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	118,611	135,556	153,600	110,117	2,000	22,192
Manufacture of other transport equipment	0	0	0	0	0	300	0	0
Manufacture of furniture	995	0	0	169,252	0	408,140	89,285	0
Other manufacturing	0	0	0	34,755	343,750	85,665	20,737	80
Repair and installation of machinery and equipment	0	3,750	0	0	340,500	320,611	26,127	100

Table A.118: Gross additions to fixed asset in the industry sector in Ashanti region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	16,444,890	2,215,260	350,326,000	2,859,720	0
Electricity, gas, steam and air conditioning supply	0	0	0	16,444,890	2,215,260	350,326,000	2,859,720	0
Water supply; sewerage, waste management	0	0	0	0	1,462,022	1,097,125	2,950	9,400
Water collection, treatment and supply	0	0	0	0	271,989	1,052,025	800	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	1,190,033	45,100	2,150	9,400
Construction	0	136,475	9,971	0	404,400	10,301,167	382,893	58,818
Construction of buildings	0	3,475	5,971	0	223,900	7,738,889	382,438	58,430
Construction of roads and railway	0	0	0	0	0	2,561,420	0	192
Specialized construction activities	0	133,000	4,000	0	180,500	858	455	197

Table A.119: Gross additions to fixed asset in the industry sector in Brong Ahafo region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Brong Ahafo Region	421,970	3,456,184	450,037	34,600,286	9,819,475	491,299,613	11,325,366	3,909,238
Industry	26,925	806,271	26,236	12,722,521	2,509,957	50,224,328	404,759	113,695
Mining and quarrying	0	0	0	0	161,213	679,829	16,512	0
Mining of metal ores	0	0	0	0	161,213	679,829	16,512	0
Other mining and quarrying	0	0	0	0	0	0	0	0
Manufacturing	22,425	782,271	23,296	12,632,521	1,817,178	47,455,067	260,407	45,085
Manufacture of food products	0	7,138	3,840	12,080,347	132,139	43,938,309	50,671	1,508
Manufacture of beverages	0	0	0	235,415	1,182,000	176,335	28,215	2,950
Manufacture of textiles	0	0	0	0	0	100	2,000	0
Manufacture of wearing apparel	250	555,067	4,269	0	2,900	253,639	149,778	9,883
Manufacture of leather and related products	0	0	0	0	12,939	7,940	874	2,216
Manufacture of wood and of products of wood and cork, except furniture	1,125	125,000	0	85,200	177,717	2,304,959	3,365	13,262
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	2,603	0	0	32,276	50,000	86,671	8,301	6,332
Manufacture of chemicals and chemical products	0	0	0	27,500	0	2,118	1,510	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	200	100	0
Manufacture of other non-metallic mineral products	0	0	2,188	3,050	0	12,432	73	277
Manufacture of fabricated metal products, except machinery and equipment	700	3,000	0	20,906	4,800	306,695	5,361	0
Manufacture of computer, electronic and optical products	300	800	0	0	2,000	8,400	35	300
Manufacture of electrical equipment	0	0	0	0	0	733	0	0
Manufacture of machinery and equipment n.e.c.	0	0	13,000	14,444	0	82,844	660	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	3,966	0	0
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	88,333	0	128,632	252,683	259,700	9,314	0
Other manufacturing	0	0	0	4,750	0	5,064	101	0
Repair and installation of machinery and equipment	17,447	2,933	0	0	0	4,962	50	8,357

Table A.119: Gross additions to fixed asset in the industry sector in Brong Ahafo region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Water supply; sewerage, waste management	4,500	0	0	90,000	103,700	1,997,299	1,190	28,985
Water collection, treatment and supply	4,500	0	0	90,000	99,100	1,997,299	1,190	28,630
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	4,600	0	0	355
Construction	0	24,000	2,940	0	427,867	92,133	126,650	39,625
Construction of buildings	0	24,000	0	0	0	91,858	126,400	29,625
Construction of roads and railway	0	0	0	0	0	0	0	10,000
Specialized construction activities	0	0	2,940	0	427,867	275	250	0

Table A.120: Gross additions to fixed asset in the industry sector in Northern region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Northern Region	573,315	2,482,527	1,952,592	20,821,062	61,569,116	17,684,389	6,807,807	2,924,512
Industry	8,664	1,109,199	17,736	609,863	11,105,537	10,303,680	1,094,939	18,548
Mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacturing	633	131,490	17,736	594,743	789,301	1,507,390	196,445	12,548
Manufacture of food products	0	0	6,200	166,525	64,000	502,945	24,502	2,600
Manufacture of beverages	0	23,050	0	0	68,571	3,465	6,035	0
Manufacture of textiles	50	0	0	300	0	4,097	338	2,825
Manufacture of wearing apparel	0	3,000	6,451	113,381	461,863	528,829	121,952	625
Manufacture of leather and related products	0	0	0	0	0	1,662	1,418	0
Manufacture of wood and of products of wood and cork, except furniture;	0	0	0	0	0	87,028	693	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	100	2,500	0	0	9,600	44,012	5,017	5,307
Manufacture of chemicals and chemical products	0	2,000	0	2,500	5,400	420	1,000	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	1,500	0	0	1,200	1,000	120	0
Manufacture of rubber and plastics products	0	2,000	0	0	0	485	0	0
Manufacture of other non-metallic mineral products	0	0	0	234,643	0	14,913	236	0
Manufacture of basic metals	0	0	0	740	0	520	94	0
Manufacture of fabricated metal products, except machinery and equipment	483	47,198	2,178	42,251	22,533	218,362	8,593	891
Manufacture of computer, electronic and optical products	0	0	0	0	0	150	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	2,000	4,300	8,900	0	300
Manufacture of motor vehicles, trailers and semi-trailers	0	0	350	0	0	0	642	0
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	50,242	2,558	29,625	151,833	90,249	25,745	0
Other manufacturing	0	0	0	0	0	200	60	0
Repair and installation of machinery and equipment	0	0	0	2,778	0	152	0	0

Table A.120: Gross additions to fixed asset in the industry sector in Northern region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	450	8,080	0	0	7,516,400	8,242,443	120	0
Electricity, gas, steam and air conditioning supply	450	8,080	0	0	7,516,400	8,242,443	120	0
Water supply; sewerage, waste management	7,341	712,200	0	0	2,360,464	327,372	855,032	0
Water collection, treatment and supply	7,341	706,200	0	0	2,153,004	69,372	220	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	6,000	0	0	207,460	258,000	854,812	0
Construction	240	257,429	0	15,120	439,372	226,476	43,342	6,000
Construction of buildings	0	0	0	0	121,429	338	4,875	3,900
Construction of roads and railway	240	257,429	0	0	315,443	225,000	500	1,850
Specialized construction activities	0	0	0	15,120	2,500	1,138	37,967	250

Table A.121: Gross additions to fixed asset in the industry sector in Upper East region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Upper East Region	248,705	606,166	763,532	10,575,958	22,716,103	7,774,386	2,431,671	1,561,939
Industry	18,026	85,212	10,501	1,371,270	9,894,376	3,345,383	219,895	191,832
Mining and quarrying	0	3,900	0	84,814	6,330	1,086,131	15,445	117,000
Mining of metal ores	0	3,000	0	76,600	5,600	250,761	1,000	109,500
Other mining and quarrying	0	900	0	8,214	730	835,370	14,445	7,500
Manufacturing	16,776	81,312	10,501	1,286,456	1,018,608	1,567,772	174,487	58,582
Manufacture of food products	7,444	30,226	1,811	670,746	199,820	107,554	31,358	20,601
Manufacture of beverages	5,743	27,235	1,190	151,619	264,233	177,821	18,695	10,250
Manufacture of textiles	0	0	0	3,860	6,000	22,850	14,814	4,080
Manufacture of wearing apparel	0	0	7,380	319,522	156,337	263,130	75,388	9,781
Manufacture of leather and related products	0	0	0	1,600	450	1,252	205	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	45,900	109,200	12,964	7,705	2,140
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	0	0	0	0	0	820	70	1,000
Manufacture of chemicals and chemical products	0	0	0	7,000	0	1,440	672	1,470
Manufacture of rubber and plastics products	0	0	0	0	800	24	40	0
Manufacture of other non-metallic mineral products	0	0	0	140	23,000	153,000	195	0
Manufacture of basic metals	0	0	0	0	0	1,200	0	0
Manufacture of fabricated metal products, except machinery and equipment	3,590	18,000	120	67,100	70,631	596,726	10,935	9,260
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	11,832	234	0
Manufacture of other transport equipment	0	0	0	0	0	500	120	0
Manufacture of furniture	0	5,850	0	18,970	188,137	216,660	13,328	0
Repair and installation of machinery and equipment	0	0	0	0	0	0	728	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Water supply; sewerage, waste management	0	0	0	0	8,239,648	3,000	8,782	1,200
Water collection, treatment and supply	0	0	0	0	7,893,347	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	346,301	3,000	8,782	1,200
Construction	1,250	0	0	0	629,790	688,480	21,181	15,050
Construction of buildings	1,250	0	0	0	522,390	687,544	19,780	13,250
Construction of roads and railway	0	0	0	0	64,000	0	0	1,200
Specialized construction activities	0	0	0	0	43,400	936	1,401	600

Table A.122: Gross additions to fixed asset in the industry sector in Upper West region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Upper West Region	309,518	583,718	676,957	11,587,723	5,836,988	28,519,721	1,867,526	880,907
INDUSTRY	40,278	71,104	86,826	1,490,109	1,769,029	24,509,616	133,365	240,589
Mining and quarrying	0	0	0	0	0	71,610	0	4,645
Mining of metal ores	0	0	0	0	0	71,610	0	4,645
Other mining and quarrying	0	0	0	0	0	0	0	0
Manufacturing	36,478	60,104	77,451	861,118	531,941	1,381,290	124,736	24,020
Manufacture of food products	0	0	47,129	516,891	341,654	889,054	33,558	5,308
Manufacture of beverages	0	225	0	3,950	3,000	116,627	993	3,365
Manufacture of textiles	0	0	1,508	0	1,350	13,926	5,080	100
Manufacture of wearing apparel	0	3,333	21,331	273,612	11,616	109,067	60,619	5,436
Manufacture of leather and related products	0	0	0	0	0	730	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	37,091	0	26,198	63,400	39,720	5,008	1,000
Printing and reproduction of recorded media	58	0	0	0	4,000	15,597	2,121	2,636
Manufacture of chemicals and chemical products	0	0	0	900	0	400	64	300
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	250	0	50	0	2,600	450	770	0
Manufacture of basic metals	0	0	0	0	700	2,500	0	100
Manufacture of fabricated metal products, except machinery and equipment	200	0	500	12,799	74,557	121,557	12,251	1,520
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0	50
Manufacture of electrical equipment	0	0	0	0	0	7,002	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	250	375	0
Manufacture of other transport equipment	0	0	0	0	0	6,426	0	0
Manufacture of furniture	35,970	19,455	6,932	26,767	24,016	56,904	3,831	2,859
Other manufacturing	0	0	0	0	0	705	0	0
Repair and installation of machinery and equipment	0	0	0	0	5,049	373	67	1,346
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Water supply; sewerage, waste management	3,800	0	0	0	370,500	21,904,604	10	850
Water collection, treatment and supply	3,800	0	0	0	370,500	21,904,604	10	850
Construction	0	11,000	9,375	628,991	866,588	1,152,113	8,619	211,074
Construction of buildings	0	11,000	0	628,691	94,003	17,269	8,218	211,074
Civil engineering	0	0	9,375	0	772,585	1,129,532	0	0
Specialized construction activities	0	0	0	300	0	5,312	401	0

Table A.123: Gross additions to fixed asset in the service sector

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	432,552,373	356,945,105	2,818,917,141	2,284,239,503	3,592,936,865	20,592,125,872	1,704,801,587	1,128,616,733
Services	364,275,577	166,349,147	327,906,350	1,646,805,594	981,319,953	1,289,070,685	1,026,867,975	885,309,809
Wholesale and retail trade and repair of motor vehicles and motorcycles	5,609,231	101,441,806	181,697,390	336,297,167	365,321,713	761,817,701	66,214,985	108,057,557
Wholesale and retail trade and repair of motor vehicles and motorcycles	800,493	24,642,141	4,176,900	11,532,506	16,849,639	21,120,238	5,424,424	2,881,238
Wholesale trade, except of motor vehicles and motorcycles	2,583,998	8,157,959	39,614,143	171,878,903	47,115,518	82,105,040	8,000,238	16,430,383
Retail trade, except of motor vehicles and motorcycles	2,224,740	68,641,706	137,906,347	152,885,758	301,356,555	658,592,423	52,790,323	88,745,936
Transportation and storage	5,955,255	3,650,855	10,750,043	20,517,799	94,202,324	19,437,744	6,733,664	6,316,096
Land transport and transport via pipelines	973,515	695,786	1,269,630	8,368,940	37,233,462	1,820,693	424,676	783,820
Water transport	331,237	0	7,144,967	4,230,000	2,253,610	2,504,575	279,851	453,544
Air transport	4,411,208	315	0	87,744	539,357	291,798	538,397	1,350,058
Warehousing and support activities for transportation	238,094	2,954,754	2,313,390	7,784,366	51,939,406	14,674,817	5,375,444	3,610,518
Postal and courier activities	1,200	0	22,056	46,749	2,236,489	145,861	115,297	118,156
Accommodation and food service activities	2,856,753	4,920,141	61,508,339	323,454,081	26,452,255	49,147,863	29,290,195	7,908,054
Accommodation	1,453,480	3,615,976	58,474,153	276,401,748	8,885,927	24,573,171	19,513,645	3,800,816
Food and beverage service activities	1,403,272	1,304,165	3,034,186	47,052,333	17,566,327	24,574,692	9,776,551	4,107,238
Information and communication	50,368,772	634,206	1,018,136	11,919,925	82,936,902	248,299,645	4,740,962	138,856,771
Publishing activities	870,172	115,641	258,547	202,493	4,214,635	1,938,645	284,994	424,461
Motion picture, video and television programme production, sound recording	39,343	22,621	0	1,447,352	151,614	129,625	186,865	130,270
Programming and broadcasting activities	401,774	0	3,171	8,840,567	4,442,569	61,332,677	1,391,391	88,272,607
Telecommunications	42,753,042	408,471	57,717	1,111,363	67,380,907	179,888,261	1,845,395	47,738,547
Computer programming, consultancy and related activities	5,434,372	36,500	666,712	15,430	2,776,426	4,172,205	770,761	1,569,889
Information service activities	870,069	50,974	31,989	302,720	3,970,750	838,232	261,555	720,996
Financial and insurance activities	289,550,089	618,327	32,537,262	746,551,579	259,385,632	81,919,714	846,718,420	573,674,818
Financial service activities, except insurance and pension funding	288,811,008	618,327	32,537,262	696,814,060	242,891,578	72,649,875	832,730,297	562,074,270
Insurance, reinsurance and pension funding, except compulsory social security	729,681	0	0	44,968,508	13,934,018	3,748,384	12,930,939	10,504,318
Activities auxiliary to financial service and insurance activities	9,400	0	0	4,769,011	2,560,036	5,521,455	1,057,184	1,096,230
Real estate activities	78,588	30,514,131	190,929	23,106,730	5,330,748	2,724,262	1,879,623	5,429,859
Real estate activities	78,588	30,514,131	190,929	23,106,730	5,330,748	2,724,262	1,879,623	5,429,859

Table A.123: Gross additions to fixed asset in the service sector (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	423,074	152,012	1,976,531	27,090,070	17,417,279	15,688,297	7,426,447	8,110,366
Legal and accounting activities	10,488	0	0	167,244	1,438,952	419,349	996,482	1,523,874
Activities of head offices; management consultancy activities	19,741	0	469,921	22,086,612	1,372,209	360,160	519,025	1,111,747
Architectural and engineering activities; technical testing and analysis	450	0	156,900	1,434,940	9,384,240	6,298,378	1,577,377	1,723,771
Scientific research and development	0	0	1,189,878	96,840	460,227	231,792	167,488	82,004
Advertising and market research	303,531	15,000	0	2,650,145	4,145,898	1,262,752	3,480,808	2,059,501
Other professional, scientific and technical activities	88,864	137,012	159,832	654,288	615,753	7,109,367	665,211	1,608,869
Veterinary activities	0	0	0	0	0	6,500	20,055	600
Administrative and support service activities	1,610,350	3,784,115	15,527,695	45,138,589	68,859,564	22,402,269	11,258,040	10,317,370
Rental and leasing activities	18,195	3,214,173	15,344,169	43,615,363	60,187,314	7,505,765	1,224,554	4,566,787
Employment activities	5,797	390,000	0	15	2,480,722	13,281	259,182	534,901
Travel agency, tour operator, reservation service and related activities	15,370	3,000	95,556	1,000	1,454,713	580,322	561,038	145,535
Security and investigation activities	1,367,335	0	62,182	90,728	3,276,727	3,837,006	596,366	1,770,013
Services to buildings and landscape activities	0	113,357	0	0	412,886	86,169	6,931,627	352,821
Office administrative, office support and other business support activities	203,653	63,585	25,788	1,431,483	1,047,203	10,379,727	1,685,273	2,947,312
Education	1,517,714	1,465,515	5,880,288	46,444,043	20,643,130	12,601,299	21,366,694	9,910,458
Education	1,517,714	1,465,515	5,880,288	46,444,043	20,643,130	12,601,299	21,366,694	9,910,458
Human health and social work activities	321,281	66,710	2,639,732	31,920,933	8,206,367	25,421,221	7,318,923	7,525,846
Human health activities	293,783	50,685	2,639,732	30,817,510	6,171,122	24,399,156	6,334,195	7,237,906
Residential care activities	0	0	0	68,900	152,095	18,579	22,511	47,823
Social work activities without accommodation	27,498	16,025	0	1,034,523	1,883,151	1,003,486	962,217	240,116
Arts, entertainment and recreation	386,268	10,357	89,185	426,122	1,120,194	7,989,466	5,477,375	978,694
Creative, arts and entertainment activities	253,021	0	3,600	8,050	11,775	598,287	137,678	301,750
Libraries, archives, museums and other cultural activities	900	0	1,613	0	73,565	66,685	1,263,543	111,897
Gambling and betting activities	100,487	7,714	38,414	322,416	643,458	6,543,915	3,853,877	483,935
Sports activities and amusement and recreation activities	31,861	2,643	45,558	95,656	391,396	780,580	222,278	81,112
Other service activities	5,598,202	19,090,971	14,090,819	33,938,556	31,443,845	41,621,203	18,442,646	8,223,920
Activities of membership organizations	4,951,359	18,429,513	13,894,662	26,250,698	24,474,253	30,561,478	9,153,690	3,708,282
Repair of computers and personal and household goods	550,866	149,786	88,777	716,941	5,398,041	2,058,116	793,315	2,822,793
Other personal service activities	95,977	511,671	107,379	6,970,918	1,571,551	9,001,610	8,495,641	1,692,846

Table A.124: Gross additions to fixed asset in the services sector by size

Sector	Intangible Assets		Other Construction and land Improvements		Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
		Land		Buildings				
ALL SECTORS - National	432,552,373	356,945,105	2,818,917,141	2,284,239,503	3,592,936,865	20,592,125,872	1,704,801,587	1,128,616,733
Services	364,275,577	166,349,147	327,906,350	1,646,805,594	981,319,953	1,289,070,685	1,026,867,975	885,309,809
Wholesale and retail trade and repair of motor vehicles and motorcycles	5,609,231	101,441,806	181,697,390	336,297,167	365,321,713	761,817,701	66,214,985	108,057,557
Large-Sized Businesses	2,184,665	6,015,899	62,031,391	18,684,970	222,284,125	77,259,386	15,822,914	40,179,091
Medium-Sized Businesses	445,597	44,081,975	5,097,788	146,557,136	41,448,030	70,211,529	8,159,064	41,522,130
Small-Sized Businesses	2,414,021	35,364,690	108,911,749	116,728,804	82,157,999	140,584,429	14,491,905	18,155,213
Micro-Sized Businesses	564,949	15,979,243	5,656,462	54,326,257	19,431,559	473,762,358	27,741,101	8,201,124
Transportation and storage	5,955,255	3,650,855	10,750,043	20,517,799	94,202,324	19,437,744	6,733,664	6,316,096
Large-Sized Businesses	5,727,048	310,000	10,156,774	4,811,584	22,445,212	10,675,439	1,626,339	2,713,666
Medium-Sized Businesses	202,765	2,863,092	488,561	11,618,448	43,785,067	6,669,283	2,510,648	770,516
Small-Sized Businesses	24,623	474,163	104,708	4,037,687	24,673,382	2,009,391	2,277,335	2,516,533
Micro-Sized Businesses	818	3,600	0	50,080	3,298,663	83,631	319,343	315,381
Accommodation and food service activities	2,856,753	4,920,141	61,508,339	323,454,081	26,452,255	49,147,863	29,290,195	7,908,054
Large-Sized Businesses	401,437	1,110,026	54,715,874	166,309,901	3,477,801	6,955,524	10,033,151	1,358,532
Medium-Sized Businesses	325,436	1,903,078	882,169	53,981,602	15,773,562	20,471,873	6,404,905	3,582,540
Small-Sized Businesses	1,174,288	1,254,912	3,602,920	19,288,882	5,188,630	15,945,966	7,905,212	1,260,167
Micro-Sized Businesses	955,592	652,126	2,307,376	83,873,695	2,012,262	5,774,500	4,946,927	1,706,815
Information and communication	50,368,772	634,206	1,018,136	11,919,925	82,936,902	248,299,645	4,740,962	138,856,771
Large-Sized Businesses	41,988,584	0	174,243	1,265,827	68,769,236	174,616,527	850,572	45,023,462
Medium-Sized Businesses	1,427,043	46,000	86,504	8,692,295	8,136,064	13,468,795	1,193,115	3,451,538
Small-Sized Businesses	6,421,156	152,141	35,610	1,869,948	5,899,242	57,377,101	1,371,292	88,042,591
Micro-Sized Businesses	531,988	436,066	721,779	91,855	132,359	2,837,223	1,325,983	2,339,179
Financial and insurance activities	289,550,089	618,327	32,537,262	746,551,579	259,385,632	81,919,714	846,718,420	573,674,818
Large-Sized Businesses	90,058,174	0	26,327,164	211,051,316	107,803,259	41,622,873	607,365,418	88,132,626
Medium-Sized Businesses	28,191,094	230,772	797,499	18,585,942	31,683,078	21,764,717	45,997,228	131,145,174
Small-Sized Businesses	1,427,021	387,555	5,412,599	172,617,399	94,131,789	13,340,222	45,938,940	22,963,544
Micro-Sized Businesses	169,873,800	0	0	344,296,923	25,767,505	5,191,901	147,416,833	331,433,474
Real estate activities	78,588	30,514,131	190,929	23,106,730	5,330,748	2,724,262	1,879,623	5,429,859
Large-Sized Businesses	10,708	0	0	3,883,540	531,004	49,511	324,823	85,268
Medium-Sized Businesses	3,000	2,309,286	163,128	3,810,507	1,325,022	1,790,450	327,087	4,971,001
Small-Sized Businesses	64,880	25,405,094	0	15,410,883	3,396,754	860,956	664,184	292,022
Micro-Sized Businesses	0	2,799,751	27,801	1,800	77,968	23,344	563,529	81,568

Table A.124: Gross additions to fixed asset in the services sector by size (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	423,074	152,012	1,976,531	27,090,070	17,417,279	15,688,297	7,426,447	8,110,366
Large-Sized Businesses	37,602	0	1,349,710	388,862	431,430	399,838	382,987	1,854,813
Medium-Sized Businesses	245,908	23,490	626,821	24,661,833	3,520,648	2,020,528	2,718,784	1,236,393
Small-Sized Businesses	130,355	87,722	0	1,729,652	11,820,196	12,001,703	3,500,328	2,998,672
Micro-Sized Businesses	9,209	40,800	0	309,722	1,645,005	1,266,228	824,348	2,020,489
Administrative and support service activities	1,610,350	3,784,115	15,527,695	45,138,589	68,859,564	22,402,269	11,258,040	10,317,370
Large-Sized Businesses	1,366,358	403,000	219,687	41,553	4,984,122	285,670	596,739	877,513
Medium-Sized Businesses	117,615	3,068,630	15,211,930	43,833,262	55,935,686	10,484,173	631,314	6,041,770
Small-Sized Businesses	23,647	140,860	95,556	62,175	5,871,531	8,125,197	7,962,904	590,288
Micro-Sized Businesses	102,730	171,625	522	1,201,599	2,068,226	3,507,229	2,067,082	2,807,800
Education	1,517,714	1,465,515	5,880,288	46,444,043	20,643,130	12,601,299	21,366,694	9,910,458
Large-Sized Businesses	674,971	23,870	1,280,928	9,857,647	1,208,266	1,239,912	2,994,306	784,148
Medium-Sized Businesses	677,297	5,940	3,922,802	16,405,196	7,340,638	4,913,352	8,169,167	3,689,807
Small-Sized Businesses	155,041	1,429,705	675,879	19,912,861	11,504,746	6,309,602	9,587,735	5,167,674
Micro-Sized Businesses	10,404	6,000	680	268,340	589,480	138,432	615,485	268,830
Human health and social work activities	321,281	66,710	2,639,732	31,920,933	8,206,367	25,421,221	7,318,923	7,525,846
Large-Sized Businesses	123,349	50,685	2,252,924	5,792,071	2,187,366	6,892,912	2,464,669	3,649,758
Medium-Sized Businesses	166,133	5,000	380,328	9,420,773	2,298,783	11,763,228	1,939,402	2,847,476
Small-Sized Businesses	7,299	11,025	6,480	16,599,389	3,616,387	5,892,981	2,304,935	908,407
Micro-Sized Businesses	24,500	0	0	108,700	103,831	872,100	609,916	120,204
Arts, entertainment and recreation	386,268	10,357	89,185	426,122	1,120,194	7,989,466	5,477,375	978,694
Large-Sized Businesses	4,959	0	30,289	0	62,796	5,731,834	3,598,820	79,447
Medium-Sized Businesses	0	0	0	0	0	163,737	62,640	85,453
Small-Sized Businesses	261,943	0	50,771	35,125	615,311	1,365,728	1,554,141	392,144
Micro-Sized Businesses	119,367	10,357	8,125	390,998	442,087	728,167	261,775	421,650
Other service activities	5,598,202	19,090,971	14,090,819	33,938,556	31,443,845	41,621,203	18,442,646	8,223,920
Large-Sized Businesses	58,559	13,711,704	859,834	2,001,101	4,246,014	798,554	1,367,491	2,326,311
Medium-Sized Businesses	110,200	287,195	770,133	599,707	1,816,080	400,477	239,481	847,063
Small-Sized Businesses	1,105,794	3,040,468	9,147,871	11,215,843	20,024,104	27,388,829	6,432,511	1,602,555
Micro-Sized Businesses	4,323,649	2,051,604	3,312,981	20,121,905	5,357,648	13,033,344	10,403,164	3,447,990

Table A.125: Gross additions to fixed asset in the service sector in Western region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Western Region	66,025,142	15,814,851	48,411,967	180,874,003	110,369,196	4,270,043,371	29,122,561	29,987,527
Services	1,619,337	12,469,637	16,726,302	97,523,770	35,632,584	43,838,143	15,234,487	6,406,524
Wholesale and retail trade and repair of motor vehicles and motorcycles	69,839	10,030,960	1,407,173	33,695,837	4,772,485	18,035,396	4,795,174	1,720,674
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	73,700	26,146	212,658	238,148	4,439,664	85,539	97,751
Wholesale trade, except of motor vehicles and motorcycles	100	4,500	0	24,139,560	409,969	3,680,983	87,087	147,793
Retail trade, except of motor vehicles and motorcycles	69,739	9,952,760	1,381,027	9,343,619	4,124,367	9,914,750	4,622,547	1,475,129
Transportation and storage	0	277,400	650	5,180,600	19,769,570	541,305	152,551	264,962
Land transport and transport via pipelines	0	11,400	0	5,180,600	15,978,866	3,000	30,782	12,680
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	266,000	650	0	3,790,704	538,305	121,769	252,282
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation and food service activities	560,208	25,000	10,319,487	11,952,769	1,783,067	12,692,558	1,953,171	711,565
Accommodation	250,378	15,000	9,754,017	11,872,579	1,713,067	11,748,550	1,210,490	480,091
Food and beverage service activities	309,830	10,000	565,470	80,190	70,000	944,007	742,682	231,474
Information and communication	66,899	1,974	0	96,000	663,356	3,303,838	174,299	379,913
Publishing activities	0	0	0	0	0	0	2,400	4,000
Motion picture, video and television programme production, sound recording	900	0	0	0	0	22,890	7,921	11,107
Programming and broadcasting activities	60,440	0	0	96,000	660,000	3,186,948	125,090	273,771
Telecommunications	3,070	0	0	0	0	86,843	33,949	71,944
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	2,750
Information service activities	2,489	1,974	0	0	3,356	7,158	4,939	16,342
Financial and insurance activities	0	0	0	31,815,225	3,521,695	777,483	2,927,445	1,862,477
Financial service activities, except insurance and pension funding	0	0	0	31,815,225	3,521,695	777,483	2,918,064	1,855,672
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	6,055	986
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	3,325	5,819
Real estate activities	0	0	0	0	0	700	2,120	7,330
Real estate activities	0	0	0	0	0	700	2,120	7,330

Table A.125: Gross additions to fixed asset in the service sector in Western region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	1,083	34,500	156,900	261,100	17,919	708,594	247,314	161,857
Legal and accounting activities	923	0	0	0	2,000	0	7,693	12,802
Activities of head offices; management consultancy activities	0	0	0	0	0	280,940	32,892	0
Architectural and engineering activities; technical testing and analysis	0	0	156,900	0	9,919	44,424	80,315	32,663
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	136,595	52,962	33,600
Other professional, scientific and technical activities	160	34,500	0	261,100	6,000	246,635	73,453	82,792
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	4,390	0	0	203,856	208,137	325,868	643,405	336,318
Rental and leasing activities	0	0	0	0	93,750	24,063	87,752	37,494
Employment activities	850	0	0	0	71,187	0	23,565	9,100
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	540	300
Security and investigation activities	0	0	0	0	40,000	4,548	10,222	16,333
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	3,540	0	0	203,856	3,200	297,258	521,327	273,090
Education	101,711	118,400	60,979	2,972,253	1,682,843	175,047	1,447,861	300,247
Education	101,711	118,400	60,979	2,972,253	1,682,843	175,047	1,447,861	300,247
Human health and social work activities	29,885	50,685	1,924,286	1,121,712	1,333,345	2,716,705	961,221	83,183
Human health activities	29,885	50,685	1,924,286	1,110,872	1,321,720	2,710,830	473,642	83,183
Social work activities without accommodation	0	0	0	10,840	11,625	5,875	487,578	0
Arts, entertainment and recreation	91,642	7,714	0	36,284	277,238	441,537	122,073	154,097
Creative, arts and entertainment activities	0	0	0	0	0	9,673	914	1,556
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	37,100
Gambling and betting activities	91,642	7,714	0	7,714	46,800	56,263	110,475	114,142
Sports activities and amusement and recreation activities	0	0	0	28,570	230,438	375,602	10,684	1,300
Other service activities	693,679	1,923,004	2,856,828	10,188,133	1,602,928	4,119,111	1,807,852	423,902
Activities of membership organizations	686,436	1,920,011	2,855,078	9,855,611	1,016,076	3,264,387	1,238,677	210,374
Repair of computers and personal and household goods	4,100	2,994	0	59,275	384,212	260,500	16,687	66,903
Other personal service activities	3,143	0	1,750	273,247	202,640	594,224	552,488	146,624

Table A.126: Gross additions to fixed asset in the service sector in Central region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Central Region	371,954	6,192,179	2,627,132	25,947,205	14,703,009	269,813,741	8,213,753	3,802,356
Services	321,518	4,280,486	2,561,637	18,730,112	7,751,838	12,223,088	5,995,573	3,058,931
Wholesale and retail trade and repair of motor vehicles and motorcycles	34,928	1,871,829	1,842,914	4,904,620	4,369,550	8,494,639	1,232,606	570,254
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	820,229	174,388	2,315,879	534,156	26,821	176,771
Wholesale trade, except of motor vehicles and motorcycles	0	64,000	0	300,000	954,079	172,182	2,774	2,000
Retail trade, except of motor vehicles and motorcycles	34,928	1,807,829	1,022,685	4,430,232	1,099,592	7,788,301	1,203,011	391,482
Transportation and storage	0	0	40,000	8,575	160,000	0	2,910	0
Land transport and transport via pipelines	0	0	40,000	8,575	160,000	0	2,840	0
Warehousing and support activities for transportation	0	0	0	0	0	0	70	0
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation and food service activities	35,352	521,752	357,400	2,123,174	25,000	801,324	983,397	27,003
Accommodation	20,168	521,752	357,400	1,176,736	25,000	315,875	592,204	4,233
Food and beverage service activities	15,184	0	0	946,439	0	485,449	391,193	22,770
Information and communication	906	1,500	0	180,680	21,000	683,945	27,884	95,116
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recording	0	0	0	0	0	700	40	2,000
Programming and broadcasting activities	856	0	0	160,000	21,000	659,055	23,369	63,088
Telecommunications	50	0	0	0	0	9,220	3,535	26,675
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	1,500	0	20,680	0	14,970	940	3,353
Financial and insurance activities	0	3,500	126,047	252,024	946,991	403,015	847,891	909,587
Financial service activities, except insurance and pension funding	0	3,500	126,047	252,024	946,991	403,015	825,907	905,237
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	21,984	4,350
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	1,199,038	803	0	80,000	83,400	103,282	51,073
Real estate activities	0	1,199,038	803	0	80,000	83,400	103,282	51,073

Table A.126: Gross additions to fixed asset in the service sector in Central region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	0	0	0	33,400	35,000	39,837	85,353	56,906
Legal and accounting activities	0	0	0	0	35,000	0	40	3,320
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	8,157	10,732	6,257
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	33,400	0	31,680	74,581	47,329
Administrative and support service activities	500	10,000	0	2,500	174,110	179,598	235,124	301,987
Rental and leasing activities	0	10,000	0	2,500	105,000	102,748	37,217	14,123
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	60,000	0	0	0
Security and investigation activities	0	0	0	0	8,150	0	6,520	1,650
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	500	0	0	0	960	76,850	191,386	286,214
Education	148,540	6,000	60,192	6,244,044	1,869,187	84,101	1,407,994	207,098
Education	148,540	6,000	60,192	6,244,044	1,869,187	84,101	1,407,994	207,098
Human health and social work activities	0	0	0	1,432,467	30,000	58,925	259,858	78,635
Human health activities	0	0	0	1,391,695	0	51,825	181,172	16,990
Residential care activities	0	0	0	0	0	0	2,555	36,449
Social work activities without accommodation	0	0	0	40,772	30,000	7,100	76,132	25,196
Arts, entertainment and recreation	9,459	0	7,800	36,286	0	51,289	19,777	96,123
Creative, arts and entertainment activities	0	0	0	0	0	1,845	5,002	13,170
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	2,800	0	7,800	36,286	0	36,170	11,221	25,420
Sports activities and amusement and recreation activities	6,659	0	0	0	0	13,274	3,554	57,533
Other service activities	91,834	666,867	126,480	3,512,343	41,000	1,343,015	789,497	665,150
Activities of membership organizations	91,834	654,800	118,643	2,897,477	41,000	949,547	529,180	458,954
Repair of computers and personal and household goods	0	0	0	2,020	0	19,301	1,994	700
Other personal service activities	0	12,067	7,837	612,846	0	374,167	258,323	205,496

Table A.127: Gross additions to fixed asset in the service sector in Greater Accra region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Greater Accra Region	357,672,888	290,652,115	2,722,184,869	1,503,172,215	3,179,360,643	14,713,311,695	1,575,919,120	1,053,415,053
Services	354,482,625	116,836,450	278,323,501	1,138,743,553	782,415,324	715,907,521	939,181,185	840,698,836
Wholesale and retail trade and repair of motor vehicles and motorcycles	4,902,507	62,607,383	169,655,070	235,133,420	306,419,509	270,097,006	42,198,668	99,187,229
Wholesale and retail trade and repair of motor vehicles and motorcycles	704,382	3,924,908	1,651,993	7,404,238	12,626,409	10,112,452	4,283,514	1,421,570
Wholesale trade, except of motor vehicles and motorcycles	2,353,770	7,864,071	39,614,143	141,306,865	31,755,451	73,416,243	6,645,196	15,848,591
Retail trade, except of motor vehicles and motorcycles	1,844,355	50,818,405	128,388,934	86,422,318	262,037,649	186,568,312	31,269,958	81,917,069
Transportation and storage	5,948,573	2,742,154	10,706,910	12,771,748	60,199,871	18,715,322	6,506,710	5,922,018
Land transport and transport via pipelines	971,932	341,000	1,229,447	1,155,070	11,409,505	1,690,995	358,195	706,770
Water transport	331,237	0	7,144,967	4,230,000	2,253,610	2,493,575	279,851	453,544
Air transport	4,411,208	0	0	87,744	536,857	291,483	538,397	1,344,798
Warehousing and support activities for transportation	232,996	2,401,154	2,310,440	7,263,185	44,033,411	14,128,433	5,216,865	3,303,199
Postal and courier activities	1,200	0	22,056	35,749	1,966,489	110,836	113,402	113,706
Accommodation and food service activities	1,448,065	3,872,286	44,975,902	177,116,659	20,577,171	25,677,951	18,031,099	4,542,726
Accommodation	647,799	2,782,786	44,476,675	171,288,647	4,298,458	7,258,684	11,895,008	1,857,201
Food and beverage service activities	800,267	1,089,500	499,227	5,828,012	16,278,714	18,419,267	6,136,091	2,685,525
Information and communication	50,067,952	524,111	1,003,348	11,145,078	80,827,294	241,138,169	3,719,843	136,404,862
Publishing activities	870,053	115,641	258,547	102,493	4,211,135	1,923,101	269,611	406,897
Motion picture, video and television programme production, sound recording	23,220	0	0	1,439,352	136,800	25,282	140,405	10,700
Programming and broadcasting activities	144,381	0	0	8,256,741	3,375,127	56,008,722	897,892	87,426,414
Telecommunications	42,733,219	408,471	46,800	1,095,062	66,483,698	179,025,844	1,426,985	46,709,965
Computer programming, consultancy and related activities	5,429,708	0	666,012	9,430	2,653,140	4,062,580	756,762	1,185,903
Information service activities	867,370	0	31,989	242,000	3,967,394	92,640	228,188	664,983
Financial and insurance activities	288,360,170	61,070	31,448,665	580,196,230	210,745,256	73,731,561	827,469,220	561,837,266
Financial service activities, except insurance and pension funding	287,621,490	61,070	31,448,665	530,869,743	194,586,295	64,593,453	813,604,890	550,337,159
Insurance, reinsurance and pension funding, except compulsory social security	729,681	0	0	44,785,476	13,629,126	3,689,263	12,850,093	10,420,003
Activities auxiliary to financial service and insurance activities	9,000	0	0	4,541,011	2,529,836	5,448,846	1,014,237	1,080,104

Table A.127: Gross additions to fixed asset in the service sector in Greater Accra region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Real estate activities	72,588	29,000,093	190,126	19,690,965	5,080,334	2,525,261	1,745,777	5,357,491
Real estate activities	72,588	29,000,093	190,126	19,690,965	5,080,334	2,525,261	1,745,777	5,357,491
Professional, scientific and technical activities	377,582	23,490	629,753	26,647,358	15,977,978	8,943,690	6,542,387	6,775,986
Legal and accounting activities	9,566	0	0	167,244	1,386,052	395,540	919,565	1,397,973
Activities of head offices; management consultancy activities	19,741	0	469,921	22,086,612	1,341,459	13,800	378,429	1,064,897
Architectural and engineering activities; technical testing and analysis	0	0	0	1,415,503	8,474,631	1,767,488	1,415,700	1,538,225
Scientific research and development	0	0	0	0	353,324	16,818	134,575	67,144
Advertising and market research	303,531	0	0	2,650,145	4,029,178	911,706	3,332,653	1,971,584
Other professional, scientific and technical activities	44,744	23,490	159,832	327,854	393,334	5,831,838	341,409	735,563
Veterinary activities	0	0	0	0	0	6,500	20,055	600
Administrative and support service activities	1,514,573	3,316,630	15,527,173	44,664,668	65,591,776	19,668,385	9,270,194	8,060,079
Rental and leasing activities	8,145	3,183,630	15,343,984	43,579,192	57,526,776	6,804,521	396,023	4,208,123
Employment activities	4,947	120,000	0	0	2,407,735	12,166	226,602	516,071
Travel agency, tour operator, reservation service and related activities	920	0	95,556	0	1,371,713	558,749	530,776	105,375
Security and investigation activities	1,365,977	0	62,182	68,294	3,081,956	3,777,519	550,644	1,737,850
Services to buildings and landscape activities	0	0	0	0	412,886	41,176	6,929,204	352,821
Office administrative, office support and other business support activities	134,583	13,000	25,451	1,017,182	790,711	8,474,254	636,945	1,139,838
Education	807,605	35,040	576,605	19,483,419	6,556,385	9,841,560	12,316,679	5,114,809
Education	807,605	35,040	576,605	19,483,419	6,556,385	9,841,560	12,316,679	5,114,809
Human health and social work activities	247,526	5,000	579,383	7,322,815	2,380,454	13,119,012	2,193,440	3,250,372
Human health activities	229,028	0	579,383	6,362,882	2,079,672	12,561,538	1,856,197	3,101,214
Residential care activities	0	0	0	3,900	0	0	3,500	0
Social work activities without accommodation	18,498	5,000	0	956,033	300,782	557,475	333,742	149,158
Arts, entertainment and recreation	262,423	0	30,289	157,935	504,134	6,823,613	5,202,835	617,215
Creative, arts and entertainment activities	252,348	0	0	0	0	459,276	122,732	275,621
Libraries, archives, museums and other cultural activities	0	0	0	0	46,085	51,685	1,263,153	10,996
Gambling and betting activities	6,025	0	30,289	157,935	458,049	6,274,519	3,678,474	327,859
Sports activities and amusement and recreation activities	4,050	0	0	0	0	38,133	138,477	2,739
Other service activities	473,061	14,649,193	3,000,278	4,413,259	7,555,160	25,625,990	3,984,333	3,628,782
Activities of membership organizations	366,101	14,649,193	3,000,278	3,415,353	4,159,853	22,002,496	2,367,071	1,166,008
Repair of computers and personal and household goods	103,109	0	0	16,580	3,371,307	900,291	599,050	2,420,122
Other personal service activities	3,850	0	0	981,326	24,000	2,723,203	1,018,212	42,652

Table A.128: Gross additions to fixed asset in the service sector in Volta region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Volta Region	413,861	2,634,937	4,395,930	40,575,036	28,900,836	78,636,573	16,838,097	1,558,020
Services	402,855	2,355,560	3,128,352	35,671,809	13,096,056	5,828,837	4,651,576	1,105,032
Wholesale and retail trade and repair of motor vehicles and motorcycles	79,245	386,921	687,733	14,343,656	2,216,993	2,996,178	1,533,882	82,909
Wholesale and retail trade and repair of motor vehicles and motorcycles	8,871	0	0	190,440	3,279	562,631	15,113	8,871
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	17,856	338,985	20,958	40,618	18,547
Retail trade, except of motor vehicles and motorcycles	70,373	386,921	687,733	14,135,359	1,874,729	2,412,589	1,478,150	55,490
Transportation and storage	0	0	0	4,000	51,000	67,218	1,200	16,884
Land transport and transport via pipelines	0	0	0	0	0	53,943	0	0
Water transport	0	0	0	0	0	11,000	0	0
Warehousing and support activities for transportation	0	0	0	4,000	51,000	2,250	1,200	16,884
Postal and courier activities	0	0	0	0	0	25	0	0
Accommodation and food service activities	40,924	17,083	2,231,750	7,059,028	838,663	359,814	1,396,385	154,335
Accommodation	25,067	0	940,000	6,924,917	665,000	78,564	772,918	0
Food and beverage service activities	15,857	17,083	1,291,750	134,111	173,663	281,250	623,468	154,335
Information and communication	63,031	1,500	0	78,997	32,600	432,776	29,126	27,750
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recording	0	0	0	8,000	4,600	6,000	450	2,469
Programming and broadcasting activities	62,668	0	0	59,000	28,000	417,986	26,800	18,440
Telecommunications	303	0	0	6,467	0	4,500	1,411	6,341
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	60	1,500	0	5,530	0	4,290	465	500
Financial and insurance activities	33,995	0	0	250,521	332,883	422,196	185,014	358,591
Financial service activities, except insurance and pension funding	33,995	0	0	250,521	332,883	422,196	184,540	354,791
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	474	3,800
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	75,000	0	1,800	40,000	10,000	4,840	3,600
Real estate activities	0	75,000	0	1,800	40,000	10,000	4,840	3,600

Table A.128: Gross additions to fixed asset in the service sector in Volta region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	0	0	0	160	112,560	91,203	45,733	145,817
Legal and accounting activities	0	0	0	0	0	570	22,511	4,870
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	160	0	3,000	1,094	4,718
Scientific research and development	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	0	112,560	87,633	22,128	136,229
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	700	113,357	337	0	44,099	231,285	74,147	110,814
Rental and leasing activities	0	0	0	0	0	1,500	6,800	2,050
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	113,357	0	0	0	41,893	1,873	0
Office administrative, office support and other business support activities	700	0	337	0	44,099	187,892	65,474	108,764
Education	51	960,000	0	2,048,898	4,535,643	100,379	480,957	86,222
Education	51	960,000	0	2,048,898	4,535,643	100,379	480,957	86,222
Human health and social work activities	21,395	0	0	10,351,914	123,013	243,946	209,201	54,130
Human health activities	14,395	0	0	10,325,036	48,000	225,553	169,337	44,450
Residential care activities	0	0	0	0	0	5,000	2,000	0
Social work activities without accommodation	7,000	0	0	26,878	75,013	13,393	37,864	9,680
Arts, entertainment and recreation	1,500	0	0	12,177	7,218	45,679	8,034	11,464
Creative, arts and entertainment activities	560	0	0	160	4,700	10,800	1,279	999
Libraries, archives, museums and other cultural activities	900	0	0	0	0	15,000	0	9,357
Gambling and betting activities	0	0	0	1,697	668	2,921	2,935	0
Sports activities and amusement and recreation activities	40	0	0	10,320	1,850	16,957	3,821	1,109
Other service activities	162,015	801,698	208,532	1,520,658	4,761,384	828,165	683,057	52,517
Activities of membership organizations	117,929	770,000	198,615	1,216,451	4,350,387	366,009	462,876	7,582
Repair of computers and personal and household goods	14,251	18,889	9,917	109,524	410,400	185,565	12,727	13,159
Other personal service activities	29,835	12,809	0	194,683	598	276,591	207,454	31,775

Table A.129: Gross additions to fixed asset in the service sector in Eastern region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Eastern Region	1,319,522	3,497,744	10,921,906	84,933,397	50,085,592	133,234,711	18,598,804	6,633,395
Services	1,180,875	2,807,979	7,120,779	64,657,766	17,342,691	16,580,975	15,345,983	5,071,034
Wholesale and retail trade and repair of motor vehicles and motorcycles	8,930	2,279,394	1,825,899	2,200,066	10,082,152	5,626,932	801,670	219,104
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	1,643,983	935,733	2,500	1,810,448	47,474	1,161
Wholesale trade, except of motor vehicles and motorcycles	650	0	0	52,226	210,413	47,559	18,298	29,773
Retail trade, except of motor vehicles and motorcycles	8,280	2,279,394	181,915	1,212,107	9,869,239	3,768,925	735,898	188,170
Transportation and storage	860	2,800	0	58,400	565,550	0	23,920	6,540
Land transport and transport via pipelines	0	0	0	28,700	508,050	0	15,520	3,640
Warehousing and support activities for transportation	860	2,800	0	29,700	57,500	0	8,400	2,900
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation and food service activities	338,659	112,060	2,542,650	53,711,468	16,560	4,208,394	4,270,535	765,841
Accommodation	241,174	0	2,531,437	48,922,676	0	3,625,509	4,007,988	593,498
Food and beverage service activities	97,485	112,060	11,213	4,788,792	16,560	582,885	262,547	172,344
Information and communication	114,600	0	700	17,902	185,086	614,768	94,445	437,299
Publishing activities	0	0	0	0	0	10,070	0	0
Motion picture, video and television programme production, sound recording	100	0	0	0	8,014	21,505	1,831	22,189
Programming and broadcasting activities	111,415	0	0	0	177,072	289,019	75,758	357,106
Telecommunications	585	0	0	0	0	286,083	15,246	52,920
Computer programming, consultancy and related activities	2,500	0	700	0	0	3,500	500	2,500
Information service activities	0	0	0	17,902	0	4,591	1,110	2,585
Financial and insurance activities	3,860	300,000	300,069	1,071,972	2,395,775	1,150,422	3,345,472	1,679,967
Financial service activities, except insurance and pension funding	3,860	300,000	300,069	1,064,772	2,271,526	1,135,222	3,293,410	1,656,139
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	7,200	124,249	6,118	37,806	16,322
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	9,082	14,256	7,507
Real estate activities	3,000	0	0	3,307,888	25,000	6,000	2,000	4,500
Real estate activities	3,000	0	0	3,307,888	25,000	6,000	2,000	4,500

Table A.129: Gross additions to fixed asset in the service sector in Eastern region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	2,657	0	0	19,278	739,581	116,754	28,581	135,144
Legal and accounting activities	0	0	0	0	0	0	2,295	1,063
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	450	0	0	19,278	728,000	93,842	14,353	66,260
Scientific research and development	0	0	0	0	0	0	2,500	0
Advertising and market research	0	0	0	0	0	0	0	2,000
Other professional, scientific and technical activities	2,207	0	0	0	11,581	22,911	9,433	65,822
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	4,457	7,543	0	27,040	81,097	288,267	148,868	199,032
Rental and leasing activities	0	7,543	0	0	61,097	54,548	105,831	43,874
Employment activities	0	0	0	0	0	0	6,900	7,430
Security and investigation activities	0	0	0	0	20,000	1,500	2,200	4,500
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	4,457	0	0	27,040	0	232,219	33,937	143,228
Education	39,089	0	438,347	2,910,609	3,031,297	810,011	945,817	657,638
Education	39,089	0	438,347	2,910,609	3,031,297	810,011	945,817	657,638
Human health and social work activities	0	0	0	690,664	186,006	2,105,597	1,483,638	116,314
Human health activities	0	0	0	690,664	186,006	1,795,772	1,467,528	113,621
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	0	0	309,825	16,110	2,693
Arts, entertainment and recreation	5,922	0	5,213	20,769	12,253	52,651	18,868	25,658
Creative, arts and entertainment activities	113	0	3,600	800	0	26,165	3,356	6,084
Libraries, archives, museums and other cultural activities	0	0	1,613	0	0	0	0	3,245
Gambling and betting activities	0	0	0	3,800	12,253	2,523	11,397	5,043
Sports activities and amusement and recreation activities	5,809	0	0	16,169	0	23,963	4,115	11,286
Other service activities	658,842	106,181	2,007,901	621,709	22,333	1,601,179	4,182,170	823,997
Activities of membership organizations	236,025	0	2,007,901	165,000	0	685,832	708,267	463,085
Repair of computers and personal and household goods	422,817	0	0	1,800	6,800	13,730	52,051	270,264
Other personal service activities	0	106,181	0	454,909	15,533	901,618	3,421,851	90,649

Table A.130: Gross additions to fixed asset in the service sector in Ashanti region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Ashanti Region	5,195,497	31,024,685	26,532,219	371,152,619	109,575,906	581,807,673	33,676,881	23,943,784
Services	4,815,651	22,644,626	16,413,110	231,333,654	52,017,373	38,392,221	25,905,498	20,281,231
Wholesale and retail trade and repair of motor vehicles and motorcycles	182,998	20,664,322	3,631,284	28,483,481	16,506,680	16,286,037	8,263,345	4,435,626
Wholesale and retail trade and repair of motor vehicles and motorcycles	60,045	20,166,667	2,300	1,282,613	141,768	2,929,752	791,376	1,114,275
Wholesale trade, except of motor vehicles and motorcycles	1,290	100,522	0	3,481,286	8,496,090	2,861,908	453,817	86,069
Retail trade, except of motor vehicles and motorcycles	121,663	397,133	3,628,984	23,719,582	7,868,822	10,494,376	7,018,152	3,235,282
Transportation and storage	4,905	561,138	2,300	2,375,596	8,681,082	78,264	17,200	68,238
Land transport and transport via pipelines	1,125	296,138	0	1,978,195	4,678,041	50,555	7,382	60,729
Warehousing and support activities for transportation	3,780	265,000	2,300	397,401	4,003,041	3,709	9,818	6,009
Postal and courier activities	0	0	0	0	0	24,000	0	1,500
Accommodation and food service activities	271,194	0	795,511	64,692,945	2,574,097	2,708,185	1,362,659	1,520,969
Accommodation	265,944	0	196,550	30,633,254	2,018,603	886,286	556,259	829,816
Food and beverage service activities	5,250	0	598,962	34,059,691	555,494	1,821,899	806,400	691,153
Information and communication	22,620	88,621	0	291,270	899,642	1,183,753	540,216	1,264,085
Publishing activities	0	0	0	0	0	0	12,233	4,375
Motion picture, video and television programme production, sound recording	15,073	22,621	0	0	0	44,163	32,787	76,156
Programming and broadcasting activities	0	0	0	268,827	149,000	525,500	206,124	95,394
Telecommunications	6,517	0	0	0	627,356	409,609	263,452	714,363
Computer programming, consultancy and related activities	1,030	20,000	0	6,000	123,286	100,286	12,181	363,157
Information service activities	0	46,000	0	16,443	0	104,195	13,439	10,641
Financial and insurance activities	634,243	200,000	662,481	116,317,289	2,519,134	2,548,647	6,656,928	4,317,537
Financial service activities, except insurance and pension funding	634,243	200,000	662,481	116,070,989	2,472,134	2,477,018	6,632,004	4,274,497
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	18,300	47,000	10,069	6,456	43,040
Activities auxiliary to financial service and insurance activities	0	0	0	228,000	0	61,560	18,468	0
Real estate activities	3,000	0	0	106,077	102,914	46,201	19,504	715
Real estate activities	3,000	0	0	106,077	102,914	46,201	19,504	715

Table A.130: Gross additions to fixed asset in the service sector in Ashanti region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	40,768	72,722	1,189,878	120,524	259,823	5,395,878	404,847	732,729
Legal and accounting activities	0	0	0	0	0	14,326	44,055	96,247
Activities of head offices; management consultancy activities	0	0	0	0	12,000	65,420	107,204	46,850
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	4,339,677	27,950	71,370
Scientific research and development	0	0	1,189,878	96,840	106,903	214,974	30,413	14,860
Advertising and market research	0	0	0	0	90,920	31,900	80,031	22,431
Other professional, scientific and technical activities	40,768	72,722	0	23,684	50,000	729,580	115,194	480,971
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	74,528	270,000	0	52,205	2,498,589	969,245	713,010	989,121
Rental and leasing activities	0	0	0	29,771	2,376,168	205,532	493,027	241,680
Employment activities	0	270,000	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	14,450	0	0	0	0	12,700	17,050	19,800
Security and investigation activities	1,358	0	0	22,434	122,421	53,439	25,320	4,880
Services to buildings and landscape activities	0	0	0	0	0	3,000	550	0
Office administrative, office support and other business support activities	58,720	0	0	0	0	694,573	177,063	722,761
Education	363,698	302,075	4,743,486	6,563,272	1,623,948	1,052,636	2,867,182	1,841,313
Education	363,698	302,075	4,743,486	6,563,272	1,623,948	1,052,636	2,867,182	1,841,313
Human health and social work activities	11,099	0	310	5,529,341	1,951,786	2,744,607	732,375	3,182,561
Human health activities	9,099	0	310	5,479,341	620,890	2,706,411	731,408	3,165,535
Residential care activities	0	0	0	50,000	41,850	0	467	2,170
Social work activities without accommodation	2,000	0	0	0	1,289,046	38,196	500	14,856
Arts, entertainment and recreation	10,650	0	45,558	96,710	221,908	425,435	82,775	7,583
Creative, arts and entertainment activities	0	0	0	0	0	7,340	1,598	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	79,924	74,000	166,491	28,783	5,399
Sports activities and amusement and recreation activities	10,650	0	45,558	16,786	147,908	251,604	52,393	2,185
Other service activities	3,195,947	485,747	5,342,302	6,704,945	14,177,769	4,953,334	4,245,457	1,920,752
Activities of membership organizations	3,181,547	108,533	5,336,655	3,536,615	13,090,930	1,818,169	1,899,072	822,149
Repair of computers and personal and household goods	0	0	2,000	301,132	13,000	321,031	47,832	4,816
Other personal service activities	14,400	377,214	3,647	2,867,198	1,073,839	2,814,133	2,298,552	1,093,787

Table A.131: Gross additions to fixed asset in the service sector in Brong Ahafo region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Brong Ahafo Region	421,970	3,456,184	450,037	34,600,286	9,819,475	491,299,613	11,325,366	3,909,238
Services	392,145	2,556,013	362,651	20,755,251	6,250,642	440,938,138	10,907,197	3,789,743
Wholesale and retail trade and repair of motor vehicles and motorcycles	215,167	2,113,039	28,555	5,228,298	4,385,243	434,529,279	5,478,908	1,345,044
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	218,727	0	847,696	644,969	337,759	33,939	22,709
Wholesale trade, except of motor vehicles and motorcycles	185,635	2,000	0	388,233	3,216,133	825,367	565,488	142,091
Retail trade, except of motor vehicles and motorcycles	29,532	1,892,312	28,555	3,992,369	524,140	433,366,153	4,879,481	1,180,244
Transportation and storage	0	15,373	0	11,000	575,000	11,000	860	0
Land transport and transport via pipelines	0	15,373	0	0	575,000	0	100	0
Warehousing and support activities for transportation	0	0	0	0	0	0	65	0
Postal and courier activities	0	0	0	11,000	0	11,000	695	0
Accommodation and food service activities	1,250	70,000	197,994	2,600,139	20,000	1,102,733	675,258	96,968
Accommodation	0	70,000	196,844	2,257,620	0	99,369	323,230	5,575
Food and beverage service activities	1,250	0	1,150	342,519	20,000	1,003,364	352,028	91,393
Information and communication	16,466	16,500	3,571	166	4,253	67,487	36,584	59,128
Publishing activities	118	0	0	0	0	1,974	0	789
Motion picture, video and television programme production, sound recording	0	0	0	0	1,000	386	1,540	2,900
Programming and broadcasting activities	15,214	0	3,171	0	0	22,486	21,588	16,329
Telecommunications	0	0	400	0	3,253	33,103	9,893	20,894
Computer programming, consultancy and related activities	1,134	16,500	0	0	0	2,464	1,319	15,579
Information service activities	0	0	0	166	0	7,075	2,244	2,637
Financial and insurance activities	57,674	12,385	0	2,046,953	329,521	639,395	2,174,173	517,476
Financial service activities, except insurance and pension funding	57,674	12,385	0	1,899,571	317,044	598,211	2,169,857	506,506
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	147,382	12,477	41,184	4,316	10,970
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	80,000	0	0	0	0	0	2,100
Real estate activities	0	80,000	0	0	0	0	0	2,100

Table A.131: Gross additions to fixed asset in the service sector in Brong Ahafo region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	0	0	0	2,000	58,390	149,376	16,762	23,336
Legal and accounting activities	0	0	0	0	0	6,413	324	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	54,800	3,500	10,333	200
Advertising and market research	0	0	0	0	0	93,650	0	6,053
Other professional, scientific and technical activities	0	0	0	2,000	3,590	45,813	6,105	17,083
Administrative and support service activities	74	5,860	0	1,182	20,050	319,099	20,050	19,250
Rental and leasing activities	0	0	0	0	0	215,783	9,808	0
Employment activities	0	0	0	15	0	200	150	0
Travel agency, tour operator, reservation service and related activities	0	3,000	0	1,000	15,000	4,000	2,000	0
Security and investigation activities	0	0	0	0	0	0	40	0
Services to buildings and landscape activities	0	0	0	0	0	100	0	0
Office administrative, office support and other business support activities	74	2,860	0	167	5,050	99,015	8,052	19,250
Education	57,019	30,000	0	4,055,006	310,447	120,519	675,716	1,054,001
Education	57,019	30,000	0	4,055,006	310,447	120,519	675,716	1,054,001
Human health and social work activities	11,376	0	129,273	2,134,947	487,543	2,596,687	490,895	439,109
Human health activities	11,376	0	129,273	2,134,947	445,488	2,588,862	482,737	428,018
Residential care activities	0	0	0	0	0	7,000	0	0
Social work activities without accommodation	0	0	0	0	42,055	825	8,158	11,092
Arts, entertainment and recreation	793	2,643	0	34,306	29,000	101,135	6,529	4,850
Creative, arts and entertainment activities	0	0	0	90	0	76,338	1,057	3,000
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	10,430	29,000	2,430	3,622	0
Sports activities and amusement and recreation activities	793	2,643	0	23,786	0	22,366	1,850	1,850
Other service activities	32,327	210,214	3,257	4,641,256	31,197	1,301,429	1,331,462	228,481
Activities of membership organizations	0	172,556	3,257	3,791,886	25,983	673,728	1,048,831	191,692
Repair of computers and personal and household goods	0	37,658	0	0	5,214	20,719	1,969	17,865
Other personal service activities	32,327	0	0	849,369	0	606,982	280,662	18,924

Table A.132: Gross additions to fixed asset in the service sector in Northern region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Northern Region	573,315	2,482,527	1,952,592	20,821,062	61,569,116	17,684,389	6,807,807	2,924,512
Services	560,651	1,373,328	1,934,856	20,103,228	49,975,759	6,942,605	5,701,264	2,890,175
Wholesale and retail trade and repair of motor vehicles and motorcycles	46,903	775,775	1,808,630	3,930,151	4,519,499	2,561,843	1,081,788	237,866
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	244,800	11,121	73,834	465,961	280,320	83,784	19,538
Wholesale trade, except of motor vehicles and motorcycles	33,253	118,167	0	82,553	1,190,869	493,892	130,157	138,312
Retail trade, except of motor vehicles and motorcycles	13,650	412,808	1,797,509	3,773,764	2,862,670	1,787,632	867,847	80,017
Transportation and storage	0	0	0	0	4,195,700	1,800	2,660	2,950
Land transport and transport via pipelines	0	0	0	0	3,924,000	1,200	1,300	0
Warehousing and support activities for transportation	0	0	0	0	1,700	600	160	0
Postal and courier activities	0	0	0	0	270,000	0	1,200	2,950
Accommodation and food service activities	2,006	226,439	2,080	1,359,947	450,379	921,075	252,122	34,176
Accommodation	0	226,439	2,080	1,350,910	149,500	440,863	75,189	11,670
Food and beverage service activities	2,006	0	0	9,037	300,879	480,212	176,933	22,506
Information and communication	5,958	0	8,317	109,833	18,520	187,968	30,093	132,765
Publishing activities	0	0	0	100,000	3,500	3,500	0	8,400
Motion picture, video and television programme production, sound recording	0	0	0	0	1,200	7,650	540	1,050
Programming and broadcasting activities	250	0	0	0	12,370	140,760	8,840	7,629
Telecommunications	5,708	0	8,317	9,833	1,450	32,369	20,713	112,736
Computer programming, consultancy and related activities	0	0	0	0	0	3,375	0	0
Information service activities	0	0	0	0	0	315	0	2,950
Financial and insurance activities	457,947	30,772	0	12,561,477	37,968,606	1,739,177	2,866,047	1,944,044
Financial service activities, except insurance and pension funding	457,947	30,772	0	12,561,477	37,959,406	1,736,159	2,858,674	1,941,944
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	1,750	3,525	0
Activities auxiliary to financial service and insurance activities	0	0	0	0	9,200	1,268	3,848	2,100
Real estate activities	0	160,000	0	0	2,500	52,700	1,300	2,800
Real estate activities	0	160,000	0	0	2,500	52,700	1,300	2,800

Table A.132: Gross additions to fixed asset in the service sector in Northern region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	0	6,300	0	250	30,250	52,658	10,657	22,183
Legal and accounting activities	0	0	0	0	0	0	0	1,700
Activities of head offices; management consultancy activities	0	0	0	0	18,750	0	500	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	912	1,033
Other professional, scientific and technical activities	0	6,300	0	250	11,500	52,658	9,245	19,450
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	10,250	47,333	100	73,456	39,190	192,187	86,202	101,096
Rental and leasing activities	10,050	13,000	100	2,200	24,523	58,494	62,113	5,942
Employment activities	0	0	0	0	1,800	915	1,965	2,300
Travel agency, tour operator, reservation service and related activities	0	0	0	0	5,500	1,540	4,052	16,500
Office administrative, office support and other business support activities	200	34,333	0	71,256	7,367	131,238	18,072	76,354
Education	0	0	0	549,459	343,581	269,317	380,705	115,105
Education	0	0	0	549,459	343,581	269,317	380,705	115,105
Human health and social work activities	0	0	0	1,365,596	612,301	231,000	115,844	18,646
Human health activities	0	0	0	1,350,596	472,356	212,392	104,529	6,892
Residential care activities	0	0	0	15,000	109,345	6,579	10,550	9,204
Social work activities without accommodation	0	0	0	0	30,600	12,029	765	2,550
Arts, entertainment and recreation	3,080	0	0	18,119	39,306	18,170	8,272	60,183
Creative, arts and entertainment activities	0	0	0	0	1,375	20	0	1,100
Libraries, archives, museums and other cultural activities	0	0	0	0	26,000	0	240	50,500
Gambling and betting activities	20	0	0	18,094	9,731	555	2,758	5,923
Sports activities and amusement and recreation activities	3,060	0	0	25	2,200	17,595	5,273	2,660
Other service activities	34,507	126,710	115,729	134,940	1,755,927	714,711	865,574	218,362
Activities of membership organizations	30,578	60,170	82,751	36,571	1,562,354	317,916	563,636	175,609
Repair of computers and personal and household goods	631	63,140	0	6,627	64,958	147,585	22,727	19,286
Other personal service activities	3,298	3,400	32,978	91,741	128,615	249,210	279,211	23,466

Table A.133: Gross additions to fixed asset in the service sector in Upper East region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Upper East Region	248,705	606,166	763,532	10,575,958	22,716,103	7,774,386	2,431,671	1,561,939
Services	230,679	512,454	753,031	9,203,838	12,778,727	4,428,603	2,211,551	1,369,907
Wholesale and retail trade and repair of motor vehicles and motorcycles	46,316	313,031	437,625	3,007,165	9,372,716	588,120	301,704	149,214
Wholesale and retail trade and repair of motor vehicles and motorcycles	27,194	13,040	0	85,527	162,274	59,370	14,984	11,556
Wholesale trade, except of motor vehicles and motorcycles	5,500	0	0	1,276,816	327,094	106,508	16,591	12,606
Retail trade, except of motor vehicles and motorcycles	13,622	299,991	437,625	1,644,822	8,883,347	422,242	270,130	125,052
Transportation and storage	917	51,675	183	90,080	1,350	1,520	17,724	29,595
Land transport and transport via pipelines	458	31,875	183	0	0	0	628	0
Air transport	0	0	0	0	0	0	0	350
Warehousing and support activities for transportation	458	19,800	0	90,080	1,350	1,520	17,097	29,245
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation and food service activities	156,577	0	9,500	740,878	57,529	517,595	219,599	28,222
Accommodation	2,950	0	0	187,060	4,100	63,793	39,364	2,063
Food and beverage service activities	153,627	0	9,500	553,818	53,429	453,803	180,235	26,158
Information and communication	9,850	0	2,200	0	265,150	54,890	65,773	15,784
Motion picture, video and television programme production, sound recording	0	0	0	0	0	0	400	1,700
Programming and broadcasting activities	6,550	0	0	0	0	54,200	700	8
Telecommunications	3,150	0	2,200	0	265,150	690	64,493	13,150
Information service activities	150	0	0	0	0	0	180	926
Financial and insurance activities	2,200	0	0	2,029,731	361,136	424,923	122,393	203,124
Financial service activities, except insurance and pension funding	1,800	0	0	2,029,731	221,469	424,223	119,343	197,576
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	118,667	0	0	4,848
Activities auxiliary to financial service and insurance activities	400	0	0	0	21,000	700	3,050	700
Real estate activities	0	0	0	0	0	0	800	250
Real estate activities	0	0	0	0	0	0	800	250

Table A.133: Gross additions to fixed asset in the service sector in Upper East region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	984	15,000	0	6,000	52,988	146,729	42,613	38,170
Legal and accounting activities	0	0	0	0	0	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	15,000	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	15,000	0	0	25,800	88,900	14,250	22,800
Other professional, scientific and technical activities	984	0	0	6,000	27,188	57,829	13,363	15,370
Administrative and support service activities	753	13,391	0	78,278	77,357	103,109	26,483	109,483
Rental and leasing activities	0	0	0	1,200	0	7,876	8,108	2,900
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	3,500	3,000
Security and investigation activities	0	0	0	0	2,500	0	0	2,000
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	753	13,391	0	77,078	74,857	95,233	14,876	101,583
Education	0	0	0	143,877	480,822	92,007	301,991	318,070
Education	0	0	0	143,877	480,822	92,007	301,991	318,070
Human health and social work activities	0	0	6,480	1,604,265	839,079	1,551,194	822,872	292,444
Human health activities	0	0	6,480	1,604,265	829,149	1,492,426	818,245	271,104
Residential care activities	0	0	0	0	900	0	3,439	0
Social work activities without accommodation	0	0	0	0	9,030	58,768	1,188	21,340
Arts, entertainment and recreation	800	0	0	10,936	27,637	25,310	4,302	820
Creative, arts and entertainment activities	0	0	0	7,000	5,700	6,830	1,740	220
Libraries, archives, museums and other cultural activities	0	0	0	0	1,480	0	150	0
Gambling and betting activities	0	0	0	3,936	12,957	1,020	302	150
Sports activities and amusement and recreation activities	800	0	0	0	7,500	17,460	2,110	450
Other service activities	12,283	119,356	297,043	1,492,628	1,242,963	923,206	285,296	184,731
Activities of membership organizations	0	94,250	287,000	950,732	37,795	425,868	153,740	150,772
Repair of computers and personal and household goods	4,777	25,106	10,043	203,439	1,114,674	177,186	32,360	7,019
Other personal service activities	7,506	0	0	338,457	90,495	320,153	99,196	26,940

Table A.134: Gross additions to fixed asset in the service sector in Upper West region

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - Upper West Region	309,518	583,718	676,957	11,587,723	5,836,988	28,519,721	1,867,526	880,907
Services	269,240	512,614	582,131	10,082,614	4,058,959	3,990,555	1,733,661	638,396
Wholesale and retail trade and repair of motor vehicles and motorcycles	22,398	399,152	372,508	5,370,473	2,676,886	2,602,270	527,239	109,637
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	300	21,127	325,379	248,451	53,686	41,879	7,035
Wholesale trade, except of motor vehicles and motorcycles	3,800	4,700	0	833,508	216,435	479,441	40,212	4,600
Retail trade, except of motor vehicles and motorcycles	18,598	394,152	351,380	4,211,586	2,212,000	2,069,143	445,148	98,002
Transportation and storage	0	315	0	17,800	3,200	21,315	7,929	4,910
Land transport and transport via pipelines	0	0	0	17,800	0	21,000	7,929	0
Air transport	0	315	0	0	2,500	315	0	4,910
Warehousing and support activities for transportation	0	0	0	0	700	0	0	0
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation and food service activities	2,517	75,522	76,065	2,097,075	109,789	158,235	145,970	26,248
Accommodation	0	0	19,150	1,787,350	12,200	55,678	40,996	16,668
Food and beverage service activities	2,517	75,522	56,915	309,725	97,589	102,557	104,974	9,580
Information and communication	490	0	0	0	20,000	632,050	22,700	40,070
Publishing activities	0	0	0	0	0	0	750	0
Motion picture, video and television programme production, sound recording	50	0	0	0	0	1,050	950	0
Programming and broadcasting activities	0	0	0	0	20,000	28,000	5,230	14,430
Telecommunications	440	0	0	0	0	0	5,720	9,560
Information service activities	0	0	0	0	0	603,000	10,050	16,080
Financial and insurance activities	0	10,600	0	10,157	264,635	82,895	123,838	44,749
Financial service activities, except insurance and pension funding	0	10,600	0	7	262,135	82,895	123,608	44,749
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	10,150	2,500	0	230	0
Real estate activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0
Professional, scientific and technical activities	0	0	0	0	132,790	43,580	2,200	18,238
Legal and accounting activities	0	0	0	0	15,900	2,500	0	5,900
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	116,890	38,290	1,900	4,078
Other professional, scientific and technical activities	0	0	0	0	0	2,790	300	8,260

Table A.134: Gross additions to fixed asset in the service sector in Upper West region (Cont'd)

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Administrative and support service activities	126	0	85	35,405	125,160	125,228	40,557	90,190
Rental and leasing activities	0	0	85	500	0	30,700	17,875	10,600
Travel agency, tour operator, reservation service and related activities	0	0	0	0	2,500	3,333	3,120	560
Security and investigation activities	0	0	0	0	1,700	0	1,420	2,800
Office administrative, office support and other business support activities	126	0	0	34,905	120,960	91,195	18,142	76,230
Education	0	14,000	680	1,473,207	208,976	55,723	541,791	215,955
Education	0	14,000	680	1,473,207	208,976	55,723	541,791	215,955
Human health and social work activities	0	11,025	0	367,213	262,840	53,548	49,580	10,452
Human health activities	0	0	0	367,213	167,840	53,548	49,400	6,900
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	11,025	0	0	95,000	0	180	3,552
Arts, entertainment and recreation	0	0	325	2,600	1,500	4,648	3,910	700
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	700
Gambling and betting activities	0	0	325	2,600	0	1,023	3,910	0
Sports activities and amusement and recreation activities	0	0	0	0	1,500	3,625	0	0
Other service activities	243,708	2,000	132,468	708,685	253,183	211,064	267,948	77,246
Activities of membership organizations	240,909	0	4,484	385,000	189,876	57,526	182,339	62,055
Repair of computers and personal and household goods	1,180	2,000	66,818	16,544	27,476	12,209	5,917	2,659
Other personal service activities	1,619	0	61,166	307,141	35,831	141,329	79,691	12,532

Table A5a: Depreciation of fixed asset in the Agriculture sector

Sector	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	478,677,784	0	2,589,872,892	496,512,719,275	128,149,400,391	14,291,416,723	2,369,999,406	2,732,310,119,279
Agriculture	993,162	0	20,305,550	100,010,057,875	100,103,388,395	511,909,768	1,824,742	200,021,556,633
Agriculture, forestry and fishing	993,162	0	20,305,550	100,010,057,875	100,103,388,395	511,909,768	1,824,742	200,021,556,633
Crop and animal production, hunting and related service activities	178,751	0	20,292,480	6,921,190	22,924,610	31,905,964	1,698,594	18,975,655
Forestry and logging	0	0	1,100	15,820	244,886	459,987	6,374	1,754,883
Fishing and aquaculture	814,411	0	11,970	100,003,120,866	100,080,218,899	479,543,817	119,774	200,000,826,095

Table A5b: Depreciation of fixed asset in the Agriculture sector by size

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	478,677,784	0	2,589,872,892	496,512,719,275	128,149,400,391	14,291,416,723	2,369,999,406	2,732,310,119,279
Large-Sized Businesses	218,406,039	0	2,030,442,054	917,614,924	1,822,008,491	5,655,230,002	786,449,445	924,885,822
Medium-Sized Businesses	46,575,014	0	251,100,033	494,037,027,159	103,877,992,997	7,397,651,022	1,175,674,219	200,110,773,609
Small-Sized Businesses	116,539,116	0	293,940,940	1,349,454,761	21,626,925,878	1,184,448,029	251,017,449	2,531,164,049,838
Micro-Sized Businesses	97,157,615	0	14,389,864	208,622,431	822,473,025	54,087,670	156,858,293	110,410,010
Agriculture	993,162	0	20,305,550	100,010,057,875	100,103,388,395	511,909,768	1,824,742	200,021,556,633
Large-Sized Businesses	165,371	0	19,085,844	5,243,695	84,976,852	501,169,803	1,179,994	17,732,967
Medium-Sized Businesses	814,686	0	751,952	100,001,876,958	100,001,452,275	6,069,966	188,587	200,001,320,664
Small-Sized Businesses	9,201	0	429,301	2,257,960	16,592,224	4,090,813	270,952	747,536
Micro-Sized Businesses	3,904	0	38,453	679,262	367,043	579,186	185,210	1,755,466
Agriculture, forestry and fishing	993,162	0	20,305,550	100,010,057,875	100,103,388,395	511,909,768	1,824,742	200,021,556,633
Large-Sized Businesses	165,371	0	19,085,844	5,243,695	84,976,852	501,169,803	1,179,994	17,732,967
Medium-Sized Businesses	814,686	0	751,952	100,001,876,958	100,001,452,275	6,069,966	188,587	200,001,320,664
Small-Sized Businesses	9,201	0	429,301	2,257,960	16,592,224	4,090,813	270,952	747,536
Micro-Sized Businesses	3,904	0	38,453	679,262	367,043	579,186	185,210	1,755,466
Crop and animal production, hunting	178,751	0	20,292,480	6,921,190	22,924,610	31,905,964	1,698,594	18,975,655
Large-Sized Businesses	165,371	0	19,085,844	2,367,377	5,156,160	26,075,424	1,107,434	17,712,040
Medium-Sized Businesses	385	0	751,952	1,719,108	1,194,756	1,999,117	157,580	715,272
Small-Sized Businesses	9,191	0	417,781	2,166,799	16,213,020	3,274,883	250,058	522,908
Micro-Sized Businesses	3,804	0	36,903	667,906	360,673	556,541	183,523	25,435
Forestry and logging	0	0	1,100	15,820	244,886	459,987	6,374	1,754,883
Large-Sized Businesses	0	0	0	0	0	0	0	273
Medium-Sized Businesses	0	0	0	400	2,850	16,500	28	0
Small-Sized Businesses	0	0	1,100	15,063	242,036	432,258	6,326	74,610
Micro-Sized Businesses	0	0	0	357	0	11,229	20	1,680,000
Fishing and aquaculture	814,411	0	11,970	100,003,120,866	100,080,218,899	479,543,817	119,774	200,000,826,095
Large-Sized Businesses	0	0	0	2,876,318	79,820,692	475,094,379	72,560	20,654
Medium-Sized Businesses	814,301	0	0	100,000,157,450	100,000,254,669	4,054,349	30,979	200,000,605,392
Small-Sized Businesses	10	0	10,420	76,099	137,167	383,672	14,568	150,018
Micro-Sized Businesses	100	0	1,550	10,999	6,371	11,417	1,667	50,031

Table A5c: Depreciation of fixed asset in the industry sector by size

ISIC Group	Intangible Assets	land	Other Construction and land		Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
			Improvements	Buildings				
ALL SECTORS - National	478,677,784	0	2,589,872,892	496,512,719,275	128,149,400,391	14,291,416,723	2,369,999,406	2,732,310,119,279
Large-Sized Businesses	218,406,039	0	2,030,442,054	917,614,924	1,822,008,491	5,655,230,002	786,449,445	924,885,822
Medium-Sized Businesses	46,575,014	0	251,100,033	494,037,027,159	103,877,992,997	7,397,651,022	1,175,674,219	200,110,773,609
Small-Sized Businesses	116,539,116	0	293,940,940	1,349,454,761	21,626,925,878	1,184,448,029	251,017,449	2,531,164,049,838
Micro-Sized Businesses	97,157,615	0	14,389,864	208,622,431	822,473,025	54,087,670	156,858,293	110,410,010
Industry	109,472,368	0	2,407,023,617	393,835,279,891	3,774,039,187	12,912,737,549	1,104,108,993	2,531,599,287,845
Large-Sized Businesses	16,229,014	0	1,946,232,846	483,091,859	475,942,721	4,751,463,447	115,806,900	526,518,825
Medium-Sized Businesses	5,716,580	0	231,263,580	393,308,824,988	3,180,453,497	7,166,530,971	972,631,229	23,163,197
Small-Sized Businesses	87,339,938	0	229,077,042	36,419,594	100,760,694	985,808,459	12,128,840	2,531,047,526,523
Micro-Sized Businesses	186,836	0	450,149	6,943,450	16,882,275	8,934,672	3,542,024	2,079,300
Mining and quarrying	35,436,643	0	249,661,363	159,251,368	2,521,789,095	7,439,650,869	1,029,504,241	356,412,457
Large-Sized Businesses	6,769,813	0	10,062,542	144,305,257	127,172,584	673,250,381	79,772,673	346,993,236
Medium-Sized Businesses	614,488	0	15,569,621	3,477,724	2,385,779,991	6,742,959,929	949,317,702	8,311,386
Small-Sized Businesses	28,051,742	0	224,029,200	11,466,803	8,830,064	23,426,442	410,697	1,083,233
Micro-Sized Businesses	600	0	0	1,583	6,456	14,117	3,169	24,601
Manufacturing	10,353,887	0	226,737,644	393,333,721,098	146,296,045	1,416,821,168	45,198,396	2,531,172,669,091
Large-Sized Businesses	9,157,827	0	10,835,617	55,426,987	66,497,323	343,686,448	22,232,914	123,627,896
Medium-Sized Businesses	616,739	0	215,119,630	393,254,767,053	46,106,670	217,515,960	12,109,071	6,518,881
Small-Sized Businesses	421,987	0	769,021	17,817,081	27,762,071	847,510,603	8,320,337	2,531,040,754,213
Micro-Sized Businesses	157,334	0	13,377	5,709,976	5,929,981	8,108,158	2,536,073	1,768,102
Electricity, gas, steam and air condition	88,621	0	1,862,068,356	315,164,307	133,781,333	3,601,748,947	5,666,533	4,406,972
Large-Sized Businesses	27,337	0	1,862,000,000	273,989,769	100,237,879	3,527,351,698	5,478,030	282,396
Medium-Sized Businesses	271	0	68,356	40,001,344	115,660	3,020,944	32,319	4,000,160
Small-Sized Businesses	61,005	0	0	1,101,134	33,427,794	71,357,783	152,402	120,880
Micro-Sized Businesses	8	0	0	72,060	0	18,522	3,782	3,536
Water supply; sewerage, waste management	61,855,130	0	62,853,975	4,229,647	837,398,171	38,066,154	6,280,508	55,630,406
Large-Sized Businesses	223	0	62,244,042	2,539,441	112,697,048	32,353,490	218,250	51,618,467
Medium-Sized Businesses	3,747,725	0	8,442	228,290	709,087,743	1,582,608	4,933,107	497,671
Small-Sized Businesses	58,105,031	0	601,491	1,437,620	6,250,752	3,881,532	522,097	3,492,708
Micro-Sized Businesses	2,152	0	0	24,296	9,362,627	248,524	607,055	21,559
Construction	1,738,087	0	5,702,279	22,913,471	134,774,543	416,450,410	17,459,315	10,168,919
Large-Sized Businesses	273,814	0	1,090,645	6,830,405	69,337,887	174,821,431	8,105,034	3,996,830
Medium-Sized Businesses	737,358	0	497,531	10,350,577	39,363,432	201,451,531	6,239,031	3,835,098
Small-Sized Businesses	700,174	0	3,677,330	4,596,955	24,490,012	39,632,097	2,723,306	2,075,488
Micro-Sized Businesses	26,742	0	436,773	1,135,534	1,583,211	545,350	391,945	261,502

Table A5d: Depreciation of fixed asset in the industry sector

ISIC Group	Intangible	Land	Other Construction	Buildings	Transport and	Machinery and	Furniture and	Other Tangible
	Assets		and land		Equipment	Other Equipment	Fittings	
			Improvements					
ALL SECTORS - National	476,949,758	0	2,584,171,175	496,450,026,777	128,008,415,984	13,871,649,176	2,352,837,704	2,732,296,875,477
Industry	109,472,368	0	2,407,023,617	393,835,279,891	3,774,039,187	12,912,737,549	1,104,108,993	2,531,599,287,845
Mining and quarrying	35,436,643	0	249,661,363	159,251,368	2,521,789,095	7,439,650,869	1,029,504,241	356,412,457
Extraction of crude petroleum and natural gas	781,034	0	1,824,111	358,476	4,631,247	1,257,255,396	8,989,654	60,170,265
Mining of metal ores	6,415,665	0	20,083,263	145,124,560	120,295,559	640,293,602	68,263,624	289,251,876
Other mining and quarrying	50,593	0	3,458,389	7,385,929	15,672,754	37,870,328	529,762	1,608,680
Mining support service activities	28,189,352	0	224,295,600	6,382,402	2,381,189,535	5,504,231,544	951,721,200	5,381,636
Manufacturing	10,353,887	0	226,737,644	393,333,721,098	146,296,045	1,416,821,168	45,198,396	2,531,172,669,091
Manufacture of food products	731,985	0	8,121,005	393,141,634,883	31,624,331	165,035,600	15,967,124	2,531,063,369,791
Manufacture of beverages	7,786,708	0	75,461	82,204,236	27,997,648	161,340,240	6,776,627	89,670,580
Manufacture of textiles	13,961	0	324	4,462,989	1,531,651	7,991,949	212,101	126,895
Manufacture of wearing apparel	119,736	0	630,899	10,998,697	1,695,254	8,949,061	2,438,906	1,865,494
Manufacture of leather and related products	1,951	0	75	1,057,166	371,774	214,241	124,673	75,263
Manufacture of wood and of products of wood and cork, except furniture;	247,446	0	20,659	4,979,770	10,527,185	57,034,214	1,439,686	2,718,028
Manufacture of paper and paper products	26,305	0	322,379	1,051,492	4,286,678	14,374,969	418,462	7,170,429
Printing and reproduction of recorded media	81,483	0	211,651,150	4,927,930	4,708,966	12,259,506	3,230,676	1,214,827
Manufacture of coke and refined petroleum products	240	0	80	998,855	34,880	4,964,157	14,569	13,495
Manufacture of chemicals and chemical products	374,143	0	19,214	6,255,160	10,711,382	437,579,770	2,096,508	2,041,558
Manufacture of pharmaceuticals, medicinal chemical and botanical								
products	27,397	0	3,907	8,473,670	5,698,030	31,025,534	1,747,784	946,416
Manufacture of rubber and plastics products	8,151	0	4,776,940	42,197,594	7,431,940	23,848,180	1,754,284	1,194,708
Manufacture of other non-metallic mineral products	152,828	0	4,214	2,093,145	10,327,366	8,935,462	999,559	591,156
Manufacture of basic metals	142,647	0	283,314	4,833,653	1,819,798	20,453,531	758,525	206,692
Manufacture of fabricated metal products, except machinery and								
equipment	538,096	0	461,836	12,160,758	4,861,595	396,116,660	2,697,039	724,593
Manufacture of computer, electronic and optical products	8,525	0	3	1,173	134,417	178,741	104,529	93,297
Manufacture of electrical equipment	40	0	361,652	96,456	603,505	4,409,226	135,629	113,376
Manufacture of machinery and equipment n.e.c.	5,010	0	0	346,593	710,940	15,903,264	76,582	11,449
Manufacture of motor vehicles, trailers and semi-trailers	25	0	2,372	10,266	62,130	39,569	2,510	12,207
Manufacture of other transport equipment	8	0	0	2,323	1,234	12,341	1,962	145,636
Manufacture of furniture	24,017	0	1,446	2,028,213	16,608,121	11,984,330	1,995,026	172,710
Other manufacturing	43,696	0	0	279,885	582,506	390,612	116,159	77,848
Repair and installation of machinery and equipment	19,490	0	712	2,626,192	3,964,715	33,780,010	2,089,474	112,645

Table A5d: Depreciation of fixed asset in the industry sector (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air condition	88,621	0	1,862,068,356	315,164,307	133,781,333	3,601,748,947	5,666,533	4,406,972
Electricity, gas, steam and air condition	88,621	0	1,862,068,356	315,164,307	133,781,333	3,601,748,947	5,666,533	4,406,972
Water supply; sewerage, waste management	61,855,130	0	62,853,975	4,229,647	837,398,171	38,066,154	6,280,508	55,630,406
Water collection, treatment and supply	58,105,746	0	62,786,441	359,203	25,651,248	34,536,573	471,580	3,532,194
Sewerage	0	0	0	0	279,668	7,866	33,026	5,944
Waste collection, treatment and disposal activities; materials recovery	3,749,385	0	67,534	3,870,444	811,467,255	3,521,715	5,775,902	52,092,268
Construction	1,738,087	0	5,702,279	22,913,471	134,774,543	416,450,410	17,459,315	10,168,919
Construction of buildings	312,944	0	3,832,570	12,182,828	62,839,456	141,001,238	8,640,455	4,855,726
Civil engineering	1,380,379	0	1,853,740	9,690,133	54,614,346	265,156,671	5,446,746	3,360,352
Specialized construction activities	44,764	0	15,970	1,040,510	17,320,741	10,292,501	3,372,114	1,952,840

Table A5e: Depreciation of fixed asset in the service sector by size

ISIC Group	Intangible Assets	land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	478,677,784	0	2,589,872,892	496,512,719,275	128,149,400,391	14,291,416,723	2,369,999,406	2,732,310,119,279
Large-Sized Businesses	218,406,039	0	2,030,442,054	917,614,924	1,822,008,491	5,655,230,002	786,449,445	924,885,822
Medium-Sized Businesses	46,575,014	0	251,100,033	494,037,027,159	103,877,992,997	7,397,651,022	1,175,674,219	200,110,773,609
Small-Sized Businesses	116,539,116	0	293,940,940	1,349,454,761	21,626,925,878	1,184,448,029	251,017,449	2,531,164,049,838
Micro-Sized Businesses	97,157,615	0	14,389,864	208,622,431	822,473,025	54,087,670	156,858,293	110,410,010
Wholesale and retail trade; repair of motor vehicles and motorcycles	7,989,975	0	14,898,221	139,615,300	291,666,939	231,332,653	62,094,545	86,768,177
Large-Sized Businesses	594,193	0	7,259,973	14,008,042	88,369,594	83,659,842	19,650,703	47,909,849
Medium-Sized Businesses	4,945,833	0	2,341,599	65,182,215	78,730,307	65,271,271	15,042,716	20,905,996
Small-Sized Businesses	1,583,601	0	4,819,438	36,306,270	98,711,257	53,959,477	14,025,993	12,414,046
Micro-Sized Businesses	866,348	0	477,211	24,118,772	25,855,782	28,442,063	13,375,133	5,538,285
Transportation and storage	2,257,466	0	5,323,925	80,247,585	469,509,474	51,199,155	9,970,871	79,271,935
Large-Sized Businesses	1,974,783	0	3,581,617	19,955,992	94,257,446	16,253,297	3,969,508	76,811,983
Medium-Sized Businesses	145,235	0	890,959	13,254,899	30,642,976	20,468,501	2,341,495	523,619
Small-Sized Businesses	68,980	0	843,339	46,009,268	329,115,770	14,339,791	3,138,748	1,897,957
Micro-Sized Businesses	68,468	0	8,010	1,027,426	15,493,282	137,565	521,120	38,377
Accommodation and food service activities	19,629,261	0	20,340,845	1,413,618,152	871,401,370	60,354,874	62,792,090	9,818,970
Large-Sized Businesses	459,577	0	3,737,344	37,555,418	6,753,260	15,167,547	27,433,297	3,436,156
Medium-Sized Businesses	1,912,735	0	3,033,450	360,587,837	216,492,495	27,251,763	16,139,004	1,374,651
Small-Sized Businesses	15,190,850	0	5,827,927	934,257,083	647,176,249	14,524,420	13,614,906	1,239,043
Micro-Sized Businesses	2,066,099	0	7,742,124	81,217,814	979,367	3,411,144	5,604,884	3,769,120
Information and communication	84,623,828	0	8,730,133	7,456,664	535,958,082	290,488,566	12,072,345	80,858,099
Large-Sized Businesses	80,538,738	0	6,845,805	3,258,292	21,522,635	194,718,565	4,671,544	56,737,921
Medium-Sized Businesses	2,177,284	0	1,530,012	1,583,608	210,427,040	46,622,164	4,584,624	4,073,000
Small-Sized Businesses	1,555,515	0	331,724	1,369,186	203,786,430	48,403,909	2,425,586	19,526,015
Micro-Sized Businesses	352,291	0	22,593	1,245,579	100,221,976	743,929	390,590	521,162
Financial and insurance activities	242,405,106	0	75,786,086	241,140,709	886,820,032	76,342,306	980,064,034	388,307,352
Large-Sized Businesses	116,921,241	0	28,335,339	133,752,721	655,998,176	19,766,810	587,244,630	188,206,593
Medium-Sized Businesses	29,199,178	0	7,552,914	69,858,555	107,528,886	27,533,041	142,247,198	43,382,526
Small-Sized Businesses	5,460,603	0	39,897,689	17,520,810	72,744,183	28,705,042	127,103,291	63,662,548
Micro-Sized Businesses	90,824,084	0	143	20,008,623	50,548,786	337,414	123,468,915	93,055,685

Table A5e: Depreciation of fixed asset in the service sector by size (Cont'd)

ISIC Group	Intangible Assets	land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Real estate activities	273,343	0	5,268,199	19,915,277	5,332,085	53,749,878	2,845,878	592,592
Large-Sized Businesses	6,772	0	1,718,917	1,133,362	782,810	51,454,035	1,476,255	21,585
Medium-Sized Businesses	195,423	0	28,720	12,273,875	2,574,168	1,383,825	826,141	375,027
Small-Sized Businesses	68,557	0	1,037,535	4,726,448	1,574,257	896,221	403,314	143,532
Micro-Sized Businesses	2,591	0	2,483,027	1,781,593	400,850	15,798	140,167	52,448
Professional, scientific and technical activities	1,283,678	0	316,514	8,294,122	23,795,995	13,619,694	8,860,893	9,585,203
Large-Sized Businesses	12,691	0	97,345	583,379	1,124,962	1,876,363	836,988	2,010,957
Medium-Sized Businesses	283,557	0	197,094	5,623,072	5,161,301	4,948,601	2,511,495	2,733,268
Small-Sized Businesses	922,034	0	20,580	1,608,555	16,613,916	6,267,884	4,958,673	3,751,602
Micro-Sized Businesses	65,396	0	1,495	479,115	895,816	526,847	553,738	1,089,375
Administrative and support service activities	990,333	0	2,979,242	8,034,513	460,042,800	24,854,583	47,320,630	2,135,056
Large-Sized Businesses	133,691	0	242,478	308,017	380,185,656	612,953	1,220,038	239,981
Medium-Sized Businesses	314,724	0	2,535,320	2,805,040	13,244,511	16,788,590	806,343	835,646
Small-Sized Businesses	457,270	0	177,213	4,150,427	64,816,109	6,467,535	43,664,182	486,967
Micro-Sized Businesses	84,648	0	24,232	771,030	1,796,525	985,505	1,630,066	572,461
Education	1,648,488	0	5,114,508	286,586,862	88,954,542	11,842,248	36,306,154	17,955,847
Large-Sized Businesses	1,206,028	0	144,342	18,977,081	4,358,824	1,770,180	7,330,822	1,998,595
Medium-Sized Businesses	187,317	0	249,729	175,131,788	19,486,941	2,993,974	13,398,876	7,096,195
Small-Sized Businesses	248,471	0	4,720,437	90,939,946	64,910,734	5,614,515	15,064,613	8,721,251
Micro-Sized Businesses	6,673	0	0	1,538,047	198,042	1,463,580	511,844	139,806
Human health and social work activities	394,170	0	2,543,870	212,433,428	16,668,018	28,114,862	9,099,763	8,185,955
Large-Sized Businesses	125,428	0	553,348	190,289,822	2,648,747	11,623,344	2,572,235	2,872,498
Medium-Sized Businesses	202,749	0	245,405	11,545,539	6,400,043	10,204,158	3,303,416	3,171,899
Small-Sized Businesses	35,703	0	1,733,181	9,193,142	7,367,038	5,885,178	3,011,997	1,995,403
Micro-Sized Businesses	30,289	0	11,936	1,404,926	252,190	402,182	212,115	146,156
Arts, entertainment and recreation	238,463	0	43,842	3,964,051	101,030,996	6,228,360	8,747,320	1,893,935
Large-Sized Businesses	0	0	17,587	2,467,646	45,361	4,066,483	7,679,652	27,723
Medium-Sized Businesses	66,825	0	0	202,146	460,591	830,057	251,418	1,589,019
Small-Sized Businesses	95,753	0	89	818,687	100,471,933	970,658	715,399	96,436
Micro-Sized Businesses	75,884	0	26,166	475,572	53,112	361,161	100,852	180,757
Other service activities	6,478,143	0	21,198,340	246,074,846	20,520,792,477	18,642,227	23,891,147	3,901,679
Large-Sized Businesses	38,511	0	12,589,270	6,989,597	5,041,447	1,627,333	5,376,879	360,189
Medium-Sized Businesses	412,888	0	479,299	8,276,640	4,937,966	754,141	1,401,677	228,901
Small-Sized Businesses	3,502,638	0	5,025,445	163,877,385	19,902,285,085	8,514,129	10,490,956	1,840,979
Micro-Sized Businesses	2,524,105	0	3,104,326	66,931,224	608,527,978	7,746,624	6,621,635	1,471,610

Table A5f: Depreciation of fixed asset in the service sector

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
ALL SECTORS - National	478,677,784	0	2,589,872,892	496,512,719,275	128,149,400,391	14,291,416,723	2,369,999,406	2,732,310,119,279
Services	368,212,254	0	162,543,725	2,667,381,509	24,271,972,809	866,769,407	1,264,065,670	689,274,801
Wholesale and retail trade; repair of motor vehicles and motorcycles	7,989,975	0	14,898,221	139,615,300	291,666,939	231,332,653	62,094,545	86,768,177
Wholesale and retail trade and repair of motor vehicles and motorcycles	129,101	0	679,274	12,713,659	22,532,397	16,977,933	6,359,050	3,794,793
Wholesale trade, except of motor vehicles and motorcycles	5,625,047	0	3,445,394	69,868,525	85,333,121	57,651,566	14,602,701	18,020,081
Retail trade, except of motor vehicles and motorcycles	2,235,827	0	10,773,552	57,033,115	183,801,421	156,703,154	41,132,794	64,953,303
Transportation and storage	2,257,466	0	5,323,925	80,247,585	469,509,474	51,199,155	9,970,871	79,271,935
Land transport and transport via pipelines	1,113,207	0	1,309,255	24,665,406	50,067,893	2,104,921	1,841,686	71,439,851
Water transport	51,467	0	2,143,516	328,973	4,320,850	843,262	244,296	57,872
Air transport	785,897	0	0	181,355	1,459,963	5,859,878	1,110,791	5,256,712
Warehousing and support activities for transportation	306,689	0	1,463,766	54,270,310	311,048,291	41,637,597	6,400,339	2,478,921
Postal and courier activities	206	0	407,388	801,542	102,612,477	753,498	373,759	38,579
Accommodation and food service activities	19,629,261	0	20,340,845	1,413,618,152	871,401,370	60,354,874	62,792,090	9,818,970
Accommodation	4,139,097	0	11,731,911	1,367,530,007	852,894,139	39,377,399	54,576,071	4,623,610
Food and beverage service activities	15,490,164	0	8,608,934	46,088,145	18,507,231	20,977,474	8,216,019	5,195,360
Information and communication	84,623,828	0	8,730,133	7,456,664	535,958,082	290,488,566	12,072,345	80,858,099
Publishing activities	167,242	0	618,701	1,478,629	2,404,180	3,992,033	725,798	233,425
Motion picture, video and television programme production, sound recording	154,245	0	121	1,148,738	428,228	98,615	292,145	86,173
Programming and broadcasting activities	1,169,793	0	465,896	2,026,534	305,772,105	71,196,557	2,332,629	19,273,769
Telecommunications	82,645,794	0	7,606,114	1,485,599	20,121,841	181,609,406	6,304,490	60,603,512
Computer programming, consultancy and related activities	394,509	0	20,305	1,164,357	5,505,771	33,052,676	1,924,088	333,464
Information service activities	92,246	0	18,996	152,807	201,725,957	539,278	493,195	327,755
Financial and insurance activities	242,405,106	0	75,786,086	241,140,709	886,820,032	76,342,306	980,064,034	388,307,352
Financial service activities, except insurance and pension funding	239,768,676	0	75,785,986	235,313,854	857,070,231	71,905,175	965,299,128	373,951,303
Insurance, reinsurance and pension funding, except compulsory social security	2,064,601	0	0	5,440,449	16,136,713	3,656,865	9,514,441	10,027,636
Activities auxiliary to financial service and insurance activities	571,829	0	100	386,407	13,613,087	780,267	5,250,466	4,328,414

Table A5f: Depreciation of fixed asset in the service sector (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Real estate activities	273,343	0	5,268,199	19,915,277	5,332,085	53,749,878	2,845,878	592,592
Real estate activities	273,343	0	5,268,199	19,915,277	5,332,085	53,749,878	2,845,878	592,592
Professional, scientific and technical activities	1,283,678	0	316,514	8,294,122	23,795,995	13,619,694	8,860,893	9,585,203
Legal and accounting activities	80,018	0	0	180,271	1,658,202	734,103	1,186,954	1,094,914
Activities of head offices; management consultancy activities	341,500	0	31,755	5,050,392	3,630,671	397,850	1,478,642	1,556,172
Architectural and engineering activities; technical testing and analysis	35,185	0	160,446	369,461	14,080,074	7,035,551	2,800,579	3,153,722
Scientific research and development	4,940	0	96,930	891,144	679,074	399,976	292,819	107,441
Advertising and market research	784,039	0	15,893	1,070,674	1,815,186	1,506,237	1,949,610	2,646,907
Other professional, scientific and technical activities	37,996	0	11,490	413,190	1,886,036	3,515,575	1,134,315	1,012,834
Veterinary activities	0	0	0	318,990	46,752	30,403	17,974	13,213
Administrative and support service activities	990,333	0	2,979,242	8,034,513	460,042,800	24,854,583	47,320,630	2,135,056
Rental and leasing activities	63,379	0	2,579,361	4,143,665	16,417,841	16,368,801	980,978	511,821
Employment activities	89,223	0	19,529	294,619	375,993,322	55,879	481,913	232,808
Travel agency, tour operator, reservation service and related activities	39,283	0	176,913	999,839	59,376,052	2,779,555	9,128,396	114,446
Security and investigation activities	504,282	0	7,838	445,398	4,746,219	501,548	1,648,772	228,380
Services to buildings and landscape activities	10,727	0	0	40,789	730,890	693,013	33,578,793	166,402
Office administrative, office support and other business support activities	283,440	0	195,602	2,110,203	2,778,475	4,455,787	1,501,779	881,200
Education	1,648,488	0	5,114,508	286,586,862	88,954,542	11,842,248	36,306,154	17,955,847
Education	1,648,488	0	5,114,508	286,586,862	88,954,542	11,842,248	36,306,154	17,955,847
Human health and social work activities	394,170	0	2,543,870	212,433,428	16,668,018	28,114,862	9,099,763	8,185,955
Human health activities	290,650	0	2,504,594	204,374,615	11,663,024	25,001,293	7,770,284	5,567,002
Residential care activities	0	0	0	6,453,434	86,537	1,595,432	67,265	1,622,155
Social work activities without accommodation	103,520	0	39,276	1,605,379	4,918,456	1,518,137	1,262,214	996,798

Table A5f: Depreciation of fixed asset in the service sector (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Arts, entertainment and recreation	238,463	0	43,842	3,964,051	101,030,996	6,228,360	8,747,320	1,893,935
Creative, arts and entertainment activities	146,835	0	7,400	2,631,160	410,143	982,388	258,139	1,596,857
Libraries, archives, museums and other cultural activities	37,529	0	39	679,241	100,075,017	130,843	419,412	67,428
Gambling and betting activities	8,159	0	34,823	175,756	118,461	4,340,004	7,907,781	152,877
Sports activities and amusement and recreation activities	45,940	0	1,580	477,894	427,376	775,125	161,987	76,773
Other service activities	6,478,143	0	21,198,340	246,074,846	20,520,792,477	18,642,227	23,891,147	3,901,679
Activities of membership organizations	5,366,260	0	20,106,361	233,713,121	20,513,956,509	10,533,031	18,644,790	2,109,822
Repair of computers and personal and household goods	407,418	0	10,855	1,647,752	5,668,871	2,197,586	849,687	406,232
Other personal service activities	704,465	0	1,081,123	10,713,973	1,167,097	5,911,611	4,396,671	1,385,625

Table A6a: Value of fixed asset at the end of year in all the sectors by size

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors	1,340,061,518	18,064,742,020	7,591,234,933	26,101,058,860	25,277,005,328	95,857,872,954	3,895,882,794	2,243,171,210
Agriculture Sector	2,226,247	48,542,330	12,591,004	188,593,417	340,582,381	9,132,328,530	14,238,510	72,460,818
Crop and animal production, hunting and related service activities	495,726	44,139,692	12,483,234	145,554,995	28,817,537	116,747,744	5,709,474	66,839,449
Large-Sized Businesses	310,810	8,687,324	6,550,000	40,317,957	9,152,890	88,466,993	2,453,957	65,339,076
Medium-Sized Businesses	7,540	9,234,271	3,711,461	22,786,690	3,207,651	9,303,341	308,259	568,172
Small-Sized Businesses	109,709	22,936,705	2,102,871	59,696,205	14,362,250	14,472,197	1,271,886	875,974
Micro-Sized Businesses	67,668	3,281,392	118,902	22,754,144	2,094,747	4,505,213	1,675,372	56,226
Forestry and logging	0	50,188	6,600	757,080	1,800,819	3,651,204	37,465	1,695,801
Large-Sized Businesses	0	0	0	0	0	0	0	1,091
Medium-Sized Businesses	0	5,000	0	13,760	0	45,000	662	0
Small-Sized Businesses	0	38,688	6,600	738,063	1,800,819	3,506,672	36,733	14,710
Micro-Sized Businesses	0	6,500	0	5,257	0	99,532	70	1,680,000
Fishing and aquaculture	1,730,521	4,352,450	101,170	42,281,342	309,964,025	9,011,929,583	8,491,571	3,925,568
Large-Sized Businesses	0	3,942,400	0	40,387,202	308,055,409	8,982,783,190	8,318,317	31,328
Medium-Sized Businesses	1,725,231	250,300	0	406,900	1,363,360	25,508,165	100,276	3,469,489
Small-Sized Businesses	490	97,650	93,360	984,957	526,821	3,573,747	59,826	245,432
Micro-Sized Businesses	4,800	62,100	7,810	502,283	18,435	64,481	13,152	179,319
Industry Sector	599,382,863	16,067,653,205	6,443,072,876	5,180,301,771	10,811,717,766	83,424,368,217	850,118,252	559,618,975
Mining and quarrying	574,316,277	14,967,498,799	868,020,875	538,384,147	1,872,391,955	50,296,124,140	499,449,609	214,008,911
Large-Sized Businesses	37,618,581	1,354,577	281,534,780	380,897,708	192,839,751	5,658,675,399	57,851,618	104,407,366
Medium-Sized Businesses	3,741,252	14,957,046,103	12,919,605	73,890,245	1,642,044,173	43,610,986,074	439,512,160	76,688,265
Small-Sized Businesses	532,954,044	9,095,119	573,566,490	83,518,675	37,471,166	1,026,339,074	2,064,683	32,815,816
Micro-Sized Businesses	2,400	3,000	0	77,518	36,865	123,592	21,147	97,464
Manufacturing	11,603,301	234,456,161	3,500,390,558	1,930,724,528	7,660,805,355	23,136,831,978	118,834,487	258,407,065
Large-Sized Businesses	5,356,240	67,465,173	198,743,350	393,207,949	135,060,072	1,209,687,725	41,729,625	201,239,869
Medium-Sized Businesses	2,956,795	146,989,297	3,259,466,789	779,176,635	7,364,678,028	3,419,397,739	36,244,957	15,734,348
Small-Sized Businesses	1,746,014	19,062,484	38,296,540	537,056,169	132,424,503	18,403,760,819	28,783,820	37,296,233
Micro-Sized Businesses	1,544,252	939,207	3,883,879	221,283,775	28,642,753	103,985,695	12,076,085	4,136,616
Electricity, gas, steam and air conditioning supply	246,763	11,494,985	1,714,686,050	2,397,737,614	252,501,835	7,281,047,332	55,497,535	9,024,090
Large-Sized Businesses	40,663	9,228,710	1,712,999,936	545,685,428	74,635,887	7,108,594,732	54,252,710	569,308
Medium-Sized Businesses	18,457	2,266,275	1,686,114	1,800,024,297	602,422	4,991,443	133,276	8,001,040
Small-Sized Businesses	187,508	0	0	49,865,009	177,263,526	167,366,977	1,087,954	437,401
Micro-Sized Businesses	135	0	0	2,162,880	0	94,180	23,595	16,341

Table A6a: Value of fixed asset at the end of year in all the sectors by size (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Water supply; sewerage, waste management and remediation activities	9,613,232	286,981,053	248,723,175	77,724,755	620,156,558	631,512,881	119,128,340	44,459,498
Large-Sized Businesses	1,417	285,854,960	220,846,612	20,822,971	68,281,736	589,692,830	2,377,675	30,026,919
Medium-Sized Businesses	1,921,462	412,873	344,740	9,223,512	504,893,541	3,655,782	111,999,317	956,704
Small-Sized Businesses	5,126,082	713,220	27,531,823	46,688,653	19,435,230	36,548,694	3,796,518	13,419,515
Micro-Sized Businesses	2,564,271	0	0	989,619	27,546,051	1,615,575	954,829	56,359
Construction	3,603,289	567,222,208	111,252,218	235,730,727	405,862,063	2,078,851,887	57,208,281	33,719,411
Large-Sized Businesses	538,180	88,362,492	15,438,917	63,764,528	126,758,967	317,498,608	11,304,320	6,232,905
Medium-Sized Businesses	2,011,472	296,982,399	6,924,996	96,960,346	148,561,252	1,320,460,972	32,631,422	19,858,904
Small-Sized Businesses	957,413	160,293,035	88,830,547	43,227,341	119,617,732	436,018,955	10,765,428	7,059,882
Micro-Sized Businesses	96,225	21,584,281	57,758	31,778,511	10,924,113	4,873,352	2,507,111	567,720
Service Sector	738,452,408	1,948,546,485	1,135,571,053	20,732,163,673	14,124,705,181	3,301,176,207	3,031,526,032	1,611,091,417
Wholesale and retail trade; repair of motor vehicles and motorcycles	14,254,557	714,882,395	439,497,701	2,347,019,092	1,729,124,151	1,399,027,906	212,204,037	294,562,565
Large-Sized Businesses	4,065,124	125,239,488	154,751,127	237,932,470	972,176,936	288,113,668	37,234,182	86,024,859
Medium-Sized Businesses	3,242,381	129,843,636	67,427,455	741,847,464	156,562,051	153,937,743	35,828,040	129,069,483
Small-Sized Businesses	4,232,628	188,668,689	198,940,103	761,285,027	453,289,561	401,741,292	53,416,472	51,596,836
Micro-Sized Businesses	2,714,424	271,130,582	18,379,016	605,954,131	147,095,603	555,235,202	85,725,342	27,871,387
Transportation and storage	8,917,952	54,085,418	42,451,255	608,545,708	1,571,613,014	136,895,512	22,865,310	31,939,183
Large-Sized Businesses	7,028,557	14,061,741	31,844,790	72,793,988	211,350,466	58,266,139	6,113,240	10,342,618
Medium-Sized Businesses	922,321	23,572,934	6,290,243	136,111,424	158,452,018	34,502,397	7,087,934	3,797,458
Small-Sized Businesses	546,849	16,050,263	4,244,222	390,332,190	1,074,980,402	43,490,110	7,976,050	16,865,825
Micro-Sized Businesses	420,226	400,480	72,000	9,308,106	126,830,127	636,866	1,688,086	933,282
Accommodation and food service activities	35,812,389	130,639,606	229,288,173	5,100,775,782	1,942,786,515	308,850,979	235,605,694	90,151,795
Large-Sized Businesses	1,684,374	29,975,190	79,181,740	531,047,556	15,792,931	49,391,043	48,815,737	22,163,200
Medium-Sized Businesses	4,084,407	42,406,753	25,517,278	2,655,965,839	1,860,037,503	119,775,547	45,768,643	14,399,784
Small-Sized Businesses	17,126,033	46,382,775	52,750,027	1,090,263,641	56,611,574	104,164,259	91,915,282	17,098,171
Micro-Sized Businesses	12,917,575	11,874,888	71,839,128	823,498,746	10,344,507	35,520,131	49,106,032	36,490,640
Information and communication	102,375,104	7,261,733	25,330,819	72,358,660	1,937,902,779	507,608,415	27,977,628	213,397,899
Large-Sized Businesses	93,011,853	3,043,514	8,561,543	30,579,764	98,469,072	270,944,845	10,671,278	155,687,912
Medium-Sized Businesses	3,886,850	2,043,514	12,886,691	17,038,633	18,435,696	73,705,015	7,136,832	19,891,558
Small-Sized Businesses	4,740,359	1,548,459	2,955,471	13,597,077	919,993,874	156,664,015	6,482,559	29,487,967
Micro-Sized Businesses	736,042	626,246	927,115	11,143,186	901,004,138	6,294,540	3,686,959	8,330,462

Table A6a: Value of fixed asset at the end of year in all the sectors by size (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land		Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
			Improvements	Buildings				
Financial and insurance activities	547,042,871	3,455,135	174,852,490	3,553,260,633	1,116,108,601	251,334,609	1,991,838,152	801,212,759
Large-Sized Businesses	257,614,793	21,910	94,426,782	1,033,196,852	701,800,469	91,826,768	1,131,144,834	201,186,022
Medium-Sized Businesses	105,032,633	1,827,607	10,791,708	770,276,288	79,612,726	94,999,913	89,330,031	248,789,284
Small-Sized Businesses	8,334,952	1,605,617	69,627,124	703,435,805	206,505,579	58,763,475	477,135,789	59,636,706
Micro-Sized Businesses	176,060,493	0	6,876	1,046,351,688	128,189,828	5,744,453	294,227,499	291,600,748
Real estate activities	2,034,053	164,984,328	49,779,094	201,693,487	18,212,592	14,980,248	8,902,142	10,666,825
Large-Sized Businesses	44,234	0	15,448,089	13,924,175	1,790,852	2,345,719	2,778,397	495,369
Medium-Sized Businesses	1,761,690	71,345,210	2,629,084	115,929,579	5,424,550	7,529,034	3,010,442	8,024,929
Small-Sized Businesses	223,122	85,592,567	9,326,877	55,803,510	8,338,092	4,822,889	1,551,165	1,069,533
Micro-Sized Businesses	5,007	8,046,551	22,375,044	16,036,223	2,659,098	282,606	1,562,138	1,076,994
Professional, scientific and technical activities	2,342,996	11,511,157	2,937,710	133,936,847	92,338,289	71,787,070	37,411,805	28,119,980
Large-Sized Businesses	85,943	0	1,366,208	5,169,671	2,150,298	5,706,512	1,544,088	3,848,087
Medium-Sized Businesses	218,872	405,633	1,402,443	83,166,201	30,033,976	17,591,876	11,909,216	6,819,389
Small-Sized Businesses	1,836,662	10,988,681	155,783	29,486,636	52,163,134	40,622,529	20,455,648	10,940,829
Micro-Sized Businesses	201,519	116,843	13,276	16,114,340	7,990,880	7,866,153	3,502,853	6,511,676
Administrative and support service activities	5,684,433	23,226,846	15,433,343	112,169,557	3,535,944,781	74,000,362	64,813,419	28,401,871
Large-Sized Businesses	2,659,874	3,671,568	2,331,186	3,547,151	3,391,902,604	1,486,717	3,948,742	2,691,319
Medium-Sized Businesses	819,538	6,379,386	12,676,610	66,988,848	85,326,076	28,691,263	1,735,631	9,644,845
Small-Sized Businesses	1,927,320	2,460,452	196,063	33,421,070	39,411,131	31,218,906	43,389,426	4,988,630
Micro-Sized Businesses	277,701	10,715,440	229,484	8,212,489	19,304,970	12,603,476	15,739,620	11,077,078
Education	3,552,927	68,961,947	31,098,830	5,370,534,382	966,090,021	58,849,465	158,983,150	37,913,675
Large-Sized Businesses	1,002,615	41,243,515	5,688,556	259,558,692	6,875,929	12,658,465	10,673,645	2,759,026
Medium-Sized Businesses	1,472,549	13,444,309	6,932,402	3,690,324,049	197,737,896	20,721,758	79,292,969	16,169,710
Small-Sized Businesses	1,050,886	13,982,415	18,477,193	1,358,597,156	759,750,265	23,369,554	66,243,618	18,204,458
Micro-Sized Businesses	26,877	291,708	680	62,054,486	1,725,930	2,099,688	2,772,917	780,481
Human health and social work activities	2,676,189	426,256,843	33,770,382	855,535,452	89,558,489	224,338,002	39,900,047	27,722,540
Large-Sized Businesses	959,269	923,865	6,592,033	218,218,263	10,316,277	90,054,762	15,186,734	7,262,247
Medium-Sized Businesses	1,136,877	1,269,861	2,604,536	119,959,941	22,752,413	78,579,340	12,618,322	14,541,767
Small-Sized Businesses	79,005	423,964,117	23,392,194	468,533,520	55,133,246	49,807,420	10,209,979	5,408,170
Micro-Sized Businesses	501,039	99,000	1,181,619	48,823,727	1,356,553	5,896,480	1,885,012	510,356

Table A6a: Value of fixed asset at the end of year in all the sectors by size (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Arts, entertainment and recreation	1,030,982	11,300,396	345,343	36,224,953	904,231,093	40,465,008	11,134,011	5,283,252
Large-Sized Businesses	86,116	2,366,400	52,761	23,176,141	320,256	6,691,716	6,039,721	214,758
Medium-Sized Businesses	136,323	4,335,300	0	1,405,539	871,025	917,417	280,215	674,380
Small-Sized Businesses	604,461	2,775,302	51,506	7,080,248	902,120,061	4,424,610	3,735,132	1,489,876
Micro-Sized Businesses	204,083	1,823,395	241,076	4,563,025	919,752	28,431,265	1,078,943	2,904,238
Other service activities	12,727,953	331,980,682	90,785,914	2,340,109,118	220,794,857	213,038,631	219,890,639	41,719,073
Large-Sized Businesses	115,531	29,463,410	8,022,950	56,525,687	9,107,791	1,702,910	3,647,736	5,072,818
Medium-Sized Businesses	262,189	6,638,377	3,891,262	75,127,549	17,343,089	3,161,167	6,109,404	1,726,478
Small-Sized Businesses	4,769,274	111,656,762	52,093,142	1,558,932,552	144,610,430	91,432,706	140,470,716	18,006,808
Micro-Sized Businesses	7,580,959	184,222,133	26,778,559	649,523,330	49,733,547	116,741,847	69,662,783	16,912,969

Table A6b: Value of fixed asset at the end of year in the agriculture sector by region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
National - All Sectors	1,340,061,518	18,064,742,020	7,591,234,933	26,101,058,860	25,277,005,328	95,857,872,954	3,895,882,794	2,243,171,210
Agriculture, forestry and fishing	2,226,247	48,542,330	12,591,004	188,593,417	340,582,381	9,132,328,530	14,238,510	72,460,818
Crop and animal production, hunting and related service activities	495,726	44,139,692	12,483,234	145,554,995	28,817,537	116,747,744	5,709,474	66,839,449
Forestry and logging	0	50,188	6,600	757,080	1,800,819	3,651,204	37,465	1,695,801
Fishing and aquaculture	1,730,521	4,352,450	101,170	42,281,342	309,964,025	9,011,929,583	8,491,571	3,925,568
Western - All Sectors	44,361,549	95,077,695	150,022,510	671,324,811	2,085,840,300	13,159,548,915	133,719,739	176,361,167
Agriculture, forestry and fishing	67,668	6,591,624	73,800	2,786,761	454,444	6,972,098	164,002	47,800
Crop and animal production, hunting and related service activities	67,668	6,590,524	72,000	2,786,761	424,885	6,952,875	164,002	47,800
Forestry and logging	0	0	0	0	27,000	16,928	0	0
Fishing and aquaculture	0	1,100	1,800	0	2,559	2,295	0	0
Central - All Sectors	2,445,492	101,846,839	57,708,720	3,610,120,994	2,849,856,619	680,511,810	81,246,663	74,809,107
Agriculture, forestry and fishing	13,300	7,282,800	282,055	4,761,532	3,268,824	1,055,253	834,743	517,586
Crop and animal production, hunting and related service activities	8,500	7,279,800	281,785	4,721,612	3,268,437	1,046,123	824,968	495,007
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	4,800	3,000	270	39,920	387	9,130	9,775	22,579
Greater Accra - All Sectors	1,249,064,815	17,263,659,015	6,888,397,825	15,411,826,978	6,580,757,883	68,058,423,410	3,133,741,431	1,766,954,137
Agriculture, forestry and fishing	1,792,923	11,265,719	53,935	54,061,633	312,282,196	9,016,120,533	10,075,082	64,082,845
Crop and animal production, hunting and related service activities	67,692	7,191,069	53,935	13,650,531	3,285,347	5,851,697	1,688,315	60,578,326
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	1,725,231	4,074,650	0	40,411,102	308,996,849	9,010,268,836	8,386,767	3,504,519
Volta - All Sectors	13,629,548	25,949,003	13,923,681	799,853,125	988,588,984	443,471,853	135,613,144	10,233,003
Agriculture, forestry and fishing	814	3,553,934	34,689	9,072,020	4,161,348	6,926,662	129,520	201,709
Crop and animal production, hunting and related service activities	814	3,484,934	34,689	8,684,902	4,022,549	6,859,364	107,477	59,416
Forestry and logging	0	2,200	0	0	68,386	34,768	5,971	4,485
Fishing and aquaculture	0	66,800	0	387,118	70,413	32,530	16,072	137,808

Table A6b: Value of fixed asset at the end of year in the agriculture sector by region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Eastern All Sectors	3,709,084	60,665,516	53,934,486	760,804,633	7,416,170,043	769,459,213	61,776,461	23,527,557
Agriculture, forestry and fishing	1,700	5,852,293	3,986,569	7,433,198	3,474,959	7,689,099	215,199	309,646
Crop and animal production, hunting and related service activities	1,700	5,696,293	3,893,209	5,974,594	2,055,777	5,774,531	130,860	72,635
Forestry and logging	0	0	0	140,875	543,375	447,638	12,161	4,960
Fishing and aquaculture	0	156,000	93,360	1,317,729	875,807	1,466,931	72,178	232,051
Ashanti - All Sectors	18,244,527	309,048,213	378,734,942	2,996,221,773	3,954,278,495	11,745,592,337	180,655,237	118,877,017
Agriculture, forestry and fishing	54,626	6,788,829	6,766,657	79,531,163	10,110,603	85,093,624	2,403,094	5,452,705
Crop and animal production, hunting and related service activities	54,626	6,751,642	6,760,057	78,933,976	8,959,545	81,992,646	2,382,774	5,436,359
Forestry and logging	0	37,188	6,600	597,188	1,151,058	3,009,358	16,920	6,356
Fishing and aquaculture	0	0	0	0	0	91,620	3,400	9,990
Brong Ahafo - All Sectors	3,621,325	151,818,284	25,002,786	1,123,422,851	160,086,411	746,554,903	76,089,483	49,182,023
Agriculture, forestry and fishing	9,230	6,613,060	1,358,195	28,353,442	5,695,434	4,536,933	299,624	85,898
Crop and animal production, hunting and related service activities	8,740	6,551,360	1,352,455	28,208,952	5,666,424	4,365,406	293,832	67,277
Forestry and logging	0	10,800	0	19,017	11,000	142,512	2,413	0
Fishing and aquaculture	490	50,900	5,740	125,473	18,010	29,015	3,379	18,621
Northern - All Sectors	3,922,679	44,779,278	9,914,033	473,838,528	251,898,957	159,897,284	72,888,295	16,344,997
Agriculture, forestry and fishing	280,782	186,620	17,100	1,598,338	879,859	3,154,796	95,398	1,747,911
Crop and animal production, hunting and related service activities	280,782	186,620	17,100	1,598,338	879,859	3,126,650	95,398	67,911
Forestry and logging	0	0	0	0	0	0	0	1,680,000
Fishing and aquaculture	0	0	0	0	0	28,146	0	0
Upper East - All Sectors	509,713	4,165,712	2,374,521	156,721,434	56,425,531	39,372,888	7,704,746	4,480,903
Agriculture, forestry and fishing	1,880	39,620	9,205	467,471	44,460	212,725	2,033	2,160
Crop and animal production, hunting and related service activities	1,880	39,620	9,205	467,471	44,460	212,725	2,033	2,160
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Upper West - All Sectors	552,786	7,732,466	11,221,428	96,923,734	933,102,104	55,040,341	12,447,597	2,401,299
Agriculture, forestry and fishing	3,325	367,830	8,800	527,859	210,254	566,809	19,814	12,557
Crop and animal production, hunting and related service activities	3,325	367,830	8,800	527,859	210,254	565,729	19,814	12,557
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	1,080	0	0

Table A6c: Value of fixed asset at the end of year in the industry sector

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
National - All Sectors	1,340,061,518	18,064,742,020	7,591,234,933	26,101,058,860	25,277,005,328	95,857,872,954	3,895,882,794	2,243,171,210
Industry Sector	599,382,863	16,067,653,205	6,443,072,876	5,180,301,771	10,811,717,766	83,424,368,217	850,118,252	559,618,975
Mining and quarrying	574,316,277	14,967,498,799	868,020,875	538,384,147	1,872,391,955	50,296,124,140	499,449,609	214,008,911
Extraction of crude petroleum and natural gas	2,066,927	0	39,200,943	1,959,052	6,102,889	9,800,735,112	9,418,978	58,378,553
Mining of metal ores	36,694,963	8,987,970	249,506,522	437,177,319	183,210,300	2,656,301,326	47,624,746	98,701,946
Other mining and quarrying	192,035	136,940,907	2,672,510	35,178,972	77,658,662	213,414,589	1,837,926	14,252,527
Mining support service activities	535,362,353	14,821,569,923	576,640,900	64,068,804	1,605,420,103	37,625,673,113	440,567,959	42,675,886
Manufacturing	11,603,301	234,456,161	3,500,390,558	1,930,724,528	7,660,805,355	23,136,831,978	118,834,487	258,407,065
Manufacture of food products	1,288,573	30,481,314	93,555,580	440,122,660	63,031,590	653,968,293	29,914,993	80,113,691
Manufacture of beverages	3,344,117	15,262,897	5,154,170	140,385,712	73,073,933	591,824,427	12,219,188	101,617,479
Manufacture of textiles	57,285	2,652,572	10,702	31,723,235	2,518,562	20,337,952	642,137	355,279
Manufacture of wearing apparel	835,323	457,996	24,671,344	387,779,224	7,813,652	54,347,720	12,853,002	2,582,798
Manufacture of leather and related products	31,587	895,404	20,718	5,663,385	1,282,530	1,998,053	549,302	132,147
Manufacture of wood and of products of wood and cork, except furniture;	117,625	64,258,523	956,199	121,963,475	41,098,533	163,929,609	3,322,453	9,082,567
Manufacture of paper and paper products	62,748	853,481	30,060,085	23,508,956	8,220,179	77,948,480	1,086,559	28,166,770
Printing and reproduction of recorded media	288,491	1,110,389	3,223,782,621	122,290,928	13,342,778	98,775,904	6,680,840	3,288,164
Manufacture of coke and refined petroleum products	720	10,181,041	1,511	23,666,897	164,618	24,628,737	70,019	17,963
Manufacture of chemicals and chemical products	1,037,308	8,732,993	540,989	22,783,890	22,063,447	9,315,389,173	4,723,532	12,675,414
Manufacture of pharmaceuticals, medicinal chemical and botanical products	245,994	4,691,864	148,753	125,754,913	7,245,849,924	142,739,335	4,836,483	5,805,042
Manufacture of rubber and plastics products	31,781	19,207,817	99,704,909	118,655,312	32,551,671	279,193,540	8,577,733	3,783,616
Manufacture of other non-metallic mineral products	257,285	7,024,078	799,702	41,759,007	31,645,937	41,297,301	4,016,003	4,977,011
Manufacture of basic metals	210,460	12,337,449	654,480	82,272,590	6,744,216	124,582,725	3,131,245	703,997
Manufacture of fabricated metal products, except machinery and equipment	2,096,958	31,629,362	16,289,705	164,156,663	24,610,004	11,292,136,946	11,257,129	3,321,431
Manufacture of computer, electronic and optical products	19,510	0	219	52,567	183,632	2,452,969	160,022	27,942
Manufacture of electrical equipment	680	11,937,560	3,169,142	2,231,155	1,281,431	57,742,039	233,232	31,960
Manufacture of machinery and equipment n.e.c.	775,638	50,000	149,250	3,431,505	1,768,032	88,429,313	78,482	38,245
Manufacture of motor vehicles, trailers and semi-trailers	400	0	276,859	554,706	288,464	570,913	12,417	1,904
Manufacture of other transport equipment	143	0	1,000	94,287	7,361	107,252	8,777	375,757
Manufacture of furniture	293,680	5,959,747	382,843	61,213,375	75,511,801	86,729,134	12,762,170	357,621
Other manufacturing	556,004	5,877,626	24,889	1,942,038	2,409,301	4,807,072	848,933	199,707
Repair and installation of machinery and equipment	50,992	854,047	34,887	8,718,048	5,343,761	12,895,089	849,837	750,560

Table A6c: Value of fixed asset at the end of year in the industry sector (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	246,763	11,494,985	1,714,686,050	2,397,737,614	252,501,835	7,281,047,332	55,497,535	9,024,090
Electricity, gas, steam and air conditioning supply	246,763	11,494,985	1,714,686,050	2,397,737,614	252,501,835	7,281,047,332	55,497,535	9,024,090
Water supply; sewerage, waste management	9,613,232	286,981,053	248,723,175	77,724,755	620,156,558	631,512,881	119,128,340	44,459,498
Water collection, treatment and supply	5,141,752	284,420,409	246,610,247	5,750,340	112,304,762	242,605,780	5,261,096	10,763,522
Sewerage	0	31,500	0	0	279,668	55,059	868,754	11,888
Waste collection, treatment and disposal activities; materials recovery	4,471,480	2,529,144	2,112,928	71,974,414	507,572,128	388,852,042	112,998,490	33,684,088
Construction	3,603,289	567,222,208	111,252,218	235,730,727	405,862,063	2,078,851,887	57,208,281	33,719,411
Construction of buildings	391,378	483,773,639	95,999,412	160,695,747	175,545,377	364,847,835	23,606,234	25,302,144
Civil engineering	2,962,973	76,477,820	14,844,691	63,072,659	186,301,387	1,649,592,483	26,090,349	5,750,895
Specialized construction activities	248,938	6,970,748	408,114	11,962,321	44,015,300	64,411,569	7,511,698	2,666,372

Table A6d: Value of fixed asset at the end of year in the industry sector in Western region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Western - All Sectors	44,361,549	95,077,695	150,022,510	671,324,811	2,085,840,300	13,159,548,915	133,719,739	176,361,167
Industry Sector	36,434,206	22,626,960	95,302,407	246,057,845	194,417,834	13,002,879,350	54,630,441	141,782,875
Mining and quarrying	34,637,642	741,829	67,350,357	105,530,659	89,623,535	12,036,883,761	31,619,081	114,430,286
Extraction of crude petroleum and natural gas	2,066,927	0	39,200,943	1,959,052	5,612,889	9,800,355,622	9,335,375	3,134,553
Mining of metal ores	32,570,715	37,000	27,975,599	103,435,559	66,594,082	2,152,296,969	20,678,237	91,827,533
Other mining and quarrying	0	597,289	0	0	467,724	13,320,876	243,730	401,963
Mining support service activities	0	107,540	173,815	136,048	16,948,840	70,910,295	1,361,739	19,066,237
Manufacturing	1,743,844	17,592,685	26,251,919	78,814,446	52,170,093	182,902,300	21,842,250	26,823,117
Manufacture of food products	0	16,254,559	25,186,342	22,367,899	4,178,238	106,443,474	16,809,542	25,452,655
Manufacture of beverages	92	0	229,411	1,267,627	3,401,649	1,830,987	119,878	28,622
Manufacture of textiles	240	0	0	98,574	304	18,069	9,974	3,772
Manufacture of wearing apparel	676	0	0	2,803,145	0	4,460,431	417,967	15,405
Manufacture of leather and related products	1,900	0	0	99,532	37,713	42,074	9,799	6,103
Manufacture of wood and of products of wood and cork, except furniture;	87,998	12,468	45,389	21,750,924	22,004,687	23,550,570	548,614	685,989
Manufacture of paper and paper products	0	0	0	0	80,000	73,600	3,200	0
Printing and reproduction of recorded media	2,811	6,300	352,588	30,931	137,802	315,210	72,820	22,742
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	16,000	13,800	0	534,154	1,236	654
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	57,600	22,205	243	0
Manufacture of rubber and plastics products	0	175,000	0	22,749,294	15,996,688	6,852,607	2,592,483	0
Manufacture of other non-metallic mineral products	180	336,447	25,000	2,963,590	1,674,380	18,002,678	58,042	91,188
Manufacture of basic metals	0	0	140,000	10,152	7,650	95,384	22,846	16,400
Manufacture of fabricated metal products, except machinery and equipment	1,643,275	746,910	45,229	953,860	3,340,805	14,854,322	980,524	96,479
Manufacture of computer, electronic and optical products	0	0	0	920	0	172	270	95
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	52,924	6,400	120,313	2,172	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	158,000	36,025	1,500	286,132	544	420
Manufacture of other transport equipment	0	0	0	0	0	7,360	0	375,390
Manufacture of furniture	1,934	0	53,960	3,508,307	874,068	5,130,811	136,272	15,037
Other manufacturing	0	0	0	1,909	13,705	6,672	10,279	0
Repair and installation of machinery and equipment	4,738	61,001	0	105,033	356,903	255,077	45,545	12,166

Table A6d: Value of fixed asset at the end of year in the industry sector in Western region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	17,486	2,266,275	1,686,114	59,146,797	16,192,919	765,505,644	170,477	19,890
Electricity, gas, steam and air conditioning supply	17,486	2,266,275	1,686,114	59,146,797	16,192,919	765,505,644	170,477	19,890
Water supply; sewerage, waste management	30,855	0	0	0	27,157,595	223,863	166,099	17,815
Water collection, treatment and supply	11,655	0	0	0	26,332,148	169,728	162,610	12,110
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	19,200	0	0	0	825,447	54,135	3,489	5,705
Construction	4,379	2,026,171	14,017	2,565,943	9,273,692	17,363,782	832,534	491,767
Construction of buildings	3,740	362,099	14,017	1,691,260	7,004,227	1,855,242	428,662	105,994
Civil engineering	0	1,590,452	0	93,204	1,620,408	15,137,905	104,596	89,173
Specialized construction activities	639	73,620	0	781,480	649,058	370,635	299,275	296,600

Table A6e: Value of fixed asset at the end of year in the industry sector in Central region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Central - All Sectors	2,445,492	101,846,839	57,708,720	3,610,120,994	2,849,856,619	680,511,810	81,246,663	74,809,107
Industry Sector	756,488	14,494,224	2,610,309	62,930,952	23,208,234	625,845,304	5,978,490	56,519,275
Mining and quarrying	0	357,500	0	1,240,900	8,153,053	17,707,107	94,299	55,245,020
Extraction of crude petroleum and natural gas	0	0	0	0	490,000	379,490	83,603	55,244,000
Mining of metal ores	0	30,000	0	0	37,500	117,800	0	0
Other mining and quarrying	0	327,500	0	1,240,900	7,625,553	17,209,817	10,696	1,020
Mining support service activities	0	0	0	0	0	0	0	0
Manufacturing	709,366	11,433,152	2,339,837	41,140,036	10,860,439	37,626,109	2,005,782	1,234,433
Manufacture of food products	2,800	7,124,186	1,895,625	9,630,500	2,137,772	9,391,965	371,513	545,711
Manufacture of beverages	923	147,450	21,108	1,663,348	2,484,082	14,193,408	77,228	357,981
Manufacture of textiles	0	0	0	24,408	99	124,972	31,694	36
Manufacture of wearing apparel	0	0	2,750	11,071,101	272,526	4,033,014	504,953	31,869
Manufacture of leather and related products	0	0	2,667	46,753	18,000	30,678	9,322	3,593
Manufacture of wood and of products of wood and cork, except furniture;	0	60,700	55,753	1,874,556	113,245	781,468	21,767	3,734
Manufacture of paper and paper products	2,453	0	0	2,844,090	94,725	159,012	6,334	15,651
Printing and reproduction of recorded media	1,861	0	0	55,358	17,281	402,931	114,884	174,358
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	690,695	4,079,116	0	10,692,704	3,944,571	5,496,506	589,440	3,701
Manufacture of pharmaceuticals, medicinal chemical and botanical products	9,000	20,000	0	23,893	356,383	177,325	5,825	976
Manufacture of rubber and plastics products	0	0	0	1,416	0	1,058	200	0
Manufacture of other non-metallic mineral products	0	0	96,344	834,104	844,249	356,020	48,678	38,280
Manufacture of basic metals	1,600	0	2,450	53,710	0	16,984	39,166	3,911
Manufacture of fabricated metal products, except machinery and equipment	0	0	258,804	619,325	289,347	1,048,840	45,925	28,305
Manufacture of computer, electronic and optical products	0	0	0	5,152	800	1,067	482	898
Manufacture of electrical equipment	0	0	0	0	0	10,691	217	0
Manufacture of machinery and equipment n.e.c.	0	0	0	313,097	148,238	614,376	17,908	3,984
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	62,228	0	19,247	145	0
Manufacture of other transport equipment	0	0	0	0	0	800	850	0
Manufacture of furniture	35	0	1,845	949,201	122,117	661,491	90,650	17,690
Other manufacturing	0	0	2,491	288,341	0	48,649	20,136	1,613
Repair and installation of machinery and equipment	0	1,700	0	86,749	17,005	55,607	8,466	2,141

Table A6e: Value of fixed asset at the end of year in the industry sector in Central region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	12,356,010	120,000	316,907,711	3,423,384	6,720
Electricity, gas, steam and air conditioning supply	0	0	0	12,356,010	120,000	316,907,711	3,423,384	6,720
Water supply; sewerage, waste management	22,000	2,200	0	495,520	198,140	351,029	11,289	600
Water collection, treatment and supply	22,000	2,200	0	495,520	198,140	351,029	11,289	600
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction	25,121	2,701,372	270,471	7,698,486	3,876,602	253,253,348	443,736	32,502
Construction of buildings	19,403	1,684,530	270,471	7,187,282	2,358,408	3,106,279	425,759	24,348
Civil engineering	5,719	1,000,000	0	324,485	1,454,689	250,061,364	10,713	6,513
Specialized construction activities	0	16,842	0	186,718	63,505	85,705	7,264	1,641

Table A6f: Value of fixed asset at the end of year in the industry sector in Greater Accra region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Greater Accra - All Sectors	1,249,064,815	17,263,659,015	6,888,397,825	15,411,826,978	6,580,757,883	68,058,423,410	3,133,741,431	1,766,954,137
Industry Sector	553,338,558	15,878,671,943	5,986,131,702	3,681,908,825	2,892,425,391	57,062,025,597	693,577,299	321,351,593
Mining and quarrying	535,623,415	14,856,329,900	578,296,665	87,406,843	1,652,517,556	37,637,446,089	440,668,188	24,774,288
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	87,624	7,652,010	0	632,662	6,126,756	41,107,925	337,818	966,722
Other mining and quarrying	173,438	27,215,508	1,829,580	22,845,625	57,919,537	41,575,923	1,134,050	198,757
Mining support service activities	535,362,353	14,821,462,383	576,467,085	63,928,556	1,588,471,263	37,554,762,241	439,196,320	23,608,809
Manufacturing	7,704,290	182,267,903	3,439,480,734	1,122,629,493	239,657,327	13,442,702,550	70,191,988	212,799,868
Manufacture of food products	1,095,163	4,953,604	53,560,182	212,002,450	36,605,139	208,968,832	8,860,567	51,450,431
Manufacture of beverages	3,113,569	12,319,107	118,985	78,917,282	23,767,032	486,977,305	9,102,599	100,063,203
Manufacture of textiles	56,703	2,622,831	0	19,591,256	1,153,648	15,190,221	287,383	300,401
Manufacture of wearing apparel	274,269	0	17,392,819	112,173,884	1,878,476	29,952,029	4,887,186	1,015,895
Manufacture of leather and related products	2,473	895,404	0	2,476,013	1,184,578	832,023	246,825	7,696
Manufacture of wood and of products of wood and cork, except furniture;	5,928	53,335,348	416,831	50,999,142	1,788,837	38,014,590	276,545	769,279
Manufacture of paper and paper products	53,060	713,772	27,920,281	18,439,673	7,329,253	64,057,943	984,162	28,123,098
Printing and reproduction of recorded media	244,469	982,648	3,223,275,896	118,423,921	11,396,714	75,384,373	5,617,560	1,651,091
Manufacture of coke and refined petroleum products	720	10,181,041	1,511	23,666,897	164,618	24,628,737	68,477	17,231
Manufacture of chemicals and chemical products	346,353	4,593,877	518,194	10,370,603	17,667,505	9,308,924,457	4,075,129	12,638,305
Manufacture of pharmaceuticals, medicinal chemical and botanical products	230,579	4,068,257	0	97,645,451	2,409,664	109,713,638	1,541,497	4,321,566
Manufacture of rubber and plastics products	31,600	18,960,817	99,687,009	95,258,028	16,551,998	272,241,740	5,979,655	3,773,138
Manufacture of other non-metallic mineral products	227,931	6,255,281	319,837	28,163,641	24,886,549	18,320,344	3,695,271	4,329,373
Manufacture of basic metals	208,860	12,337,449	400,250	56,773,392	6,294,304	123,959,686	2,213,217	658,008
Manufacture of fabricated metal products, except Machinery and equipment	428,863	26,025,309	12,640,305	143,204,902	12,082,597	2,425,497,447	9,066,837	2,864,347
Manufacture of computer, electronic and optical products	18,935	0	0	13,133	178,497	2,408,205	124,189	21,127
Manufacture of electrical equipment	680	11,937,560	3,169,142	2,065,762	1,262,207	57,708,561	228,586	31,960
Manufacture of machinery and equipment n.e.c.	762,698	50,000	0	1,879,224	1,155,616	86,628,370	40,828	31,211
Manufacture of motor vehicles, trailers and semi-trailers	0	0	1,570	282,351	59,716	100,048	2,328	0
Manufacture of other transport equipment	0	0	0	0	5,091	9,124	3,099	320
Manufacture of furniture	24,270	5,952,247	22,995	42,193,800	66,583,881	77,683,513	11,579,665	201,361
Other manufacturing	555,564	5,877,626	40	946,678	1,777,285	4,416,458	751,353	183,227
Repair and installation of machinery and equipment	21,602	205,724	34,887	7,142,010	3,474,122	11,084,906	559,030	347,601

Table A6f: Value of fixed asset at the end of year in the industry sector in Greater Accra region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	226,225	5,747,400	1,712,999,936	2,209,795,919	204,490,352	3,781,365,057	16,993,285	8,988,329
Electricity, gas, steam and air conditioning supply	226,225	5,747,400	1,712,999,936	2,209,795,919	204,490,352	3,781,365,057	16,993,285	8,988,329
Water supply; sewerage, waste management	8,127,570	285,593,216	222,844,002	72,289,524	568,735,787	579,087,395	113,515,700	43,076,015
Water collection, treatment and supply	3,677,143	283,200,571	220,800,000	897,008	66,967,100	191,668,261	518,356	10,392,933
Sewerage	0	31,500	0	0	279,668	55,059	868,354	11,888
Waste collection, treatment and disposal activities; materials recovery	4,450,427	2,361,144	2,044,002	71,392,516	501,489,019	387,364,075	112,128,990	32,671,194
Construction	1,657,059	548,733,524	32,510,365	189,787,047	227,024,368	1,621,424,505	52,208,137	31,713,094
Construction of buildings	346,835	476,494,287	19,518,869	135,389,847	128,100,943	321,826,620	20,695,189	24,521,271
Civil engineering	1,088,303	65,694,107	12,917,047	44,399,188	65,387,966	1,237,343,132	24,852,415	4,997,952
Specialized construction activities	221,920	6,545,130	74,449	9,998,012	33,535,459	62,254,753	6,660,533	2,193,871

Table A6g: Value of fixed asset at the end of year in the industry sector in Volta region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Volta - All Sectors	13,629,548	25,949,003	13,923,681	799,853,125	988,588,984	443,471,853	135,613,144	10,233,003
Industry Sector	1,060,204	3,424,756	6,125,878	63,508,546	34,045,416	373,392,095	31,801,540	917,541
Mining and quarrying	0	35,660	83,310	733,531	1,328,008	2,077,087	51,246	2,684
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0	0
Other mining and quarrying	0	35,660	83,310	733,531	1,328,008	2,077,087	51,246	2,684
Mining support service activities	0	0	0	0	0	0	0	0
Manufacturing	34,309	1,959,904	3,057,139	40,212,246	11,238,444	42,594,625	1,722,827	669,073
Manufacture of food products	760	0	15,806	4,653,608	619,720	4,035,073	140,583	167,812
Manufacture of beverages	0	949,168	2,527,983	22,348,484	4,609,508	30,515,108	371,680	71,872
Manufacture of textiles	232	0	0	1,514,371	269,045	247,683	55,630	21,047
Manufacture of wearing apparel	20,795	6,000	120,073	5,188,178	0	2,763,659	648,631	5,310
Manufacture of leather and related products	2,195	0	5,727	540,316	2,062	19,492	20,314	861
Manufacture of wood and of products of wood and cork, except furniture;	3,078	2,100	115,010	624,699	929,222	2,565,109	115,845	6,848
Manufacture of paper and paper products	0	0	2,000	555,200	78,960	17,720	4,000	120
Printing and reproduction of recorded media	2,093	13,486	94,689	539,406	66,764	536,047	77,307	228,385
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	70,014	18,000	1,350	144	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	1,400	5,690	0	1,424	2,414	660
Manufacture of rubber and plastics products	0	0	1,900	8,200	0	4,480	1,092	0
Manufacture of other non-metallic mineral products	4,450	432,350	30,432	2,246,306	1,229,325	454,461	93,676	51,663
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	1,158	262,594	826,946	329,245	23,295	5,715
Manufacture of computer, electronic and optical products	90	0	75	3,521	1,330	14,967	2,872	1,155
Manufacture of electrical equipment	0	0	0	46,980	0	11,820	2,037	0
Manufacture of machinery and equipment n.e.c.	375	0	131,250	271,216	10,120	225,647	6,500	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	2,718	0	2,591	160	0
Manufacture of other transport equipment	143	0	1,000	76,891	1,310	60,782	4,226	42
Manufacture of furniture	98	0	8,637	941,505	2,214,641	434,310	86,467	14,197
Other manufacturing	0	0	0	15,832	5,100	26,985	331	1,065
Repair and installation of machinery and equipment	0	556,800	0	296,518	356,391	326,674	65,623	92,321

Table A6g: Value of fixed asset at the end of year in the industry sector in Volta region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	14,480,750	8,096,319	316,990,000	25,647,750	0
Electricity, gas, steam and air conditioning supply	0	0	0	14,480,750	8,096,319	316,990,000	25,647,750	0
Water supply; sewerage, waste management	1,023,608	13,020	5,874	1,331,849	4,723,602	759,651	3,520,927	12,647
Water collection, treatment and supply	1,023,400	11,020	2,760	1,325,396	4,497,800	734,429	2,851,919	2,700
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	208	2,000	3,114	6,453	225,802	25,223	669,008	9,947
Construction	2,287	1,416,173	2,979,555	6,750,169	8,659,042	10,970,732	858,790	233,136
Construction of buildings	183	984,934	2,979,555	4,442,761	5,607,315	7,043,381	804,610	212,625
Civil engineering	600	406,250	0	2,095,382	3,016,310	3,790,804	41,481	16,160
Specialized construction activities	1,504	24,989	0	212,025	35,417	136,547	12,699	4,352

Table A6h: Value of fixed asset at the end of year in the industry sector in Eastern region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Eastern - All Sectors	3,709,084	60,665,516	53,934,486	760,804,633	7,416,170,043	769,459,213	61,776,461	23,527,557
Industry Sector	565,455	5,886,880	34,746,695	157,021,565	7,286,900,826	679,919,458	9,789,860	5,621,299
Mining and quarrying	14,580	1,467,578	5,102,115	3,074,872	6,352,797	36,179,257	405,587	237,475
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	5,980	414,990	4,857,387	1,311,686	2,226,322	20,896,341	181,608	196,731
Other mining and quarrying	8,600	1,052,588	244,728	1,763,186	4,126,475	15,282,916	223,979	40,744
Mining support service activities	0	0	0	0	0	0	0	0
Manufacturing	517,954	1,096,407	3,575,657	137,627,042	7,261,269,309	257,981,654	6,316,482	5,146,929
Manufacture of food products	159,754	83,029	539,364	73,948,044	3,731,728	129,702,592	198,692	1,527,890
Manufacture of beverages	151,665	0	179,000	13,088,876	11,781,950	17,381,890	1,021,825	740,808
Manufacture of textiles	0	0	0	9,784,760	507,912	3,587,363	77,804	16,824
Manufacture of wearing apparel	0	0	63,844	2,442,782	0	1,886,218	705,119	568,614
Manufacture of leather and related products	489	0	0	39,077	663	36,748	11,894	38
Manufacture of wood and of products of wood and cork, except furniture;	0	285,007	226,320	2,934,660	1,621,234	74,846,857	834,463	457,430
Manufacture of paper and paper products	0	136,709	2,118,604	1,319,594	69,487	105,367	3,571	0
Printing and reproduction of recorded media	2,414	7,855	0	81,103	58,532	972,638	170,625	230,749
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	50,226	208,087	40,511	10,325	1,388
Manufacture of pharmaceuticals, medicinal chemical and botanical products	715	583,807	0	22,018,457	7,242,038,360	25,966,890	3,034,582	1,474,818
Manufacture of rubber and plastics products	0	0	16,000	0	0	0	180	0
Manufacture of other non-metallic mineral products	19,000	0	313,879	5,805,510	542,272	837,663	27,976	92,661
Manufacture of basic metals	0	0	111,780	1,355,243	0	43,055	27,340	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	5,372	289,535	567,479	1,290,657	34,318	255
Manufacture of computer, electronic and optical products	0	0	0	5,318	0	8,072	26,726	1,360
Manufacture of electrical equipment	0	0	0	1,140	0	0	0	0
Manufacture of machinery and equipment n.e.c.	8,115	0	0	362,075	62,286	188,309	2,757	1,700
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	7,520	0	20,064	35	0
Manufacture of other transport equipment	0	0	0	1,268	0	744	0	5
Manufacture of furniture	175,361	0	1,493	3,848,706	74,431	791,109	104,621	11,259
Other manufacturing	440	0	0	159,439	4,887	226,249	19,350	13,630
Repair and installation of machinery and equipment	0	0	0	83,708	0	48,657	4,279	7,501

Table A6h: Value of fixed asset at the end of year in the industry sector in Eastern region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	14,798,400	6,988,150	380,300,000	2,849,150	460
Electricity, gas, steam and air conditioning supply	0	0	0	14,798,400	6,988,150	380,300,000	2,849,150	460
Water supply; sewerage, waste management	6,023	254,000	25,779,200	1,131,586	1,304,895	912,968	49,222	60,248
Water collection, treatment and supply	5,123	254,000	25,760,000	1,075,156	280,643	540,531	45,424	39,528
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	900	0	19,200	56,430	1,024,252	372,437	3,798	20,720
Construction	26,899	3,068,896	289,724	389,665	10,985,675	4,545,579	169,419	176,186
Construction of buildings	1,000	2,951,896	0	329,000	1,092,061	1,445,332	53,279	10,157
Civil engineering	6,215	111,000	7,560	6,000	7,061,084	3,072,982	89,742	158,793
Specialized construction activities	19,684	6,000	282,164	54,665	2,832,530	27,265	26,398	7,236

Table A6i: Value of fixed asset at the end of year in the industry sector in Ashanti region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Ashanti - All Sectors	18,244,527	309,048,213	378,734,942	2,996,221,773	3,954,278,495	11,745,592,337	180,655,237	118,877,017
Industry Sector	4,768,816	14,793,453	309,153,683	812,920,419	210,646,452	11,312,019,017	46,686,931	16,513,019
Mining and quarrying	4,020,281	5,444,982	217,183,508	333,421,591	106,673,820	483,674,057	26,295,123	5,556,473
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	4,010,284	177,900	216,673,536	325,524,441	102,678,849	426,908,062	26,173,050	5,477,241
Other mining and quarrying	9,997	5,267,082	509,972	7,897,150	3,994,971	56,765,995	122,073	79,232
Mining support service activities	0	0	0	0	0	0	0	0
Manufacturing	726,948	8,133,318	17,132,231	407,725,950	63,404,901	9,034,729,223	10,729,703	9,702,487
Manufacture of food products	22,144	705,218	4,299,852	55,617,923	10,088,164	85,776,652	1,091,242	535,014
Manufacture of beverages	5,850	1,847,172	2,038,160	18,873,868	22,314,734	39,177,728	1,360,556	256,267
Manufacture of textiles	0	29,741	0	335,521	482,424	951,538	102,487	848
Manufacture of wearing apparel	526,827	389,722	6,847,573	245,256,035	4,259,613	6,809,455	3,933,725	808,739
Manufacture of leather and related products	24,274	0	8,201	2,375,743	12,571	1,010,435	228,111	109,106
Manufacture of wood and of products of wood and cork, except furniture;	18,646	145,700	72,116	25,045,164	9,644,141	14,013,086	1,282,802	6,514,137
Manufacture of paper and paper products	7,175	0	0	9,699	408,937	12,937,055	74,683	21,677
Printing and reproduction of recorded media	27,275	50,000	58,500	2,917,151	1,490,705	20,761,261	496,622	703,647
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	1,542	732
Manufacture of chemicals and chemical products	0	60,000	5,795	1,024,704	160,017	346,990	23,076	9,946
Manufacture of pharmaceuticals, medicinal chemical and botanical products	5,640	19,800	147,353	5,739,423	953,238	6,724,965	227,814	6,722
Manufacture of rubber and plastics products	132	0	0	559,397	0	21,744	3,056	10,406
Manufacture of other non-metallic mineral products	5,486	0	0	1,262,701	1,870,651	439,934	39,825	200,280
Manufacture of basic metals	0	0	0	24,074,833	432,416	450,734	827,083	25,122
Manufacture of fabricated metal products, except machinery and equipment	15,105	4,857,143	3,302,150	16,501,222	5,719,305	8,843,152,799	417,315	232,615
Manufacture of computer, electronic and optical products	245	0	0	17,186	0	19,501	3,038	1,421
Manufacture of electrical equipment	0	0	0	103,780	13,500	4,050	617	0
Manufacture of machinery and equipment n.e.c.	510	0	0	147,917	40,800	90,040	150	0
Manufacture of motor vehicles, trailers and semi-trailers	400	0	116,239	146,556	212,540	139,560	6,149	1,460
Manufacture of other transport equipment	0	0	0	0	0	3,000	56	0
Manufacture of furniture	54,955	0	213,933	6,986,622	4,347,031	928,293	430,519	20,861
Other manufacturing	0	0	22,358	443,219	578,875	59,078	43,046	172
Repair and installation of machinery and equipment	12,284	28,821	0	287,288	375,240	911,325	136,187	243,314

Table A6i: Value of fixed asset at the end of year in the industry sector in Ashanti region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	66,532,048	8,373,780	1,711,065,184	6,392,088	0
Electricity, gas, steam and air conditioning supply	0	0	0	66,532,048	8,373,780	1,711,065,184	6,392,088	0
Water supply; sewerage, waste management	475	211,429	46,612	348,326	3,055,646	8,923,858	1,502,318	922,550
Water collection, treatment and supply	0	111,429	0	223,067	1,179,974	8,672,873	1,448,670	3,002
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	475	100,000	46,612	125,259	1,875,672	250,985	53,648	919,548
Construction	21,112	1,003,725	74,791,332	4,892,504	29,138,305	73,626,695	1,767,699	331,509
Construction of buildings	13,731	773,725	73,203,435	2,372,410	23,363,587	22,506,644	842,868	122,542
Civil engineering	6,310	0	1,580,297	2,183,292	4,665,259	49,869,573	701,946	106,290
Specialized construction activities	1,071	230,000	7,600	336,802	1,109,459	1,250,478	222,885	102,677

Table A6j: Value of fixed asset at the end of year in the industry sector in Brong Ahafo region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Brong Ahafo - All Sectors	3,621,325	151,818,284	25,002,786	1,123,422,851	160,086,411	746,554,903	76,089,483	49,182,023
Industry Sector	138,981	112,412,325	240,660	82,362,664	25,310,196	198,666,583	4,565,257	15,736,295
Mining and quarrying	19,141	100,440,820	4,900	768,103	6,296,503	75,978,627	122,526	13,555,675
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	19,141	390,820	0	155,518	4,892,098	13,734,097	85,487	35,955
Other mining and quarrying	0	100,050,000	4,900	612,585	1,404,405	62,244,530	37,039	13,519,720
Mining support service activities	0	0	0	0	0	0	0	0
Manufacturing	42,394	11,739,288	204,521	79,208,800	14,792,317	113,413,664	4,054,703	1,681,248
Manufacture of food products	0	1,200,288	48,633	52,726,639	3,493,334	99,757,018	2,100,195	395,102
Manufacture of beverages	5,157	0	10,167	1,881,723	3,305,547	183,009	43,235	17,105
Manufacture of textiles	0	0	500	16,124	400	1,584	18,831	2,000
Manufacture of wearing apparel	3,426	36,000	6,403	1,703,287	250,121	487,045	891,390	115,419
Manufacture of leather and related products	196	0	4,123	65,108	24,024	10,459	18,399	4,667
Manufacture of wood and of products of wood and cork, except furniture;	1,075	10,390,000	13,125	18,282,809	4,152,825	9,564,680	130,500	632,005
Manufacture of paper and paper products	60	3,000	19,200	50,400	77,350	10,872	4,955	224
Printing and reproduction of recorded media	7,519	38,000	947	152,254	119,319	136,434	81,605	201,899
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	260	0	1,000	537,950	51,564	15,767	19,304	196
Manufacture of pharmaceuticals, medicinal chemical and botanical products	60	0	0	322,000	33,600	131,928	24,000	300
Manufacture of rubber and plastics products	49	72,000	0	62,556	0	0	611	0
Manufacture of other non-metallic mineral products	0	0	10,160	100,358	519,063	2,365,986	24,504	168,620
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	5,870	0	14,690	514,690	976,219	352,999	443,253	45,311
Manufacture of computer, electronic and optical products	240	0	144	6,696	1,320	276	2,163	1,680
Manufacture of electrical equipment	0	0	0	0	0	0	293	0
Manufacture of machinery and equipment n.e.c.	3,400	0	18,000	288,453	328,500	55,088	4,704	1,000
Manufacture of motor vehicles, trailers and semi-trailers	0	0	700	13,779	788	315	1,597	24
Manufacture of other transport equipment	0	0	0	1,240	0	0	0	0
Manufacture of furniture	2,714	0	56,729	1,840,473	748,339	232,513	222,667	65,044
Other manufacturing	0	0	0	78,818	29,119	239	4,119	0
Repair and installation of machinery and equipment	12,368	0	0	563,442	680,887	107,449	18,378	30,651

Table A6j: Value of fixed asset at the end of year in the industry sector in Brong Ahafo region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	971	0	0	17,100	31,430	0	0	720
Electricity, gas, steam and air conditioning supply	971	0	0	17,100	31,430	0	0	720
Water supply; sewerage, waste management	72,355	109,750	19,087	1,761,719	844,772	4,092,629	69,778	302,344
Water collection, treatment and supply	72,355	49,750	19,087	1,634,369	738,402	4,042,865	65,982	299,050
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	60,000	0	127,350	106,370	49,764	3,796	3,294
Construction	4,120	122,467	12,152	606,943	3,345,173	5,181,663	318,250	196,309
Construction of buildings	0	84,300	0	316,827	2,410,188	3,440,693	247,170	77,987
Civil engineering	0	0	0	188,730	329,100	1,593,385	8,125	67,050
Specialized construction activities	4,120	38,167	12,152	101,386	605,885	147,585	62,955	51,272

Table A6k: Value of fixed asset at the end of year in the industry sector in Northern region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Northern - All Sectors	3,922,679	44,779,278	9,914,033	473,838,528	251,898,957	159,897,284	72,888,295	16,344,997
Industry Sector	1,897,218	12,000,237	531,277	45,055,837	118,203,826	113,544,021	1,707,004	489,112
Mining and quarrying	0	0	0	4,200	0	577	9,900	840
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0	0
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	4,200	0	577	9,900	840
Manufacturing	11,948	91,945	204,877	11,522,493	3,317,074	15,649,687	1,112,480	139,845
Manufacture of food products	1,252	61,171	21,512	5,621,729	969,884	6,350,694	202,278	3,596
Manufacture of beverages	0	0	6,500	397,283	622,783	875,133	43,104	27,623
Manufacture of textiles	110	0	0	63,918	4,920	42,458	4,901	4,180
Manufacture of wearing apparel	9,067	2,274	152,944	3,814,942	779,254	2,663,664	543,123	1,903
Manufacture of leather and related products	60	0	0	9,568	1,696	12,204	3,468	33
Manufacture of wood and of products of wood and cork, except furniture;	0	27,000	0	68,465	13,207	223,222	16,589	8,811
Manufacture of paper and paper products	0	0	0	2,300	0	2,244	54	0
Printing and reproduction of recorded media	0	1,500	0	51,882	43,160	226,850	41,967	67,204
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	1,941	10,044	21,494	3,566	2,221
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	1,080	960	108	0
Manufacture of rubber and plastics products	0	0	0	16,102	2,265	71,194	300	72
Manufacture of other non-metallic mineral products	0	0	3,600	362,577	32,574	243,102	24,152	4,806
Manufacture of basic metals	0	0	0	0	816	6,046	1,380	0
Manufacture of fabricated metal products, except machinery and equipment	1,459	0	12,616	431,185	468,199	4,140,821	156,525	8,530
Manufacture of computer, electronic and optical products	0	0	0	30	0	124	10	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	45,230	3,870	311,159	3,089	350
Manufacture of motor vehicles, trailers and semi-trailers	0	0	350	2,760	13,920	1,927	935	0
Manufacture of other transport equipment	0	0	0	8,486	0	9,812	88	0
Manufacture of furniture	0	0	7,355	515,389	319,935	419,244	61,142	202
Other manufacturing	0	0	0	7,800	330	13,542	54	0
Repair and installation of machinery and equipment	0	0	0	100,906	29,137	13,794	5,649	10,314

Table A6k: Value of fixed asset at the end of year in the industry sector in Northern region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	1,796	3,481,310	0	20,607,390	8,204,728	8,913,136	16,305	4,405
Electricity, gas, steam and air conditioning supply	1,796	3,481,310	0	20,607,390	8,204,728	8,913,136	16,305	4,405
Water supply; sewerage, waste management	24,356	797,439	0	340,328	4,884,653	16,458,082	134,997	38,209
Water collection, treatment and supply	24,356	791,439	0	73,922	3,182,965	15,741,986	21,670	11,999
Sewerage	0	0	0	0	0	0	400	0
Waste collection, treatment and disposal activities; materials recovery	0	6,000	0	266,406	1,701,688	716,096	112,927	26,210
Construction	1,859,118	7,629,543	326,400	12,581,426	101,797,370	72,522,539	433,323	305,813
Construction of buildings	4,663	33,650	0	23,253	766,211	185,335	22,895	3,843
Civil engineering	1,854,455	7,559,893	326,400	12,361,723	96,015,301	72,303,234	224,065	301,771
Specialized construction activities	0	36,000	0	196,450	5,015,858	33,971	186,363	200

Table A6I: Value of fixed asset at the end of year in the industry sector in Upper East region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Upper East - All Sectors	509,713	4,165,712	2,374,521	156,721,434	56,425,531	39,372,888	7,704,746	4,480,903
Industry Sector	18,186	575,215	79,813	10,545,442	13,088,432	11,699,756	688,941	334,640
Mining and quarrying	1,219	286,150	0	3,650,580	593,879	4,007,273	163,395	167,869
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	1,219	285,250	0	3,565,585	593,222	898,056	148,363	159,462
Other mining and quarrying	0	900	0	84,995	657	3,109,217	15,032	8,407
Mining support service activities	0	0	0	0	0	0	0	0
Manufacturing	15,179	124,065	52,513	6,547,819	1,963,587	4,907,872	451,794	123,570
Manufacture of food products	6,699	99,065	13,076	1,412,927	686,831	1,500,820	69,063	20,065
Manufacture of beverages	5,446	0	18,301	1,336,051	335,038	372,160	54,788	43,216
Manufacture of textiles	0	0	0	247,525	83,636	134,979	38,242	5,545
Manufacture of wearing apparel	0	24,000	7,380	2,315,195	235,666	673,424	208,541	11,844
Manufacture of leather and related products	0	0	0	10,262	1,181	2,907	1,024	50
Manufacture of wood and of products of wood and cork, except furniture	900	200	11,655	248,280	120,567	81,454	22,418	2,192
Manufacture of paper and paper products	0	0	0	288,000	81,467	584,667	5,600	6,000
Printing and reproduction of recorded media	0	800	0	8,417	3,060	6,310	1,707	1,950
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	9,790	3,652	6,171	1,029	18,189
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	320	720	717	156	0
Manufacture of other non-metallic mineral products	0	0	0	13,020	22,620	215,880	1,175	0
Manufacture of basic metals	0	0	0	0	0	4,100	0	0
Manufacture of fabricated metal products, except machinery and equipment	1,593	0	2,100	459,447	251,240	841,077	21,888	7,360
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	540	0	0	71,368	12,201	196,012	374	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	0	0
Manufacture of other transport equipment	0	0	0	1,410	960	802	458	0
Manufacture of furniture	0	0	0	113,699	114,717	282,061	20,115	7,159
Other manufacturing	0	0	0	0	0	0	0	0
Repair and installation of machinery and equipment	0	0	0	12,108	10,031	4,332	5,216	0

Table A6I: Value of fixed asset at the end of year in the industry sector in Upper East region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	285	0	0	0	4,157	0	5,000	3,566
Electricity, gas, steam and air conditioning supply	285	0	0	0	4,157	0	5,000	3,566
Water supply; sewerage, waste management	270	0	14,000	16,303	8,851,228	42,488	40,885	27,470
Water collection, treatment and supply	0	0	14,000	16,303	8,527,350	23,160	18,051	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	270	0	0	0	323,878	19,328	22,834	27,470
Construction	1,233	165,000	13,300	330,740	1,675,581	2,742,123	27,867	12,165
Construction of buildings	1,233	165,000	11,250	312,043	1,427,190	2,627,881	24,046	10,445
Civil engineering	0	0	0	1,692	172,027	57,514	652	1,120
Specialized construction activities	0	0	2,050	17,005	76,364	56,727	3,169	600

Table A6m: Value of fixed asset at the end of year in the industry sector in Upper West region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Upper West - All Sectors	552,786	7,732,466	11,221,428	96,923,734	933,102,104	55,040,341	12,447,597	2,401,299
Industry Sector	404,749	2,767,213	8,150,452	17,989,674	13,471,160	44,377,036	692,489	353,325
Mining and quarrying	0	2,394,380	20	2,552,868	852,803	2,170,305	20,264	38,301
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	2,551,868	61,471	342,077	20,183	38,301
Other mining and quarrying	0	2,394,380	20	1,000	791,332	1,828,228	81	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacturing	97,069	17,495	8,091,129	5,296,203	2,131,864	4,324,292	406,476	86,495
Manufacture of food products	0	195	7,975,188	2,140,941	520,781	2,041,173	71,318	15,415
Manufacture of beverages	61,415	0	4,555	611,170	451,610	317,699	24,296	10,783
Manufacture of textiles	0	0	10,202	46,777	16,173	39,086	15,191	625
Manufacture of wearing apparel	263	0	77,557	1,010,675	137,996	618,781	112,369	7,800
Manufacture of leather and related products	0	0	0	1,012	42	1,032	145	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	134,775	710,567	288,572	72,909	2,142
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	47	9,800	0	30,505	9,441	33,850	5,741	6,140
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	12,158	7	1,773	284	814
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	238	0	450	7,200	24,253	61,234	2,704	140
Manufacture of basic metals	0	0	0	5,260	9,030	6,736	213	556
Manufacture of fabricated metal products, except machinery and equipment	793	0	7,281	919,903	87,868	628,740	67,249	32,514
Manufacture of computer, electronic and optical products	0	0	0	611	1,685	585	271	206
Manufacture of electrical equipment	0	0	0	13,493	5,724	6,917	1,482	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	768	0	1,030	524	0
Manufacture of other transport equipment	0	0	0	4,992	0	14,828	0	0
Manufacture of furniture	34,314	7,500	15,895	315,674	112,642	165,789	30,051	4,810
Other manufacturing	0	0	0	0	0	9,200	265	0
Repair and installation of machinery and equipment	0	0	0	40,287	44,045	87,268	1,465	4,550

Table A6m: Value of fixed asset at the end of year in the industry sector in Upper West region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Electricity, gas, steam and air conditioning supply	0	0	0	3,200	0	600	96	0
Electricity, gas, steam and air conditioning supply	0	0	0	3,200	0	600	96	0
Water supply; sewerage, waste management	305,720	0	14,400	9,600	400,240	20,660,918	117,125	1,600
Water collection, treatment and supply	305,720	0	14,400	9,600	400,240	20,660,918	117,125	1,600
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction	1,961	355,338	44,903	10,127,804	10,086,253	17,220,920	148,527	226,930
Construction of buildings	590	239,220	1,815	8,631,064	3,415,247	810,428	61,758	212,933
Civil engineering	1,371	116,118	13,388	1,418,962	6,579,241	16,362,591	56,613	6,072
Specialized construction activities	0	0	29,700	77,777	91,766	47,901	30,157	7,924

Table A6n: Value of fixed asset at the end of year in the service sector

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
National - All Sectors	1,340,061,518	18,064,742,020	7,591,234,933	26,101,058,860	25,277,005,328	95,857,872,954	3,895,882,794	2,243,171,210
Services Sector	738,452,408	1,948,546,485	1,135,571,053	20,732,163,673	14,124,705,181	3,301,176,207	3,031,526,032	1,611,091,417
Wholesale and retail trade and repair of motor vehicles and motorcycles	14,254,557	714,882,395	439,497,701	2,347,019,092	1,729,124,151	1,399,027,906	212,204,037	294,562,565
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,666,816	67,380,053	26,382,776	258,796,987	90,323,489	132,649,574	17,952,059	16,652,763
Wholesale trade, except of motor vehicles and motorcycles	3,013,218	163,708,424	130,521,908	843,246,092	270,439,199	248,817,073	35,285,536	74,543,299
Retail trade, except of motor vehicles and motorcycles	9,574,524	483,793,917	282,593,017	1,244,976,013	1,368,361,463	1,017,561,259	158,966,443	203,366,503
Transportation and storage	8,917,952	54,085,418	42,451,255	608,545,708	1,571,613,014	136,895,512	22,865,310	31,939,183
Land transport and transport via pipelines	2,931,222	9,534,717	9,242,400	133,916,866	394,544,948	10,833,613	2,567,120	3,534,482
Water transport	492,692	6,000	16,367,818	7,256,141	4,337,703	5,760,909	1,104,680	1,377,896
Air transport	3,831,657	1,200,315	0	897,002	7,195,050	38,396,578	2,964,818	11,531,425
Warehousing and support activities for transportation	1,660,536	43,221,229	16,605,103	459,199,640	261,147,160	80,384,649	14,876,415	14,886,308
Postal and courier activities	1,845	123,157	235,934	7,276,059	904,388,152	1,519,763	1,352,277	609,073
Accommodation and food service activities	35,812,389	130,639,606	229,288,173	5,100,775,782	1,942,786,515	308,850,979	235,605,694	90,151,795
Accommodation	6,761,861	103,516,929	150,017,604	4,636,128,586	1,870,777,516	194,715,850	185,115,796	45,279,694
Food and beverage service activities	29,050,529	27,122,677	79,270,569	464,647,196	72,008,999	114,135,129	50,489,898	44,872,100
Information and communication	102,375,104	7,261,733	25,330,819	72,358,660	1,937,902,779	507,608,415	27,977,628	213,397,899
Publishing activities	1,313,744	721,939	902,489	14,883,434	7,774,430	21,646,648	2,381,306	3,578,187
Motion picture, video and television programme production, sound recording	125,838	36,436	1,089	11,191,956	435,006	881,712	685,425	1,467,029
Programming and broadcasting activities	1,247,108	2,366,393	7,993,452	19,976,583	914,256,780	167,658,559	6,725,639	25,425,399
Telecommunications	96,296,960	3,795,592	15,441,865	13,268,857	95,893,977	172,423,283	12,571,004	171,409,524
Computer programming, consultancy and related activities	2,959,850	257,125	851,453	10,854,052	13,533,590	141,151,403	4,120,582	7,219,257
Information service activities	431,604	84,249	140,472	2,183,777	906,008,998	3,846,809	1,493,671	4,298,503
Financial and insurance activities	547,042,871	3,455,135	174,852,490	3,553,260,633	1,116,108,601	251,334,609	1,991,838,152	801,212,759
Financial service activities, except insurance and pension funding	543,962,253	3,432,635	174,847,790	3,440,034,820	1,067,650,757	234,294,687	1,943,508,961	762,711,391
Insurance, reinsurance and pension funding, except compulsory social security	3,021,669	22,500	0	99,262,352	39,460,337	11,088,048	40,138,145	34,548,315
Activities auxiliary to financial service and insurance activities	58,950	0	4,700	13,963,461	8,997,507	5,951,874	8,191,046	3,953,054

Table A6n: Value of fixed asset at the end of year in the service sector (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Real estate activities	2,034,053	164,984,328	49,779,094	201,693,487	18,212,592	14,980,248	8,902,142	10,666,825
Real estate activities	2,034,053	164,984,328	49,779,094	201,693,487	18,212,592	14,980,248	8,902,142	10,666,825
Professional, scientific and technical activities	2,342,996	11,511,157	2,937,710	133,936,847	92,338,289	71,787,070	37,411,805	28,119,980
Legal and accounting activities	13,805	101,143	0	2,912,857	4,876,436	1,638,987	3,127,306	4,834,759
Activities of head offices; management consultancy activities	1,103,633	45,244	755,717	78,317,774	26,719,830	2,362,090	7,968,835	2,184,925
Architectural and engineering activities; technical testing and analysis	770,206	10,973,171	685,152	5,743,876	44,382,737	40,504,527	13,253,928	8,246,948
Scientific research and development	5,107	0	1,197,165	15,179,171	1,617,334	377,825	1,550,532	836,458
Advertising and market research	266,893	15,000	60,574	14,297,173	5,515,336	3,089,465	8,105,214	6,980,510
Other professional, scientific and technical activities	183,351	376,599	239,102	5,816,695	8,871,838	23,722,359	3,346,829	5,025,148
Veterinary activities	0	0	0	11,669,302	354,778	91,818	59,159	11,232
Administrative and support service activities	5,684,433	23,226,846	15,433,343	112,169,557	3,535,944,781	74,000,362	64,813,419	28,401,871
Rental and leasing activities	81,462	18,715,615	13,031,498	78,602,851	114,250,720	33,278,507	7,057,879	8,154,278
Employment activities	701,906	930,087	351,733	2,847,927	3,380,614,612	366,774	1,595,213	1,859,951
Travel agency, tour operator, reservation service and related activities	54,517	99,400	193,363	5,153,195	16,016,962	5,727,373	3,882,148	1,969,940
Security and investigation activities	4,479,726	177,648	70,548	4,786,391	14,928,818	4,759,368	4,242,036	3,660,706
Services to buildings and landscape activities	12,525	183,194	0	390,713	1,108,750	1,465,217	36,149,491	807,473
Office administrative, office support and other business support activities	354,297	3,120,902	1,786,201	20,388,481	9,024,919	28,403,122	11,886,652	11,949,523
Education	3,552,927	68,961,947	31,098,830	5,370,534,382	966,090,021	58,849,465	158,983,150	37,913,675
Education	3,552,927	68,961,947	31,098,830	5,370,534,382	966,090,021	58,849,465	158,983,150	37,913,675
Human health and social work activities	2,676,189	426,256,843	33,770,382	855,535,452	89,558,489	224,338,002	39,900,047	27,722,540
Human health activities	2,206,076	425,852,330	24,836,231	793,758,889	67,238,137	180,992,598	35,375,251	18,185,448
Residential care activities	0	0	0	32,598,512	560,117	27,212,572	455,962	4,789,049
Social work activities without accommodation	470,113	404,513	8,934,151	29,178,051	21,760,236	16,132,831	4,068,833	4,748,042
Arts, entertainment and recreation	1,030,982	11,300,396	345,343	36,224,953	904,231,093	40,465,008	11,134,011	5,283,252
Creative, arts and entertainment activities	292,319	6,692,225	70,200	23,409,432	612,265	1,793,763	372,630	981,742
Libraries, archives, museums and other cultural activities	453,080	2,929,286	1,898	6,945,762	900,578,831	684,678	2,389,697	602,760
Gambling and betting activities	121,592	91,652	215,772	1,909,875	1,477,147	10,408,750	7,606,782	3,008,955
Sports activities and amusement and recreation activities	163,991	1,587,233	57,472	3,959,884	1,562,849	27,577,817	764,902	689,796
Other service activities	12,727,953	331,980,682	90,785,914	2,340,109,118	220,794,857	213,038,631	219,890,639	41,719,073
Activities of membership organization	10,802,356	168,043,065	89,434,495	2,213,361,066	203,054,453	124,159,855	173,801,134	21,027,003
Repair of computers and personal	1,022,358	153,231,899	177,633	23,227,299	11,958,085	9,671,119	3,078,400	7,098,935
Other personal service activities	903,240	10,705,717	1,173,785	103,520,753	5,782,319	79,207,657	43,011,104	13,593,135

Table A6: Value of fixed asset at the end of year in the service sector in Western region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Western - All Sectors	44,361,549	95,077,695	150,022,510	671,324,811	2,085,840,300	13,159,548,915	133,719,739	176,361,167
Services Sector	7,859,675	65,859,111	54,646,303	422,480,205	1,890,968,023	149,697,467	78,925,296	34,530,492
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,165,075	28,546,281	5,688,591	91,215,663	103,055,123	48,636,251	19,167,485	6,954,283
Wholesale and retail trade and repair of motor vehicles and motorcycles	176,263	1,485,349	158,886	5,615,983	2,143,473	9,505,074	305,655	348,434
Wholesale trade, except of motor vehicles and motorcycles	5,780	1,251,012	1,186,432	38,155,719	11,703,811	9,966,114	6,195,291	2,672,995
Retail trade, except of motor vehicles and motorcycles	983,032	25,809,920	4,343,272	47,443,962	89,207,839	29,165,064	12,666,539	3,932,855
Transportation and storage	3,422	2,231,937	515,255	28,802,786	1,061,213,497	1,127,957	443,400	2,459,154
Land transport and transport via pipelines	0	892,369	511,680	23,309,924	155,558,329	20,118	157,741	185,269
Water transport	900	0	0	0	0	400	6,000	0
Air transport	0	0	0	0	0	630	0	0
Warehousing and support activities for transportation	722	1,339,568	3,575	5,186,874	5,628,168	1,105,729	272,898	2,263,874
Postal and courier activities	1,800	0	0	305,988	900,027,000	1,080	6,761	10,010
Accommodation and food service activities	2,217,387	17,110,914	15,879,660	66,581,627	7,841,161	43,310,736	14,501,980	6,619,549
Accommodation	1,604,091	16,549,010	14,287,422	54,764,315	4,601,699	35,505,656	11,064,623	5,101,916
Food and beverage service activities	613,296	561,904	1,592,238	11,817,312	3,239,462	7,805,079	3,437,357	1,517,633
Information and communication	190,077	1,800,207	2,622,857	4,145,861	1,678,922	9,699,553	1,087,176	1,396,983
Publishing activities	140	0	0	0	400	2,180	3,075	3,390
Motion picture, video and television programme production, sound recording	5,342	2,100	0	89,789	0	38,755	11,646	20,501
Programming and broadcasting activities	175,338	1,796,133	2,622,857	3,920,782	1,303,228	9,376,766	761,852	915,661
Telecommunications	1,783	0	0	107,223	136,542	253,290	277,746	397,723
Computer programming, consultancy and related activities	3,200	0	0	0	5,400	0	8,273	11,651
Information service activities	4,275	1,974	0	28,066	233,353	28,562	24,585	48,057
Financial and insurance activities	293,242	400,000	3,869	40,531,018	6,775,475	5,068,319	8,898,700	7,475,579
Financial service activities, except insurance and pension funding	289,581	400,000	3,869	40,438,298	6,440,159	5,025,952	8,224,202	7,298,408
Insurance, reinsurance and pension funding, except compulsory social security	3,661	0	0	92,720	313,236	40,987	661,230	15,598
Activities auxiliary to financial service and insurance activities	0	0	0	0	22,080	1,380	13,268	161,573

Table A6: Value of fixed asset at the end of year in the service sector in Western region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Real estate activities	1,758,690	1,700,000	0	0	496,340	51,099	20,744	19,257
Real estate activities	1,758,690	1,700,000	0	0	496,340	51,099	20,744	19,257
Professional, scientific and technical activities	180,788	375,190	180,244	498,938	1,586,243	2,088,762	551,228	361,681
Legal and accounting activities	2,465	0	0	0	24,830	5,393	19,727	12,468
Activities of head offices; management consultancy activities	0	0	0	85,000	60,900	302,886	61,444	6,575
Architectural and engineering activities; technical testing and analysis	172,014	370,690	165,244	0	1,402,974	997,145	273,034	121,864
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	26,000	270,560	89,442	77,408
Other professional, scientific and technical activities	6,308	4,500	15,000	413,938	71,539	512,778	107,581	143,366
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	6,235	176,376	0	478,493	1,772,958	3,175,900	2,221,626	1,890,538
Rental and leasing activities	535	53,889	0	159,600	873,247	2,528,313	449,373	240,286
Employment activities	250	18,887	0	0	367,045	2,100	449,308	339,865
Travel agency, tour operator, reservation service and related activities	0	0	0	672	2,074	56,856	20,769	27,879
Security and investigation activities	2,700	100,000	0	0	180,337	83,860	35,950	30,736
Services to buildings and landscape activities	0	0	0	0	61,933	0	4,594	955
Office administrative, office support and other business support activities	2,750	3,600	0	318,221	288,322	504,771	1,261,633	1,250,817
Education	265,020	716,538	16,638,793	59,324,509	685,512,004	755,475	11,768,572	2,933,096
Education	265,020	716,538	16,638,793	59,324,509	685,512,004	755,475	11,768,572	2,933,096
Human health and social work activities	84,261	1,278,351	4,721,295	13,211,739	1,973,109	16,737,252	3,053,943	616,781
Human health activities	84,261	1,134,351	3,539,676	11,868,953	1,965,773	16,574,342	2,558,767	611,337
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	144,000	1,181,619	1,342,785	7,336	162,910	495,176	5,444
Arts, entertainment and recreation	95,857	7,714	950	165,950	373,033	1,012,595	245,295	220,972
Creative, arts and entertainment activities	2,016	0	0	8,828	5,600	25,921	4,965	9,421
Libraries, archives, museums and other cultural activities	0	0	0	80,185	0	0	17,596	37,782
Gambling and betting activities	93,841	7,714	0	14,923	125,731	133,460	201,304	136,776
Sports activities and amusement and recreation activities	0	0	950	62,014	241,702	853,214	21,430	36,993
Other service activities	1,599,621	11,515,603	8,394,790	117,523,620	18,690,159	18,033,570	16,965,146	3,582,621
Activities of membership organization	1,574,488	11,165,155	8,193,858	113,904,000	17,900,555	15,057,353	14,565,194	3,028,417
Repair of computers and personal	250	126,815	1,600	531,386	553,879	477,397	142,995	156,763
Other personal service activities	24,884	223,632	199,332	3,088,234	235,724	2,498,820	2,256,957	397,441

Table A6o: Value of fixed asset at the end of year in the service sector in Central region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Central - All Sectors	2,445,492	101,846,839	57,708,720	3,610,120,994	2,849,856,619	680,511,810	81,246,663	74,809,107
Services Sector	1,675,704	80,069,815	54,816,357	3,542,428,510	2,823,379,561	53,611,253	74,433,430	17,772,246
Wholesale and retail trade and repair of motor vehicles and motorcycles	243,273	7,507,517	2,736,297	59,062,651	53,697,391	22,600,960	5,445,723	3,376,505
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	374,660	1,116,209	3,897,763	6,415,624	1,725,733	267,167	542,901
Wholesale trade, except of motor vehicles and motorcycles	0	64,000	264,977	1,432,952	34,925,202	1,476,349	146,141	49,093
Retail trade, except of motor vehicles and motorcycles	243,273	7,068,856	1,355,111	53,731,937	12,356,565	19,398,878	5,032,415	2,784,511
Transportation and storage	95	19,000	42,565	271,914	1,674,640	2,060	68,699	9,442
Land transport and transport via pipelines	50	19,000	42,565	166,985	1,522,040	1,970	55,777	3,824
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	64,429	35,600	0	3,063	1,530
Postal and courier activities	45	0	0	40,500	117,000	90	9,859	4,088
Accommodation and food service activities	206,323	8,252,120	37,127,925	2,879,812,230	1,805,058,401	10,975,644	21,822,070	2,334,788
Accommodation	77,658	7,870,139	36,935,104	2,852,751,691	1,804,242,281	8,281,227	18,030,799	1,531,210
Food and beverage service activities	128,665	381,981	192,820	27,060,539	816,120	2,694,417	3,791,271	803,578
Information and communication	13,408	97,688	1,089	909,352	900,169,270	2,251,026	465,526	581,737
Publishing activities	0	0	0	540	1,980	0	3,213	2,185
Motion picture, video and television programme production, sound recording	0	0	1,089	34,242	0	115,059	47,697	30,037
Programming and broadcasting activities	10,132	96,188	0	676,743	900,156,130	1,984,085	120,862	265,283
Telecommunications	3,276	0	0	93,720	0	56,943	280,216	268,540
Computer programming, consultancy and related activities	0	0	0	0	0	0	2,682	2,993
Information service activities	0	1,500	0	104,107	11,160	94,938	10,856	12,699
Financial and insurance activities	627,674	26,000	1,382,550	24,823,103	3,891,024	2,619,578	3,596,018	2,140,453
Financial service activities, except insurance and pension funding	627,674	3,500	1,382,550	24,579,203	3,393,133	2,572,797	3,410,927	2,078,576
Insurance, reinsurance and pension funding, except compulsory social security	0	22,500	0	243,900	497,890	42,550	170,730	52,701
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	4,231	14,361	9,175
Real estate activities	180	10,384,038	10,883	1,094,221	543,500	240,120	190,070	65,608
Real estate activities	180	10,384,038	10,883	1,094,221	543,500	240,120	190,070	65,608

Table A6o: Value of fixed asset at the end of year in the service sector in Central region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	400	0	0	284,318	350,457	574,936	211,222	3,010,185
Legal and accounting activities	0	0	0	18,900	72,667	4,595	19,156	2,849,689
Activities of head offices; management consultancy activities	0	0	0	0	0	0	2,796	1,011
Architectural and engineering activities; technical testing and analysis	400	0	0	212,802	153,667	109,226	59,303	43,713
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	13,950	0	66,166	20,770	8,100
Other professional, scientific and technical activities	0	0	0	38,666	124,123	394,949	109,196	107,673
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	19,686	10,000	0	528,978	1,215,127	744,743	978,643	842,393
Rental and leasing activities	6,475	10,000	0	470,655	1,072,185	291,061	333,730	138,545
Employment activities	0	0	0	0	0	0	1,158	223
Travel agency, tour operator, reservation service and related activities	11,700	0	0	0	80,400	0	10,330	8,989
Security and investigation activities	0	0	0	0	61,582	0	34,933	10,101
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	1,511	0	0	58,323	960	453,683	598,491	684,534
Education	257,175	43,028,556	164,532	252,474,475	10,781,806	806,888	7,072,217	1,362,204
Education	257,175	43,028,556	164,532	252,474,475	10,781,806	806,888	7,072,217	1,362,204
Human health and social work activities	14,393	383,230	373,906	22,004,546	1,033,145	3,688,658	2,552,872	339,217
Human health activities	6,937	380,850	373,906	18,264,692	345,316	3,523,457	2,313,605	139,060
Residential care activities	0	0	0	959,947	16,000	5,733	10,554	37,562
Social work activities without accommodation	7,456	2,380	0	2,779,907	671,829	159,468	228,713	162,595
Arts, entertainment and recreation	92,641	1,515,200	7,800	582,468	160,739	135,945	137,332	536,113
Creative, arts and entertainment activities	0	0	0	54,858	0	19,860	17,788	44,074
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	13,500	16,755
Gambling and betting activities	3,550	15,143	7,800	113,566	0	49,328	60,472	94,537
Sports activities and amusement and recreation activities	89,091	1,500,057	0	414,044	160,739	66,757	45,572	380,747
Other service activities	200,456	8,846,466	12,968,809	300,580,253	44,804,062	8,970,695	31,893,037	3,173,601
Activities of membership organization	192,999	8,354,710	12,768,212	284,335,342	44,783,132	6,426,805	29,904,885	2,290,491
Repair of computers and personal	0	199,906	9,090	1,019,397	19,482	152,525	114,381	190,934
Other personal service activities	7,457	291,850	191,507	15,225,514	1,448	2,391,365	1,873,770	692,175

Table A6q: Value of fixed asset at the end of year in the service sector in Greater Accra region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Greater Accra - All Sectors	1,249,064,815	17,263,659,015	6,888,397,825	15,411,826,978	6,580,757,883	68,058,423,410	3,133,741,431	1,766,954,137
Services Sector	693,933,333	1,373,721,353	902,212,188	11,675,856,520	3,376,050,296	1,980,277,281	2,430,089,050	1,381,519,699
Wholesale and retail trade and repair of motor vehicles and motorcycles	8,149,042	407,057,123	402,440,446	1,514,961,241	1,349,157,244	658,539,528	135,678,648	258,312,178
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,088,210	30,420,772	20,672,091	186,026,474	54,309,069	60,326,901	14,080,358	9,343,581
Wholesale trade, except of motor vehicles and motorcycles	2,656,810	150,906,274	120,177,553	683,142,093	168,351,228	201,534,847	24,740,194	70,375,837
Retail trade, except of motor vehicles and motorcycles	4,404,022	225,730,077	261,590,802	645,792,674	1,126,496,947	396,677,780	96,858,096	178,592,760
Transportation and storage	7,112,145	49,847,663	41,388,920	551,353,676	323,888,729	131,286,414	20,645,349	28,991,379
Land transport and transport via pipelines	1,146,220	7,298,626	8,186,301	96,962,222	162,016,541	7,835,878	2,026,078	3,122,306
Water transport	491,792	6,000	16,367,818	7,256,141	4,270,203	5,717,519	1,097,132	1,377,896
Air transport	3,831,657	1,200,000	0	610,352	7,192,550	38,394,843	2,962,581	11,526,165
Warehousing and support activities for transportation	1,642,476	41,253,780	16,598,868	445,018,085	146,943,782	77,933,624	14,175,700	12,423,531
Postal and courier activities	0	89,257	235,934	1,506,877	3,465,652	1,404,550	383,858	541,481
Accommodation and food service activities	20,447,302	97,813,459	160,499,664	1,306,260,346	87,602,198	179,985,971	119,386,474	40,206,174
Accommodation	4,158,980	74,948,402	91,992,717	1,029,365,153	27,155,609	99,981,871	92,064,292	29,908,995
Food and beverage service activities	16,288,322	22,865,057	68,506,947	276,895,193	60,446,589	80,004,100	27,322,183	10,297,179
Information and communication	101,612,822	4,321,384	22,305,034	57,065,100	124,298,956	421,633,343	22,385,813	200,384,494
Publishing activities	1,247,248	355,684	899,609	14,747,615	7,236,396	20,680,430	2,069,968	3,465,299
Motion picture, video and television programme production, sound recording	48,082	0	0	10,748,656	363,828	162,318	329,959	524,406
Programming and broadcasting activities	723,890	57,476	5,070,039	7,398,137	6,222,685	88,195,854	3,896,050	21,745,762
Telecommunications	96,237,309	3,731,099	15,352,912	12,009,848	91,779,287	169,967,682	10,743,065	164,116,692
Computer programming, consultancy and related activities	2,951,026	177,125	846,953	10,670,594	13,350,682	140,987,757	4,058,184	6,508,682
Information service activities	405,268	0	135,522	1,490,250	5,346,078	1,639,301	1,288,586	4,023,652
Financial and insurance activities	542,754,418	564,330	164,256,492	3,103,702,618	1,002,758,186	181,730,918	1,871,350,992	752,125,464
Financial service activities, except insurance and pension funding	539,701,178	564,330	164,251,792	2,992,073,540	957,138,280	165,175,976	1,824,297,877	714,178,450
Insurance, reinsurance and pension funding, except compulsory social security	2,996,036	0	0	98,008,928	36,956,259	10,687,137	38,964,674	34,196,402
Activities auxiliary to financial service and insurance activities	57,205	0	4,700	13,620,150	8,663,648	5,867,805	8,088,441	3,750,612

Table A6q: Value of fixed asset at the end of year in the service sector in Greater Accra region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Real estate activities	268,836	117,407,690	49,755,611	195,871,285	16,315,286	13,169,095	8,392,769	10,512,568
Real estate activities	268,836	117,407,690	49,755,611	195,871,285	16,315,286	13,169,095	8,392,769	10,512,568
Professional, scientific and technical activities	2,000,137	10,976,601	1,505,946	99,316,861	65,501,020	56,212,518	33,776,527	21,682,458
Legal and accounting activities	10,840	101,143	0	807,175	3,851,233	1,552,755	2,865,517	1,707,616
Activities of head offices; management consultancy activities	1,075,132	45,244	755,717	76,108,077	7,294,343	1,715,663	7,526,209	2,045,406
Architectural and engineering activities; technical testing and analysis	596,163	10,600,272	519,908	3,958,401	41,331,172	34,168,704	12,476,920	7,655,109
Scientific research and development	0	0	0	971,872	1,248,443	137,840	1,468,104	579,673
Advertising and market research	265,813	0	60,574	14,279,475	5,323,487	2,334,317	7,760,845	6,782,260
Other professional, scientific and technical activities	52,188	229,943	169,747	3,191,861	6,452,342	16,264,342	1,640,136	2,905,375
Veterinary activities	0	0	0	0	0	38,896	38,795	7,021
Administrative and support service activities	5,393,409	21,307,812	15,286,507	102,084,974	127,991,239	51,493,344	49,371,338	19,360,945
Rental and leasing activities	6,416	17,965,725	12,919,326	74,517,498	87,194,788	17,465,241	2,939,527	6,802,204
Employment activities	694,696	271,000	351,733	2,337,545	5,090,570	337,789	1,070,304	1,464,350
Travel agency, tour operator, reservation service and related activities	36,967	37,200	186,161	3,700,914	15,642,118	5,413,456	3,656,165	1,785,081
Security and investigation activities	4,473,518	77,648	70,548	4,371,867	11,035,966	4,572,876	2,017,701	3,528,076
Services to buildings and landscape activities	12,525	69,837	0	48,695	972,517	1,248,208	36,088,149	773,980
Office administrative, office support and other business support activities	169,287	2,886,402	1,758,739	17,108,456	8,055,280	22,455,773	3,599,492	5,007,254
Education	1,820,708	13,409,448	1,810,695	3,997,110,214	181,402,772	43,301,744	95,859,656	18,209,269
Education	1,820,708	13,409,448	1,810,695	3,997,110,214	181,402,772	43,301,744	95,859,656	18,209,269
Human health and social work activities	1,386,305	423,755,421	17,525,494	437,090,904	63,293,143	107,104,315	16,810,763	13,567,565
Human health activities	955,191	423,541,713	17,248,317	390,436,599	47,730,845	96,569,621	14,131,622	9,392,421
Residential care activities	0	0	0	25,776,719	222,382	47,666	72,005	780
Social work activities without accommodation	431,113	213,708	277,177	20,877,585	15,339,915	10,487,027	2,607,136	4,174,363
Arts, entertainment and recreation	765,078	7,049,586	53,826	7,966,933	2,074,453	35,722,075	9,387,129	2,379,024
Creative, arts and entertainment activities	273,787	4,285,300	0	1,011,057	252,551	1,179,016	258,859	861,365
Libraries, archives, museums and other cultural activities	453,080	2,764,286	0	5,485,708	295,965	634,558	2,222,157	226,071
Gambling and betting activities	20,314	0	52,761	374,165	1,007,587	8,728,553	6,490,038	1,158,157
Sports activities and amusement and recreation activities	17,896	0	1,065	1,096,003	518,350	25,179,949	416,075	133,431
Other service activities	2,223,132	220,210,837	25,383,554	303,072,368	31,767,071	100,098,017	47,043,590	15,788,182
Activities of membership organization	1,481,284	64,552,930	25,047,707	276,832,653	21,512,246	43,571,035	24,670,825	4,750,182
Repair of computers and personal	186,120	152,028,569	29,843	3,449,864	7,915,322	4,437,195	1,842,867	5,779,979
Other personal service activities	555,728	3,629,337	306,003	22,789,851	2,339,502	52,089,787	20,529,898	5,258,021

Table A6r: Value of fixed asset at the end of year in the service sector in Volta region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Volta - All Sectors	13,629,548	25,949,003	13,923,681	799,853,125	988,588,984	443,471,853	135,613,144	10,233,003
Services Sector	12,568,530	18,970,312	7,763,114	727,272,559	950,382,220	63,153,096	103,682,084	9,113,753
Wholesale and retail trade and repair of motor vehicles and motorcycles	296,571	3,322,961	2,009,713	82,246,505	17,213,117	25,662,634	7,721,387	1,823,741
Wholesale and retail trade and repair of motor vehicles and motorcycles	11,159	0	62,980	3,866,314	644,070	787,842	299,452	12,894
Wholesale trade, except of motor vehicles and motorcycles	3,600	142,000	70,948	22,095,295	1,247,933	131,327	210,236	176,258
Retail trade, except of motor vehicles and motorcycles	281,811	3,180,961	1,875,785	56,284,897	15,321,113	24,743,466	7,211,699	1,634,588
Transportation and storage	3,031	29,776	2,077	4,368,420	6,629,037	540,500	153,525	47,364
Land transport and transport via pipelines	0	0	1,717	293,337	5,885,341	488,067	13,491	16,595
Water transport	0	0	0	0	67,500	42,990	1,548	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	3,031	23,376	360	1,092,088	676,196	6,770	119,792	29,155
Postal and courier activities	0	6,400	0	2,982,996	0	2,673	18,694	1,615
Accommodation and food service activities	11,121,562	1,540,340	3,695,565	93,385,291	4,516,925	7,145,406	11,337,214	1,133,233
Accommodation	161,177	790,761	1,095,196	63,642,074	3,334,446	3,127,284	7,289,937	336,118
Food and beverage service activities	10,960,385	749,580	2,600,369	29,743,217	1,182,479	4,018,123	4,047,277	797,115
Information and communication	53,727	40,683	6,973	1,209,623	218,878	2,232,205	381,103	416,994
Publishing activities	0	0	2,880	21,204	0	0	6,875	2,233
Motion picture, video and television programme production, sound recording	0	0	0	36,800	5,563	43,255	3,023	6,370
Programming and broadcasting activities	12,175	11,000	0	798,459	184,545	2,045,254	335,261	233,625
Telecommunications	41,492	14,183	4,093	144,050	2,040	82,563	27,719	142,090
Computer programming, consultancy and related activities	0	14,000	0	157,500	25,200	34,983	3,150	0
Information service activities	60	1,500	0	51,610	1,530	26,151	5,076	32,675
Financial and insurance activities	400,167	19,180	0	6,547,550	1,982,115	2,401,845	1,774,409	2,096,832
Financial service activities, except insurance and pension funding	382,563	19,180	0	6,199,178	1,716,776	2,260,075	1,711,710	2,055,409
Insurance, reinsurance and pension funding, except compulsory social security	17,604	0	0	252,928	263,881	141,770	57,494	29,635
Activities auxiliary to financial service and insurance activities	0	0	0	95,445	1,458	0	5,205	11,788
Real estate activities	0	105,000	0	8,280	98,500	81,568	29,680	15,855
Real estate activities	0	105,000	0	8,280	98,500	81,568	29,680	15,855

Table A6r: Value of fixed asset at the end of year in the service sector in Volta region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	378	2,209	13,276	478,496	286,455	1,008,072	192,660	220,289
Legal and accounting activities	0	0	0	135,300	53,254	2,707	43,244	8,729
Activities of head offices; management consultancy activities	0	0	0	0	0	0	24,329	45,150
Architectural and engineering activities; technical testing and analysis	0	2,209	0	29,474	70,281	208,353	24,052	14,049
Scientific research and development	0	0	0	0	3,960	0	73	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	378	0	13,276	313,722	158,960	796,708	100,361	152,121
Veterinary activities	0	0	0	0	0	304	600	240
Administrative and support service activities	498	496,730	13,961	896,127	292,542	1,072,365	509,126	964,280
Rental and leasing activities	248	275,000	0	87,188	0	240,702	169,655	66,155
Employment activities	0	0	0	0	17,197	0	8,236	7,441
Travel agency, tour operator, reservation service and related activities	250	30,000	0	45,000	55,800	1,800	900	1,900
Security and investigation activities	0	0	0	60,686	0	2,516	42,750	19,217
Services to buildings and landscape activities	0	113,357	0	2,218	0	91,129	19,500	944
Office administrative, office support and other business support activities	0	78,373	13,961	701,036	219,545	736,218	268,085	868,623
Education	0	1,466,758	0	66,161,601	9,157,570	2,708,953	13,678,417	1,448,365
Education	0	1,466,758	0	66,161,601	9,157,570	2,708,953	13,678,417	1,448,365
Human health and social work activities	95,250	2,400	0	43,959,345	1,885,192	10,003,157	900,018	268,178
Human health activities	82,650	0	0	42,302,179	1,215,489	9,921,982	707,415	213,992
Residential care activities	0	0	0	655,380	18,333	25,793	27,985	2,250
Social work activities without accommodation	12,600	2,400	0	1,001,786	651,370	55,382	164,618	51,936
Arts, entertainment and recreation	3,571	92,845	85,656	896,816	900,068,852	285,257	93,141	126,829
Creative, arts and entertainment activities	656	3,250	0	75,118	4,350	169,425	21,083	14,762
Libraries, archives, museums and other cultural activities	0	30,000	0	494,400	900,000,000	19,950	27,076	96,568
Gambling and betting activities	55	59,595	82,956	116,930	19,002	34,922	25,433	4,709
Sports activities and amusement and recreation activities	2,861	0	2,700	210,368	45,500	60,959	19,549	10,790
Other service activities	593,776	11,851,430	1,935,895	427,114,505	8,033,037	10,011,132	66,911,403	551,793
Activities of membership organization	492,066	11,628,707	1,873,974	416,923,559	7,356,296	6,915,351	64,826,326	285,763
Repair of computers and personal	41,927	86,678	49,955	909,425	596,035	893,030	302,287	96,716
Other personal service activities	59,783	136,045	11,966	9,281,521	80,706	2,202,752	1,782,790	169,314

Table A6s: Value of fixed asset at the end of year in the service sector in Eastern region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Eastern - All Sectors	3,709,084	60,665,516	53,934,486	760,804,633	7,416,170,043	769,459,213	61,776,461	23,527,557
Services Sector	3,141,929	48,926,342	15,201,222	596,349,869	125,794,258	81,850,656	51,771,401	17,596,612
Wholesale and retail trade and repair of motor vehicles and motorcycles	88,148	7,355,157	4,225,202	64,833,421	38,087,160	21,536,028	5,160,348	3,256,813
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,490	864,200	3,487,511	4,775,171	5,146,994	5,352,838	226,516	453,271
Wholesale trade, except of motor vehicles and motorcycles	5,963	300,395	99,547	14,501,376	4,579,735	494,351	509,917	464,159
Retail trade, except of motor vehicles and motorcycles	79,695	6,190,562	638,143	45,556,874	28,360,431	15,688,840	4,423,915	2,339,382
Transportation and storage	860	6,800	0	813,397	4,064,547	317,321	272,362	22,961
Land transport and transport via pipelines	0	0	0	479,916	3,984,610	9,900	69,746	16,555
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	860	6,800	0	37,281	79,937	307,027	184,587	2,899
Postal and courier activities	0	0	0	296,200	0	394	18,029	3,507
Accommodation and food service activities	476,321	219,260	3,454,314	171,522,891	1,668,136	30,890,484	15,457,990	2,745,677
Accommodation	71,575	50,000	3,443,102	146,208,774	1,358,930	28,378,347	13,047,346	1,103,388
Food and beverage service activities	404,746	169,260	11,213	25,314,117	309,206	2,512,137	2,410,644	1,642,289
Information and communication	214,228	61,391	291,774	594,900	4,688,308	3,020,655	348,219	1,447,517
Publishing activities	46,167	6,042	0	4,532	123,982	50,754	9,608	21,155
Motion picture, video and television programme production, sound recording	62,933	0	0	12,222	22,060	35,615	13,035	632,252
Programming and broadcasting activities	82,000	51,849	287,274	376,231	4,511,873	2,079,760	186,810	552,363
Telecommunications	1,749	0	0	154,447	30,393	796,735	76,578	166,832
Computer programming, consultancy and related activities	4,800	3,500	4,500	0	0	4,300	26,629	53,451
Information service activities	16,580	0	0	47,469	0	53,491	35,560	21,464
Financial and insurance activities	58,045	485,159	1,559,544	14,130,306	4,575,230	2,698,889	5,175,374	3,576,022
Financial service activities, except insurance and pension funding	58,045	485,159	1,559,544	13,885,735	4,270,273	2,651,464	5,004,675	3,480,979
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	243,491	304,956	38,320	155,194	88,897
Activities auxiliary to financial service and insurance activities	0	0	0	1,080	0	9,105	15,506	6,145
Real estate activities	3,000	31,561,500	10,800	3,923,430	526,639	1,254,674	5,627	5,830
Real estate activities	3,000	31,561,500	10,800	3,923,430	526,639	1,254,674	5,627	5,830

Table A6s: Value of fixed asset at the end of year in the service sector in Eastern region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	30,827	0	0	362,387	1,012,612	583,716	215,894	349,228
Legal and accounting activities	0	0	0	0	0	0	6,953	1,360
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	470	0	0	161,634	698,873	394,484	58,413	114,440
Scientific research and development	0	0	0	91,120	49,866	0	3,624	5,016
Advertising and market research	0	0	0	0	0	0	2,400	1,600
Other professional, scientific and technical activities	30,357	0	0	109,433	263,873	189,231	144,043	226,812
Veterinary activities	0	0	0	200	0	0	461	0
Administrative and support service activities	3,822	26,196	0	545,180	784,514	957,485	1,002,798	934,724
Rental and leasing activities	3,822	26,114	0	366,900	665,674	358,561	756,411	272,824
Employment activities	0	0	0	0	0	0	6,521	7,430
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	69,340	1,500	8,060	5,069
Services to buildings and landscape activities	0	0	0	0	0	0	3,416	1,051
Office administrative, office support and other business support activities	0	82	0	178,280	49,500	597,425	228,389	648,350
Education	125,539	2,614,231	1,075,346	145,815,842	12,846,489	2,682,070	5,424,447	2,275,137
Education	125,539	2,614,231	1,075,346	145,815,842	12,846,489	2,682,070	5,424,447	2,275,137
Human health and social work activities	3,600	0	455,100	28,206,609	1,512,716	7,055,041	2,897,392	410,940
Human health activities	3,600	0	455,100	27,781,120	1,064,011	3,178,515	2,847,563	360,501
Residential care activities	0	0	0	0	0	0	1,050	336
Social work activities without accommodation	0	0	0	425,490	448,705	3,876,526	48,778	50,103
Arts, entertainment and recreation	5,809	20,125	29,798	1,479,132	71,402	190,313	102,882	173,425
Creative, arts and entertainment activities	0	20,125	3,600	573,735	0	81,649	9,286	18,562
Libraries, archives, museums and other cultural activities	0	0	1,898	410,415	585	630	30,318	69,508
Gambling and betting activities	0	0	17,100	29,540	29,581	49,901	28,350	12,493
Sports activities and amusement and recreation activities	5,809	0	7,200	465,442	41,235	58,133	34,928	72,863
Other service activities	2,131,731	6,576,523	4,099,344	164,122,374	55,956,504	10,663,979	15,708,068	2,398,339
Activities of membership organization	1,352,507	6,289,392	4,085,808	156,823,595	55,864,152	6,631,799	10,570,360	1,289,033
Repair of computers and personal	762,580	89,182	0	598,666	8,916	446,965	141,465	458,354
Other personal service activities	16,643	197,949	13,536	6,700,113	83,437	3,585,215	4,996,243	650,952

Table A6t: Value of fixed asset at the end of year in the service sector in Ashanti region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Ashanti - All Sectors	18,244,527	309,048,213	378,734,942	2,996,221,773	3,954,278,495	11,745,592,337	180,655,237	118,877,017
Services Sector	13,421,085	287,465,930	62,814,602	2,103,770,191	3,733,521,440	348,479,695	131,565,212	96,911,293
Wholesale and retail trade and repair of motor vehicles and motorcycles	3,203,823	236,609,070	9,636,595	335,118,458	66,867,969	132,290,581	24,123,147	17,843,802
Wholesale and retail trade and repair of motor vehicles and motorcycles	354,254	31,728,453	526,613	19,696,494	11,479,131	38,277,796	1,905,493	5,739,172
Wholesale trade, except of motor vehicles and motorcycles	17,427	1,731,855	3,478,782	66,972,317	26,868,957	28,973,630	1,562,489	335,778
Retail trade, except of motor vehicles and motorcycles	2,832,142	203,148,763	5,631,200	248,449,646	28,519,881	65,039,155	20,655,165	11,768,853
Transportation and storage	1,795,445	1,571,349	501,355	18,889,164	145,391,764	3,449,387	1,077,515	323,379
Land transport and transport via pipelines	1,783,066	1,036,124	499,055	11,279,813	41,365,821	2,429,987	146,533	183,938
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	12,379	535,225	2,300	6,536,153	103,912,692	935,192	50,811	105,595
Postal and courier activities	0	0	0	1,073,199	113,250	84,208	880,172	33,846
Accommodation and food service activities	795,615	1,919,782	1,391,958	398,073,791	25,422,686	22,519,178	39,737,606	33,320,337
Accommodation	470,140	1,180,750	792,997	333,219,812	23,790,087	12,288,814	35,142,561	5,025,800
Food and beverage service activities	325,475	739,032	598,962	64,853,979	1,632,598	10,230,364	4,595,045	28,294,537
Information and communication	124,729	510,563	4,950	2,084,000	5,092,511	61,741,560	2,109,417	7,947,407
Publishing activities	1,000	349,813	0	0	388,432	666,201	105,431	41,246
Motion picture, video and television programme production, sound recording	5,846	32,586	0	261,839	27,000	398,491	245,837	210,073
Programming and broadcasting activities	112,613	18,889	0	1,398,844	1,020,523	58,526,194	729,770	1,379,520
Telecommunications	1,624	0	0	150,624	3,316,719	774,417	921,016	5,641,471
Computer programming, consultancy and related activities	60	30,000	0	13,200	124,588	101,006	11,513	578,369
Information service activities	3,588	79,275	4,950	259,493	215,250	1,275,252	95,851	96,729
Financial and insurance activities	658,887	1,721,910	5,560,453	284,612,764	12,231,888	6,204,041	14,947,583	8,120,072
Financial service activities, except insurance and pension funding	655,287	1,721,910	5,560,453	284,296,510	12,104,688	6,111,687	14,888,528	8,068,240
Insurance, reinsurance and pension funding, except compulsory social security	3,600	0	0	92,814	127,200	32,162	42,011	51,832
Activities auxiliary to financial service and insurance activities	0	0	0	223,440	0	60,192	17,044	0
Real estate activities	3,000	3,555,300	0	668,561	143,427	119,553	255,221	31,347
Real estate activities	3,000	3,555,300	0	668,561	143,427	119,553	255,221	31,347

Table A6t: Value of fixed asset at the end of year in the service sector in Ashanti region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	49,814	126,956	1,238,244	12,924,200	2,457,701	8,400,209	1,690,863	1,685,100
Legal and accounting activities	0	0	0	0	246,452	27,695	122,399	219,561
Activities of head offices; management consultancy activities	25	0	0	1,431,928	9,458	297,407	288,622	51,241
Architectural and engineering activities; technical testing and analysis	0	0	0	45,408	45,517	4,078,920	155,205	200,988
Scientific research and development	5,107	0	1,197,165	2,281,523	269,398	234,925	76,361	251,769
Advertising and market research	0	0	0	0	138,699	34,546	182,210	27,091
Other professional, scientific and technical activities	44,682	126,956	41,079	769,845	1,487,779	3,693,035	855,636	934,174
Veterinary activities	0	0	0	8,395,496	260,399	33,682	10,430	275
Administrative and support service activities	230,969	986,876	7,202	5,662,480	3,401,052,286	14,010,350	4,885,557	2,785,865
Rental and leasing activities	40,275	352,376	0	2,672,928	22,190,353	11,521,766	2,121,638	561,946
Employment activities	6,960	630,000	0	477,587	3,375,104,880	18,030	45,809	28,795
Travel agency, tour operator, reservation service and related activities	5,600	4,500	7,202	1,389,859	125,970	135,925	158,244	111,427
Security and investigation activities	3,508	0	0	331,338	3,527,843	75,996	2,083,964	46,840
Services to buildings and landscape activities	0	0	0	0	21,500	54,450	11,350	9,975
Office administrative, office support and other business support activities	174,627	0	0	790,768	81,740	2,204,183	464,552	2,026,883
Education	756,093	5,822,283	9,614,821	553,531,073	22,738,639	4,463,442	14,079,464	4,966,822
Education	756,093	5,822,283	9,614,821	553,531,073	22,738,639	4,463,442	14,079,464	4,966,822
Human health and social work activities	415,085	721,500	7,502,419	166,900,187	8,407,450	63,476,537	7,443,037	9,482,807
Human health activities	399,054	721,500	51,459	160,489,553	6,974,701	35,545,237	6,852,284	4,669,506
Residential care activities	0	0	0	4,563,494	153,365	26,907,255	302,598	4,732,538
Social work activities without accommodation	16,031	0	7,450,960	1,847,140	1,279,385	1,024,045	288,155	80,763
Arts, entertainment and recreation	40,635	84,948	166,538	2,684,985	323,550	2,555,958	479,186	479,436
Creative, arts and entertainment activities	0	17,150	66,150	225,545	2,282	82,972	26,144	16,928
Libraries, archives, museums and other cultural activities	0	35,000	0	117,000	0	0	9,600	5,700
Gambling and betting activities	3,362	0	54,831	908,301	178,137	1,317,395	280,349	422,953
Sports activities and amusement and recreation activities	37,273	32,798	45,558	1,434,139	143,131	1,155,591	163,094	33,855
Other service activities	5,346,989	33,835,394	27,190,067	322,620,527	43,391,569	29,248,900	20,736,617	9,924,918
Activities of membership organization	5,233,990	30,339,529	27,071,166	282,284,152	41,238,831	17,490,942	11,886,399	3,750,242
Repair of computers and personal	16,843	0	2,000	9,813,546	113,905	1,710,477	288,541	137,114
Other personal service activities	96,157	3,495,864	116,901	30,522,829	2,038,833	10,047,481	8,561,677	6,037,562

Table A6u: Value of fixed asset at the end of year in the service sector in Brong Ahafo region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Brong Ahafo - All Sectors	3,621,325	151,818,284	25,002,786	1,123,422,851	160,086,411	746,554,903	76,089,483	49,182,023
Services Sector	3,473,114	32,792,899	23,403,931	1,012,706,745	129,080,781	543,351,387	71,224,602	33,359,830
Wholesale and retail trade and repair of motor vehicles and motorcycles	722,053	13,812,848	5,840,812	65,725,752	32,306,747	446,055,146	6,157,228	1,473,128
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,779	643,900	39,111	8,984,312	2,273,515	3,775,915	158,781	101,964
Wholesale trade, except of motor vehicles and motorcycles	256,577	8,292,637	1,860,571	1,555,784	12,530,292	2,313,763	941,044	163,481
Retail trade, except of motor vehicles and motorcycles	463,696	4,876,311	3,941,130	55,185,655	17,502,940	439,965,468	5,057,402	1,207,682
Transportation and storage	800	182,078	900	1,868,323	6,147,000	130,927	63,302	6,825
Land transport and transport via pipelines	800	145,398	900	1,172,731	2,869,126	23,149	37,204	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	9,180	0	266,092	3,276,344	86,054	19,579	3,800
Postal and courier activities	0	27,500	0	429,500	1,530	21,725	6,519	3,025
Accommodation and food service activities	269,189	1,559,857	4,354,244	97,419,152	2,334,444	7,053,993	7,210,046	2,631,681
Accommodation	184,443	683,333	1,248,012	87,310,229	999,186	4,153,925	4,834,015	1,934,468
Food and beverage service activities	84,746	876,524	3,106,232	10,108,923	1,335,257	2,900,068	2,376,031	697,213
Information and communication	129,392	215,154	14,185	4,291,135	443,156	4,411,711	705,063	548,276
Publishing activities	19,190	10,400	0	4,263	0	182,507	178,822	34,619
Motion picture, video and television programme production, sound recording	635	1,700	0	2,694	6,040	8,692	4,405	23,995
Programming and broadcasting activities	98,931	166,857	13,281	4,106,837	390,204	3,889,385	410,519	184,737
Telecommunications	8,038	3,696	904	133,560	28,211	201,032	94,147	256,339
Computer programming, consultancy and related activities	764	32,500	0	0	18,000	5,464	3,458	30,757
Information service activities	1,834	0	0	43,782	700	124,631	13,713	17,828
Financial and insurance activities	928,727	139,512	935,568	27,776,136	15,251,082	44,299,695	29,945,815	15,444,576
Financial service activities, except insurance and pension funding	926,614	139,512	935,568	27,475,801	14,796,504	44,197,336	29,841,911	15,339,400
Insurance, reinsurance and pension funding, except compulsory social security	768	0	0	283,998	312,378	99,086	74,766	97,691
Activities auxiliary to financial service and insurance activities	1,345	0	0	16,337	142,200	3,273	29,139	7,485
Real estate activities	147	110,800	1,800	127,710	32,400	9,909	3,841	11,030
Real estate activities	147	110,800	1,800	127,710	32,400	9,909	3,841	11,030

Table A6u: Value of fixed asset at the end of year in the service sector in Brong Ahafo region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	80,032	0	0	1,108,438	19,805,144	1,486,929	361,232	520,865
Legal and accounting activities	0	0	0	89,063	132,000	13,034	24,320	17,697
Activities of head offices; management consultancy activities	28,476	0	0	585,000	19,239,316	6,882	54,518	7,894
Architectural and engineering activities; technical testing and analysis	1,159	0	0	207,960	304,440	136,294	41,637	54,231
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	1,080	0	0	2,800	0	272,475	34,356	47,781
Other professional, scientific and technical activities	49,318	0	0	223,615	129,388	1,058,244	206,401	393,263
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	5,159	78,260	110,970	1,112,827	2,207,463	1,293,925	291,667	718,747
Rental and leasing activities	42	0	110,970	206,550	2,012,375	449,427	48,271	22,515
Employment activities	0	0	0	28,295	0	3,080	3,542	2,375
Travel agency, tour operator, reservation service and related activities	0	23,000	0	14,500	47,250	113,630	15,456	8,905
Security and investigation activities	0	0	0	22,500	40,100	22,620	7,520	15,390
Services to buildings and landscape activities	0	0	0	207,240	52,800	48,004	13,766	20,568
Office administrative, office support and other business support activities	5,117	55,260	0	633,742	54,938	657,164	203,112	648,994
Education	298,784	1,578,834	1,570,594	220,319,508	39,606,712	2,774,181	7,162,582	3,648,885
Education	298,784	1,578,834	1,570,594	220,319,508	39,606,712	2,774,181	7,162,582	3,648,885
Human health and social work activities	673,974	57,000	2,125,960	52,178,652	3,315,199	6,724,622	3,772,666	2,420,765
Human health activities	673,561	57,000	2,125,960	51,643,300	3,192,835	6,508,637	3,715,365	2,393,243
Residential care activities	0	0	0	445,352	48,167	211,128	8,700	4,475
Social work activities without accommodation	412	0	0	90,000	74,198	4,857	48,601	23,047
Arts, entertainment and recreation	21,317	2,520,779	450	22,085,214	776,764	411,477	597,828	1,262,622
Creative, arts and entertainment activities	15,860	2,366,400	450	21,445,816	335,700	210,790	29,335	10,224
Libraries, archives, museums and other cultural activities	0	100,000	0	145,570	9,500	27,920	37,302	67,232
Gambling and betting activities	0	0	0	254,500	34,850	66,729	489,448	1,168,725
Sports activities and amusement and recreation activities	5,457	54,379	0	239,328	396,714	106,038	41,744	16,441
Other service activities	343,541	12,537,777	8,448,447	518,693,897	6,854,670	28,698,872	14,953,333	4,672,430
Activities of membership organization	218,222	9,806,997	8,262,993	508,242,923	6,239,867	23,937,760	13,271,532	4,270,953
Repair of computers and personal	6,904	172,608	5,304	487,480	153,103	752,487	88,048	169,805
Other personal service activities	118,416	2,558,172	180,150	9,963,494	461,700	4,008,625	1,593,754	231,672

Table A6v: Value of fixed asset at the end of year in the service sector in Northern region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Northern - All Sectors	3,922,679	44,779,278	9,914,033	473,838,528	251,898,957	159,897,284	72,888,295	16,344,997
Services Sector	1,744,679	32,592,421	9,365,656	427,184,353	132,815,273	43,198,467	71,085,892	14,107,974
Wholesale and retail trade and repair of motor vehicles and motorcycles	145,988	6,767,375	5,617,635	80,298,091	23,988,164	23,700,575	4,717,242	543,652
Wholesale and retail trade and repair of motor vehicles and motorcycles	9,663	1,217,807	138,835	23,359,337	3,976,775	3,057,045	461,720	50,808
Wholesale trade, except of motor vehicles and motorcycles	44,891	732,429	3,351,067	4,216,365	3,423,671	2,995,717	586,882	138,635
Retail trade, except of motor vehicles and motorcycles	91,434	4,817,139	2,127,733	52,722,389	16,587,717	17,647,813	3,668,641	354,209
Transportation and storage	100	34,600	0	764,666	21,321,685	11,246	53,598	14,397
Land transport and transport via pipelines	0	28,900	0	168,411	20,616,840	1,957	15,482	1,947
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	100	5,700	0	126,455	41,125	4,789	10,739	1,330
Postal and courier activities	0	0	0	469,800	663,720	4,500	27,377	11,120
Accommodation and food service activities	59,054	1,636,506	2,125,679	47,726,423	5,120,299	4,401,081	3,946,495	456,150
Accommodation	3,850	1,300,118	53,642	36,417,908	3,797,575	2,177,010	2,732,037	157,316
Food and beverage service activities	55,204	336,388	2,072,037	11,308,515	1,322,724	2,224,071	1,214,458	298,834
Information and communication	4,641	206,663	15,757	1,560,189	723,977	1,361,754	317,201	453,381
Publishing activities	0	0	0	100,880	21,940	64,576	3,439	8,060
Motion picture, video and television programme production, sound recording	0	50	0	315	4,350	13,464	5,175	5,876
Programming and broadcasting activities	2,950	168,000	0	904,551	372,192	1,015,662	224,142	52,915
Telecommunications	1,691	38,613	15,757	470,885	315,775	248,676	73,326	348,692
Computer programming, consultancy and related activities	0	0	0	12,758	9,720	17,894	6,694	33,354
Information service activities	0	0	0	70,800	0	1,483	4,425	4,484
Financial and insurance activities	1,292,733	51,162	66,497	37,211,551	66,850,587	5,204,596	55,152,530	9,501,034
Financial service activities, except insurance and pension funding	1,292,733	51,162	66,497	37,201,825	66,236,534	5,196,450	55,137,598	9,486,002
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	5,676	466,665	3,528	10,199	11,643
Activities auxiliary to financial service and insurance activities	0	0	0	4,050	147,388	4,619	4,733	3,390
Real estate activities	200	160,000	0	0	56,500	54,230	3,390	5,080
Real estate activities	200	160,000	0	0	56,500	54,230	3,390	5,080

Table A6v: Value of fixed asset at the end of year in the service sector in Northern region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	620	14,100	0	5,376,669	652,413	415,669	75,811	100,896
Legal and accounting activities	500	0	0	1,848,019	445,500	13,694	18,988	14,621
Activities of head offices; management consultancy activities	0	0	0	50,400	18,000	33,835	8,110	1,880
Architectural and engineering activities; technical testing and analysis	0	0	0	0	1,600	1,425	950	1,710
Scientific research and development	0	0	0	15,792	45,667	5,060	2,370	0
Advertising and market research	0	0	0	948	0	0	941	931
Other professional, scientific and technical activities	120	14,100	0	187,904	47,267	342,719	35,578	78,058
Veterinary activities	0	0	0	3,273,606	94,379	18,936	8,873	3,696
Administrative and support service activities	23,650	111,683	1,117	214,122	339,152	594,799	337,686	375,502
Rental and leasing activities	23,650	27,150	1,117	15,234	211,993	226,013	142,193	25,746
Employment activities	0	10,200	0	4,500	34,920	5,775	10,335	9,473
Travel agency, tour operator, reservation service and related activities	0	4,700	0	450	41,500	2,373	12,224	17,735
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	69,633	0	193,938	50,739	360,638	172,934	322,548
Education	1,824	300,000	0	43,728,290	1,788,485	701,078	1,504,945	1,609,491
Education	1,824	300,000	0	43,728,290	1,788,485	701,078	1,504,945	1,609,491
Human health and social work activities	0	16,917	0	72,635,418	5,311,787	2,811,828	1,220,771	206,986
Human health activities	0	16,917	0	72,316,320	2,653,362	2,682,068	1,040,332	83,768
Residential care activities	0	0	0	88,420	100,470	14,997	29,345	11,108
Social work activities without accommodation	0	0	0	230,678	2,557,955	114,763	151,094	112,110
Arts, entertainment and recreation	5,625	8,000	0	214,911	281,514	93,623	70,006	97,610
Creative, arts and entertainment activities	0	0	0	6,125	3,535	13,900	2,778	5,200
Libraries, archives, museums and other cultural activities	0	0	0	121,385	258,800	1,620	29,277	80,639
Gambling and betting activities	20	8,000	0	63,121	12,701	5,342	18,226	7,545
Sports activities and amusement and recreation activities	5,605	0	0	24,280	6,478	72,761	19,725	4,226
Other service activities	210,244	23,285,415	1,538,971	137,454,023	6,380,711	3,847,987	3,686,217	743,795
Activities of membership organization	203,317	23,131,687	1,505,993	129,708,497	5,905,401	2,694,896	2,699,818	645,530
Repair of computers and personal	631	70,078	0	5,418,285	228,621	261,435	65,601	44,098
Other personal service activities	6,295	83,650	32,978	2,327,242	246,689	891,656	920,798	54,167

Table A6w: Value of fixed asset at the end of year in the service sector in Upper East region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Upper East - All Sectors	509,713	4,165,712	2,374,521	156,721,434	56,425,531	39,372,888	7,704,746	4,480,903
Services Sector	489,647	3,550,878	2,285,503	145,708,520	43,292,639	27,460,408	7,013,772	4,144,103
Wholesale and retail trade and repair of motor vehicles and motorcycles	184,069	1,391,781	784,776	31,636,222	31,328,673	14,371,190	1,787,846	614,291
Wholesale and retail trade and repair of motor vehicles and motorcycles	22,697	222,869	148,449	1,116,870	493,271	9,188,592	111,798	35,874
Wholesale trade, except of motor vehicles and motorcycles	11,530	191,822	14	7,319,626	5,759,823	383,257	325,758	149,883
Retail trade, except of motor vehicles and motorcycles	149,842	977,090	636,313	23,199,726	25,075,579	4,799,341	1,350,290	428,533
Transportation and storage	2,055	111,900	183	983,675	555,231	7,624	48,475	51,144
Land transport and transport via pipelines	1,086	64,300	183	22,841	2,616	1,029	8,797	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	9,450	0	790	1,170	350
Warehousing and support activities for transportation	968	47,600	0	791,184	552,616	5,444	37,725	50,794
Postal and courier activities	0	0	0	160,200	0	360	783	0
Accommodation and food service activities	202,976	63,427	58,388	24,635,035	1,949,730	1,572,068	1,102,844	428,896
Accommodation	23,903	915	28,800	20,443,761	1,345,462	263,530	367,075	28,825
Food and beverage service activities	179,073	62,512	29,588	4,191,274	604,269	1,308,539	735,769	400,072
Information and communication	32,080	0	68,200	183,600	564,172	282,983	121,689	146,886
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recording	3,000	0	0	1,800	6,165	4,354	22,897	11,285
Programming and broadcasting activities	29,080	0	0	177,300	75,400	236,917	29,152	67,461
Telecommunications	0	0	68,200	4,500	281,680	41,712	67,370	46,156
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	0	0	0	200,927	0	2,270	21,984
Financial and insurance activities	5,910	0	0	10,952,097	802,329	559,026	742,825	484,066
Financial service activities, except insurance and pension funding	5,510	0	0	10,949,137	663,224	555,248	738,155	477,385
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	118,372	2,508	1,320	3,796
Activities auxiliary to financial service and insurance activities	400	0	0	2,960	20,733	1,270	3,350	2,885
Real estate activities	0	0	0	0	0	0	800	250
Real estate activities	0	0	0	0	0	0	800	250

Table A6w: Value of fixed asset at the end of year in the service sector in Upper East region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	0	16,100	0	13,355,707	313,956	677,372	272,666	135,248
Legal and accounting activities	0	0	0	0	0	0	401	280
Activities of head offices; management consultancy activities	0	0	0	29,769	40,480	2,688	1,367	24,208
Architectural and engineering activities; technical testing and analysis	0	0	0	1,080,139	183,161	115,500	110,627	31,188
Scientific research and development	0	0	0	11,818,864	0	0	0	0
Advertising and market research	0	15,000	0	0	27,150	111,400	14,250	35,340
Other professional, scientific and technical activities	0	1,100	0	426,935	63,165	447,784	146,021	44,232
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	879	31,656	4,520	350,213	123,744	247,224	75,576	277,471
Rental and leasing activities	0	4,860	0	92,749	3,105	49,276	10,324	3,331
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	1,800	19,350	0	4,940	7,465
Security and investigation activities	0	0	0	0	9,610	0	7,488	2,048
Services to buildings and landscape activities	0	0	0	132,559	0	23,425	8,716	0
Office administrative, office support and other business support activities	879	26,796	4,520	123,104	91,679	174,523	44,108	264,627
Education	0	6,860	4,800	18,711,089	1,110,425	296,562	844,821	985,715
Education	0	6,860	4,800	18,711,089	1,110,425	296,562	844,821	985,715
Human health and social work activities	3,323	31,000	1,066,207	15,314,802	2,086,417	6,581,336	1,132,786	346,638
Human health activities	823	0	1,041,812	14,794,602	1,695,732	6,350,313	1,108,427	309,430
Residential care activities	0	0	0	109,200	1,400	0	3,095	0
Social work activities without accommodation	2,500	31,000	24,395	411,000	389,285	231,023	21,264	37,208
Arts, entertainment and recreation	450	1,200	0	53,639	83,380	47,339	10,346	4,866
Creative, arts and entertainment activities	0	0	0	8,350	8,247	10,230	2,392	1,207
Libraries, archives, museums and other cultural activities	0	0	0	10,099	1,381	0	621	665
Gambling and betting activities	450	1,200	0	21,690	66,252	18,929	5,223	2,544
Sports activities and amusement and recreation activities	0	0	0	13,500	7,500	18,180	2,110	450
Other service activities	57,905	1,896,954	298,428	29,532,443	4,374,582	2,817,684	873,098	668,631
Activities of membership organization	35,337	1,451,376	288,350	26,461,680	1,867,032	1,219,718	547,310	547,091
Repair of computers and personal	6,934	387,419	10,043	841,597	2,275,024	510,969	62,323	49,188
Other personal service activities	15,634	58,159	36	2,229,166	232,526	1,086,998	263,465	72,352

Table A6x: Value of fixed asset at the end of year in the service sector in Upper East region

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Upper West - All Sectors	552,786	7,732,466	11,221,428	96,923,734	933,102,104	55,040,341	12,447,597	2,401,299
Services Sector	144,712	4,597,424	3,062,177	78,406,201	919,420,690	10,096,497	11,735,294	2,035,417
Wholesale and retail trade and repair of motor vehicles and motorcycles	56,516	2,512,282	517,633	21,921,089	13,422,564	5,635,011	2,244,983	364,173
Wholesale and retail trade and repair of motor vehicles and motorcycles	300	422,043	32,091	1,458,269	3,441,566	651,839	135,120	23,865
Wholesale trade, except of motor vehicles and motorcycles	10,640	96,000	32,016	3,854,565	1,048,547	547,718	67,583	17,179
Retail trade, except of motor vehicles and motorcycles	45,576	1,994,238	453,526	16,608,254	8,932,451	4,435,455	2,042,280	323,129
Transportation and storage	0	50,315	0	429,686	726,884	22,076	39,084	13,138
Land transport and transport via pipelines	0	50,000	0	60,686	723,684	21,558	36,271	4,048
Water transport	0	0	0	0	0	0	0	0
Air transport	0	315	0	277,200	2,500	315	1,067	4,910
Warehousing and support activities for transportation	0	0	0	81,000	700	20	1,521	3,800
Postal and courier activities	0	0	0	10,800	0	183	225	380
Accommodation and food service activities	16,660	523,941	700,776	15,358,996	1,272,535	996,418	1,102,974	275,310
Accommodation	6,043	143,502	140,612	12,004,868	152,241	558,186	543,112	151,659
Food and beverage service activities	10,617	380,439	560,164	3,354,128	1,120,294	438,233	559,862	123,651
Information and communication	0	8,000	0	314,900	900,024,630	973,625	56,420	74,223
Publishing activities	0	0	0	4,400	1,300	0	875	0
Motion picture, video and television programme production, sound recording	0	0	0	3,600	0	61,710	1,751	2,233
Programming and broadcasting activities	0	0	0	218,700	20,000	308,681	31,222	28,072
Telecommunications	0	8,000	0	0	3,330	234	9,822	24,988
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	0	0	88,200	900,000,000	603,000	12,750	18,930
Financial and insurance activities	23,069	47,881	1,087,517	2,973,489	990,687	547,703	253,906	248,662
Financial service activities, except insurance and pension funding	23,069	47,881	1,087,517	2,935,592	891,187	547,703	253,379	248,542
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	37,897	99,500	0	527	120
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0

Table A6x: Value of fixed asset at the end of year in the service sector in Upper East region (Cont'd)

ISIC Group	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Professional, scientific and technical activities	0	0	0	230,834	372,288	338,888	63,702	54,029
Legal and accounting activities	0	0	0	14,400	50,500	19,114	6,601	2,738
Activities of head offices; management consultancy activities	0	0	0	27,600	57,333	2,729	1,440	1,560
Architectural and engineering activities; technical testing and analysis	0	0	0	48,058	191,052	294,476	53,786	9,656
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	140,776	73,403	22,569	1,875	40,075
Veterinary activities	0	0	0	0	0	0	0	0
Administrative and support service activities	126	1,256	9,067	296,163	165,757	410,228	5,139,403	251,406
Rental and leasing activities	0	500	85	13,550	27,000	148,150	86,757	20,725
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	2,500	3,333	3,120	560
Security and investigation activities	0	0	0	0	4,040	0	3,670	3,228
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	126	756	8,982	282,613	132,217	258,745	5,045,856	226,893
Education	27,784	18,440	219,250	13,357,781	1,145,119	359,071	1,588,029	474,692
Education	27,784	18,440	219,250	13,357,781	1,145,119	359,071	1,588,029	474,692
Human health and social work activities	0	11,025	0	4,033,251	740,330	155,255	115,799	62,662
Human health activities	0	0	0	3,861,571	400,072	138,425	99,871	12,189
Residential care activities	0	0	0	0	0	0	630	0
Social work activities without accommodation	0	11,025	0	171,680	340,258	16,830	15,298	50,473
Arts, entertainment and recreation	0	0	325	94,904	17,405	10,426	10,865	2,356
Creative, arts and entertainment activities	0	0	0	0	0	0	0	0
Libraries, archives, museums and other cultural activities	0	0	0	81,000	12,600	0	2,250	1,840
Gambling and betting activities	0	0	325	13,139	3,305	4,192	7,940	516
Sports activities and amusement and recreation activities	0	0	0	765	1,500	6,234	675	0
Other service activities	20,557	1,424,284	527,608	19,395,108	542,491	647,795	1,120,128	214,765
Activities of membership organization	18,145	1,322,581	336,434	17,844,667	386,940	214,198	858,485	169,301
Repair of computers and personal	168	70,644	69,798	157,652	93,798	28,638	29,892	15,983
Other personal service activities	2,244	31,059	121,376	1,392,789	61,753	404,959	231,752	29,480

Table A7a: Disposal of fixed asset in all the sectors by size

Sector/LMSM	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors	53,360,007	241,833,615	80,829,587	57,946,684	683,499,028	18,470,729,386	176,866,077	537,443,650
Agriculture, forestry and fishing	25,693	270,182	11,658,941	1,398,375	400,290	662,482	71,515	1,079,962
Crop and animal production, hunting and related service activities	25693	270182	11658941	1398375	400289	662482	2150	1079962
Large-Sized Businesses	25693	0	11658941	1398375	161871	660125	0	1079962
Medium-Sized Businesses	0	0	0	0	48804	0	0	0
Small-Sized Businesses	0	270182	0	0	189614	2357	1950	0
Micro-Sized Businesses	0	0	0	0	0	0	200	0
Forestry and logging	0	0	0	0	0	0	0	0
Large-Sized Businesses	0	0	0	0	0	0	0	0
Medium-Sized Businesses	0	0	0	0	0	0	0	0
Small-Sized Businesses	0	0	0	0	0	0	0	0
Micro-Sized Businesses	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	1	0	69365	0
Large-Sized Businesses	0	0	0	0	0	0	69365	0
Medium-Sized Businesses	0	0	0	0	0	0	0	0
Small-Sized Businesses	0	0	0	0	0	0	0	0
Micro-Sized Businesses	0	0	0	0	1	0	0	0
Industry	49,439,999	2,390,896	58,877,325	15,119,184	546,871,164	18,432,891,366	152,597,284	186,147,226
Mining and quarrying	49,419,049	325,325	1,854,738	6,054,464	528,995,599	18,374,809,098	149,254,162	148,100,675
Large-Sized Businesses	49,419,048	325,325	551,073	5,972,462	61,571,371	328,533,811	3,322,993	148,099,025
Medium-Sized Businesses	0	0	1,303,665	82,000	467,185,874	18,026,773,173	145,931,166	1,650
Small-Sized Businesses	1	0	0	2	238,354	19,502,114	0	0
Micro-Sized Businesses	0	0	0	0	0	0	3	0
Manufacturing	5,000	447,090	43,676,218	1,376,487	9,133,517	25,664,581	1,915,297	37,821,951
Large-Sized Businesses	0	0	2,830,602	280,865	5,651,665	11,979,943	1,391,232	36,889,611
Medium-Sized Businesses	0	0	40,739,076	0	2,065,127	10,145,809	176,738	681,483
Small-Sized Businesses	5,000	432,093	106,540	35,988	978,649	2,440,930	336,764	228,862
Micro-Sized Businesses	0	14,996	0	44,145	438,075	1,097,900	10,563	21,996
Electricity, gas, stream and air conditioning supply	0	0	0	0	1,645,370	5,255,669	0	800
Large-Sized Businesses	0	0	0	0	122,293	5,255,669	0	800
Medium-Sized Businesses	0	0	0	0	0	0	0	0
Small-Sized Businesses	0	0	0	0	1,523,077	0	0	0
Micro-Sized Businesses	0	0	0	0	0	0	0	0

Table A7a: Disposal of fixed asset in all the sectors by size (Cont'd)

Sector/LMSM	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Water supply; sewerage, waste management and remediation activities	0	0	0	0	487,762	15,084,683	1,326,000	1,426
Large-Sized Businesses	0	0	0	0	167,850	15,084,683	0	1
Medium-Sized Businesses	0	0	0	0	66,000	0	1,326,000	1,425
Small-Sized Businesses	0	0	0	0	253,912	0	0	0
Micro-Sized Businesses	0	0	0	0	0	0	0	0
Construction	15,950	1,618,481	13,346,369	7,688,233	6,608,916	12,077,335	101,825	222,374
Large-Sized Businesses	0	289,500	43,000	3,521,588	4,550,453	300,341	18,498	1,688
Medium-Sized Businesses	0	730,900	4,457,222	1,176,632	872,184	2,721,861	83,327	161,692
Small-Sized Businesses	15,950	598,081	8,846,147	2,990,013	510,236	9,017,695	0	58,994
Micro-Sized Businesses	0	0	0	0	676,043	37,438	0	0
Services	3,894,315	239,172,537	10,293,321	41,429,124	136,227,575	37,175,538	24,197,278	350,216,462
Wholesale and retail; repair of motor vehicles and motorcycles	155,291	1,584,484	2,148,457	493,562	10,009,627	7,135,028	2,638,697	1,070,131
Large-Sized Businesses	0	731,376	279,865	189,436	2,081,383	3,623,576	1,497,961	682,451
Medium-Sized Businesses	0	8,484	1,867,092	0	1,694,159	143,861	97,031	198,369
Small-Sized Businesses	155,160	529,017	1,500	8,691	5,195,269	1,721,778	775,588	161,047
Micro-Sized Businesses	132	315,607	0	295,435	1,038,817	1,645,813	268,117	28,265
Transportation and storage	505	1,000,080	0	58,319	14,687,292	2,119,591	1,150,238	979,317
Large-Sized Businesses	0	0	0	57,915	4,655,029	625,653	11,542	134,728
Medium-Sized Businesses	5	193,830	0	0	5,511,761	1,485,095	435,801	717,963
Small-Sized Businesses	500	806,250	0	200	3,787,802	8,843	105,748	126,561
Micro-Sized Businesses	0	0	0	204	732,700	0	597,148	65
Accommodation and food service activities	17,549	2,461,300	0	1,049	1,332,864	805,658	88,371	736,439
Large-Sized Businesses	0	0	0	0	564,554	65,023	51,861	2
Medium-Sized Businesses	17,549	2,500	0	2	266,311	703,662	24,002	8,003
Small-Sized Businesses	0	28,800	0	0	373,641	36,937	250	30
Micro-Sized Businesses	0	2,430,000	0	1,047	128,358	36	12,257	728,404
Information and communication	3,036,403	0	0	27,294	56,573,011	16,372,491	402,054	116,232,769
Large-Sized Businesses	0	0	0	2,000	53,297,210	11,497,018	27,457	11,363,000
Medium-Sized Businesses	6,121	0	0	25,294	3,190,684	4,626,270	140,754	255,894
Small-Sized Businesses	3,021,234	0	0	0	85,116	172,886	232,824	104,566,245
Micro-Sized Businesses	9,048	0	0	0	1	76,318	1,019	47,631

Table A7a: Disposal of fixed asset in all the sectors by size (Cont'd)

Sector/LMSM	Assets							Other Tangible Assets
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	
Financial and insurance activities	625,890	0	7,332,084	794,903	45,617,215	1,028,623	15,770,149	229,347,016
Large-Sized Businesses	625,890	0	7,332,084	15,795	27,018,145	12,249	10,165,593	3,902,395
Medium-Sized Businesses	0	0	0	84,226	13,322,464	29,835	1,135,260	465,592
Small-Sized Businesses	0	0	0	694,881	5,276,607	986,539	4,423,695	6,147,028
Micro-Sized Businesses	0	0	0	0	0	0	45,600	218,832,000
Real estate activities	0	33,886,019	9,785	3,493,678	257,842	3,000	0	0
Large-Sized Businesses	0	0	0	0	73,520	0	0	0
Medium-Sized Businesses	0	14,324,220	0	1,180,000	184,322	0	0	0
Small-Sized Businesses	0	17,645,799	9,785	2,313,678	0	3,000	0	0
Micro-Sized Businesses	0	1,916,000	0	0	0	0	0	0
Professional, scientific and technical activities	9,579	103,889	0	4,721	2,001,831	7,366,429	40,695	1,427,271
Large-Sized Businesses	0	0	0	0	142,610	0	0	901,048
Medium-Sized Businesses	0	0	0	0	653,879	143,785	9,738	54,038
Small-Sized Businesses	1,656	103,889	0	4,721	1,093,162	7,201,670	30,768	445,575
Micro-Sized Businesses	7,923	0	0	0	112,180	20,974	190	26,610
Administrative and support service activities	10,275	206,242	352,704	19,900	1,417,325	649,482	138,255	52,732
Large-Sized Businesses	0	0	352,704	19,900	389,072	46,970	30,578	1,980
Medium-Sized Businesses	0	0	0	0	263,905	180,470	995	0
Small-Sized Businesses	1,000	20,000	0	0	667,677	323,635	2,503	100
Micro-Sized Businesses	9,275	186,242	0	0	96,671	98,407	104,179	50,652
Education	579	9,526	450,291	14,151,132	1,438,825	498,507	3,776,609	86,810
Large-Sized Businesses	0	0	449,291	4,145,031	325,807	27,450	5,285	0
Medium-Sized Businesses	0	9,526	0	159,851	578,652	269,846	64,955	25,694
Small-Sized Businesses	200	0	1,000	9,846,250	467,167	201,210	3,706,369	61,115
Micro-Sized Businesses	379	0	0	0	67,200	0	0	0
Human health and social work activities	2,866	169,533,333	0	21,852,170	642,065	795,054	152,104	62,040
Large-Sized Businesses	0	0	0	5,154,987	99,867	16,287	64,272	0
Medium-Sized Businesses	2,866	0	0	610,516	347,538	376,137	80,441	8,055
Small-Sized Businesses	0	169,533,333	0	16,086,667	58,700	379,500	7,391	5,741
Micro-Sized Businesses	0	0	0	0	135,960	23,130	0	48,244

Table A7a Disposal of fixed asset in all the sectors by size (Cont'd)

Sector/LMSM	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Arts, entertainment and recreation	25	0	0	1,308	49,287	17,284	1,688	33,817
Large-Sized Businesses	0	0	0	0	35,175	0	0	0
Medium-Sized Businesses	0	0	0	0	0	0	0	506
Small-Sized Businesses	0	0	0	0	14,112	3,753	1,051	0
Micro-Sized Businesses	25	0	0	1,308	0	13,531	638	33,311
Other service activities	35,352	30,387,664	0	531,088	2,200,391	384,391	38,418	188,119
Large-Sized Businesses	10,683	0	0	0	1,770,436	0	0	0
Medium-Sized Businesses	0	0	0	120	89,000	70	0	0
Small-Sized Businesses	725	242,836	0	775	159,418	180,661	3,931	149,838
Micro-Sized Businesses	23,944	30,144,828	0	530,193	181,537	203,660	34,487	38,282

Table A7b: Disposal of fixed asset in all the sectors

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All sectors -National	53,344,057	240,032,891	67,483,218	50,258,450	677,141,319	18,458,653,357	176,764,252	537,221,276
Agriculture, forestry and fishing	25,693	270,182	11,658,941	1,398,375	400,290	662,482	71,515	1,079,962
Crop and animal production, hunting and related service activities	25,693	270,182	11,658,941	1,398,375	400,289	662,482	2,150	1,079,962
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	1	0	69,365	0
Industry	49,424,049	772,415	45,530,956	7,430,951	540,513,454	18,420,815,337	152,495,459	185,924,852
Extraction of crude petroleum and natural gas	0	0	979,804	0	86,860	137,065,824	0	0
Mining of metal ores	49,419,048	325,325	551,073	6,054,464	61,634,705	328,919,185	3,209,628	148,099,025
Other mining and quarrying	1	0	0	0	0	896,182	5,531	1,650
Mining support service activities	0	0	323,861	0	467,274,033	17,907,927,907	146,039,003	0
Manufacture of food products	0	55,941	0	224	1,456,776	2,236,513	393	7,605,789
Manufacture of beverages	0	0	0	233,611	3,065,627	10,611,675	731,601	29,442,774
Manufacture of textiles	0	0	0	0	27,631	360	0	0
Manufacture of wearing apparel	0	0	0	6,900	4,436	762,931	1,922	230
Manufacture of leather and related products	0	3,818	0	0	15,273	30,860	280	8
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	191,712	169,620	1,457,917	82,183	49,950
Manufacture of paper and paper products	0	0	335	0	208,226	282,300	0	15,111
Printing and reproduction of recorded media	0	0	39,005	56,084	444,880	654,662	46,201	78,120
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	270,884	814,603	215,948	565,151
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	9,621	736,518	1,064,364	10	168,047	48,962
Manufacture of rubber and plastics products	0	0	43,560,057	100,865	505,914	6,173,229	570,719	0
Manufacture of other non-metallic mineral products	0	212,952	0	3,577	75,420	103,310	3,220	2,531
Manufacture of basic metals	0	0	0	0	81,032	1,240,737	0	0
Manufacture of fabricated metal products, except machinery and equipment	5,000	163,400	67,200	14,763	606,339	838,024	92,071	200
Manufacture of computer, electronic and optical products	0	3,800	0	150	6,000	1,300	60	1,500
Manufacture of electrical equipment	0	0	0	0	2,000	0	0	3,069
Manufacture of machinery and equipment n.e.c.	0	0	0	0	223,074	11,751	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	27,300	16,860	1	6,860

Table A7b: Disposal of fixed asset in all the sectors (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	3,756	0	32,083	828,379	337,296	2,015	1,697
Other manufacturing	0	0	0	0	0	14,454	96	0
Repair and installation of machinery and equipment	0	3,422	0	0	50,343	75,789	540	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	1,645,370	5,255,669	0	800
Water collection, treatment and supply	0	0	0	0	421,762	15,084,683	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	66,000	0	1,326,000	1,426
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	251,207	1,306	0	0
Services	3,894,315	238,990,295	10,293,321	41,429,124	136,227,575	37,175,538	24,197,278	350,216,462
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	85,234	9,865	89,024	3,723,572	2,012,341	1,746,540	793,974
Wholesale trade, except of motor vehicles and motorcycles	0	135,684	1,867,092	0	1,287,913	3,236,785	178,114	14,482
Retail trade, except of motor vehicles and motorcycles	155,291	1,363,565	271,500	404,538	4,998,142	1,885,901	714,042	261,676
Land transport and transport via pipelines	500	250,080	0	58,115	6,535,536	436,617	604,688	199,701
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	207,548	615,547	228,977	184,347
Warehousing and support activities for transportation	5	750,000	0	0	7,618,411	1,067,427	316,573	542,760
Postal and courier activities	0	0	0	204	325,797	0	0	52,509
Accommodation	17,549	2,445,000	0	36	604,444	801,863	26,673	8,004
Food and beverage service activities	0	16,300	0	1,013	728,419	3,795	61,698	728,435
Publishing activities	0	0	0	0	202,866	82,050	33,252	41,120
Motion picture, video and television programme production, sound recorded	6,250	0	0	0	0	40,931	211	0
Programming and broadcasting activities	18,884	0	0	25,294	557,566	801,608	56,753	104,455,431
Telecommunications	6,919	0	0	2,000	54,048,806	15,356,364	113,849	11,623,039
Computer programming, consultancy and related activities	3,002,000	0	0	0	132,277	80,319	197,189	111,779
Information service activities	2,350	0	0	0	1,631,496	11,219	800	1,400
Financial service activities, except insurance and pension funding	0	0	7,332,084	794,903	43,210,400	1,022,923	15,655,638	228,317,737

Table A7b: Disposal of fixed asset in all the sectors (Cont'd)

ISIC Group	Assets							Other Tangible Assets
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	
Service (Cont'd)								
Insurance, reinsurance and pension funding, except compulsory social security	625,890	0	0	0	2,275,758	5,700	78,429	1,029,279
Activities auxiliary to financial service and insurance activities	0	0	0	0	131,058	0	36,082	0
Real estate activities	0	33,886,019	9,785	3,493,678	257,842	3,000	0	0
Legal and accounting activities	0	0	0	0	94,360	4,714	1,189	12,511
Activities of head offices; management consultancy activities	1,656	0	0	0	10,552	0	21,750	928,209
Architectural and engineering activities; technical testing and analysis	0	0	0	0	1,515,225	7,164,351	0	399,085
Scientific research and development	0	0	0	0	10,500	0	0	0
Advertising and market research	0	0	0	0	9,000	3,000	8,882	15,179
Other professional, scientific and technical activities	7,923	103,889	0	4,721	362,194	194,364	8,875	72,287
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	1,000	20,000	352,704	0	484,253	156,878	28,029	401
Employment activities	0	0	0	0	30,238	0	995	0
Travel agency, tour operator, reservation service and related activities	9,275	4,000	0	0	0	11,425	0	0
Security and investigation activities	0	0	0	19,900	472,503	121,220	20,800	1,980
Services to buildings and landscape activities	0	0	0	0	176,099	0	9,778	0
Office administrative, office support and other business support activities	0	0	0	0	254,232	359,959	78,652	50,351
Education	579	9,526	450,291	14,151,132	1,438,825	498,507	3,776,609	86,810
Human health activities	2,866	169,533,333	0	16,697,183	441,464	773,724	144,723	8,055
Residential care activities	0	0	0	0	22,700	0	0	0
Social work activities without accommodation	0	0	0	5,154,987	177,901	21,330	7,381	53,985
Creative, arts and entertainment activities	25	0	0	1,203	0	3,323	491	705
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	900	0
Gambling and betting activities	0	0	0	106	35,174	11,385	298	31,875
Sports activities and amusement and recreation activities	0	0	0	0	14,113	2,576	0	1,238
Activities of membership organizations	10,683	242,836	0	465,758	1,365,858	15,006	18,906	147,639
Repair of computers and personal and household goods	11,325	30,144,828	0	24,792	625,917	35,274	2,653	40,480
Other personal service activities	13,344	0	0	40,538	208,615	334,112	16,859	0

Table A7c: Disposal of fixed asset in all the sectors in Western region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All sectors -Western region	49,421,446	48,100	1,569,882	16,050,680	35,946,027	331,944,226	7,467,928	147,588,990
Agriculture, forestry and fishing	0	0	0	0	1	0	200	0
Crop and animal production, hunting and related service activities	0	0	0	0	0	0	200	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	1	0	0	0
Industry	49,419,048	3,756	1,569,882	6,260,229	35,053,209	331,886,563	3,755,673	147,451,094
Extraction of crude petroleum and natural gas	0	0	979,804	0	86,860	137,065,824	0	0
Mining of metal ores	49,419,048	0	551,073	5,972,464	33,957,734	172,195,429	3,209,627	147,237,220
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	0	0	19,408,740	0	0
Manufacture of food products	0	0	0	0	258,468	300,735	0	213,874
Manufacture of beverages	0	0	0	0	43,500	0	0	0
Manufacture of textiles	0	0	0	0	0	0	0	0
Manufacture of wearing apparel	0	0	0	6,900	0	0	0	0
Manufacture of leather and related products	0	0	0	0	0	1,200	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	180,000	126,408	89,775	0	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	0	0	39,005	0	219,167	361,561	4,328	0
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	100,865	307,405	2,087,658	541,718	0
Manufacture of other non-metallic mineral products	0	0	0	0	0	0	0	0
Manufacture of basic metals	0	0	0	0	7,000	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	0	0	0	1,190	0	0
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0	0

Table A7c: Disposal of fixed asset in all the sectors in Western region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	200	0	0
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	3,756	0	0	46,667	225	0	0
Other manufacturing	0	0	0	0	0	0	0	0
Repair and installation of machinery and equipment	0	0	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	372,720	0	0
Water collection, treatment and supply	0	0	0	0	0	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	1,306	0	0
Services	2,398	44,344	0	9,790,451	892,817	57,663	3,712,055	137,896
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	0	0	16,000	49,669	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	2,800	0	0	0
Retail trade, except of motor vehicles and motorcycles	0	9,344	0	47	0	400	1,730	0
Land transport and transport via pipelines	0	0	0	200	646,000	0	0	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	0	0	0	0	0
Postal and courier activities	0	0	0	204	0	0	0	24
Accommodation	0	15,000	0	0	12,000	0	0	0
Food and beverage service activities	0	0	0	0	0	0	0	0
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	0	0	0
Programming and broadcasting activities	0	0	0	0	9,750	0	0	0
Telecommunications	198	0	0	0	0	0	8	0
Computer programming, consultancy and related activities	2,000	0	0	0	0	0	0	0
Information service activities	0	0	0	0	1	0	800	1,400
Financial service activities, except insurance and pension funding	0	0	0	0	35,595	0	0	105,329

Table A7c: Disposal of fixed asset in all the sectors in Western region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Services (Cont'd)								
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	0	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	3,000	0	2
Other professional, scientific and technical activities	0	0	0	0	0	3,180	600	850
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	20,000	0	0	0	0	0	0
Employment activities	0	0	0	0	15,000	0	995	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	15,600	5	70,656	30,291
Education	200	0	0	9,790,000	7,456	0	3,634,800	0
Human health activities	0	0	0	0	0	0	0	0
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	0	0
Creative, arts and entertainment activities	0	0	0	0	0	0	0	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	0	0	884	0	0
Sports activities and amusement and recreation activities	0	0	0	0	0	0	0	0
Activities of membership organizations	0	0	0	0	0	0	2,266	0
Repair of computers and personal and household goods	0	0	0	0	0	459	200	0
Other personal service activities	0	0	0	0	132,615	66	0	0

Table A7d: Disposal of fixed asset in all the sectors in Central region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All sectors -Central region	10,683	3,050,000	0	0	873,237	1,003,875	224,437	22,775
Agriculture, forestry and fishing	0	0	0	0	0	0	0	0
Crop and animal production, hunting and related service activities	0	0	0	0	0	0	0	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Industry	0	0	0	0	174,422	964,519	218,987	17,522
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0	0
Other mining and quarrying	0	0	0	0	0	0	3,000	1,650
Mining support service activities	0	0	0	0	0	0	0	0
Manufacture of food products	0	0	0	0	0	25,106	0	0
Manufacture of beverages	0	0	0	0	0	0	0	0
Manufacture of textiles	0	0	0	0	0	0	0	0
Manufacture of wearing apparel	0	0	0	0	0	0	0	0
Manufacture of leather and related products	0	0	0	0	0	25	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	0	0	0	0	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	15,111
Printing and reproduction of recorded media	0	0	0	0	0	0	0	756
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	126,006	782,188	215,948	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	1,500	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	0	0	0	0	0
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	0	0	38,400	1,300	39	0
Manufacture of computer, electronic and optical products	0	0	0	0	0	600	0	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0	0

Table A7d: Disposal of fixed asset in all the sectors in Central region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	5,800	0	0	0
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	0	0	0	0	0	0	5
Other manufacturing	0	0	0	0	0	0	0	0
Repair and installation of machinery and equipment	0	0	0	0	2,716	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	155,300	0	0
Water collection, treatment and supply	0	0	0	0	0	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	0	0	0
Services	10,683	3,050,000	0	0	698,815	39,356	5,450	5,253
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	0	0	184,000	0	0	15
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	0	0	0	500
Retail trade, except of motor vehicles and motorcycles	0	0	0	0	0	0	0	0
Land transport and transport via pipelines	0	0	0	0	17,700	0	0	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	0	0	0	0	0
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation	0	0	0	0	0	0	0	2
Food and beverage service activities	0	0	0	0	0	0	0	0
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	0	0	0
Programming and broadcasting activities	0	0	0	0	0	2	0	0
Telecommunications	0	0	0	0	0	0	0	0
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	0	0	0	0	0	0	0
Financial service activities, except insurance and pension funding	0	0	0	0	0	0	0	0

Table A7d: Disposal of fixed asset in all the sectors in Central region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Service (Cont'd)								
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	3,050,000	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	0	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	0	0	0	0	2,055
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	0	0	0	0	0	0	0
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	0	8,633	2,467	1,950
Education	0	0	0	0	360,640	0	0	0
Human health activities	0	0	0	0	0	0	0	0
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	0	0
Creative, arts and entertainment activities	0	0	0	0	0	0	0	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	0	0	0	0	0
Sports activities and amusement and recreation activities	0	0	0	0	0	268	0	731
Activities of membership organizations	10,683	0	0	0	136,475	0	0	0
Repair of computers and personal and household goods	0	0	0	0	0	606	0	0
Other personal service activities	0	0	0	0	0	29,847	2,983	0

Table A7e: Disposal of fixed asset in all the sectors in Greater Accra region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors - Greater Accra region	3,851,824	234,430,473	58,352,344	27,254,049	603,284,558	17,965,653,323	162,902,386	381,373,631
Agriculture, forestry and fishing	25,693	258,182	11,658,941	1,398,375	129,349	616,869	69,365	1,079,962
Crop and animal production, hunting and related service activities	25,693	258,182	11,658,941	1,398,375	129,349	616,869	0	1,079,962
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	69,365	0
Industry	0	542,268	43,884,253	875,491	476,159,283	17,930,883,155	148,248,049	38,178,860
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	325,325	0	82,000	824,272	10,422,906	0	861,805
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	323,861	0	467,274,033	17,888,519,167	146,039,003	0
Manufacture of food products	0	191	0	144	1,033,526	308,251	0	7,379,769
Manufacture of beverages	0	0	0	0	2,810,111	6,891,583	717,639	29,293,776
Manufacture of textiles	0	0	0	0	1,813	0	0	0
Manufacture of wearing apparel	0	0	0	0	0	20,426	0	0
Manufacture of leather and related products	0	0	0	0	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	745	31,360	0	1,241	0
Manufacture of paper and paper products	0	0	335	0	208,226	207,300	0	0
Printing and reproduction of recorded media	0	0	0	56,084	155,237	62,298	41,473	69,067
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	144,878	32,415	0	565,151
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	736,518	77,816	0	9,322	2,892
Manufacture of rubber and plastics products	0	0	43,560,057	0	198,509	4,085,571	29,001	0
Manufacture of other non-metallic mineral products	0	212,952	0	0	31,845	103,310	0	2,531
Manufacture of basic metals	0	0	0	0	74,032	1,240,627	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	0	0	225,557	44,099	84,360	0
Manufacture of computer, electronic and optical products	0	3,800	0	0	4,800	0	0	0
Manufacture of electrical equipment	0	0	0	0	2,000	0	0	3,069
Manufacture of machinery and equipment n.e.c.	0	0	0	0	219,074	10,751	0	0

Table A7e: Disposal of fixed asset in all the sectors in Greater Accra region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	0	0
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	0	0	0	706,180	236,807	10	0
Other manufacturing	0	0	0	0	0	0	0	0
Repair and installation of machinery and equipment	0	0	0	0	46,617	75,789	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	1,604,340	3,547,369	0	800
Water collection, treatment and supply	0	0	0	0	167,850	15,074,486	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	66,000	0	1,326,000	0
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	251,207	0	0	0
Services	3,826,131	233,630,023	2,809,150	24,980,183	126,995,929	34,153,301	14,584,971	342,114,810
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	9,865	89,024	3,288,963	1,554,010	1,746,540	793,959
Wholesale trade, except of motor vehicles and motorcycles	0	8,484	1,867,092	0	984,615	3,208,665	178,114	6,422
Retail trade, except of motor vehicles and motorcycles	155,251	740,003	270,000	0	1,887,207	1,590,603	444,743	240,971
Land transport and transport via pipelines	500	193,830	0	57,915	5,216,088	436,617	604,688	145,361
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	207,548	615,547	228,977	184,347
Warehousing and support activities for transportation	0	750,000	0	0	7,524,301	1,067,427	316,572	542,760
Postal and courier activities	0	0	0	0	324,597	0	0	52,444
Accommodation	17,549	2,430,000	0	0	358,152	768,685	26,637	8,002
Food and beverage service activities	0	0	0	2	346,348	975	49,226	0
Publishing activities	0	0	0	0	202,866	56,050	33,252	38,000
Motion picture, video and television programme production, sound recorded	6,250	0	0	0	0	0	0	0
Programming and broadcasting activities	0	0	0	0	547,116	713,925	31,310	104,455,131
Telecommunications	6,521	0	0	2,000	54,048,806	15,336,879	113,841	11,622,758
Computer programming, consultancy and related activities	3,000,000	0	0	0	132,277	80,319	196,354	69,544
Information service activities	0	0	0	0	1,630,395	10,000	0	0

Table A7e: Disposal of fixed asset in all the sectors in Greater Accra region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Services (Cont'd)								
Financial service activities, except insurance and pension funding	0	0	298,704	26,961	41,845,879	174,369	10,309,560	221,232,988
Insurance, reinsurance and pension funding, except compulsory social security	625,890	0	0	0	2,275,758	5,700	78,429	1,029,279
Activities auxiliary to financial service and insurance activities	0	0	0	0	131,058	0	36,082	0
Real estate activities	0	29,820,019	9,785	3,493,678	257,842	3,000	0	0
Legal and accounting activities	0	0	0	0	55,860	0	0	6,854
Activities of head offices; management consultancy activities	1,656	0	0	0	0	0	21,750	928,209
Architectural and engineering activities; technical testing and analysis	0	0	0	0	1,505,985	7,164,351	0	398,985
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	8,000	0	8,882	15,177
Other professional, scientific and technical activities	7,923	0	0	0	230,424	168,858	8,274	51,982
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	1,000	0	352,704	0	386,364	7,109	2,500	0
Employment activities	0	0	0	0	15,238	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	4,800	0	0
Security and investigation activities	0	0	0	0	451,703	74,250	0	1,980
Services to buildings and landscape activities	0	0	0	0	176,099	0	9,778	0
Office administrative, office support and other business support activities	0	0	0	0	235,632	343,343	0	0
Education	0	9,526	1,000	68,851	374,528	119,311	66,940	55,308
Human health activities	2,866	169,533,333	0	16,086,667	379,131	445,055	66,672	8,055
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	5,154,987	177,901	21,330	5,400	48,244
Creative, arts and entertainment activities	0	0	0	0	0	1,500	0	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	0	35,174	10,500	0	7,875
Sports activities and amusement and recreation activities	0	0	0	0	14,113	49	0	0
Activities of membership organizations	0	0	0	98	1,167,183	2,000	400	132,095
Repair of computers and personal and household goods	725	30,144,828	0	0	496,778	74	50	38,080
Other personal service activities	0	0	0	0	76,000	168,000	0	0

Table A7f: Disposal of fixed asset in all the sectors in Volta region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors -Volta region	29,863	55,729	0	303,256	384,608	3,902,224	17,930	50,529
Agriculture, forestry and fishing	0	12,000	0	0	0	0	0	0
Crop and animal production, hunting and related service activities	0	12,000	0	0	0	0	0	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Industry	0	3,818	0	237,420	126,123	3,845,848	11,848	16,407
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0	0
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacture of food products	0	0	0	0	62,290	600	0	0
Manufacture of beverages	0	0	0	222,888	0	3,658,298	11,598	16,399
Manufacture of textiles	0	0	0	0	0	0	0	0
Manufacture of wearing apparel	0	0	0	0	0	150	0	0
Manufacture of leather and related products	0	3,818	0	0	15,273	0	250	8
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	10,967	0	19,000	0	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	0	0	0	0	3,600	0	0	0
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	3,565	0	0	0	0
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	0	0	24,960	3,000	0	0
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	1,000	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	0	0
Manufacture of other transport equipment	0	0	0	0	0	0	0	0

Table A7f: Disposal of fixed asset in all the sectors in Volta region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of furniture	0	0	0	0	20,000	0	0	0
Other manufacturing	0	0	0	0	0	8,500	0	0
Repair and installation of machinery and equipment	0	0	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	155,300	0	0
Water collection, treatment and supply	0	0	0	0	0	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	0	0	0
Services	29,863	39,911	0	65,837	258,485	56,375	6,083	34,123
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	0	0	4,382	1,644	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	2,500	0	0	0
Retail trade, except of motor vehicles and motorcycles	0	26,111	0	0	4,000	4,998	270	1,271
Land transport and transport via pipelines	0	0	0	0	0	0	0	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	0	20,001	0	0	0
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation	0	0	0	0	24,727	0	0	0
Food and beverage service activities	0	13,800	0	1,011	49,583	0	0	0
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	0	0	0
Programming and broadcasting activities	18,884	0	0	0	0	0	0	0
Telecommunications	0	0	0	0	0	0	0	0
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	0	0	0	0	0	0	0
Financial service activities, except insurance and pension funding	0	0	0	0	4,823	11,000	0	0

Table A7f: Disposal of fixed asset in all the sectors in Volta region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Service (Cont'd)								
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	38,500	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	0	100,200	0	0	14,700
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	0	0	0	0	0	5,400	0
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	0	7,894	0	0
Education	379	0	0	0	0	0	0	420
Human health activities	0	0	0	0	0	0	5	0
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	0	0
Creative, arts and entertainment activities	0	0	0	0	0	240	199	199
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	4	0	0	200	0
Sports activities and amusement and recreation activities	0	0	0	0	0	0	0	0
Activities of membership organizations	0	0	0	0	0	0	0	15,133
Repair of computers and personal and household goods	10,600	0	0	24,792	9,769	29,780	4	2,400
Other personal service activities	0	0	0	40,030	0	819	5	0

Table A7g: Disposal of fixed asset in all the sectors in Eastern region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors -Eastern region	65	910,000	0	611,838	4,416,571	3,049,737	375,392	61,651
Agriculture, forestry and fishing	0	0	0	0	32,500	32,406	0	0
Crop and animal production, hunting and related service activities	0	0	0	0	32,500	32,406	0	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Industry	0	0	0	0	2,947,574	5,315,500	337,520	97,090
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	336	284,484	0	0
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacture of food products	0	0	0	0	9,536	1,402,480	0	0
Manufacture of beverages	0	0	0	0	175,066	44,735	0	0
Manufacture of textiles	0	0	0	0	25,218	0	0	0
Manufacture of wearing apparel	0	0	0	0	0	23,773	0	0
Manufacture of leather and related products	0	0	0	0	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	0	8,743	706,646	6,415	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	0	0	0	0	0	3,400	400	300
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	985,048	10	158,725	46,070
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	0	0	0	3,220	0
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	0	0	245,690	0	0	0
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0	1,500
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	5,500	0	0	0
Manufacture of other transport equipment	0	0	0	0	0	0	0	0

Table A7g: Disposal of fixed asset in all the sectors in Eastern region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of furniture	0	0	0	0	0	0	0	675
Other manufacturing	0	0	0	0	0	5,862	0	0
Repair and installation of machinery and equipment	0	0	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	18,650	186,360	0	0
Water collection, treatment and supply	0	0	0	0	0	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	0	0	0
Services	65	910,000	0	611,838	2,910,284	359,582	206,632	13,105
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	10,000	0	0	0	0	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	40	0	0	401	2,079,959	4,817	98,016	10,689
Land transport and transport via pipelines	0	0	0	0	36,266	0	0	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	0	0	0	0	0
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation	0	0	0	0	209,514	3,142	0	0
Food and beverage service activities	0	0	0	0	0	300	0	0
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	0	188	0
Programming and broadcasting activities	0	0	0	0	200	2,500	100	300
Telecommunications	0	0	0	0	0	1,003	0	200
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	0	0	0	0	0	0	0
Financial service activities, except insurance and pension funding	0	0	0	0	118,639	13,149	7,753	0
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0

Table A7g: Disposal of fixed asset in all the sectors in Eastern region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Service (Cont'd)								
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	900,000	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	0	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	100
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	0	0	0	0	0
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	0	0	0	25,571	880	20,114	251
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	0	0	0	253
Education	0	0	0	0	354,422	1,567	0	300
Human health activities	0	0	0	610,516	0	328,669	75,041	0
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	0	0
Creative, arts and entertainment activities	25	0	0	503	0	983	56	506
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	0	0	0	0	0
Sports activities and amusement and recreation activities	0	0	0	0	0	1,772	0	506
Activities of membership organizations	0	0	0	30	4,000	0	5,364	0
Repair of computers and personal and household goods	0	0	0	0	81,713	800	0	0
Other personal service activities	0	0	0	388	0	0	0	0

Table A7h: Disposal of fixed asset in all the sectors in Ashanti region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors -Ashanti region	11,631	726,823	7,559,492	4,442,849	29,878,306	151,154,404	5,548,118	5,867,630
Agriculture, forestry and fishing	0	0	0	0	0	2,357	0	0
Crop and animal production, hunting and related service activities	0	0	0	0	0	2,357	0	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Industry								
Extraction of crude petroleum and natural gas	1	218,950	76,821	12	27,025,513	150,280,083	79,908	202,834
Mining of metal ores	0	0	0	0	26,531,454	145,922,992	1	0
Other mining and quarrying	1	0	0	0	0	896,182	2,531	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacture of food products	0	55,750	0	0	75,000	67,072	279	12,000
Manufacture of beverages	0	0	0	0	900	0	0	132,599
Manufacture of textiles	0	0	0	0	0	0	0	0
Manufacture of wearing apparel	0	0	0	0	0	698,360	0	0
Manufacture of leather and related products	0	0	0	0	0	29,555	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	0	0	642,496	74,526	49,950
Manufacture of paper and paper products	0	0	0	0	0	75,000	0	0
Printing and reproduction of recorded media	0	0	0	0	63,276	219,667	0	0
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	9,621	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	12	42,625	0	0	0
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	163,200	67,200	0	3,966	788,265	2,571	0
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	16,000	16,660	0	6,860
Manufacture of other transport equipment	0	0	0	0	0	0	0	0

Table A7h: Disposal of fixed asset in all the sectors in Ashanti region (Cont'd)

ISIC Group	Assets							Other Tangible Assets
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	
Industry (Cont'd)								
Manufacture of furniture	0	0	0	0	16,000	85,122	0	0
Other manufacturing	0	0	0	0	0	92	0	0
Repair and installation of machinery and equipment	0	0	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	22,380	838,620	0	0
Water collection, treatment and supply	0	0	0	0	253,912	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	1,425
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	0	0	0
Services	11,630	507,873	7,482,671	4,442,837	2,852,793	871,963	5,468,209	5,664,795
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	75,234	0	0	135,566	50,556	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	258,395	14,345	0	0
Retail trade, except of motor vehicles and motorcycles	0	272,500	0	100,412	695,408	696	129,426	0
Land transport and transport via pipelines	0	56,250	0	0	519,829	0	0	54,340
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	5	0	0	0	73,709	0	0	0
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation	0	0	0	36	36	36	36	0
Food and beverage service activities	0	0	0	0	17,500	0	250	725,942
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	40,931	23	0
Programming and broadcasting activities	0	0	0	25,294	0	85,181	20,343	0
Telecommunications	0	0	0	0	0	0	0	81
Computer programming, consultancy and related activities	0	0	0	0	0	0	835	40,114
Information service activities	2,350	0	0	0	0	419	0	0
Financial service activities, except insurance and pension funding	0	0	7,033,380	0	578,728	0	5,218,201	4,802,285
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0

Table A7h: Disposal of fixed asset in all the sectors in Ashanti region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Service (Cont'd)								
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	0	4,714	189	5,657
Activities of head offices; management consultancy activities	0	0	0	0	10,552	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	9,240	0	0	0
Scientific research and development	0	0	0	0	10,500	0	0	0
Advertising and market research	0	0	0	0	1,000	0	0	0
Other professional, scientific and technical activities	0	103,889	0	4,721	0	3,002	0	0
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	0	0	0	72,318	148,889	0	0
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	9,275	0	0	0	0	6,625	0	0
Security and investigation activities	0	0	0	19,900	20,800	46,970	20,800	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	0	0	0	0
Education	0	0	449,291	4,292,281	341,779	350,178	72,815	30,544
Human health activities	0	0	0	0	26,333	0	3,005	0
Residential care activities	0	0	0	0	2,700	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	1,981	5,741
Creative, arts and entertainment activities	0	0	0	0	0	0	0	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	102	0	0	5	0
Sports activities and amusement and recreation activities	0	0	0	0	0	0	0	0
Activities of membership organizations	0	0	0	91	57,000	1,002	300	91
Repair of computers and personal and household goods	0	0	0	0	21,400	351	0	0
Other personal service activities	0	0	0	0	0	118,068	0	0

Table A7i: Disposal of fixed asset in all the sectors in Brong Ahafo region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors - Brong Ahafo region	18,344	746,589	1,500	70,005	791,113	592,806	71,255	86,906
Agriculture, forestry and fishing	0	0	0	0	155,114	0	0	0
Crop and animal production, hunting and related service activities	0	0	0	0	155,114	0	0	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Industry	5,000	3,422	0	13	79,919	31,707	5,197	8,778
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0	0
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacture of food products	0	0	0	0	9,375	0	0	144
Manufacture of beverages	0	0	0	0	0	10,844	0	0
Manufacture of textiles	0	0	0	0	0	0	0	0
Manufacture of wearing apparel	0	0	0	0	0	500	0	0
Manufacture of leather and related products	0	0	0	0	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	0	0	0	0	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	0	0	0	0	0	7,737	0	7,417
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	0	0	0	0	0
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	5,000	0	0	13	62,944	0	5,020	200
Manufacture of computer, electronic and optical products	0	0	0	0	1,200	200	0	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	4,000	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	1	0

Table A7i: Disposal of fixed asset in all the sectors in Brong Ahafo region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	0	0	0	2,400	12,426	80	1,017
Other manufacturing	0	0	0	0	0	0	96	0
Repair and installation of machinery and equipment	0	3,422	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Water collection, treatment and supply	0	0	0	0	0	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	0	0	0
Services	13,344	743,166	1,500	69,992	556,079	561,097	66,057	78,129
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	0	0	7,943	313,091	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	124,200	0	0	5,000	12,775	0	7,560
Retail trade, except of motor vehicles and motorcycles	0	253,630	1,500	8,784	70,572	134,159	9,623	8,147
Land transport and transport via pipelines	0	0	0	0	99,653	0	0	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	0	0	0	0	0
Postal and courier activities	0	0	0	0	0	0	0	41
Accommodation	0	0	0	0	0	0	0	0
Food and beverage service activities	0	2,500	0	0	314,988	0	8,445	2,493
Publishing activities	0	0	0	0	0	26,000	0	3,120
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	0	0	0
Programming and broadcasting activities	0	0	0	0	500	0	5,000	0
Telecommunications	0	0	0	0	0	18,482	0	0
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	2,121
Information service activities	0	0	0	0	1,100	800	0	0
Financial service activities, except insurance and pension funding	0	0	0	550	8,025	5,340	28,058	24,700
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0

Table A7i: Disposal of fixed asset in all the sectors in Brong Ahafo region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Service (Cont'd)								
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	116,000	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	0	0	1,000	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	0	4,870	2,500	1	0
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	0	0	0	0	0	0	0
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	4,000	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	3,000	83	5,526	5,737
Education	0	0	0	0	0	27,450	2,053	0
Human health activities	0	0	0	0	36,000	0	0	0
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	0	0
Creative, arts and entertainment activities	0	0	0	0	0	0	36	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	0	0	1	90	24,000
Sports activities and amusement and recreation activities	0	0	0	0	0	487	0	0
Activities of membership organizations	0	242,836	0	60,658	1,200	1,796	220	210
Repair of computers and personal and household goods	0	0	0	0	3,228	925	0	0
Other personal service activities	13,344	0	0	0	0	17,208	6,005	0

Table A7j: Disposal of fixed asset in all the sectors in Northern region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors -Northern region	0	61,977	0	1,427,007	910,539	1,215,824	141,842	2,160,610
Agriculture, forestry and fishing	0	0	0	0	83,326	10,850	1,950	0
Crop and animal production, hunting and related service activities	0	0	0	0	83,326	10,850	1,950	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Industry	0	0	0	43,306	41,122	138,827	6,381	0
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0	0
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacture of food products	0	0	0	0	0	98,813	0	0
Manufacture of beverages	0	0	0	10,723	36,000	6,214	2,364	0
Manufacture of textiles	0	0	0	0	0	360	0	0
Manufacture of wearing apparel	0	0	0	0	0	19,686	1,922	0
Manufacture of leather and related products	0	0	0	0	0	80	30	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	0	0	0	0	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	0	0	0	0	0	0	0	0
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	0	300	0	0	0
Manufacture of basic metals	0	0	0	0	0	110	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	0	350	4,822	150	80	0
Manufacture of computer, electronic and optical products	0	0	0	150	0	500	60	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	0	0

Table A7j: Disposal of fixed asset in all the sectors in Northern region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	0	0	32,083	0	2,717	1,925	0
Other manufacturing	0	0	0	0	0	0	0	0
Repair and installation of machinery and equipment	0	0	0	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Water collection, treatment and supply	0	0	0	0	0	10,197	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	0	0	0
Services	0	61,977	0	1,383,700	786,092	1,066,147	133,511	2,160,610
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	0	0	2,880	43,371	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	743	0	0	0
Retail trade, except of motor vehicles and motorcycles	0	61,977	0	294,893	132,580	150,208	27,094	598
Land transport and transport via pipelines	0	0	0	0	0	0	0	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	0	400	0	0	0
Postal and courier activities	0	0	0	0	1,200	0	0	0
Accommodation	0	0	0	0	15	30,000	0	0
Food and beverage service activities	0	0	0	0	0	2,520	0	0
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	0	0	0
Programming and broadcasting activities	0	0	0	0	0	0	0	0
Telecommunications	0	0	0	0	0	0	0	0
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	0	0	0	0	0	0	0
Financial service activities, except insurance and pension funding	0	0	0	683,165	618,711	819,065	84,680	2,152,434

Table A7j: Disposal of fixed asset in all the sectors in Northern region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Service (Cont'd)								
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	0	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	0	7,500	8,000	0	0
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	0	0	0	0	0	15	150
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	0	0	0	7,080
Education	0	0	0	0	0	0	0	237
Human health activities	0	0	0	0	0	0	0	0
Residential care activities	0	0	0	0	20,000	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	0	0
Creative, arts and entertainment activities	0	0	0	700	0	400	200	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	900	0
Gambling and betting activities	0	0	0	0	0	0	0	0
Sports activities and amusement and recreation activities	0	0	0	0	0	0	0	0
Activities of membership organizations	0	0	0	404,822	0	10,207	10,356	111
Repair of computers and personal and household goods	0	0	0	0	2,063	2,273	2,399	0
Other personal service activities	0	0	0	120	0	103	7,867	0

Table 7k: Disposal of fixed asset in all the sectors in Upper East region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors -Upper East region	0	3,000	0	84,366	194,818	11,489	447	2,701
Agriculture, forestry and fishing	0	0	0	0	0	0	0	0
Crop and animal production, hunting and related service activities	0	0	0	0	0	0	0	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Industry	0	0	0	80	119,236	3,440	440	1
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	118,326	0	0	0
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacture of food products	0	0	0	80	0	3,420	0	0
Manufacture of beverages	0	0	0	0	50	0	0	0
Manufacture of textiles	0	0	0	0	0	0	0	0
Manufacture of wearing apparel	0	0	0	0	0	0	0	0
Manufacture of leather and related products	0	0	0	0	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	0	0	0	0	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	0	0	0	0	0	0	0	0
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	0	0	0	0	0
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	0	0	0	0	20	0	0
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	0	0

Table 7k: Disposal of fixed asset in all the sectors in Upper East region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	0	0	0	860	0	0	0
Other manufacturing	0	0	0	0	0	0	0	0
Repair and installation of machinery and equipment	0	0	0	0	0	0	440	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Water collection, treatment and supply	0	0	0	0	0	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	1
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	0	0	0
Services	0	3,000	0	84,285	75,582	8,049	7	2,700
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	0	0	3,413	0	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	3,000	0	0	31,147	0	0	0
Retail trade, except of motor vehicles and motorcycles	0	0	0	0	24,389	20	0	0
Land transport and transport via pipelines	0	0	0	0	0	0	0	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	0	0	0	1	0
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation	0	0	0	0	0	0	0	0
Food and beverage service activities	0	0	0	0	0	0	0	0
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	0	0	0
Programming and broadcasting activities	0	0	0	0	0	0	0	0
Telecommunications	0	0	0	0	0	0	0	0
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	0	0	0	0	0	0	0
Financial service activities, except insurance and pension funding	0	0	0	84,226	0	0	0	0

Table 7k: Disposal of fixed asset in all the sectors in Upper East region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Service (Cont'd)								
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	0	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	0	9,200	7,824	0	2,700
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	0	0	0	0	0	0	0
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	0	0	3	0
Education	0	0	0	0	0	0	0	0
Human health activities	0	0	0	0	0	0	0	0
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	0	0
Creative, arts and entertainment activities	0	0	0	0	0	200	0	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	0	0	0	3	0
Sports activities and amusement and recreation activities	0	0	0	0	0	0	0	0
Activities of membership organizations	0	0	0	59	0	0	0	0
Repair of computers and personal and household goods	0	0	0	0	7,433	5	0	0
Other personal service activities	0	0	0	0	0	0	0	0

Table A71: Disposal of fixed asset in all the sectors in Upper West region

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
All Sectors -Upper West region	200	200	0	14,400	461,542	125,448	14,517	5,853
Agriculture, forestry and fishing	0	0	0	0	0	0	0	0
Crop and animal production, hunting and related service activities	0	0	0	0	0	0	0	0
Forestry and logging	0	0	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0	0	0
Industry	0	200	0	14,400	260,844	123,447	214	813
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	202,584	93,374	0	0
Other mining and quarrying	0	0	0	0	0	0	0	0
Mining support service activities	0	0	0	0	0	0	0	0
Manufacture of food products	0	0	0	0	8,582	30,036	114	2
Manufacture of beverages	0	0	0	0	0	0	0	0
Manufacture of textiles	0	0	0	0	600	0	0	0
Manufacture of wearing apparel	0	0	0	0	4,436	37	0	230
Manufacture of leather and related products	0	0	0	0	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture	0	0	0	0	3,109	0	0	0
Manufacture of paper and paper products	0	0	0	0	0	0	0	0
Printing and reproduction of recorded media	0	0	0	0	3,600	0	0	581
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	0	0	0	0	0	0	0	0
Manufacture of other non-metallic mineral products	0	0	0	0	650	0	0	0
Manufacture of basic metals	0	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	0	200	0	14,400	0	0	0	0
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0	0
Manufacture of electrical equipment	0	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	0	0

Table A71: Disposal of fixed asset in all the sectors in Upper West region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Industry (Cont'd)								
Manufacture of other transport equipment	0	0	0	0	0	0	0	0
Manufacture of furniture	0	0	0	0	36,273	0	0	0
Other manufacturing	0	0	0	0	0	0	0	0
Repair and installation of machinery and equipment	0	0	0	0	1,010	0	100	0
Electricity, gas, steam and air conditioning supply	0	0	0	0	0	0	0	0
Water collection, treatment and supply	0	0	0	0	0	0	0	0
Sewerage	0	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0	0
Construction of buildings	0	0	0	0	0	0	0	0
Construction of roads and railways	0	0	0	0	0	0	0	0
Specialized construction activities	0	0	0	0	0	0	0	0
Services								
Wholesale and retail trade and repair of motor vehicles and motorcycles	0	0	0	0	80,426	0	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0	2,713	1,000	0	0
Retail trade, except of motor vehicles and motorcycles	0	0	0	0	104,027	0	3,141	0
Land transport and transport via pipelines	0	0	0	0	0	0	0	0
Water transport	0	0	0	0	0	0	0	0
Air transport	0	0	0	0	0	0	0	0
Warehousing and support activities for transportation	0	0	0	0	0	0	0	0
Postal and courier activities	0	0	0	0	0	0	0	0
Accommodation	0	0	0	0	0	0	0	0
Food and beverage service activities	0	0	0	0	0	0	3,776	0
Publishing activities	0	0	0	0	0	0	0	0
Motion picture, video and television programme production, sound recorded	0	0	0	0	0	0	0	0
Programming and broadcasting activities	0	0	0	0	0	0	0	0
Telecommunications	200	0	0	0	0	0	0	0
Computer programming, consultancy and related activities	0	0	0	0	0	0	0	0
Information service activities	0	0	0	0	0	0	0	0
Financial service activities, except insurance and pension funding	0	0	0	0	0	0	7,385	0

Table A71: Disposal of fixed asset in all the sectors in Upper West region (Cont'd)

ISIC Group	Assets							
	Intangible Assets	Land	Other Construction and land Improvements	Buildings	Transport and Equipment	Machinery and Other Equipment	Furniture and Fittings	Other Tangible Assets
Service (Cont'd)								
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0	0	0
Legal and accounting activities	0	0	0	0	0	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
Scientific research and development	0	0	0	0	0	0	0	0
Advertising and market research	0	0	0	0	0	0	0	0
Other professional, scientific and technical activities	0	0	0	0	10,000	1,000	0	0
Veterinary activities	0	0	0	0	0	0	0	0
Rental and leasing activities	0	0	0	0	0	0	0	0
Employment activities	0	0	0	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0	0	0	0
Security and investigation activities	0	0	0	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0	0	0	0
Office administrative, office support and other business support activities	0	0	0	0	0	0	0	5,040
Education	0	0	0	0	0	0	0	0
Human health activities	0	0	0	0	0	0	0	0
Residential care activities	0	0	0	0	0	0	0	0
Social work activities without accommodation	0	0	0	0	0	0	0	0
Creative, arts and entertainment activities	0	0	0	0	0	0	0	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0	0	0	0
Gambling and betting activities	0	0	0	0	0	0	0	0
Sports activities and amusement and recreation activities	0	0	0	0	0	0	0	0
Activities of membership organizations	0	0	0	0	0	1	0	0
Repair of computers and personal and household goods	0	0	0	0	3,534	0	0	0
Other personal service activities	0	0	0	0	0	0	0	0

Table A8a: Value of stocks at beginning of year in the industry sector by size

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Industry -National	106,330	18,048,886,784	10,405,563,130	3,843,604,842	203,560,687	1,195,627,711	1,202,693,460	1,197,836,954
Mining and quarrying	293	1,179,867,262	602,723,011	117,743,275	103,768,536	152,312,361	48,909,136	154,410,943
Large-Sized Businesses	43	579,118,438	225,467,209	85,815,077	98,897,244	32,315,367	48,653,736	87,969,805
Medium-Sized Businesses	65	553,912,304	347,615,684	19,886,335	3,710,685	116,272,502	0	66,427,098
Small-Sized Businesses	144	46,723,352	29,629,079	12,039,782	1,160,582	3,633,069	248,300	12,540
Micro-Sized Businesses	41	113,166	11,038	2,081	24	91,423	7,100	1,500
Manufacturing	101,789	3,964,975,913	1,793,524,620	656,059,688	40,806,275	748,528,297	574,169,109	151,887,924
Large-Sized Businesses	215	2,526,918,011	1,048,251,583	491,452,408	15,373,082	354,382,246	492,102,459	125,356,233
Medium-Sized Businesses	818	473,854,563	298,304,392	37,383,087	8,833,276	112,502,674	5,808,298	11,022,836
Small-Sized Businesses	25,171	616,177,513	308,413,523	61,363,077	12,452,431	158,122,746	60,629,329	15,196,407
Micro-Sized Businesses	75,585	348,025,824	138,555,121	65,861,115	4,147,485	123,520,631	15,629,023	312,449
Electricity, gas, steam and air conditioning supply	327	1,778,493,940	18,362,108	1,082,241,224	86,109	720,000	768	677,083,731
Large-Sized Businesses	25	1,775,233,613	16,373,418	1,082,241,224	78,673	0	768	676,539,530
Medium-Sized Businesses	5	2,332,254	1,492,341	0	6,876	720,000	0	113,037
Small-Sized Businesses	271	927,991	496,267	0	560	0	0	431,164
Micro-Sized Businesses	26	82	82	0	0	0	0	0
Water supply; sewerage, waste management	507	99,520,650	32,318,791	682,920	202,411	487,643	16,349,085	49,479,800
Large-Sized Businesses	43	62,474,606	31,062,380	0	38,950	15,886	108,250	31,249,140
Medium-Sized Businesses	55	34,344,852	445,408	146,338	3,200	395,167	16,223,746	17,130,993
Small-Sized Businesses	197	2,576,348	759,811	533,502	160,061	70,110	8,101	1,044,763
Micro-Sized Businesses	212	124,846	51,192	3,080	200	6,481	8,988	54,905
Construction	3,414	11,026,029,019	7,958,634,600	1,986,877,735	58,697,356	293,579,410	563,265,362	164,974,556
Large-Sized Businesses	77	342,305,624	177,938,131	130,854,252	10,475,837	17,389,772	248,118	5,399,514
Medium-Sized Businesses	359	2,648,261,477	233,636,983	1,526,515,583	18,959,231	177,042,193	544,219,934	147,887,553
Small-Sized Businesses	1,910	8,005,091,276	7,537,409,663	318,606,085	20,512,419	98,975,199	17,915,928	11,671,982
Micro-Sized Businesses	1,068	30,370,642	9,649,823	10,901,815	8,749,869	172,246	881,382	15,507

Table A8b: Value of stocks at beginning of year in the industry sector

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Industry - National								
Mining and quarrying	293	1,179,867,262	602,723,011	117,743,275	103,768,536	152,312,361	48,909,136	154,410,943
Extraction of crude petroleum and natural gas	6	173,063,732	757,489	0	33,454,348	0	0	138,851,895
Mining of metal ores	129	400,623,285	214,701,069	73,455,647	65,730,017	32,303,539	8,100	14,424,913
Other mining and quarrying	102	103,269,833	24,622,402	26,734,991	4,534,170	46,787,538	420	590,312
Mining support service activities	56	502,910,411	362,642,051	17,552,637	50,000	73,221,284	48,900,616	543,823
Manufacturing	101,789	3,964,975,913	1,793,524,620	656,059,688	40,806,275	748,528,297	574,169,109	151,887,924
Manufacture of food products	17,471	819,868,024	423,849,941	113,109,421	10,401,931	160,712,672	46,193,375	65,600,684
Manufacture of beverages	2,328	1,095,397,142	240,094,770	342,600,607	2,745,407	58,022,646	435,924,065	16,009,647
Manufacture of textiles	2,596	50,090,849	28,169,352	14,328,580	330,791	5,050,614	827,727	1,383,785
Manufacture of wearing apparel	49,812	249,597,455	94,726,293	57,098,569	3,346,961	78,073,721	16,085,162	266,749
Manufacture of leather and related products	3,441	43,897,120	24,671,486	4,843,960	2,992,390	10,132,260	1,249,217	7,807
Manufacture of wood and of products of wood and cork, except furniture;	2,065	159,511,415	41,084,552	13,782,878	3,592,043	87,002,303	3,214,075	10,835,564
Manufacture of paper and paper products	288	93,686,820	46,689,048	6,862,516	652,878	23,680,351	15,644,860	157,167
Printing and reproduction of recorded media	1,689	28,307,678	19,853,562	1,246,641	74,153	2,621,368	1,776,233	2,735,721
Manufacture of coke and refined petroleum products	10	22,041,101	12,041,785	214,694	2,131	5,690,267	4,092,224	0
Manufacture of chemicals and chemical products	344	255,515,751	186,873,153	22,183,890	2,803,914	30,095,526	12,030,962	1,528,306
Manufacture of pharmaceuticals, medicinal chemical and botanical products	131	75,507,499	52,760,534	8,035,584	1,445,219	11,170,567	535,789	1,559,806
Manufacture of rubber and plastics products	202	276,504,040	167,228,276	5,168,879	4,925,231	79,457,211	10,757,829	8,966,614
Manufacture of other non-metallic mineral products	1,845	131,375,245	93,389,537	12,209,601	1,515,582	18,611,963	957,603	4,690,959
Manufacture of basic metals	383	159,706,277	110,129,317	8,514,968	264,367	31,088,888	2,245,516	7,463,221
Manufacture of fabricated metal products, except machinery and equipment	7,984	273,064,362	147,052,234	24,825,658	2,583,300	81,020,328	16,468,098	1,114,744
Manufacture of computer, electronic and optical products	123	17,775,421	3,670,820	53,045	534,286	3,071,166	247,485	10,198,619
Manufacture of electrical equipment	129	51,427,934	24,298,627	2,077,531	350	19,062,010	11,151	5,978,265
Manufacture of machinery and equipment n.e.c.	360	7,990,029	5,277,212	947,822	165,033	1,020,838	309,124	270,000
Manufacture of motor vehicles, trailers and semi-trailers	353	2,868,979	1,772,530	92,358	11,253	335,057	657,781	0
Manufacture of other transport equipment	96	1,055,953	288,391	42,911	5,404	66,516	652,731	0
Manufacture of furniture	7,088	114,807,304	44,616,115	14,780,757	2,021,480	38,038,981	2,239,567	13,110,404
Other manufacturing	1,078	29,294,715	21,616,329	2,527,763	341,072	4,320,987	480,902	7,662
Repair and installation of machinery and equipment	1,971	5,684,795	3,370,757	511,053	51,099	182,055	1,567,631	2,200

Table A8b: Value of stocks at beginning of year in the industry sector (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	327	1,778,493,940	18,362,108	1,082,241,224	86,109	720,000	768	677,083,731
Electricity, gas, steam and air conditioning supply	327	1,778,493,940	18,362,108	1,082,241,224	86,109	720,000	768	677,083,731
Water supply; sewerage, waste management	507	99,520,650	32,318,791	682,920	202,411	487,643	16,349,085	49,479,800
Water collection, treatment and supply	334	63,294,639	14,908,346	543,520	49,908	125,086	16,240,835	31,426,944
Sewerage	6	675,960	560	0	0	337,500	0	337,900
Waste collection, treatment and disposal activities; materials recovery	167	35,550,051	17,409,885	139,400	152,502	25,057	108,250	17,714,957
Construction	3,414	11,026,029,019	7,958,634,600	1,986,877,735	58,697,356	293,579,410	563,265,362	164,974,556
Construction of buildings	1,464	9,221,977,025	7,670,509,120	594,009,527	32,097,618	229,187,577	544,115,320	152,057,863
Civil engineering	500	1,727,903,536	252,332,198	1,377,479,417	26,338,909	58,762,012	9,398,513	3,592,487
Specialized construction activities	1,450	76,148,457	35,793,282	15,388,791	260,828	5,629,821	9,751,529	9,324,206

Table A8c: Value of stocks at beginning of year in the industry sector in Western region

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Western Region								
Mining and quarrying	118	595,700,720	235,853,769	73,312,903	99,050,089	33,677,507	72,820	153,733,632
Extraction of crude petroleum and natural gas	5	171,871,324	0	0	33,133,436	0	0	138,737,888
Mining of metal ores	77	397,208,564	211,678,816	73,312,903	65,640,160	32,152,158	7,400	14,417,127
Other mining and quarrying	28	957,867	3,333	0	226,493	692,787	420	34,834
Mining support service activities	7	25,662,965	24,171,620	0	50,000	832,562	65,000	543,783
Manufacturing	10,061	171,459,746	77,508,412	14,892,847	656,535	52,190,915	4,289,452	21,921,585
Manufacture of food products	1,890	58,765,814	33,339,050	8,964,195	190,920	4,406,786	200,160	11,664,703
Manufacture of beverages	81	1,372,638	646,096	53,729	32,791	633,782	6,240	0
Manufacture of textiles	57	300,080	183,238	76,177	6,747	22,418	11,450	50
Manufacture of wearing apparel	5,054	5,832,482	2,705,902	698,020	1,349	1,139,195	1,288,016	0
Manufacture of leather and related products	507	683,652	218,684	113,086	3,520	308,380	39,982	0
Manufacture of wood and of products of wood and cork, except furniture;	181	53,694,683	7,849,114	1,042,326	191,033	34,704,568	1,559,670	8,347,972
Manufacture of paper and paper products	2	24,000	10,000	6,000	0	2,000	0	6,000
Printing and reproduction of recorded media	57	261,213	166,394	26,484	4,480	19,200	44,655	0
Manufacture of chemicals and chemical products	13	1,915,591	1,591,100	25,711	11,210	286,170	1,400	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3	706,700	700,000	6,000	0	700	0	0
Manufacture of rubber and plastics products	5	19,734,693	16,082,191	6,500	2,020	3,643,982	0	0
Manufacture of other non-metallic mineral products	193	13,284,145	8,299,164	36,530	1,355	2,994,465	55,631	1,897,000
Manufacture of basic metals	52	2,664,799	818,192	11,422	8,508	1,590,975	235,702	0
Manufacture of fabricated metal products, except machinery and equipment	481	2,713,415	1,381,735	647,121	116,049	429,865	138,645	0
Manufacture of computer, electronic and optical products	3	2,400	500	800	0	600	500	0
Manufacture of electrical equipment	2	4,072	3,200	872	0	0	0	0
Manufacture of machinery and equipment n.e.c.	10	72,865	18,084	11,668	0	37,100	6,013	0
Manufacture of motor vehicles, trailers and semi-trailers	14	25,867	12,184	4,601	0	9,082	0	0
Manufacture of other transport equipment	6	0	0	0	0	0	0	0
Manufacture of furniture	1,108	9,083,578	3,361,445	3,140,407	86,395	1,932,132	557,339	5,860
Other manufacturing	15	77,626	40,626	18,111	0	18,889	0	0
Repair and installation of machinery and equipment	328	239,434	81,513	3,088	159	10,625	144,049	0

Table A8c: Value of stocks at beginning of year in the industry sector in Western region (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	16	168,989	52,323	1,963	0	0	98	114,605
Electricity, gas, steam and air conditioning supply	16	168,989	52,323	1,963	0	0	98	114,605
Water supply; sewerage, waste management	48	588,443	93,161	396,525	0	10,309	0	88,448
Water collection, treatment and supply	42	585,876	90,594	396,525	0	10,309	0	88,448
Waste collection, treatment and disposal activities; materials recovery	6	2,567	2,567	0	0	0	0	0
Construction	178	20,372,328	2,949,344	1,798,816	102,574	8,968,205	6,537,882	15,507
Construction of buildings	76	12,916,337	1,046,111	1,623,164	102,224	8,362,680	1,782,158	0
Construction of roads and railway	30	2,291,245	1,723,482	0	0	567,763	0	0
Specialized construction activities	71	5,164,746	179,750	175,652	350	37,763	4,755,724	15,507

Table A8d: Value of stocks at beginning of year in the industry sector in Greater Accra region

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Greater Accra Region								
Mining and quarrying	82	519,972,109	350,507,800	41,491,534	1,687,304	76,900,591	48,835,616	549,264
Mining of metal ores	12	419,786	207,000	120,000	0	87,000	0	5,786
Other mining and quarrying	21	42,304,918	11,830,370	23,818,897	1,687,304	4,424,869	0	543,478
Mining support service activities	48	477,247,406	338,470,431	17,552,637	0	72,388,722	48,835,616	0
Manufacturing	21,956	3,088,917,096	1,400,220,029	556,057,094	25,965,593	461,850,768	524,038,136	120,785,476
Manufacture of food products	1,658	652,815,710	330,421,084	92,196,164	8,491,482	135,449,610	37,693,624	48,563,746
Manufacture of beverages	238	1,041,262,228	226,002,976	341,733,620	1,852,849	20,087,374	435,641,316	15,944,093
Manufacture of textiles	136	33,486,525	24,050,532	6,552,536	126,552	1,374,711	345,682	1,036,512
Manufacture of wearing apparel	13,048	175,100,889	65,178,498	45,372,376	3,149,473	59,532,069	1,868,473	0
Manufacture of leather and related products	334	5,066,504	3,488,084	186,169	294,375	981,304	116,572	0
Manufacture of wood and of products of wood and cork, except furniture;	200	6,052,577	3,292,026	249,441	0	2,140,155	370,955	0
Manufacture of paper and paper products	171	86,909,936	42,540,486	6,351,353	509,357	21,744,313	15,613,260	151,167
Printing and reproduction of recorded media	609	24,660,667	17,753,343	905,134	56,987	1,701,530	1,513,322	2,730,351
Manufacture of coke and refined petroleum products	9	17,296,190	11,838,206	214,694	2,131	5,241,159	0	0
Manufacture of chemicals and chemical products	149	211,313,676	169,050,305	8,379,217	1,622,150	29,337,350	1,525,999	1,398,655
Manufacture of pharmaceuticals, medicinal chemical and botanical products	37	29,845,059	18,413,340	2,235,499	308,978	7,203,450	318,924	1,364,868
Manufacture of rubber and plastics products	153	256,422,313	150,980,033	5,142,427	4,922,971	75,671,935	10,738,453	8,966,494
Manufacture of other non-metallic mineral products	789	49,079,132	22,280,364	10,567,265	1,390,276	11,920,400	133,446	2,787,381
Manufacture of basic metals	131	151,276,309	104,758,352	8,462,618	166,346	28,430,828	2,001,284	7,456,881
Manufacture of fabricated metal products, except machinery and equipment	2,331	185,801,342	127,568,090	17,205,651	1,112,605	25,405,444	13,399,209	1,110,343
Manufacture of computer, electronic and optical products	45	17,387,483	3,625,581	18,334	530,271	3,013,728	1,400	10,198,169
Manufacture of electrical equipment	79	51,273,008	24,244,486	2,000,199	0	19,050,058	0	5,978,265
Manufacture of machinery and equipment n.e.c.	18	3,108,199	2,508,239	222,200	35,613	157,297	181,850	3,000
Manufacture of motor vehicles, trailers and semi-trailers	114	256,608	131,230	5,850	0	119,528	0	0
Manufacture of other transport equipment	3	871,425	228,095	2,100	5,294	600	635,336	0
Manufacture of furniture	1,205	60,772,383	29,566,033	6,116,564	1,087,275	10,206,885	700,076	13,095,550
Other manufacturing	252	25,727,826	20,245,035	1,928,897	298,174	3,073,255	182,465	0
Repair and installation of machinery and equipment	246	3,131,108	2,055,611	8,786	2,434	7,786	1,056,491	0

Table A8d: Value of stocks at beginning of year in the industry sector in Greater Accra region (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	277	1,350,178,920	14,307,495	661,096,384	54,876	720,000	368	673,999,797
Electricity, gas, steam and air conditioning supply	277	1,350,178,920	14,307,495	661,096,384	54,876	720,000	368	673,999,797
Water supply; sewerage, waste management	164	96,221,665	31,128,900	142,938	151,157	410,557	16,325,746	48,062,367
Water collection, treatment and supply	77	60,536,819	13,972,086	6,938	38,415	51,000	16,223,746	30,244,634
Sewerage	4	675,800	400	0	0	337,500	0	337,900
Waste collection, treatment and disposal activities; materials recovery	83	35,009,046	17,156,414	136,000	112,742	22,057	102,000	17,479,833
Construction	1,497	10,660,349,001	7,807,168,417	1,902,881,114	26,129,188	208,023,389	554,157,922	161,988,971
Construction of buildings	673	9,017,832,358	7,578,265,074	553,900,703	14,312,223	178,204,633	541,217,492	151,932,233
Civil engineering	261	1,577,372,276	196,579,217	1,334,683,468	11,603,435	24,715,438	9,034,679	756,039
Specialized construction activities	562	65,144,367	32,324,126	14,296,942	213,531	5,103,318	3,905,751	9,300,699

Table A8e: Value of stocks at beginning of year in the industry sector in Volta region

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Volta Region								
Mining and quarrying	7	18,514	73	81	0	18,360	0	0
Other mining and quarrying	7	18,514	73	81	0	18,360	0	0
Manufacturing	9,254	88,371,692	47,693,576	2,033,530	2,230,123	33,006,024	3,406,999	1,440
Manufacture of food products	2,855	3,011,709	850,340	155,971	603,242	1,279,853	121,805	498
Manufacture of beverages	321	1,908,332	1,034,971	212,350	81,256	507,963	71,792	0
Manufacture of textiles	826	1,891,087	590,730	326,867	3,870	805,283	164,337	0
Manufacture of wearing apparel	3,573	5,263,210	887,663	443,280	4,990	1,212,536	2,713,799	942
Manufacture of leather and related products	143	340,099	162,064	18,196	23	146,274	13,542	0
Manufacture of wood and of products of wood and cork, except furniture;	168	10,652,793	454,327	162,135	1,431,633	8,474,601	130,097	0
Manufacture of paper and paper products	1	2,040,000	2,000,000	0	40,000	0	0	0
Printing and reproduction of recorded media	82	50,520	44,783	1,190	2	1,950	2,595	0
Manufacture of chemicals and chemical products	2	6,420	1,120	300	0	4,000	1,000	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	7	37,228	10,989	4,380	540	20,219	1,100	0
Manufacture of rubber and plastics products	5	36,737	13,910	4,300	0	9,331	9,196	0
Manufacture of other non-metallic mineral products	63	35,357,948	34,143,327	11,775	40,770	1,154,386	7,690	0
Manufacture of fabricated metal products, except machinery and equipment	301	4,247,314	3,470,023	235,800	11,757	524,704	5,030	0
Manufacture of computer, electronic and optical products	14	39,307	5,365	9,050	345	15,292	9,255	0
Manufacture of electrical equipment	14	68,820	860	66,685	0	235	1,040	0
Manufacture of machinery and equipment n.e.c.	26	248,084	138,143	33,229	2,882	64,400	9,430	0
Manufacture of motor vehicles, trailers and semi-trailers	5	56,969	12,650	9,450	503	28,066	6,300	0
Manufacture of other transport equipment	60	76,259	27,073	18,617	10	26,149	4,410	0
Manufacture of furniture	492	22,888,224	3,793,768	291,691	6,699	18,711,238	84,828	0
Other manufacturing	13	84,310	34,500	28,265	1,600	19,545	400	0
Repair and installation of machinery and equipment	282	66,321	16,968	0	0	0	49,353	0

Table A8e: Value of stocks at beginning of year in the industry sector in Volta region (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	5	2,972	628	817	0	0	41	1,486
Electricity, gas, steam and air conditioning supply	5	2,972	628	817	0	0	41	1,486
Water supply; sewerage, waste management	52	245,780	100,376	4,560	7,219	8,550	6,250	118,825
Water collection, treatment and supply	35	208,982	90,316	4,560	4,808	8,550	0	100,748
Waste collection, treatment and disposal activities; materials recovery	16	36,797	10,060	0	2,410	0	6,250	18,077
Construction	486	72,108,937	39,080,103	13,902,291	4,211,283	14,166,232	668,648	80,380
Construction of buildings	287	70,598,043	38,353,633	13,740,266	3,907,349	13,973,475	542,940	80,380
Civil engineering	21	1,262,731	662,675	82,356	302,155	135,045	80,500	0
Specialized construction activities	178	248,164	63,795	79,668	1,780	57,713	45,208	0

Table A8f: Value of stocks at beginning of year in the industry sector in Easter region

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Eastern Region								
Mining and quarrying	28	5,199,264	1,766,941	264,344	587,453	2,565,826	700	14,000
Mining of metal ores	14	140,628	108,119	7,944	8,564	13,301	700	2,000
Other mining and quarrying	14	5,058,636	1,658,822	256,400	578,889	2,552,525	0	12,000
Manufacturing	9,826	69,988,128	27,323,771	15,824,899	1,995,222	22,239,705	1,988,026	616,505
Manufacture of food products	2,126	27,498,840	13,180,896	4,985,304	79,506	8,780,691	223,832	248,611
Manufacture of beverages	235	1,872,332	1,258,163	39,001	415,664	158,504	0	1,000
Manufacture of textiles	76	11,074,194	2,232,995	6,745,744	178,715	1,532,376	39,289	345,075
Manufacture of wearing apparel	4,874	5,482,950	2,382,038	1,055,988	21,038	1,235,239	780,898	7,749
Manufacture of leather and related products	90	176,424	60,514	27,652	320	70,232	15,706	2,000
Manufacture of wood and of products of wood and cork, except furniture;	271	8,712,316	1,639,927	1,325,159	1,167,116	4,260,571	319,543	0
Manufacture of paper and paper products	4	240,143	202,950	4,888	1,845	30,460	0	0
Printing and reproduction of recorded media	119	274,486	152,888	14,017	71	60,396	43,352	3,762
Manufacture of chemicals and chemical products	11	227,533	98,741	18,855	7,097	102,540	300	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	23	1,922,104	1,515,127	191,177	3,623	207,869	3,000	1,308
Manufacture of rubber and plastics products	2	123,654	14,000	0	0	109,654	0	0
Manufacture of other non-metallic mineral products	217	1,922,266	952,333	9,676	27,947	673,637	258,673	0
Manufacture of basic metals	50	214,256	205,756	0	0	0	8,500	0
Manufacture of fabricated metal products, except machinery and equipment	476	6,128,833	1,644,365	480,599	31,074	3,929,860	42,935	0
Manufacture of computer, electronic and optical products	13	13,582	3,700	2,584	1,100	5,998	200	0
Manufacture of electrical equipment	10	19,655	19,655	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	48	202,341	56,127	66,681	1,789	69,041	1,703	7,000
Manufacture of motor vehicles, trailers and semi-trailers	16	19,222	14,339	495	0	2,200	2,188	0
Manufacture of other transport equipment	4	5,000	5,000	0	0	0	0	0
Manufacture of furniture	795	2,580,804	1,105,572	642,064	51,323	707,192	74,653	0
Other manufacturing	288	1,156,084	567,188	125,259	6,994	295,834	160,809	0
Repair and installation of machinery and equipment	80	121,110	11,497	89,757	0	7,412	12,444	0

Table A8f: Value of stocks at beginning of year in the industry sector in Easter region (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work in Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods for Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	1	899,272	0	425,755	23,881	0	0	449,636
Electricity, gas, steam and air conditioning supply	1	899,272	0	425,755	23,881	0	0	449,636
Water supply; sewerage, waste management	29	124,615	12,332	52,000	0	0	0	60,283
Water collection, treatment and supply	21	122,235	11,142	52,000	0	0	0	59,093
Waste collection, treatment and disposal activities; materials recovery	8	2,380	1,190	0	0	0	0	1,190
Construction	138	22,084,769	10,837,783	3,634,970	1,722,805	3,022,926	134,088	2,732,197
Construction of buildings	17	2,437,507	282,150	1,198,905	22,077	890,544	580	43,251
Civil engineering	17	19,203,855	10,527,723	2,169,035	1,699,534	2,118,617	0	2,688,946
Specialized construction activities	105	443,408	27,910	267,030	1,195	13,765	133,508	0

Table A8g: Value of stocks at beginning of year in the industry sector in Ashanti region

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work in Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods for Resale GH¢	Other Stocks GH¢
Ashanti Region								
Mining and quarrying	25	52,112,341	11,892,096	1,865,431	527,986	37,826,828	0	0
Mining of metal ores	12	2,789,973	2,686,000	12,800	40,093	51,080	0	0
Other mining and quarrying	13	49,322,368	9,206,096	1,852,631	487,893	37,775,748	0	0
Manufacturing	20,447	328,431,406	144,649,453	25,749,379	6,766,615	123,648,620	23,213,648	4,403,691
Manufacture of food products	2,170	43,389,211	34,197,605	183,924	440,588	7,104,697	327,626	1,134,771
Manufacture of beverages	195	44,787,773	8,987,826	218,740	101,142	35,417,969	2,667	59,429
Manufacture of textiles	827	2,457,242	773,523	492,345	10,000	938,667	242,707	0
Manufacture of wearing apparel	8,697	20,597,457	7,096,915	3,477,012	119,343	6,535,461	3,125,491	243,235
Manufacture of leather and related products	2,075	37,018,792	20,495,436	4,431,470	2,693,837	8,373,575	1,024,474	0
Manufacture of wood and of products of wood and cork, except furniture;	575	30,242,370	17,180,773	2,458,072	151,358	7,841,805	130,770	2,479,592
Manufacture of paper and paper products	90	3,501,168	1,783,633	400,816	97,788	1,218,931	0	0
Printing and reproduction of recorded media	561	2,409,514	1,237,722	245,502	2,436	778,184	144,322	1,348
Manufacture of coke and refined petroleum products	1	4,744,911	203,579	0	0	449,108	4,092,224	0
Manufacture of chemicals and chemical products	39	14,321,807	3,449,653	160,149	8,294	190,182	10,487,380	26,149
Manufacture of pharmaceuticals, medicinal chemical and botanical products	31	42,884,395	32,044,953	5,598,528	1,132,050	3,703,099	212,765	193,000
Manufacture of rubber and plastics products	25	130,335	101,015	9,000	231	14,409	5,680	0
Manufacture of other non-metallic mineral products	242	2,325,138	769,386	606,684	10,720	817,548	120,800	0
Manufacture of basic metals	36	1,660,617	1,284,810	37,628	10,800	327,379	0	0
Manufacture of fabricated metal products, except machinery and equipment	2,360	60,478,154	7,850,649	3,665,736	1,101,912	45,565,074	2,292,823	1,960
Manufacture of computer, electronic and optical products	36	61,181	22,246	17,097	10	15,628	6,200	0
Manufacture of electrical equipment	6	43,740	23,183	8,207	350	7,000	5,000	0
Manufacture of machinery and equipment n.e.c.	80	2,578,822	1,554,379	247,543	118,491	377,076	21,333	260,000
Manufacture of motor vehicles, trailers and semi-trailers	142	2,248,143	1,499,060	67,109	9,025	88,055	584,894	0
Manufacture of other transport equipment	1	6,000	1,300	1,500	0	2,500	700	0
Manufacture of furniture	1,281	9,903,943	2,876,084	2,821,432	704,401	3,453,317	44,571	4,138
Other manufacturing	242	870,968	246,865	195,105	5,761	315,124	108,043	70
Repair and installation of machinery and equipment	735	1,769,730	968,859	405,781	48,078	113,833	233,179	0

Table A8g: Value of stocks at beginning of year in the industry sector in Ashanti region (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work in Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods for Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	2	16,054	3,391	4,415	0	0	221	8,027
Electricity, gas, steam and air conditioning supply	2	16,054	3,391	4,415	0	0	221	8,027
Water supply; sewerage, waste management	81	1,060,029	470,178	11,481	775	57,667	7,389	512,539
Water collection, treatment and supply	66	868,987	348,186	8,081	775	54,667	7,389	449,889
Waste collection, treatment and disposal activities; materials recovery	15	191,042	121,992	3,400	0	3,000	0	62,650
Construction	393	106,580,620	45,789,387	26,235,688	8,200,899	25,504,895	740,249	109,502
Construction of buildings	84	67,734,304	28,595,859	13,768,358	5,434,008	19,724,079	210,000	2,000
Civil engineering	56	35,841,974	15,088,093	12,386,560	2,764,165	5,492,654	3,000	107,502
Specialized construction activities	253	3,004,344	2,105,435	80,771	2,727	288,162	527,249	0

Table A8h: Value of stocks at beginning of year in the industry sector in Brong Ahafo region

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods for Resale GH¢	Other Stocks GH¢
Brong Ahafo Region								
Mining and quarrying	5	2,251,288	326,261	733,920	183,047	1,008,060	0	0
Mining of metal ores	2	13,134	8,634	2,000	2,500	0	0	0
Other mining and quarrying	3	2,238,154	317,627	731,920	180,547	1,008,060	0	0
Manufacturing	7,327	90,397,688	28,167,275	17,650,133	968,958	33,318,908	9,778,142	514,272
Manufacture of food products	1,283	18,822,160	4,549,417	6,291,888	165,101	1,166,051	6,155,761	493,942
Manufacture of beverages	126	945,777	436,981	6,079	31,704	323,838	147,175	0
Manufacture of textiles	15	66,132	28,146	15,100	0	22,886	0	0
Manufacture of wearing apparel	3,561	13,747,793	9,467,394	914,015	32,241	1,265,809	2,068,234	100
Manufacture of leather and related products	190	392,462	165,330	41,063	0	173,300	7,615	5,154
Manufacture of wood and of products of wood and cork, except furniture;	330	44,712,169	9,048,455	8,373,879	587,923	26,395,646	306,266	0
Manufacture of paper and paper products	3	286,288	70,452	80,808	0	135,028	0	0
Printing and reproduction of recorded media	108	365,044	239,158	53,018	8,648	45,029	18,931	260
Manufacture of chemicals and chemical products	16	318,559	208,239	40,480	23,415	45,925	500	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	3	360	40	0	0	200	0	120
Manufacture of other non-metallic mineral products	72	883,476	142,106	76,285	35,035	304,209	325,333	508
Manufacture of fabricated metal products, except machinery and equipment	680	4,474,404	1,630,202	592,317	3,713	2,095,172	153,000	0
Manufacture of computer, electronic and optical products	5	251,010	9,300	3,800	2,460	13,700	221,500	250
Manufacture of electrical equipment	2	5,133	1,222	978	0	2,933	0	0
Manufacture of machinery and equipment n.e.c.	27	464,633	180,884	106,601	0	132,148	45,000	0
Manufacture of motor vehicles, trailers and semi-trailers	29	113,742	37,492	3,900	1,575	36,350	34,425	0
Manufacture of other transport equipment	1	700	700	0	0	0	0	0
Manufacture of furniture	721	3,889,461	1,821,844	957,247	58,614	789,910	257,100	4,746
Other manufacturing	72	598,776	107,936	92,677	18,529	370,772	1,870	6,992
Repair and installation of machinery and equipment	82	59,609	21,978	0	0	0	35,431	2,200

Table A8h: Value of stocks at beginning of year in the industry sector in Brong Ahafo region (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods for Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	1	4,000	2,000	0	0	0	0	2,000
Electricity, gas, steam and air conditioning supply	1	4,000	2,000	0	0	0	0	2,000
Water supply; sewerage, waste management	40	246,783	54,392	67,688	1,900	150	1,599	121,054
Water collection, treatment and supply	35	232,937	47,069	67,688	1,700	150	1,599	114,731
Waste collection, treatment and disposal activities; materials recovery	5	13,846	7,323	0	200	0	0	6,323
Construction	133	21,509,889	9,545,683	7,320,759	457,338	3,907,300	230,809	48,000
Construction of buildings	50	17,741,273	9,238,736	4,239,255	416,091	3,847,191	0	0
Civil engineering	3	3,200,371	138,811	3,021,560	0	0	0	40,000
Specialized construction activities	80	568,245	168,136	59,944	41,247	60,109	230,809	8,000

Table A8i: Value of stocks at beginning of year in the industry sector in Northern region

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Northern Region								
Mining and quarrying	1	40	0	0	0	0	0	40
Mining support service activities	1	40	0	0	0	0	0	40
Manufacturing	8,344	58,738,922	37,613,292	5,495,709	336,702	10,918,122	4,366,273	8,824
Manufacture of food products	2,617	7,250,414	4,731,985	160,264	231,891	1,299,782	821,881	4,611
Manufacture of beverages	157	1,576,829	816,661	118,224	15,523	615,973	6,448	4,000
Manufacture of textiles	84	250,446	123,990	19,580	80	104,181	2,615	0
Manufacture of wearing apparel	4,221	17,959,952	4,827,219	4,179,917	15,867	6,074,467	2,862,482	0
Manufacture of leather and related products	20	83,911	26,254	8,520	0	24,337	24,800	0
Manufacture of wood and of products of wood and cork, except furniture;	71	463,484	99,654	79,328	5,965	142,243	136,294	0
Manufacture of paper and paper products	2	27,481	26,200	500	0	781	0	0
Printing and reproduction of recorded media	20	44,222	39,069	820	0	2,474	1,859	0
Manufacture of chemicals and chemical products	52	203,488	71,281	72,146	100	52,926	7,035	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1	1,500	1,500	0	0	0	0	0
Manufacture of rubber and plastics products	3	47,100	34,400	5,900	0	5,300	1,500	0
Manufacture of other non-metallic mineral products	91	25,415,183	24,892,416	32,138	4,170	480,702	5,757	0
Manufacture of basic metals	2	499,780	34,750	0	5,260	459,770	0	0
Manufacture of fabricated metal products, except machinery and equipment	477	2,980,715	1,045,885	607,197	53,497	1,008,061	266,062	13
Manufacture of computer, electronic and optical products	1	1,900	1,000	600	100	0	0	200
Manufacture of machinery and equipment n.e.c.	10	124,379	44,380	38,629	360	8,010	33,000	0
Manufacture of motor vehicles, trailers and semi-trailers	4	85,876	43,376	500	0	42,000	0	0
Manufacture of other transport equipment	13	11,870	11,870	0	0	0	0	0
Manufacture of furniture	455	1,629,925	701,145	169,497	290	572,452	186,541	0
Other manufacturing	2	41,646	18,654	1,950	3,600	7,442	10,000	0
Repair and installation of machinery and equipment	41	38,823	21,601	0	0	17,222	0	0

Table A8i: Value of stocks at beginning of year in the industry sector in Northern region (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Electricity, gas, steam and air conditioning supply	10	426,632,922	3,532,109	420,711,072	6,792	0	0	2,382,949
Electricity, gas, steam and air conditioning supply	10	426,632,922	3,532,109	420,711,072	6,792	0	0	2,382,949
Water supply; sewerage, waste management	55	695,327	308,046	20	39,900	0	0	347,361
Water collection, treatment and supply	25	596,122	294,841	20	3,200	0	0	298,061
Sewerage	1	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	30	99,205	13,205	0	36,700	0	0	49,300
Construction	144	85,939,311	28,285,967	21,629,254	9,888,165	25,795,948	339,977	0
Construction of buildings	34	3,051,119	2,374,890	533,000	52,913	54,537	35,779	0
Civil engineering	47	81,921,340	25,303,477	20,789,168	9,835,252	25,715,609	277,834	0
Specialized construction activities	63	966,853	607,601	307,086	0	25,802	26,364	0

Table A8j: Value of stocks at beginning of year in the industry sector in Upper East region

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods For Resale GH¢	Other Stocks GH¢
Upper East Region								
Mining and quarrying	15	479,414	295,289	0	58,202	125,923	0	0
Mining of metal ores	9	37,500	0	0	37,500	0	0	0
Other mining and quarrying	6	441,914	295,289	0	20,702	125,923	0	0
Manufacturing	3,639	5,333,085	2,914,907	701,631	281,249	790,009	628,402	16,887
Manufacture of food products	751	564,528	307,748	18,315	30,137	30,045	162,041	16,242
Manufacture of beverages	374	756,989	367,283	64,279	156,494	132,833	36,100	0
Manufacture of textiles	247	178,871	101,835	30,989	4,000	37,523	4,204	320
Manufacture of wearing apparel	1,730	752,643	214,905	172,418	1,303	126,356	237,356	305
Manufacture of leather and related products	12	18,139	5,670	5,425	0	5,543	1,481	20
Manufacture of wood and of products of wood and cork, except furniture;	69	163,576	15,853	14,084	46	27,401	106,192	0
Printing and reproduction of recorded media	6	1,920	120	0	0	0	1,800	0
Manufacture of chemicals and chemical products	34	19,676	11,533	1,325	10	6,460	348	0
Manufacture of rubber and plastics products	1	1,609	128	552	9	920	0	0
Manufacture of other non-metallic mineral products	24	29,750	7,250	4,800	1,200	16,500	0	0
Manufacture of basic metals	1	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	205	2,001,294	1,374,627	283,372	73,851	235,374	34,070	0
Manufacture of machinery and equipment n.e.c.	37	424,100	308,753	51,090	1,050	53,112	10,095	0
Manufacture of other transport equipment	1	13,725	2,455	400	0	9,870	1,000	0
Manufacture of furniture	129	371,067	194,947	54,583	13,150	108,072	315	0
Repair and installation of machinery and equipment	17	35,200	1,800	0	0	0	33,400	0
Electricity, gas, steam and air conditioning supply	6	581,357	459,002	0	560	0	0	121,795
Electricity, gas, steam and air conditioning supply	6	581,357	459,002	0	560	0	0	121,795
Water supply; sewerage, waste management	11	214,286	106,773	0	450	0	0	107,063
Water collection, treatment and supply	6	18,958	9,479	0	0	0	0	9,479
Sewerage	1	160	160	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	4	195,168	97,134	0	450	0	0	97,584
Construction	131	16,318,191	7,743,378	454,727	7,809,610	179,566	130,910	0
Construction of buildings	88	16,122,434	7,677,064	404,150	7,809,610	170,096	61,514	0
Civil engineering	4	45,900	33,400	10,000	0	0	2,500	0
Specialized construction activities	39	149,857	32,914	40,576	0	9,471	66,896	0

Table A8j: Value of stocks at beginning of year in the industry sector in Upper East region (Cont'd)

Sector	No. of Establishments	Total GH¢	Raw Materials and Supplies GH¢	Work In Progress GH¢	Fuel GH¢	Finished Goods GH¢	Goods for Resale GH¢	Other Stocks GH¢
Upper West Region								
Mining and quarrying	5	1,443,668	1,210,632	56,326	20,364	156,346	0	0
Mining of metal ores	1	10,000	10,000	0	0	0	0	0
Other mining and quarrying	4	1,433,668	1,200,632	56,326	20,364	156,346	0	0
Manufacturing	2,717	6,451,804	3,256,933	1,488,225	83,753	1,084,657	536,011	2,225
Manufacture of food products	956	520,872	244,406	17,079	54,923	165,290	38,244	930
Manufacture of beverages	79	124,996	81,777	11,870	4,999	25,206	19	1,125
Manufacture of textiles	92	226,826	57,224	46,345	333	113,493	9,431	0
Manufacture of wearing apparel	1,098	917,380	350,886	154,275	869	243,736	167,554	60
Manufacture of leather and related products	6	5,556	1,516	500	0	1,224	2,316	0
Manufacture of wood and of products of wood and cork, except furniture;	47	464,870	277,426	17,831	44	33,207	136,362	0
Printing and reproduction of recorded media	13	8,245	7,945	100	0	200	0	0
Manufacture of chemicals and chemical products	7	33,229	22,997	290	2,240	5,502	2,200	0
Manufacture of rubber and plastics products	1	817	437	0	0	380	0	0
Manufacture of other non-metallic mineral products	28	2,610,964	1,733,608	863,441	15	11,400	2,500	0
Manufacture of basic metals	4	19,535	6,035	3,300	120	10,050	30	0
Manufacture of fabricated metal products, except machinery and equipment	213	849,901	261,892	244,114	13,634	224,967	105,294	0
Manufacture of computer, electronic and optical products	3	16,994	1,784	680	0	6,100	8,430	0
Manufacture of electrical equipment	13	10,944	5,833	0	0	0	5,111	0
Manufacture of motor vehicles, trailers and semi-trailers	2	1,343	513	280	0	550	0	0
Manufacture of other transport equipment	7	69,473	11,297	20,294	0	27,397	10,485	0
Manufacture of furniture	123	532,218	185,517	103,884	6,169	188,504	48,034	110
Other manufacturing	10	4,316	1,716	325	0	2,275	0	0
Repair and installation of machinery and equipment	15	33,320	4,121	3,617	406	25,176	0	0
Electricity, gas, steam and air conditioning supply	1	3,900	1,950	0	0	0	0	1,950
Electricity, gas, steam and air conditioning supply	1	3,900	1,950	0	0	0	0	1,950
Water supply; sewerage, waste management	10	75,020	33,800	2,300	1,000	410	0	37,510
Water collection, treatment and supply	10	75,020	33,800	2,300	1,000	410	0	37,510
Construction	171	13,375,381	2,670,521	6,331,568	147,486	3,966,674	259,132	0
Construction of buildings	100	7,289,620	1,128,982	1,954,571	13,852	3,939,765	252,450	0
Civil engineering	31	5,995,903	1,513,114	4,332,269	133,634	16,886	0	0
Specialized construction activities	40	89,857	28,425	44,727	0	10,023	6,682	0

Table A9a: Value of stocks at end of year in the agriculture sector by size

Agriculture sector /LMSM	Value of stocks at end of year (GH¢)		
	Raw materials and supplies	Goods for resale	Other stocks
National			
Agriculture, forestry and fishing	58,800,203	35,324,802	24,041,904
Large-Sized Businesses	31,282,195	4,059,085	13,763,313
Medium-Sized Businesses	10,769,254	734,779	6,064,515
Small-Sized Businesses	15,432,058	23,465,205	3,979,521
Micro-Sized Businesses	1,316,697	7,065,733	234,555

Table A9b: Value of stocks at end of year in the agriculture sub-sectors by size

Agriculture sector /LMSM	Value of stocks at end of year (GH¢)		
	Raw materials and supplies	Goods for resale	Other stocks
Crop and animal production, hunting and related service activities	34,669,127	35,266,591	24,020,284
Large-Sized Businesses	15,041,002	4,059,085	13,763,313
Medium-Sized Businesses	5,374,138	734,779	6,062,515
Small-Sized Businesses	12,959,822	23,422,764	3,962,221
Micro-Sized Businesses	1,294,165	7,049,963	232,235
Forestry and logging	1,196,186	500	20,700
Large-Sized Businesses	0	0	0
Medium-Sized Businesses	0	0	2,000
Small-Sized Businesses	1,191,886	0	16,500
Micro-Sized Businesses	4,300	500	2,200
Fishing and aquaculture	22,934,891	57,711	920
Large-Sized Businesses	16,241,193	0	0
Medium-Sized Businesses	5,395,116	0	0
Small-Sized Businesses	1,280,350	42,441	800
Micro-Sized Businesses	18,232	15,270	120

Table A9c: Value of stocks at end of year in the agriculture sector by region

Agriculture sector/Region	Value of stocks at end of year (GH¢)		
	Raw materials and supplies	Goods for resale	Other stocks
Western region			
Agriculture, forestry and fishing	1,293,786	162,383	2,000
Crop and animal production, hunting and related service activities	1,292,396	162,383	2,000
Forestry and logging	0	0	0
Fishing and aquaculture	1,390	0	0
Central region			
Agriculture, forestry and fishing	172,422	855,773	25,527
Crop and animal production, hunting and related service activities	169,529	855,773	25,527
Forestry and logging	0	0	0
Fishing and aquaculture	2,893	0	0
Greater Accra region			
Agriculture, forestry and fishing	23,231,823	16,932,645	10,854,253
Crop and animal production, hunting and related service activities	2,890,695	16,907,004	10,854,253
Forestry and logging	0	0	0
Fishing and aquaculture	20,341,128	25,641	0
Volta region			
Agriculture, forestry and fishing	760,968	2,472,810	772,949
Crop and animal production, hunting and related service activities	546,748	2,466,310	769,449
Forestry and logging	1,463	0	3,500
Fishing and aquaculture	212,757	6,500	0
Eastern region			
Agriculture, forestry and fishing	2,927,353	3,298,419	713,340
Crop and animal production, hunting and related service activities	576,252	3,274,419	713,340
Forestry and logging	1,150	0	0
Fishing and aquaculture	2,349,951	24,000	0
Ashanti region			
Agriculture, forestry and fishing	25,172,961	5,537,552	4,869,208
Crop and animal production, hunting and related service activities	23,977,349	5,537,552	4,853,408
Forestry and logging	1,189,113	0	15,000
Fishing and aquaculture	6,500	0	800
Brong Ahafo region			
Agriculture, forestry and fishing	4,900,813	4,391,326	6,574,415
Crop and animal production, hunting and related service activities	4,877,981	4,389,256	6,572,095
Forestry and logging	4,460	500	2,200
Fishing and aquaculture	18,372	1,570	120
Northern region			
Agriculture, forestry and fishing	306,267	1,541,798	80,756
Crop and animal production, hunting and related service activities	305,467	1,541,798	80,756
Forestry and logging	0	0	0
Fishing and aquaculture	800	0	0
Upper east region			
Agriculture, forestry and fishing	24,842	128,590	76,910
Crop and animal production, hunting and related service activities	24,842	128,590	76,910
Forestry and logging	0	0	0
Fishing and aquaculture	0	0	0
Upper west region			
Agriculture, forestry and fishing	8,966	3,507	72,546
Crop and animal production, hunting and related service activities	7,866	3,507	72,546
Forestry and logging	0	0	0
Fishing and aquaculture	1,100	0	0

Table A10a: Value of stocks at end of year in the service sector

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - National	18,672,531,653	12,907,251,055	3,018,728,914	2,746,551,684
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,723,584,713	21,317,930	1,702,139,755	127,028
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,206,974	767,070	431,399	8,505
Wholesale trade, except of motor vehicles and motorcycles	31,322,199	18,543,206	12,778,993	0
Retail trade, except of motor vehicles and motorcycles	1,691,055,541	2,007,655	1,688,929,363	118,523
Transportation and storage	142,768,487	108,577,754	16,588,546	17,602,187
Land transport and transport via pipelines	27,438,064	23,248,390	3,488,139	701,535
Water transport	2,102,431	2,077,087	24,217	1,127
Air transport	2,208,953	2,208,953	0	0
Warehousing and support activities for transportation	110,295,518	80,497,452	12,898,541	16,899,525
Postal and courier activities	723,522	545,872	177,650	0
Accommodation and food service activities	292,774,440	153,796,759	115,382,451	23,595,230
Accommodation	94,462,508	38,378,076	36,180,016	19,904,416
Food and beverage service activities	198,311,933	115,418,684	79,202,435	3,690,814
Information and communication	353,274,882	196,053,449	150,528,084	6,693,349
Publishing activities	11,727,700	4,543,553	6,298,167	885,980
Motion picture, video and television programme production, sound recording	989,449	830,591	89,351	69,507
Programming and broadcasting activities	105,335,050	92,894,455	10,664,361	1,776,234
Telecommunications	199,001,241	66,095,280	128,944,334	3,961,627
Computer programming, consultancy and related activities	21,167,435	19,239,878	1,927,557	0
Information service activities	15,054,006	12,449,692	2,604,314	0
Financial and insurance activities	2,044,342,661	1,655,242,256	10,246,131	378,854,274
Financial service activities, except insurance and pension funding	2,022,795,571	1,641,000,965	5,127,606	376,667,000
Insurance, reinsurance and pension funding, except compulsory social security	3,922,173	3,856,973	43,200	22,000
Activities auxiliary to financial service and insurance activities	17,624,918	10,384,318	5,075,326	2,165,274
Real estate activities	94,687,077	57,495,459	29,295,331	7,896,287
Real estate activities	94,687,077	57,495,459	29,295,331	7,896,287
Professional, scientific and technical activities	71,606,811	22,653,534	30,085,615	18,867,662
Legal and accounting activities	3,608,084	1,942,982	140,109	1,524,993
Activities of head offices; management consultancy activities	671,671	612,531	59,140	0
Architectural and engineering activities; technical testing and analysis	53,200,140	14,672,005	21,384,598	17,143,537
Scientific research and development	242,972	233,035	3,801	6,136
Advertising and market research	1,090,073	1,086,446	3,013	614
Other professional, scientific and technical activities	12,265,205	4,067,667	8,005,156	192,382
Veterinary activities	528,668	38,869	489,799	0
Administrative and support service activities	123,829,846	11,838,779	43,246,360	68,744,707
Rental and leasing activities	76,067,992	3,236,415	4,308,630	68,522,947
Employment activities	233,065	232,565	500	0
Travel agency, tour operator, reservation service and related activities	7,441,692	677,692	6,764,000	0
Security and investigation activities	5,505,438	4,978,889	526,249	300
Services to buildings and landscape activities	2,212,001	751,951	1,254,371	205,679
Office administrative, office support and other business support activities	32,369,658	1,961,267	30,392,610	15,781

Table A10a: Value of stocks at end of year in the services sector (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Education	59,492,614	42,065,633	14,601,132	2,825,849
Education	59,492,614	42,065,633	14,601,132	2,825,849
Human health and social work activities	453,824,917	391,951,916	56,260,023	5,612,978
Human health activities	443,495,613	381,736,342	56,147,206	5,612,065
Residential care activities	123,030	123,030	0	0
Social work activities without accommodation	10,206,275	10,092,544	112,818	913
Arts, entertainment and recreation	2,191,804	1,419,550	591,981	180,273
Creative, arts and entertainment activities	573,637	335,825	210,685	27,127
Libraries, archives, museums and other cultural activities	258,268	75,175	31,600	151,493
Gambling and betting activities	993,215	859,119	134,017	79
Sports activities and amusement and recreation activities	366,685	149,431	215,680	1,574
Other service activities	133,941,950	89,963,359	40,144,988	3,833,603
Activities of membership organizations	23,409,629	20,521,738	2,467,544	420,347
Repair of computers and personal and household goods	64,456,520	43,755,252	17,603,754	3,097,514
Other personal service activities	46,075,800	25,686,368	20,073,690	315,742

Table A10b: Value of stocks at end of year in the services sector by size

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - National	5,496,320,204	2,752,376,379	2,209,110,398	534,833,427
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,723,584,713	21,317,930	1,702,139,755	127,028
Large-Sized Businesses	11,592,351	64,886	11,527,465	0
Medium-Sized Businesses	1,694,425,641	9,827,438	1,684,598,203	0
Small-Sized Businesses	13,090,262	10,479,902	2,483,342	127,018
Micro-Sized Businesses	4,476,461	945,705	3,530,746	10
Transportation and storage	142,768,487	108,577,754	16,588,546	17,602,187
Large-Sized Businesses	42,992,216	25,811,501	178,277	17,002,438
Medium-Sized Businesses	11,716,872	4,614,420	7,049,793	52,659
Small-Sized Businesses	85,887,209	76,178,011	9,171,233	537,965
Micro-Sized Businesses	2,172,192	1,973,823	189,244	9,125
Accommodation and food service activities	292,774,440	153,796,759	115,382,451	23,595,230
Large-Sized Businesses	64,622,778	26,966,797	18,717,922	18,938,059
Medium-Sized Businesses	86,897,275	58,485,172	26,070,628	2,341,475
Small-Sized Businesses	85,103,010	52,282,004	31,793,391	1,027,615
Micro-Sized Businesses	56,151,378	16,062,786	38,800,510	1,288,082
Information and communication	353,274,882	196,053,449	150,528,084	6,693,349
Large-Sized Businesses	185,490,599	81,112,363	104,377,556	680
Medium-Sized Businesses	37,205,599	17,307,610	14,245,350	5,652,639
Small-Sized Businesses	128,536,292	96,323,855	31,272,503	939,934
Micro-Sized Businesses	2,042,391	1,309,620	632,676	100,095
Financial and insurance activities	2,044,342,661	1,655,242,256	10,246,131	378,854,274
Large-Sized Businesses	1,458,821,103	1,403,346,177	30,876	55,444,050
Medium-Sized Businesses	237,589,805	210,891,403	24,981	26,673,421
Small-Sized Businesses	337,811,756	37,848,853	4,046,484	295,916,419
Micro-Sized Businesses	10,119,997	3,155,822	6,143,790	820,385
Real estate activities	94,687,077	57,495,459	29,295,331	7,896,287
Large-Sized Businesses	5,547,339	5,547,339	0	0
Medium-Sized Businesses	20,873,495	9,184,649	6,184,776	5,504,070
Small-Sized Businesses	67,889,055	42,540,283	22,956,555	2,392,217
Micro-Sized Businesses	377,187	223,187	154,000	0
Professional, scientific and technical activities	71,606,811	22,653,534	30,085,615	18,867,662
Large-Sized Businesses	578,002	356,990	209,191	11,821
Medium-Sized Businesses	42,204,385	338,168	24,869,031	16,997,186
Small-Sized Businesses	20,057,624	15,606,306	4,128,109	323,209
Micro-Sized Businesses	8,766,800	6,352,070	879,284	1,535,446
Administrative and support service activities	123,829,846	11,838,779	43,246,360	68,744,707
Large-Sized Businesses	4,214,269	2,722,826	1,285,764	205,679
Medium-Sized Businesses	99,234,838	3,127,004	27,854,396	68,253,438
Small-Sized Businesses	8,150,877	1,568,181	6,577,587	5,109
Micro-Sized Businesses	12,229,863	4,420,769	7,528,613	280,481
Education	59,492,614	42,065,633	14,601,132	2,825,849
Large-Sized Businesses	13,855,472	8,483,388	4,814,658	557,426
Medium-Sized Businesses	24,648,597	19,070,225	3,578,976	1,999,396
Small-Sized Businesses	19,964,158	13,588,396	6,152,482	223,280
Micro-Sized Businesses	1,024,388	923,625	55,017	45,746
Human health and social work activities	453,824,917	391,951,916	56,260,023	5,612,978
Large-Sized Businesses	44,190,809	24,336,773	15,122,282	4,731,754
Medium-Sized Businesses	372,714,223	351,753,363	20,124,747	836,113
Small-Sized Businesses	30,378,925	12,023,942	18,310,322	44,661
Micro-Sized Businesses	6,540,960	3,837,838	2,702,672	450
Arts, entertainment and recreation	2,191,804	1,419,550	591,981	180,273
Large-Sized Businesses	62,794	62,294	0	500
Medium-Sized Businesses	220,308	86,880	132,501	927
Small-Sized Businesses	870,984	377,706	341,785	151,493
Micro-Sized Businesses	1,037,721	892,671	117,696	27,354
Other service activities	133,941,950	89,963,359	40,144,988	3,833,603
Large-Sized Businesses	54,305,600	51,251,267	0	3,054,333
Medium-Sized Businesses	2,992,122	1,321,358	1,349,804	320,960
Small-Sized Businesses	38,057,586	15,293,409	22,649,570	114,607
Micro-Sized Businesses	38,586,641	22,097,325	16,145,614	343,702

Table A10c: Value of stocks at end of year in the service sector in Western region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Western	76,168,026	35,638,982	40,156,068	372,976
Wholesale and retail trade; repair of motor vehicles and motorcycles	680,323	117,913	552,710	9,700
Wholesale and retail trade and repair of motor vehicles and motorcycles	405,938	68,921	328,517	8,500
Wholesale trade, except of motor vehicles and motorcycles	44,028	0	44,028	0
Retail trade, except of motor vehicles and motorcycles	230,357	48,992	180,165	1,200
Transportation and storage	855,919	522,259	223,415	110,245
Land transport and transport via pipelines	539,539	429,294	0	110,245
Water transport	280	280	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	309,590	87,405	222,185	0
Postal and courier activities	6,510	5,280	1,230	0
Accommodation and food service activities	30,390,304	16,405,546	13,961,784	22,974
Accommodation	10,959,717	10,255,212	681,531	22,974
Food and beverage service activities	19,430,587	6,150,334	13,280,253	0
Information and communication	17,945,691	94,670	17,851,021	0
Publishing activities	2,240	2,240	0	0
Motion picture, video and television programme production, sound recording	3,249	2,606	643	0
Programming and broadcasting activities	189,814	20,136	169,678	0
Telecommunications	17,715,905	41,393	17,674,512	0
Computer programming, consultancy and related activities	27,897	25,823	2,074	0
Information service activities	6,585	2,472	4,113	0
Financial and insurance activities	6,971,030	6,525,415	264,524	181,091
Financial service activities, except insurance and pension funding	6,864,128	6,491,658	191,379	181,091
Insurance, reinsurance and pension funding, except compulsory social security	70,140	30,040	40,100	0
Activities auxiliary to financial service and insurance activities	36,761	3,716	33,045	0
Real estate activities	490	490	0	0
Real estate activities	490	490	0	0
Professional, scientific and technical activities	1,584,791	1,516,936	67,855	0
Legal and accounting activities	4,777	4,777	0	0
Activities of head offices; management consultancy activities	7,325	3,025	4,300	0
Architectural and engineering activities; technical testing and analysis	1,365,632	1,359,343	6,289	0
Scientific research and development	3,486	3,486	0	0
Advertising and market research	2,870	2,670	200	0
Other professional, scientific and technical activities	196,776	143,080	53,696	0
Veterinary activities	3,926	555	3,371	0
Administrative and support service activities	366,607	270,970	95,637	0
Rental and leasing activities	138,542	128,023	10,519	0
Employment activities	4,098	4,098	0	0
Travel agency, tour operator, reservation service and related activities	1,200	1,200	0	0
Security and investigation activities	2,908	2,908	0	0
Services to buildings and landscape activities	415	415	0	0
Office administrative, office support and other business support activities	219,444	134,326	85,118	0
Education	1,824,846	799,346	995,918	29,582
Education	1,824,846	799,346	995,918	29,582
Human health and social work activities	9,883,750	6,492,332	3,388,418	3,000
Human health activities	9,698,064	6,306,646	3,388,418	3,000
Residential care activities	0	0	0	0
Social work activities without accommodation	185,686	185,686	0	0
Arts, entertainment and recreation	359,658	353,671	5,770	217
Creative, arts and entertainment activities	7,690	3,690	4,000	0
Libraries, archives, museums and other cultural activities	198	198	0	0
Gambling and betting activities	348,322	348,062	260	0
Sports activities and amusement and recreation activities	3,448	1,721	1,510	217
Other service activities	5,304,617	2,539,435	2,749,016	16,166
Activities of membership organizations	1,863,638	1,329,423	532,039	2,176
Repair of computers and personal and household goods	1,115,019	193,981	909,063	11,975
Other personal service activities	2,325,962	1,016,032	1,307,914	2,016

Table A10d: Value of stocks at end of year in the service sector in Central region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Central	31,688,974	19,256,271	12,380,719	51,984
Wholesale and retail trade; repair of motor vehicles and motorcycles	170,527	17,127	153,400	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	50	50	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	170,477	17,077	153,400	0
Transportation and storage	225,402	224,436	966	0
Land transport and transport via pipelines	209,353	208,387	966	0
Warehousing and support activities for transportation	207	207	0	0
Postal and courier activities	15,842	15,842	0	0
Accommodation and food service activities	5,926,422	2,131,392	3,795,030	0
Accommodation	1,846,895	1,138,787	708,108	0
Food and beverage service activities	4,079,527	992,605	3,086,922	0
Information and communication	99,792	70,975	14,480	14,337
Publishing activities	13,127	390	400	12,337
Motion picture, video and television programme production, sound recording	1,550	1,490	60	0
Programming and broadcasting activities	24,598	17,881	6,717	0
Telecommunications	13,263	8,760	2,503	2,000
Computer programming, consultancy and related activities	4	4	0	0
Information service activities	47,251	42,451	4,800	0
Financial and insurance activities	1,609,718	1,144,018	454,792	10,908
Financial service activities, except insurance and pension funding	1,533,281	1,141,501	380,872	10,908
Insurance, reinsurance and pension funding, except compulsory social security	2,391	2,391	0	0
Activities auxiliary to financial service and insurance activities	74,046	126	73,920	0
Real estate activities	3,189,757	210	3,189,547	0
Real estate activities	3,189,757	210	3,189,547	0
Professional, scientific and technical activities	156,746	135,857	5,101	15,788
Legal and accounting activities	2,482	2,482	0	0
Activities of head offices; management consultancy activities	60	60	0	0
Architectural and engineering activities; technical testing and analysis	26,999	6,962	4,866	15,171
Advertising and market research	42	42	0	0
Other professional, scientific and technical activities	127,163	126,311	235	617
Administrative and support service activities	130,740	55,030	75,710	0
Rental and leasing activities	11,191	3,874	7,317	0
Employment activities	100	100	0	0
Travel agency, tour operator, reservation service and related activities	852	852	0	0
Security and investigation activities	0	0	0	0
Services to buildings and landscape activities	0	0	0	0
Office administrative, office support and other business support activities	118,597	50,204	68,393	0
Education	2,497,176	1,912,520	578,203	6,453
Education	2,497,176	1,912,520	578,203	6,453
Human health and social work activities	2,862,499	959,571	1,902,928	0
Human health activities	2,696,226	793,355	1,902,871	0
Residential care activities	26,417	26,417	0	0
Social work activities without accommodation	139,856	139,799	57	0

**Table A10d: Value of stocks at end of year in the service sector in Central region
(Cont'd)**

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	152,703	140,413	10,933	1,357
Creative, arts and entertainment activities	116,125	116,102	23	0
Libraries, archives, museums and other cultural activities	89	89	0	0
Gambling and betting activities	30,712	21,722	8,990	0
Sports activities and amusement and recreation activities	5,776	2,499	1,920	1,357
Other service activities	14,667,493	12,464,723	2,199,629	3,141
Activities of membership organizations	11,155,157	11,136,981	17,376	800
Repair of computers and personal and household goods	829,888	117,857	709,690	2,341
Other personal service activities	2,682,447	1,209,884	1,472,563	0

Table A10e: Value of stocks at end of year in the service sector in Greater Accra region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Greater Accra	4,727,125,079	2,164,514,373	2,061,361,236	501,249,470
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,716,277,618	18,750,706	1,697,409,594	117,318
Wholesale and retail trade and repair of motor vehicles and motorcycles	71,774	71,774	0	0
Wholesale trade, except of motor vehicles and motorcycles	30,133,633	18,541,168	11,592,465	0
Retail trade, except of motor vehicles and motorcycles	1,686,072,212	137,765	1,685,817,129	117,318
Transportation and storage	136,322,592	106,177,745	12,658,705	17,486,142
Land transport and transport via pipelines	22,265,466	21,670,686	3,490	591,290
Water transport	2,099,355	2,074,011	24,217	1,127
Air transport	2,208,923	2,208,923	0	0
Warehousing and support activities for transportation	109,424,893	79,900,170	12,630,998	16,893,725
Postal and courier activities	323,954	323,954	0	0
Accommodation and food service activities	206,703,240	117,782,119	67,316,978	21,604,143
Accommodation	66,438,387	20,872,010	27,064,946	18,501,431
Food and beverage service activities	140,264,853	96,910,109	40,252,032	3,102,712
Information and communication	239,983,010	101,759,820	131,935,898	6,287,292
Publishing activities	11,363,252	4,234,518	6,297,767	830,967
Motion picture, video and television programme production, sound recording	690,942	678,892	11,250	800
Programming and broadcasting activities	12,315,307	316,100	10,487,967	1,511,240
Telecommunications	179,946,312	65,302,682	110,699,345	3,944,285
Computer programming, consultancy and related activities	20,761,629	18,848,609	1,913,020	0
Information service activities	14,905,569	12,379,019	2,526,550	0
Financial and insurance activities	1,986,836,633	1,626,783,525	8,461,781	351,591,327
Financial service activities, except insurance and pension funding	1,966,628,652	1,612,934,167	3,560,583	350,133,902
Insurance, reinsurance and pension funding, except compulsory social security	3,736,277	3,714,527	0	21,750
Activities auxiliary to financial service and insurance activities	16,471,703	10,134,831	4,901,198	1,435,674
Real estate activities	90,342,732	57,177,530	25,339,105	7,826,097
Real estate activities	90,342,732	57,177,530	25,339,105	7,826,097
Professional, scientific and technical activities	65,031,549	17,469,107	28,837,258	18,725,184
Legal and accounting activities	3,422,007	1,904,864	0	1,517,143
Activities of head offices; management consultancy activities	535,756	535,756	0	0
Architectural and engineering activities; technical testing and analysis	49,653,014	11,347,315	21,177,933	17,127,766
Scientific research and development	175,092	169,873	300	4,919
Advertising and market research	1,048,501	1,048,501	0	0
Other professional, scientific and technical activities	9,784,796	2,448,325	7,261,114	75,357
Veterinary activities	412,385	14,474	397,911	0
Administrative and support service activities	113,916,680	9,576,919	35,880,344	68,459,417
Rental and leasing activities	74,605,951	2,172,543	4,179,970	68,253,438
Employment activities	224,901	224,901	0	0
Travel agency, tour operator, reservation service and related activities	634,990	634,990	0	0
Security and investigation activities	5,449,073	4,941,474	507,299	300
Services to buildings and landscape activities	2,186,097	726,847	1,253,571	205,679
Office administrative, office support and other business support activities	30,815,666	876,163	29,939,503	0
Education	31,716,489	20,391,133	9,478,440	1,846,916
Education	31,716,489	20,391,133	9,478,440	1,846,916
Human health and social work activities	49,363,715	26,514,247	19,209,351	3,640,117
Human health activities	40,011,296	17,161,828	19,209,351	3,640,117
Residential care activities	37,296	37,296	0	0
Social work activities without accommodation	9,315,123	9,315,123	0	0

**Table A10e: Value of stocks at end of year in the service sector in Greater Accra region
(Cont'd)**

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	1,099,936	492,517	442,519	164,900
Creative, arts and entertainment activities	282,295	91,387	177,501	13,407
Libraries, archives, museums and other cultural activities	240,579	57,686	31,400	151,493
Gambling and betting activities	359,091	250,891	108,200	0
Sports activities and amusement and recreation activities	217,971	92,553	125,418	0
Other service activities	89,530,885	61,639,006	24,391,263	3,500,616
Activities of membership organizations	3,138,579	2,391,658	425,961	320,960
Repair of computers and personal and household goods	59,400,962	42,751,573	13,595,056	3,054,333
Other personal service activities	26,991,344	16,495,775	10,370,246	125,323

Table A10f: Value of stocks at end of year in the service sector in Volta region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods For Resale GH¢	Other Stocks GH¢
All Services - Volta	43,303,172	16,787,302	11,092,174	15,423,696
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,036,382	433,489	602,893	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	404,806	404,806	0	0
Wholesale trade, except of motor vehicles and motorcycles	180,000	0	180,000	0
Retail trade, except of motor vehicles and motorcycles	451,576	28,683	422,893	0
Transportation and storage	314,424	314,150	274	0
Land transport and transport via pipelines	234,355	234,355	0	0
Water transport	2,796	2,796	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	8,144	8,144	0	0
Postal and courier activities	69,129	68,855	274	0
Accommodation and food service activities	8,726,919	1,528,439	6,584,525	613,955
Accommodation	2,655,988	906,643	1,135,390	613,955
Food and beverage service activities	6,070,931	621,796	5,449,135	0
Information and communication	523,326	372,375	150,951	0
Publishing activities	32	32	0	0
Motion picture, video and television programme production, sound recording	10,845	5,002	5,843	0
Programming and broadcasting activities	10,473	10,473	0	0
Telecommunications	151,334	6,226	145,108	0
Computer programming, consultancy and related activities	350,000	350,000	0	0
Information service activities	643	643	0	0
Financial and insurance activities	23,938,873	9,087,359	229,667	14,621,847
Financial service activities, except insurance and pension funding	23,882,815	9,031,301	229,667	14,621,847
Insurance, reinsurance and pension funding, except compulsory social security	2,381	2,381	0	0
Activities auxiliary to financial service and insurance activities	53,677	53,677	0	0
Real estate activities	38,220	220	38,000	0
Real estate activities	38,220	220	38,000	0
Professional, scientific and technical activities	350,199	181,439	164,310	4,450
Legal and accounting activities	149,462	7,403	140,109	1,950
Activities of head offices; management consultancy activities	0	0	0	0
Architectural and engineering activities; technical testing and analysis	32,192	27,037	5,155	0
Scientific research and development	0	0	0	0
Advertising and market research	0	0	0	0
Other professional, scientific and technical activities	168,546	146,999	19,047	2,500
Veterinary activities	0	0	0	0
Administrative and support service activities	408,314	242,780	32,526	133,008
Rental and leasing activities	307,343	175,543	950	130,850
Employment activities	512	512	0	0
Travel agency, tour operator, reservation service and related activities	500	500	0	0
Security and investigation activities	4,460	4,460	0	0
Services to buildings and landscape activities	530	430	100	0
Office administrative, office support and other business support activities	94,970	61,336	31,476	2,158
Education	768,064	562,594	203,801	1,669
Education	768,064	562,594	203,801	1,669
Human health and social work activities	4,204,806	2,377,397	1,824,959	2,450
Human health activities	4,171,180	2,343,771	1,824,959	2,450
Residential care activities	11,848	11,848	0	0
Social work activities without accommodation	21,778	21,778	0	0

Table A10f: Value of stocks at end of year in the service sector in Volta region (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods For Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	23,785	18,798	4,908	79
Creative, arts and entertainment activities	7,056	5,106	1,950	0
Libraries, archives, museums and other cultural activities	531	531	0	0
Gambling and betting activities	11,381	9,844	1,458	79
Sports activities and amusement and recreation activities	4,817	3,317	1,500	0
Other service activities	2,969,860	1,668,261	1,255,361	46,238
Activities of membership organizations	1,016,499	977,544	19,305	19,650
Repair of computers and personal and household goods	467,011	129,150	319,813	18,048
Other personal service activities	1,486,349	561,567	916,242	8,540

Table A10g: Value of stocks at end of year in the service sector in Eastern region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Eastern	39,115,796	17,102,402	19,575,165	2,438,229
Wholesale and retail trade; repair of motor vehicles and motorcycles	681,231	584,141	97,090	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	3,031	58	2,973	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	678,201	584,083	94,118	0
Transportation and storage	29,274	6,024	23,250	0
Land transport and transport via pipelines	3,211	3,211	0	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	23,771	521	23,250	0
Postal and courier activities	2,292	2,292	0	0
Accommodation and food service activities	10,439,197	2,639,391	7,045,876	753,930
Accommodation	4,712,238	1,305,348	2,665,044	741,846
Food and beverage service activities	5,726,959	1,334,043	4,380,832	12,084
Information and communication	1,071,084	768,134	32,605	270,345
Publishing activities	253,843	253,692	0	151
Motion picture, video and television programme production, sound recording	39,665	22,768	16,897	0
Programming and broadcasting activities	741,955	476,961	0	264,994
Telecommunications	26,735	10,077	11,458	5,200
Computer programming, consultancy and related activities	0	0	0	0
Information service activities	8,886	4,636	4,250	0
Financial and insurance activities	1,172,045	893,832	126,285	151,928
Financial service activities, except insurance and pension funding	918,462	684,612	81,922	151,928
Insurance, reinsurance and pension funding, except compulsory social security	29,570	29,570	0	0
Activities auxiliary to financial service and insurance activities	224,013	179,650	44,363	0
Real estate activities	198,996	198,996	0	0
Real estate activities	198,996	198,996	0	0
Professional, scientific and technical activities	221,313	64,391	149,819	7,103
Legal and accounting activities	128	128	0	0
Activities of head offices; management consultancy activities	0	0	0	0
Architectural and engineering activities; technical testing and analysis	17,093	16,493	0	600
Scientific research and development	1,233	1,233	0	0
Advertising and market research	0	0	0	0
Other professional, scientific and technical activities	202,760	46,438	149,819	6,503
Veterinary activities	100	100	0	0
Administrative and support service activities	395,663	340,583	27,050	28,030
Rental and leasing activities	297,613	264,763	9,291	23,559
Employment activities	660	160	500	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0
Security and investigation activities	6,295	6,295	0	0
Services to buildings and landscape activities	0	0	0	0
Office administrative, office support and other business support activities	91,096	69,365	17,260	4,471
Education	3,218,188	2,106,420	387,239	724,529
Education	3,218,188	2,106,420	387,239	724,529
Human health and social work activities	18,679,539	8,007,569	10,283,207	388,763
Human health activities	18,367,929	7,807,388	10,171,778	388,763
Residential care activities	4,200	4,200	0	0
Social work activities without accommodation	307,411	195,982	111,429	0
Arts, entertainment and recreation	95,638	72,363	10,275	13,000
Creative, arts and entertainment activities	76,384	54,640	8,744	13,000
Libraries, archives, museums and other cultural activities	6,725	6,525	200	0
Gambling and betting activities	5,856	5,396	460	0
Sports activities and amusement and recreation activities	6,673	5,802	871	0
Other service activities	2,913,629	1,420,558	1,392,469	100,602
Activities of membership organizations	349,813	265,311	15,141	69,361
Repair of computers and personal and household goods	596,104	91,410	504,694	0
Other personal service activities	1,967,711	1,063,837	872,633	31,241

Table A10h: Value of stocks at end of year in the service sector in Ashanti region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Ashanti	97,028,596	51,723,166	41,975,620	3,329,810
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,493,707	1,304,170	3,189,537	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	165,774	165,774	0	0
Wholesale trade, except of motor vehicles and motorcycles	963,638	1,138	962,500	0
Retail trade, except of motor vehicles and motorcycles	3,364,295	1,137,258	2,227,037	0
Transportation and storage	4,052,001	879,653	3,172,348	0
Land transport and transport via pipelines	3,526,556	376,556	3,150,000	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	517,418	495,310	22,108	0
Postal and courier activities	8,027	7,787	240	0
Accommodation and food service activities	14,247,735	7,560,688	6,144,519	542,528
Accommodation	5,720,071	3,003,158	2,715,989	924
Food and beverage service activities	8,527,664	4,557,530	3,428,530	541,604
Information and communication	991,738	805,254	77,327	109,157
Publishing activities	82,218	40,818	0	41,400
Motion picture, video and television programme production, sound recording	228,717	108,799	52,161	67,757
Programming and broadcasting activities	23,494	23,494	0	0
Telecommunications	631,271	622,297	8,974	0
Computer programming, consultancy and related activities	10,521	3,000	7,521	0
Information service activities	15,517	6,846	8,671	0
Financial and insurance activities	6,645,713	5,634,286	278,827	732,600
Financial service activities, except insurance and pension funding	5,819,962	5,564,035	252,927	3,000
Insurance, reinsurance and pension funding, except compulsory social security	73,351	70,251	3,100	0
Activities auxiliary to financial service and insurance activities	752,400	0	22,800	729,600
Real estate activities	808,760	115,891	622,679	70,190
Real estate activities	808,760	115,891	622,679	70,190
Professional, scientific and technical activities	3,852,535	3,029,566	727,537	95,432
Legal and accounting activities	11,187	10,187	0	1,000
Activities of head offices; management consultancy activities	60,384	59,484	900	0
Architectural and engineering activities; technical testing and analysis	2,071,954	1,881,599	190,355	0
Scientific research and development	58,516	53,798	3,501	1,217
Advertising and market research	35,263	32,450	2,813	0
Other professional, scientific and technical activities	1,506,414	971,748	441,451	93,215
Veterinary activities	108,817	20,300	88,517	0
Administrative and support service activities	7,874,855	910,627	6,849,420	114,808
Rental and leasing activities	452,880	305,767	35,313	111,800
Employment activities	1,777	1,777	0	0
Travel agency, tour operator, reservation service and related activities	6,794,071	36,571	6,757,500	0
Security and investigation activities	42,097	23,147	18,950	0
Services to buildings and landscape activities	23,150	23,150	0	0
Office administrative, office support and other business support activities	560,880	520,215	37,657	3,008
Education	14,060,568	11,656,988	2,324,304	79,276
Education	14,060,568	11,656,988	2,324,304	79,276
Human health and social work activities	29,989,332	14,270,254	14,275,036	1,444,042
Human health activities	29,795,440	14,077,275	14,275,036	1,443,129
Residential care activities	20,985	20,985	0	0
Social work activities without accommodation	172,907	171,994	0	913

Table A10h: Value of stocks at end of year in the service sector in Ashanti region (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	277,518	189,660	87,788	70
Creative, arts and entertainment activities	38,658	35,501	3,087	70
Libraries, archives, museums and other cultural activities	4,150	4,150	0	0
Gambling and betting activities	127,552	125,523	2,029	0
Sports activities and amusement and recreation activities	107,159	24,486	82,673	0
Other service activities	9,734,133	5,366,129	4,226,298	141,706
Activities of membership organizations	1,934,332	1,800,618	126,364	7,350
Repair of computers and personal and household goods	714,492	121,602	592,890	0
Other personal service activities	7,085,309	3,443,909	3,507,044	134,356

Table A10i: Value of stocks at end of year in the service sector in Brong Ahafo region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Brong Ahafo	132,148,313	108,276,982	12,249,196	11,622,135
Wholesale and retail trade; repair of motor vehicles and motorcycles	88,229	20,181	68,043	5
Wholesale and retail trade and repair of motor vehicles and motorcycles	73,788	6,345	67,443	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	14,442	13,837	600	5
Transportation and storage	136,828	125,657	11,071	100
Land transport and transport via pipelines	6,658	6,658	0	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	4,857	4,757	0	100
Postal and courier activities	125,313	114,242	11,071	0
Accommodation and food service activities	8,038,156	2,940,460	5,096,146	1,550
Accommodation	641,487	507,752	132,185	1,550
Food and beverage service activities	7,396,668	2,432,708	4,963,960	0
Information and communication	92,440,631	92,063,560	369,762	7,309
Publishing activities	6,851	6,851	0	0
Motion picture, video and television programme production, sound recording	730	730	0	0
Programming and broadcasting activities	92,013,343	92,013,343	0	0
Telecommunications	407,520	30,899	369,312	7,309
Computer programming, consultancy and related activities	2,306	2,256	50	0
Information service activities	9,881	9,481	400	0
Financial and insurance activities	13,192,456	1,590,763	38,139	11,563,554
Financial service activities, except insurance and pension funding	13,176,936	1,575,493	38,139	11,563,304
Insurance, reinsurance and pension funding, except compulsory social security	3,294	3,044	0	250
Activities auxiliary to financial service and insurance activities	12,226	12,226	0	0
Real estate activities	17,082	1,082	16,000	0
Real estate activities	17,082	1,082	16,000	0
Professional, scientific and technical activities	180,138	116,945	61,303	1,890
Legal and accounting activities	7,003	7,003	0	0
Activities of head offices; management consultancy activities	60,075	6,135	53,940	0
Architectural and engineering activities; technical testing and analysis	18,939	18,939	0	0
Scientific research and development	0	0	0	0
Advertising and market research	2,600	2,600	0	0
Other professional, scientific and technical activities	91,522	82,269	7,363	1,890
Veterinary activities	0	0	0	0
Administrative and support service activities	338,911	244,418	93,705	788
Rental and leasing activities	224,170	178,398	45,772	0
Employment activities	657	657	0	0
Travel agency, tour operator, reservation service and related activities	2,367	2,367	0	0
Security and investigation activities	171	171	0	0
Services to buildings and landscape activities	780	80	700	0
Office administrative, office support and other business support activities	110,765	62,745	47,232	788
Education	2,177,285	1,718,589	426,231	32,465
Education	2,177,285	1,718,589	426,231	32,465
Human health and social work activities	9,391,101	5,862,893	3,527,403	805
Human health activities	9,370,698	5,842,490	3,527,403	805
Residential care activities	18,727	18,727	0	0
Social work activities without accommodation	1,676	1,676	0	0

**Table A10i: Value of stocks at end of year in the service sector in Brong Ahafo region
(Cont'd)**

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	131,359	118,203	12,506	650
Creative, arts and entertainment activities	4,488	3,458	380	650
Libraries, archives, museums and other cultural activities	5,574	5,574	0	0
Gambling and betting activities	103,154	91,536	11,618	0
Sports activities and amusement and recreation activities	18,144	17,636	508	0
Other service activities	6,016,138	3,474,230	2,528,889	13,019
Activities of membership organizations	3,355,523	2,044,823	1,310,650	50
Repair of computers and personal and household goods	742,227	225,012	507,440	9,775
Other personal service activities	1,918,388	1,204,395	710,799	3,194

Table A10j: Value of stocks at end of year in the service sector in Northern region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Northern	14,053,003	9,409,246	4,494,589	149,168
Wholesale and retail trade; repair of motor vehicles and motorcycles	118,125	84,655	33,470	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	76,105	43,835	32,270	0
Wholesale trade, except of motor vehicles and motorcycles	900	900	0	0
Retail trade, except of motor vehicles and motorcycles	41,120	39,920	1,200	0
Transportation and storage	509,574	7,824	496,050	5,700
Land transport and transport via pipelines	333,567	2,023	331,544	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	6,051	351	0	5,700
Postal and courier activities	169,956	5,450	164,506	0
Accommodation and food service activities	3,462,764	1,808,785	1,624,750	29,229
Accommodation	869,113	317,331	551,782	0
Food and beverage service activities	2,593,652	1,491,454	1,072,969	29,229
Information and communication	178,168	84,243	91,092	2,833
Publishing activities	4,995	4,995	0	0
Motion picture, video and television programme production, sound recording	4,083	1,976	2,107	0
Programming and broadcasting activities	8,097	8,097	0	0
Telecommunications	93,602	58,989	31,780	2,833
Computer programming, consultancy and related activities	15,078	10,186	4,892	0
Information service activities	52,313	0	52,313	0
Financial and insurance activities	3,347,575	3,077,595	268,960	1,020
Financial service activities, except insurance and pension funding	3,343,600	3,073,620	268,960	1,020
Insurance, reinsurance and pension funding, except compulsory social security	3,884	3,884	0	0
Activities auxiliary to financial service and insurance activities	91	91	0	0
Real estate activities	90,040	40	90,000	0
Real estate activities	90,040	40	90,000	0
Professional, scientific and technical activities	127,268	61,452	55,202	10,614
Legal and accounting activities	2,409	2,409	0	0
Activities of head offices; management consultancy activities	7,545	7,545	0	0
Architectural and engineering activities; technical testing and analysis	535	535	0	0
Scientific research and development	3,881	3,881	0	0
Advertising and market research	797	183	0	614
Other professional, scientific and technical activities	108,661	43,459	55,202	10,000
Veterinary activities	3,440	3,440	0	0
Administrative and support service activities	164,189	85,709	78,480	0
Rental and leasing activities	26,233	7,197	19,036	0
Employment activities	360	360	0	0
Travel agency, tour operator, reservation service and related activities	7,095	595	6,500	0
Security and investigation activities	0	0	0	0
Services to buildings and landscape activities	0	0	0	0
Office administrative, office support and other business support activities	130,501	77,557	52,944	0
Education	2,107,567	1,846,311	161,498	99,758
Education	2,107,567	1,846,311	161,498	99,758
Human health and social work activities	2,340,011	1,450,767	889,244	0
Human health activities	2,316,692	1,428,780	887,912	0
Residential care activities	2,654	2,654	0	0
Social work activities without accommodation	20,665	19,333	1,332	0

Table A10j: Value of stocks at end of year in the service sector in Northern region (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	5,879	4,599	1,280	0
Creative, arts and entertainment activities	300	300	0	0
Libraries, archives, museums and other cultural activities	122	122	0	0
Gambling and betting activities	2,801	2,801	0	0
Sports activities and amusement and recreation activities	2,656	1,376	1,280	0
Other service activities	1,601,843	897,266	704,562	15
Activities of membership organizations	426,870	426,870	0	0
Repair of computers and personal and household goods	326,579	92,653	233,911	15
Other personal service activities	848,395	377,743	470,652	0

Table A10k: Value of stocks at end of year in the service sector in Upper East

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Upper East	330,658,858	327,109,405	3,434,398	115,055
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,622	1,622	0	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,622	1,622	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	0	0	0	0
Transportation and storage	2439	2,234	205	0
Land transport and transport via pipelines	1565	1,565	0	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	541	541	0	0
Postal and courier activities	333	128	205	0
Accommodation and food service activities	2417382	429,062	1,968,820	19,500
Accommodation	187492	18,213	149,779	19,500
Food and beverage service activities	2229890	410,849	1,819,041	0
Information and communication	26453	22,145	4,308	0
Publishing activities	0	0	0	0
Motion picture, video and television programme production, sound recording	6377	6,227	150	0
Programming and broadcasting activities	1768	1,768	0	0
Telecommunications	13962	13,020	942	0
Computer programming, consultancy and related activities	0	0	0	0
Information service activities	4347	1,130	3,217	0
Financial and insurance activities	161043	149,043	12,000	0
Financial service activities, except insurance and pension funding	161043	149,043	12,000	0
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0
Real estate activities	1000	1,000	0	0
Real estate activities	1000	1,000	0	0
Professional, scientific and technical activities	86226	70,796	13,130	2,300
Legal and accounting activities	50	50	0	0
Activities of head offices; management consultancy activities	328	328	0	0
Architectural and engineering activities; technical testing and analysis	12522	12,522	0	0
Scientific research and development	764	764	0	0
Advertising and market research	0	0	0	0
Other professional, scientific and technical activities	72562	57,132	13,130	2,300
Veterinary activities	0	0	0	0
Administrative and support service activities	78589	36,438	33,494	8,657
Rental and leasing activities	3871	110	461	3,300
Employment activities	0	0	0	0
Travel agency, tour operator, reservation service and related activities	150	150	0	0
Security and investigation activities	10	10	0	0
Services to buildings and landscape activities	1029	1,029	0	0
Office administrative, office support and other business support activities	73529	35,139	33,033	5,357
Education	770744	729,697	40,547	500
Education	770744	729,697	40,547	500
Human health and social work activities	326379146	325,362,764	942,554	73,828
Human health activities	326353913	325,337,531	942,554	73,828
Residential care activities	332	332	0	0
Social work activities without accommodation	24901	24,901	0	0

Table A10k: Value of stocks at end of year in the service sector in Upper East (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	42601	27,151	15,450	0
Creative, arts and entertainment activities	40640	25,640	15,000	0
Libraries, archives, museums and other cultural activities	100	100	0	0
Gambling and betting activities	1861	1,411	450	0
Sports activities and amusement and recreation activities	0	0	0	0
Other service activities	691,613	277,453	403,889	10,271
Activities of membership organizations	111,876	91,169	20,707	0
Repair of computers and personal and household goods	137,379	17,318	120,061	0
Other personal service activities	442,358	168,966	263,121	10,271

Table A10I: Value of stocks at end of year in the service sector in Upper West region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Upper West	5,030,386	2,558,249	2,391,234	80,903
Wholesale and retail trade; repair of motor vehicles and motorcycles	36,950	3,926	33,019	5
Wholesale and retail trade and repair of motor vehicles and motorcycles	4,088	3,886	197	5
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	32,862	40	32,822	0
Transportation and storage	320,036	317,773	2,263	0
Land transport and transport via pipelines	317,795	315,656	2,139	0
Water transport	0	0	0	0
Air transport	30	30	0	0
Warehousing and support activities for transportation	45	45	0	0
Postal and courier activities	2,166	2,042	124	0
Accommodation and food service activities	2,422,324	570,878	1,844,024	7,422
Accommodation	431,122	53,623	375,263	2,236
Food and beverage service activities	1,991,202	517,255	1,468,761	5,186
Information and communication	14,988	12,273	640	2,075
Publishing activities	1,143	18	0	1,125
Motion picture, video and television programme production, sound recording	3,290	2,100	240	950
Programming and broadcasting activities	6,202	6,202	0	0
Telecommunications	1,338	938	400	0
Computer programming, consultancy and related activities	0	0	0	0
Information service activities	3,015	3,015	0	0
Financial and insurance activities	467,575	356,419	111,156	0
Financial service activities, except insurance and pension funding	466,690	355,534	111,156	0
Insurance, reinsurance and pension funding, except compulsory social security	885	885	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0
Real estate activities	0	0	0	0
Real estate activities	0	0	0	0
Professional, scientific and technical activities	16,046	7,046	4,100	4,900
Legal and accounting activities	8,580	3,680	0	4,900
Activities of head offices; management consultancy activities	198	198	0	0
Architectural and engineering activities; technical testing and analysis	1,260	1,260	0	0
Scientific research and development	0	0	0	0
Advertising and market research	0	0	0	0
Other professional, scientific and technical activities	6,008	1,908	4,100	0
Veterinary activities	0	0	0	0
Administrative and support service activities	155,298	75,305	79,993	0
Rental and leasing activities	198	198	0	0
Employment activities	0	0	0	0
Travel agency, tour operator, reservation service and related activities	467	467	0	0
Security and investigation activities	424	424	0	0
Services to buildings and landscape activities	0	0	0	0
Office administrative, office support and other business support activities	154,209	74,216	79,993	0
Education	351,688	342,035	4,953	4,700
Education	351,688	342,035	4,953	4,700
Human health and social work activities	731,017	654,121	16,923	59,973
Human health activities	714,173	637,277	16,923	59,973
Residential care activities	571	571	0	0
Social work activities without accommodation	16,273	16,273	0	0

**Table A10k: Value of stocks at end of year in the service sector in Upper West region
(Cont'd)**

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	2,727	2,175	552	0
Creative, arts and entertainment activities	0	0	0	0
Libraries, archives, museums and other cultural activities	200	200	0	0
Gambling and betting activities	2,487	1,935	552	0
Sports activities and amusement and recreation activities	40	40	0	0
Other service activities	511,737	216,298	293,611	1,828
Activities of membership organizations	57,340	57,340	0	0
Repair of computers and personal and household goods	126,860	14,698	111,135	1,027
Other personal service activities	327,539	144,261	182,476	802

Table A10l: Value of stocks at beginning of year in the service sector

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - National	5,531,365,859	2,338,524,139	2,947,293,702	245,548,018
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,353,461,882	20,337,529	2,333,058,310	66,043
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,041,853	1,251,097	782,756	8,000
Wholesale trade, except of motor vehicles and motorcycles	30,252,616	16,185,250	14,067,366	0
Retail trade, except of motor vehicles and motorcycles	2,321,167,413	2,901,182	2,318,208,188	58,043
Transportation and storage	147,157,329	116,876,806	16,291,576	13,988,947
Land transport and transport via pipelines	26,547,171	22,168,712	3,540,131	838,328
Water transport	1,612,704	1,590,894	20,715	1,095
Air transport	1,482,366	1,482,366	0	0
Warehousing and support activities for transportation	116,554,262	90,850,762	12,553,976	13,149,524
Postal and courier activities	960,827	784,072	176,755	0
Accommodation and food service activities	341,281,324	173,627,518	148,011,175	19,642,631
Accommodation	96,923,334	37,572,907	40,668,880	18,681,547
Food and beverage service activities	244,357,990	136,054,611	107,342,295	961,084
Information and communication	319,800,428	176,672,131	135,151,642	7,976,655
Publishing activities	17,528,088	3,777,890	12,715,230	1,034,968
Motion picture, video and television programme production, sound recording	1,654,410	1,518,173	84,219	52,018
Programming and broadcasting activities	105,126,474	93,323,626	8,019,173	3,783,675
Telecommunications	179,054,322	64,876,810	111,071,517	3,105,995
Computer programming, consultancy and related activities	6,513,323	5,821,257	692,066	0
Information service activities	9,923,812	7,354,375	2,569,437	0
Financial and insurance activities	1,306,970,226	1,222,331,560	11,369,348	73,269,318
Financial service activities, except insurance and pension funding	1,287,131,383	1,210,425,668	4,663,526	72,042,189
Insurance, reinsurance and pension funding, except compulsory social security	3,465,077	3,213,619	152,366	99,092
Activities auxiliary to financial service and insurance activities	16,373,765	8,692,273	6,553,456	1,128,036
Real estate activities	139,753,182	50,743,481	51,811,224	37,198,477
Real estate activities	139,753,182	50,743,481	51,811,224	37,198,477
Professional, scientific and technical activities	59,510,873	16,817,422	25,106,451	17,587,000
Legal and accounting activities	3,117,869	1,921,913	1,182,835	13,121
Activities of head offices; management consultancy activities	706,794	608,994	97,800	0
Architectural and engineering activities; technical testing and analysis	39,679,202	6,758,408	15,579,791	17,341,003
Scientific research and development	399,065	352,864	3,440	42,761
Advertising and market research	1,380,970	1,377,020	2,475	1,475
Other professional, scientific and technical activities	13,633,641	5,746,571	7,698,430	188,640
Veterinary activities	593,331	51,651	541,680	0
Administrative and support service activities	95,007,886	14,069,765	11,213,094	69,725,027
Rental and leasing activities	76,598,293	6,651,094	334,274	69,612,925
Employment activities	312,261	311,461	800	0
Travel agency, tour operator, reservation service and related activities	8,226,919	273,419	7,953,500	0
Security and investigation activities	3,597,209	3,312,236	284,973	0
Services to buildings and landscape activities	2,217,736	865,145	1,261,753	90,838
Office administrative, office support and other business support activities	4,055,468	2,656,410	1,377,794	21,264
Education	75,733,090	55,606,875	18,066,468	2,059,747
Education	75,733,090	55,606,875	18,066,468	2,059,747
Human health and social work activities	465,909,316	382,496,954	81,935,169	1,477,193
Human health activities	454,024,297	370,916,694	81,835,798	1,271,805
Residential care activities	249,499	245,179	420	3,900
Social work activities without accommodation	11,635,520	11,335,082	98,951	201,487

Table A10l: Value of stocks at beginning of year in the service sector (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	2,456,279	1,629,216	711,379	115,684
Creative, arts and entertainment activities	790,002	438,694	298,412	52,896
Libraries, archives, museums and other cultural activities	175,860	64,944	52,500	58,416
Gambling and betting activities	1,152,909	933,804	219,026	79
Sports activities and amusement and recreation activities	337,507	191,774	141,441	4,292
Other service activities	224,324,044	107,314,881	114,567,866	2,441,297
Activities of membership organizations	21,354,489	19,086,485	1,976,237	291,767
Repair of computers and personal and household goods	137,771,178	57,259,818	78,608,590	1,902,770
Other personal service activities	65,198,377	30,968,578	33,983,039	246,760

Table A10m: Value of stocks at beginning of year in the services sector by size

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - National	5,531,365,859	2,338,524,139	2,947,293,702	245,548,018
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,353,461,882	20,337,529	2,333,058,310	66,043
Large-Sized Businesses	12,901,145	75,525	12,825,620	0
Medium-Sized Businesses	2,322,039,537	7,907,505	2,314,132,032	0
Small-Sized Businesses	13,849,950	11,250,942	2,533,015	65,993
Micro-Sized Businesses	4,671,250	1,103,557	3,567,643	50
Transportation and storage	147,157,329	116,876,806	16,291,576	13,988,947
Large-Sized Businesses	38,959,289	25,357,127	184,742	13,417,420
Medium-Sized Businesses	8,952,635	3,813,486	4,994,557	144,592
Small-Sized Businesses	96,465,904	85,071,113	10,984,314	410,477
Micro-Sized Businesses	2,779,502	2,635,080	127,964	16,458
Accommodation and food service activities	341,281,324	173,627,518	148,011,175	19,642,631
Large-Sized Businesses	63,164,235	27,401,443	18,032,733	17,730,059
Medium-Sized Businesses	101,031,169	63,525,277	36,795,589	710,303
Small-Sized Businesses	97,844,341	60,763,572	36,291,727	789,042
Micro-Sized Businesses	79,241,578	21,937,225	56,891,126	413,227
Information and communication	319,800,428	176,672,131	135,151,642	7,976,655
Large-Sized Businesses	150,691,974	59,309,266	91,381,908	800
Medium-Sized Businesses	32,413,474	12,500,642	13,364,552	6,548,280
Small-Sized Businesses	130,725,045	100,027,985	29,531,241	1,165,819
Micro-Sized Businesses	5,969,936	4,834,239	873,941	261,756
Financial and insurance activities	1,306,970,226	1,222,331,560	11,369,348	73,269,318
Large-Sized Businesses	1,082,521,770	1,039,214,462	252,130	43,055,178
Medium-Sized Businesses	161,350,108	134,738,065	23,773	26,588,270
Small-Sized Businesses	51,216,508	45,421,545	2,916,635	2,878,328
Micro-Sized Businesses	11,881,839	2,957,488	8,176,809	747,542
Real estate activities	139,753,182	50,743,481	51,811,224	37,198,477
Large-Sized Businesses	4,255,114	4,255,114	0	0
Medium-Sized Businesses	66,310,707	9,789,482	24,283,125	32,238,100
Small-Sized Businesses	68,774,594	36,459,118	27,355,099	4,960,377
Micro-Sized Businesses	412,767	239,767	173,000	0
Professional, scientific and technical activities	59,510,873	16,817,422	25,106,451	17,587,000
Large-Sized Businesses	568,737	355,565	175,330	37,842
Medium-Sized Businesses	38,954,073	1,114,359	20,826,843	17,012,871
Small-Sized Businesses	12,286,267	8,775,165	3,096,180	414,922
Micro-Sized Businesses	7,701,796	6,572,334	1,008,098	121,364
Administrative and support service activities	95,007,886	14,069,765	11,213,094	69,725,027
Large-Sized Businesses	5,719,195	4,347,060	1,281,297	90,838
Medium-Sized Businesses	72,585,788	2,613,444	625,570	69,346,774
Small-Sized Businesses	2,807,790	2,331,954	472,365	3,471
Micro-Sized Businesses	13,895,112	4,777,307	8,833,861	283,944
Education	75,733,090	55,606,875	18,066,468	2,059,747
Large-Sized Businesses	10,354,886	6,466,345	3,670,941	217,600
Medium-Sized Businesses	34,313,906	27,779,224	5,089,594	1,445,088
Small-Sized Businesses	29,320,084	19,820,445	9,152,840	346,799
Micro-Sized Businesses	1,744,213	1,540,860	153,093	50,260
Human health and social work activities	465,909,316	382,496,954	81,935,169	1,477,193
Large-Sized Businesses	56,291,116	26,653,086	29,249,617	388,413
Medium-Sized Businesses	360,167,226	339,622,368	19,704,298	840,560
Small-Sized Businesses	42,130,117	11,170,452	30,715,845	243,820
Micro-Sized Businesses	7,320,856	5,051,048	2,265,408	4,400
Arts, entertainment and recreation	2,456,279	1,629,216	711,379	115,684
Large-Sized Businesses	31,624	31,549	0	75
Medium-Sized Businesses	279,201	131,995	145,105	2,101
Small-Sized Businesses	955,162	521,772	374,974	58,416
Micro-Sized Businesses	1,190,290	943,899	191,299	55,092
Other service activities	224,324,044	107,314,881	114,567,866	2,441,297
Large-Sized Businesses	58,607,017	56,748,350	0	1,858,667
Medium-Sized Businesses	3,641,221	1,586,405	1,782,790	272,026
Small-Sized Businesses	109,520,460	22,829,373	86,598,860	92,227
Micro-Sized Businesses	52,555,346	26,150,753	26,186,216	218,377

Table A10n: Value of stocks at beginning of year in the services sector in Western region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Western	78,542,763	34,808,378	43,014,402	719,983
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,146,420	110,707	1,027,093	8,620
Wholesale and retail trade and repair of motor vehicles and motorcycles	705,718	59,518	638,200	8,000
Wholesale trade, except of motor vehicles and motorcycles	191,746	0	191,746	0
Retail trade, except of motor vehicles and motorcycles	248,957	51,190	197,147	620
Transportation and storage	1,261,927	801,959	154,275	305,693
Land transport and transport via pipelines	1,000,354	694,661	0	305,693
Water transport	520	520	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	234,488	95,773	138,715	0
Postal and courier activities	26,565	11,005	15,560	0
Accommodation and food service activities	31,454,845	13,063,135	18,345,374	46,336
Accommodation	8,816,899	8,064,115	706,448	46,336
Food and beverage service activities	22,637,946	4,999,020	17,638,926	0
Information and communication	12,838,884	242,165	12,596,719	0
Publishing activities	1,376	1,376	0	0
Motion picture, video and television programme production, sound recording	4,880	3,043	1,837	0
Programming and broadcasting activities	579,457	143,328	436,129	0
Telecommunications	12,201,185	54,574	12,146,611	0
Computer programming, consultancy and related activities	42,000	36,000	6,000	0
Information service activities	9,987	3,845	6,142	0
Financial and insurance activities	7,584,838	6,178,901	1,212,104	193,833
Financial service activities, except insurance and pension funding	6,689,601	6,104,063	391,705	193,833
Insurance, reinsurance and pension funding, except compulsory social security	212,245	63,579	148,666	0
Activities auxiliary to financial service and insurance activities	682,993	11,260	671,733	0
Real estate activities	1,027	1,027	0	0
Real estate activities	1,027	1,027	0	0
Professional, scientific and technical activities	2,817,746	2,736,845	80,842	59
Legal and accounting activities	5,355	5,355	0	0
Activities of head offices; management consultancy activities	7,417	2,417	5,000	0
Architectural and engineering activities; technical testing and analysis	2,524,393	2,516,010	8,383	0
Scientific research and development	5,690	5,690	0	0
Advertising and market research	28,000	27,400	600	0
Other professional, scientific and technical activities	241,673	179,488	62,126	59
Veterinary activities	5,219	486	4,733	0
Administrative and support service activities	756,200	685,088	71,112	0
Rental and leasing activities	246,583	232,214	14,369	0
Employment activities	14,056	14,056	0	0
Travel agency, tour operator, reservation service and related activities	2,240	2,240	0	0
Security and investigation activities	8,017	8,017	0	0
Services to buildings and landscape activities	350	350	0	0
Office administrative, office support and other business support activities	484,954	428,211	56,743	0
Education	2,292,107	969,335	1,186,577	136,195
Education	2,292,107	969,335	1,186,577	136,195
Human health and social work activities	9,215,086	5,040,783	4,171,903	2,400
Human health activities	8,926,418	4,752,115	4,171,903	2,400
Social work activities without accommodation	288,668	288,668	0	0

**Table A10n: Value of stocks at beginning of year in the service sector in Western region
(Cont'd)**

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	421,001	403,003	17,777	221
Creative, arts and entertainment activities	57,626	41,626	16,000	0
Libraries, archives, museums and other cultural activities	168	168	0	0
Gambling and betting activities	359,618	359,208	410	0
Sports activities and amusement and recreation activities	3,589	2,001	1,367	221
Other service activities	8,752,681	4,575,429	4,150,627	26,625
Activities of membership organizations	3,241,922	2,642,779	598,045	1,098
Repair of computers and personal and household goods	1,333,734	377,522	938,749	17,463
Other personal service activities	4,177,025	1,555,128	2,613,833	8,064

Table A10o: Value of stocks at beginning of year in the services sector in Central region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Central	30,304,456	15,433,419	14,705,132	165,905
Wholesale and retail trade; repair of motor vehicles and motorcycles	213,476	21,726	191,750	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,741	1,741	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	211,735	19,985	191,750	0
Transportation and storage	202,562	201,562	1,000	0
Land transport and transport via pipelines	185,731	184,731	1,000	0
Warehousing and support activities for transportation	286	286	0	0
Postal and courier activities	16,545	16,545	0	0
Accommodation and food service activities	11,184,811	2,611,259	8,573,552	0
Accommodation	2,193,867	1,360,271	833,596	0
Food and beverage service activities	8,990,943	1,250,988	7,739,955	0
Information and communication	205,729	93,111	20,281	92,337
Publishing activities	14,629	1,292	1,000	12,337
Motion picture, video and television programme production, sound recording	2,120	2,030	90	0
Programming and broadcasting activities	32,128	26,961	5,167	0
Telecommunications	98,082	10,058	8,024	80,000
Computer programming, consultancy and related activities	0	0	0	0
Information service activities	58,770	52,770	6,000	0
Financial and insurance activities	2,181,719	1,406,455	759,968	15,296
Financial service activities, except insurance and pension funding	2,091,780	1,401,919	674,565	15,296
Insurance, reinsurance and pension funding, except compulsory social security	4,448	4,448	0	0
Activities auxiliary to financial service and insurance activities	85,492	88	85,404	0
Real estate activities	295	295	0	0
Real estate activities	295	295	0	0
Professional, scientific and technical activities	118,431	80,214	6,743	31,474
Legal and accounting activities	3,992	3,992	0	0
Activities of head offices; management consultancy activities	100	100	0	0
Architectural and engineering activities; technical testing and analysis	46,325	9,836	5,632	30,857
Advertising and market research	41	41	0	0
Other professional, scientific and technical activities	67,973	66,245	1,111	617
Administrative and support service activities	310,846	180,918	129,928	0
Rental and leasing activities	14,328	7,450	6,878	0
Employment activities	157	157	0	0
Travel agency, tour operator, reservation service and related activities	2,980	2,980	0	0
Security and investigation activities	0	0	0	0
Services to buildings and landscape activities	0	0	0	0
Office administrative, office support and other business support activities	293,381	170,331	123,050	0
Education	3,038,308	2,090,491	943,117	4,700
Education	3,038,308	2,090,491	943,117	4,700
Human health and social work activities	2,822,971	1,342,116	1,476,988	3,867
Human health activities	2,256,578	780,110	1,476,468	0
Residential care activities	42,098	41,678	420	0
Social work activities without accommodation	524,294	520,327	100	3,867
Arts, entertainment and recreation	140,150	121,969	14,110	4,071
Creative, arts and entertainment activities	81,405	81,375	30	0
Libraries, archives, museums and other cultural activities	83	83	0	0
Gambling and betting activities	44,433	34,203	10,230	0
Sports activities and amusement and recreation activities	14,229	6,308	3,850	4,071
Other service activities	9,885,158	7,283,304	2,587,694	14,160
Activities of membership organizations	5,772,991	5,701,832	69,959	1,200
Repair of computers and personal and household goods	915,284	149,869	753,449	11,966
Other personal service activities	3,196,882	1,431,602	1,764,286	994

Table A10p: Value of stocks at beginning of year in the services sector in Greater Accra region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Greater Accra	4,715,637,438	1,744,154,316	2,756,623,100	214,860,022
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,345,224,356	16,347,667	2,328,819,316	57,373
Wholesale and retail trade and repair of motor vehicles and motorcycles	83,166	83,166	0	0
Wholesale trade, except of motor vehicles and motorcycles	29,033,325	16,182,705	12,850,620	0
Retail trade, except of motor vehicles and motorcycles	2,316,107,865	81,796	2,315,968,696	57,373
Transportation and storage	140,315,205	114,340,685	12,306,966	13,667,554
Land transport and transport via pipelines	21,123,259	20,588,083	2,541	532,635
Water transport	1,607,434	1,585,624	20,715	1,095
Air transport	1,482,306	1,482,306	0	0
Warehousing and support activities for transportation	115,547,123	90,129,589	12,283,710	13,133,824
Postal and courier activities	555,084	555,084	0	0
Accommodation and food service activities	231,221,556	131,970,132	80,682,893	18,568,531
Accommodation	67,748,975	21,531,078	28,174,735	18,043,162
Food and beverage service activities	163,472,580	110,439,053	52,508,158	525,369
Information and communication	211,430,511	82,445,572	121,647,747	7,337,192
Publishing activities	16,765,977	3,123,557	12,714,230	928,190
Motion picture, video and television programme production, sound recording	1,461,495	1,453,795	7,500	200
Programming and broadcasting activities	11,930,829	790,457	7,577,877	3,562,495
Telecommunications	165,411,343	64,329,870	98,235,165	2,846,308
Computer programming, consultancy and related activities	6,121,461	5,477,433	644,028	0
Information service activities	9,739,406	7,270,460	2,468,946	0
Financial and insurance activities	1,251,107,882	1,195,733,146	7,983,608	47,391,128
Financial service activities, except insurance and pension funding	1,233,742,283	1,184,359,096	2,580,388	46,802,799
Insurance, reinsurance and pension funding, except compulsory social security	3,092,201	2,993,509	0	98,692
Activities auxiliary to financial service and insurance activities	14,273,397	8,380,541	5,403,220	489,636
Real estate activities	138,903,938	50,447,237	51,348,224	37,108,477
Real estate activities	138,903,938	50,447,237	51,348,224	37,108,477
Professional, scientific and technical activities	49,426,324	9,717,289	22,428,565	17,280,470
Legal and accounting activities	1,865,069	1,858,748	0	6,321
Activities of head offices; management consultancy activities	524,536	524,536	0	0
Architectural and engineering activities; technical testing and analysis	35,290,931	2,653,557	15,412,931	17,224,443
Scientific research and development	279,798	273,929	950	4,919
Advertising and market research	1,318,459	1,318,459	0	0
Other professional, scientific and technical activities	9,671,467	3,061,405	6,565,274	44,788
Veterinary activities	476,065	26,655	449,410	0
Administrative and support service activities	81,866,103	10,035,417	2,393,074	69,437,612
Rental and leasing activities	74,362,062	4,887,873	127,415	69,346,774
Employment activities	283,157	283,157	0	0
Travel agency, tour operator, reservation service and related activities	214,004	214,004	0	0
Security and investigation activities	3,513,980	3,249,947	264,033	0
Services to buildings and landscape activities	2,190,557	839,362	1,260,357	90,838
Office administrative, office support and other business support activities	1,302,344	561,075	741,269	0
Education	35,821,911	24,379,900	9,914,496	1,527,515
Education	35,821,911	24,379,900	9,914,496	1,527,515
Human health and social work activities	62,509,177	31,355,997	31,026,268	126,912
Human health activities	52,426,922	21,277,642	31,026,268	123,012
Residential care activities	47,206	43,306	0	3,900
Social work activities without accommodation	10,035,049	10,035,049	0	0

Table A10p: Value of stocks at beginning of year in the services sector in Greater Accra region (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	1,134,726	513,861	518,748	102,117
Creative, arts and entertainment activities	376,534	115,728	217,105	43,701
Libraries, archives, museums and other cultural activities	151,537	41,121	52,000	58,416
Gambling and betting activities	380,636	224,678	155,958	0
Sports activities and amusement and recreation activities	226,019	132,333	93,686	0
Other service activities	166,675,748	76,867,413	87,553,194	2,255,141
Activities of membership organizations	4,244,920	3,477,620	495,274	272,026
Repair of computers and personal and household goods	128,704,944	55,428,522	71,417,755	1,858,667
Other personal service activities	33,725,885	17,961,271	15,640,166	124,448

Table A 10q: Value of stocks at beginning of year in the service sector in Volta region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Volta	49,134,793	17,453,925	15,256,938	16,423,930
Wholesale and retail trade; repair of motor vehicles and motorcycles	498,002	174,334	323,668	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	131,340	131,340	0	0
Wholesale trade, except of motor vehicles and motorcycles	150,000	0	150,000	0
Retail trade, except of motor vehicles and motorcycles	216,662	42,994	173,668	0
Transportation and storage	257,567	256,569	998	0
Land transport and transport via pipelines	159,853	159,853	0	0
Water transport	4,750	4,750	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	14,908	14,908	0	0
Postal and courier activities	78,056	77,058	998	0
Accommodation and food service activities	10,061,005	1,818,255	7,694,612	548,138
Accommodation	2,957,001	899,797	1,509,066	548,138
Food and beverage service activities	7,104,003	918,458	6,185,545	0
Information and communication	346,328	290,317	56,011	0
Publishing activities	20	20	0	0
Motion picture, video and television programme production, sound recording	8,024	4,124	3,900	0
Programming and broadcasting activities	16,765	16,765	0	0
Telecommunications	58,432	6,321	52,111	0
Computer programming, consultancy and related activities	262,500	262,500	0	0
Information service activities	587	587	0	0
Financial and insurance activities	23,590,069	8,002,111	87,200	15,500,758
Financial service activities, except insurance and pension funding	23,513,418	7,925,460	87,200	15,500,758
Insurance, reinsurance and pension funding, except compulsory social security	11,498	11,498	0	0
Activities auxiliary to financial service and insurance activities	65,154	65,154	0	0
Real estate activities	195,800	800	195,000	0
Real estate activities	195,800	800	195,000	0
Professional, scientific and technical activities	1,763,150	549,844	1,206,656	6,650
Legal and accounting activities	1,208,903	24,368	1,182,835	1,700
Activities of head offices; management consultancy activities	0	0	0	0
Architectural and engineering activities; technical testing and analysis	35,464	33,063	2,401	0
Scientific research and development	0	0	0	0
Advertising and market research	0	0	0	0
Other professional, scientific and technical activities	518,783	492,413	21,420	4,950
Veterinary activities	0	0	0	0
Administrative and support service activities	489,124	244,662	105,183	139,279
Rental and leasing activities	282,360	150,590	920	130,850
Employment activities	624	624	0	0
Travel agency, tour operator, reservation service and related activities	1,500	1,500	0	0
Security and investigation activities	117	117	0	0
Services to buildings and landscape activities	1,009	853	156	0
Office administrative, office support and other business support activities	203,514	90,978	104,107	8,429
Education	913,314	699,931	210,438	2,945
Education	913,314	699,931	210,438	2,945
Human health and social work activities	5,260,348	2,364,685	2,692,692	202,971
Human health activities	4,996,673	2,297,481	2,692,692	6,500
Residential care activities	38,777	38,777	0	0
Social work activities without accommodation	224,898	28,427	0	196,471

**Table A 10q: Value of stocks at beginning of year in the service sector in Volta region
(Cont'd)**

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	34,203	25,145	8,979	79
Creative, arts and entertainment activities	6,695	4,675	2,020	0
Libraries, archives, museums and other cultural activities	809	809	0	0
Gambling and betting activities	10,967	9,929	959	79
Sports activities and amusement and recreation activities	15,732	9,732	6,000	0
Other service activities	5,725,885	3,027,272	2,675,502	23,111
Activities of membership organizations	1,872,458	1,832,923	29,710	9,825
Repair of computers and personal and household goods	1,301,745	131,301	1,160,527	9,917
Other personal service activities	2,551,682	1,063,048	1,485,265	3,369

Table A10r: Value of stocks at beginning of year in the service sector in Eastern region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Eastern	53,236,823	18,961,507	33,247,500	1,027,816
Wholesale and retail trade; repair of motor vehicles and motorcycles	838,889	503,317	335,572	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	39,686	50	39,636	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	799,203	503,267	295,936	0
Transportation and storage	108,766	15,766	93,000	0
Land transport and transport via pipelines	10,125	10,125	0	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	93,956	956	93,000	0
Postal and courier activities	4,685	4,685	0	0
Accommodation and food service activities	9,186,501	2,085,423	7,091,058	10,020
Accommodation	4,207,783	838,527	3,369,256	0
Food and beverage service activities	4,978,718	1,246,897	3,721,801	10,020
Information and communication	1,024,570	741,180	58,659	224,731
Publishing activities	423,137	422,986	0	151
Motion picture, video and television programme production, sound recording	45,389	25,460	19,929	0
Programming and broadcasting activities	487,038	265,858	0	221,180
Telecommunications	42,210	12,829	25,981	3,400
Computer programming, consultancy and related activities	0	0	0	0
Information service activities	26,796	14,046	12,750	0
Financial and insurance activities	1,444,738	1,060,367	232,443	151,928
Financial service activities, except insurance and pension funding	1,171,160	815,089	204,143	151,928
Insurance, reinsurance and pension funding, except compulsory social security	23,518	23,518	0	0
Activities auxiliary to financial service and insurance activities	250,059	221,760	28,299	0
Real estate activities	285,264	195,264	0	90,000
Real estate activities	285,264	195,264	0	90,000
Professional, scientific and technical activities	338,868	123,270	213,727	1,871
Legal and accounting activities	510	510	0	0
Activities of head offices; management consultancy activities	0	0	0	0
Architectural and engineering activities; technical testing and analysis	33,673	33,473	0	200
Scientific research and development	1,613	1,613	0	0
Advertising and market research	0	0	0	0
Other professional, scientific and technical activities	301,072	85,674	213,727	1,671
Veterinary activities	2,000	2,000	0	0
Administrative and support service activities	442,469	388,630	30,575	23,264
Rental and leasing activities	315,721	285,309	10,411	20,001
Employment activities	8,300	7,500	800	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0
Security and investigation activities	6,600	6,600	0	0
Services to buildings and landscape activities	0	0	0	0
Office administrative, office support and other business support activities	111,849	89,221	19,365	3,263
Education	5,485,654	4,417,322	922,265	146,067
Education	5,485,654	4,417,322	922,265	146,067
Human health and social work activities	28,310,670	7,324,740	20,651,250	334,680
Human health activities	27,987,286	7,099,856	20,553,550	333,880
Residential care activities	5,880	5,880	0	0
Social work activities without accommodation	317,505	219,004	97,701	800

**Table A10r: Value of stocks at beginning of year in the service sector in Eastern region
(Cont'd)**

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	101,382	81,064	11,318	9,000
Creative, arts and entertainment activities	76,490	58,246	9,244	9,000
Libraries, archives, museums and other cultural activities	10,115	9,615	500	0
Gambling and betting activities	7,383	6,726	657	0
Sports activities and amusement and recreation activities	7,395	6,478	917	0
Other service activities	5,669,051	2,025,164	3,607,632	36,255
Activities of membership organizations	348,853	332,325	14,010	2,518
Repair of computers and personal and household goods	2,231,869	146,161	2,085,708	0
Other personal service activities	3,088,329	1,546,678	1,507,914	33,737

Table A10s: Value of stocks at beginning of year in the service sector in Ashanti region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services -Ashanti	130,053,353	67,069,687	60,518,837	2,464,829
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,897,637	2,669,893	2,227,744	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	543,853	543,853	0	0
Wholesale trade, except of motor vehicles and motorcycles	876,225	1,225	875,000	0
Retail trade, except of motor vehicles and motorcycles	3,477,559	2,124,815	1,352,744	0
Transportation and storage	4,438,132	898,581	3,539,551	0
Land transport and transport via pipelines	3,789,695	289,695	3,500,000	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	637,958	599,407	38,551	0
Postal and courier activities	10,478	9,478	1,000	0
Accommodation and food service activities	29,786,860	15,266,418	14,096,877	423,565
Accommodation	8,312,732	3,781,295	4,530,924	513
Food and beverage service activities	21,474,126	11,485,122	9,565,952	423,052
Information and communication	855,832	627,319	84,655	143,858
Publishing activities	303,852	210,812	0	93,040
Motion picture, video and television programme production, sound recording	115,377	18,122	46,437	50,818
Programming and broadcasting activities	33,773	33,773	0	0
Telecommunications	370,044	357,624	12,420	0
Computer programming, consultancy and related activities	22,057	2,000	20,057	0
Information service activities	10,728	4,988	5,740	0
Financial and insurance activities	5,694,839	4,412,834	628,605	653,400
Financial service activities, except insurance and pension funding	4,586,039	4,310,934	260,105	15,000
Insurance, reinsurance and pension funding, except compulsory social security	103,959	100,259	3,700	0
Activities auxiliary to financial service and insurance activities	1,004,842	1,642	364,800	638,400
Real estate activities	95,773	95,773	0	0
Real estate activities	95,773	95,773	0	0
Professional, scientific and technical activities	4,254,435	3,157,279	855,226	241,930
Legal and accounting activities	14,185	12,785	0	1,400
Activities of head offices; management consultancy activities	55,438	55,038	400	0
Architectural and engineering activities; technical testing and analysis	1,693,235	1,457,288	150,444	85,503
Scientific research and development	102,004	61,672	2,490	37,842
Advertising and market research	22,005	20,130	1,875	0
Other professional, scientific and technical activities	2,268,980	1,539,315	612,480	117,185
Veterinary activities	98,587	11,050	87,537	0
Administrative and support service activities	10,125,071	1,905,694	8,104,569	114,808
Rental and leasing activities	1,097,993	902,244	83,949	111,800
Employment activities	3,987	3,987	0	0
Travel agency, tour operator, reservation service and related activities	7,991,805	41,805	7,950,000	0
Security and investigation activities	60,878	39,938	20,940	0
Services to buildings and landscape activities	22,500	22,500	0	0
Office administrative, office support and other business support activities	947,908	895,220	49,680	3,008
Education	20,927,890	16,931,305	3,910,233	86,352
Education	20,927,890	16,931,305	3,910,233	86,352
Human health and social work activities	31,537,128	13,286,586	17,515,429	735,113
Human health activities	31,296,688	13,046,566	17,515,359	734,763
Residential care activities	72,578	72,578	0	0
Social work activities without accommodation	167,861	167,441	70	350

**Table A10s: Value of stocks at beginning of year in the service sector in Ashanti region
(Cont'd)**

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	376,823	300,127	76,576	120
Creative, arts and entertainment activities	121,755	94,121	27,514	120
Libraries, archives, museums and other cultural activities	3,580	3,580	0	0
Gambling and betting activities	204,547	189,940	14,607	0
Sports activities and amusement and recreation activities	46,941	12,486	34,455	0
Other service activities	17,062,935	7,517,879	9,479,373	65,683
Activities of membership organizations	2,440,022	2,265,088	170,034	4,900
Repair of computers and personal and household goods	1,427,968	215,411	1,212,557	0
Other personal service activities	13,194,945	5,037,380	8,096,782	60,783

Table A10t: Value of stocks at beginning of year in the service sector in Brong Ahafo region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Brong Ahafo	132,014,789	110,020,059	12,399,245	9,595,485
Wholesale and retail trade; repair of motor vehicles and motorcycles	219,897	158,028	61,819	50
Wholesale and retail trade and repair of motor vehicles and motorcycles	191,421	132,202	59,219	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	28,476	25,826	2,600	50
Transportation and storage	124,583	113,690	10,393	500
Land transport and transport via pipelines	8,064	8,064	0	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	7,533	7,033	0	500
Postal and courier activities	108,987	98,594	10,393	0
Accommodation and food service activities	9,456,514	3,368,523	6,087,021	970
Accommodation	818,949	666,618	151,361	970
Food and beverage service activities	8,637,565	2,701,905	5,935,660	0
Information and communication	92,771,099	92,072,910	523,038	175,151
Publishing activities	4,775	4,775	0	0
Motion picture, video and television programme production, sound recording	1,260	1,260	0	0
Programming and broadcasting activities	92,023,849	92,023,849	0	0
Telecommunications	731,316	33,777	522,388	175,151
Computer programming, consultancy and related activities	2,570	2,520	50	0
Information service activities	7,329	6,729	600	0
Financial and insurance activities	11,141,094	1,755,997	25,692	9,359,405
Financial service activities, except insurance and pension funding	11,124,429	1,739,732	25,692	9,359,005
Insurance, reinsurance and pension funding, except compulsory social security	4,837	4,437	0	400
Activities auxiliary to financial service and insurance activities	11,828	11,828	0	0
Real estate activities	30,525	2,525	28,000	0
Real estate activities	30,525	2,525	28,000	0
Professional, scientific and technical activities	326,398	221,111	100,067	5,220
Legal and accounting activities	6,191	6,191	0	0
Activities of head offices; management consultancy activities	102,950	10,550	92,400	0
Architectural and engineering activities; technical testing and analysis	43,769	43,769	0	0
Scientific research and development	0	0	0	0
Advertising and market research	9,799	9,799	0	0
Other professional, scientific and technical activities	163,689	150,802	7,667	5,220
Veterinary activities	0	0	0	0
Administrative and support service activities	486,729	324,586	160,935	1,208
Rental and leasing activities	239,583	174,194	65,389	0
Employment activities	1,464	1,464	0	0
Travel agency, tour operator, reservation service and related activities	9,750	9,750	0	0
Security and investigation activities	7,224	7,224	0	0
Services to buildings and landscape activities	1,464	224	1,240	0
Office administrative, office support and other business support activities	227,244	131,730	94,306	1,208
Education	2,394,428	1,768,616	585,263	40,549
Education	2,394,428	1,768,616	585,263	40,549
Human health and social work activities	8,503,177	5,968,765	2,533,537	875
Human health activities	8,463,504	5,929,092	2,533,537	875
Residential care activities	37,417	37,417	0	0
Social work activities without accommodation	2,257	2,257	0	0

Table A10t: Value of stocks at beginning of year in the service sector in Brong Ahafo region (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	166,622	130,192	36,355	75
Creative, arts and entertainment activities	8,367	6,792	1,500	75
Libraries, archives, museums and other cultural activities	8,070	8,070	0	0
Gambling and betting activities	133,883	99,028	34,855	0
Sports activities and amusement and recreation activities	16,301	16,301	0	0
Other service activities	6,393,723	4,135,116	2,247,125	11,482
Activities of membership organizations	2,668,152	2,090,037	577,915	200
Repair of computers and personal and household goods	968,189	600,988	363,291	3,910
Other personal service activities	2,757,383	1,444,091	1,305,920	7,372

Table A10u: Value of stocks at beginning of year in the service sector in Northern region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Northern	16,737,800	10,960,760	5,642,747	134,293
Wholesale and retail trade; repair of motor vehicles and motorcycles	385,014	342,266	42,748	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	332,444	289,696	42,748	0
Wholesale trade, except of motor vehicles and motorcycles	1,320	1,320	0	0
Retail trade, except of motor vehicles and motorcycles	51,250	51,250	0	0
Transportation and storage	212,004	13,409	183,395	15,200
Land transport and transport via pipelines	38,513	3,409	35,104	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	15,653	453	0	15,200
Postal and courier activities	157,838	9,547	148,291	0
Accommodation and food service activities	4,351,016	2,248,858	2,102,158	0
Accommodation	1,257,535	357,172	900,363	0
Food and beverage service activities	3,093,481	1,891,686	1,201,795	0
Information and communication	277,194	124,960	151,097	1,137
Publishing activities	13,055	13,055	0	0
Motion picture, video and television programme production, sound recording	7,316	4,350	2,966	0
Programming and broadcasting activities	15,785	15,785	0	0
Telecommunications	118,597	50,967	66,493	1,137
Computer programming, consultancy and related activities	62,734	40,803	21,931	0
Information service activities	59,708	0	59,708	0
Financial and insurance activities	3,535,298	3,323,331	208,397	3,570
Financial service activities, except insurance and pension funding	3,523,697	3,311,730	208,397	3,570
Insurance, reinsurance and pension funding, except compulsory social security	11,601	11,601	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0
Real estate activities	240,060	60	240,000	0
Real estate activities	240,060	60	240,000	0
Professional, scientific and technical activities	345,126	151,176	183,725	10,225
Legal and accounting activities	6,813	6,813	0	0
Activities of head offices; management consultancy activities	6,075	6,075	0	0
Architectural and engineering activities; technical testing and analysis	2,000	2,000	0	0
Scientific research and development	9,028	9,028	0	0
Advertising and market research	2,667	1,192	0	1,475
Other professional, scientific and technical activities	307,083	114,608	183,725	8,750
Veterinary activities	11,460	11,460	0	0
Administrative and support service activities	240,836	139,668	101,168	0
Rental and leasing activities	35,274	10,914	24,360	0
Employment activities	516	516	0	0
Travel agency, tour operator, reservation service and related activities	4,390	890	3,500	0
Security and investigation activities	0	0	0	0
Services to buildings and landscape activities	0	0	0	0
Office administrative, office support and other business support activities	200,656	127,348	73,308	0
Education	2,191,417	1,806,164	281,132	104,121
Education	2,191,417	1,806,164	281,132	104,121
Human health and social work activities	2,634,244	1,554,995	1,079,249	0
Human health activities	2,604,984	1,526,815	1,078,169	0
Residential care activities	4,246	4,246	0	0
Social work activities without accommodation	25,014	23,934	1,080	0

Table A10u: Value of stocks at beginning of year in the service sector in Northern region (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	15,199	14,033	1,166	0
Creative, arts and entertainment activities	580	580	0	0
Libraries, archives, museums and other cultural activities	898	898	0	0
Gambling and betting activities	6,460	6,460	0	0
Sports activities and amusement and recreation activities	7,261	6,095	1,166	0
Other service activities	2,310,391	1,241,839	1,068,512	40
Activities of membership organizations	556,155	556,155	0	0
Repair of computers and personal and household goods	578,375	158,613	419,722	40
Other personal service activities	1,175,861	527,071	648,790	0

Table A10v: Value of stocks at beginning of year in the service sector in Upper East region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Upper East	320,060,905	316,623,052	3,301,822	136,031
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,114	2,114	0	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,114	2,114	0	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	0	0	0	0
Transportation and storage	4,747	4,359	388	0
Land transport and transport via pipelines	1,962	1,962	0	0
Water transport	0	0	0	0
Air transport	0	0	0	0
Warehousing and support activities for transportation	2,287	2,287	0	0
Postal and courier activities	498	110	388	0
Accommodation and food service activities	2,021,148	460,939	1,521,209	39,000
Accommodation	266,879	23,078	204,801	39,000
Food and beverage service activities	1,754,269	437,861	1,316,408	0
Information and communication	38,041	26,465	11,576	0
Publishing activities	0	0	0	0
Motion picture, video and television programme production, sound recording	5,090	4,490	600	0
Programming and broadcasting activities	1,870	1,870	0	0
Telecommunications	20,580	19,155	1,425	0
Computer programming, consultancy and related activities	0	0	0	0
Information service activities	10,501	950	9,551	0
Financial and insurance activities	142,550	133,550	9,000	0
Financial service activities, except insurance and pension funding	142,550	133,550	9,000	0
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0
Activities auxiliary to financial service and insurance activities	0	0	0	0
Real estate activities	500	500	0	0
Real estate activities	500	500	0	0
Professional, scientific and technical activities	104,627	72,127	27,100	5,400
Legal and accounting activities	100	100	0	0
Activities of head offices; management consultancy activities	10,046	10,046	0	0
Architectural and engineering activities; technical testing and analysis	7,861	7,861	0	0
Scientific research and development	932	932	0	0
Advertising and market research	0	0	0	0
Other professional, scientific and technical activities	85,688	53,188	27,100	5,400
Veterinary activities	0	0	0	0
Administrative and support service activities	162,421	103,483	50,081	8,857
Rental and leasing activities	4,191	107	584	3,500
Employment activities	0	0	0	0
Travel agency, tour operator, reservation service and related activities	250	250	0	0
Security and investigation activities	10	10	0	0
Services to buildings and landscape activities	1,856	1,856	0	0
Office administrative, office support and other business support activities	156,114	101,260	49,497	5,357
Education	2,075,448	2,013,073	56,375	6,000
Education	2,075,448	2,013,073	56,375	6,000
Human health and social work activities	314,226,687	313,395,446	761,343	69,898
Human health activities	314,192,262	313,361,021	761,343	69,898
Residential care activities	592	592	0	0
Social work activities without accommodation	33,833	33,833	0	0

Table A10v: Value of stocks at beginning of year in the service sector in Upper East region (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	63,117	37,767	25,350	0
Creative, arts and entertainment activities	60,551	35,551	25,000	0
Libraries, archives, museums and other cultural activities	300	300	0	0
Gambling and betting activities	2,266	1,916	350	0
Sports activities and amusement and recreation activities	0	0	0	0
Other service activities	1,219,506	373,230	839,400	6,876
Activities of membership organizations	117,621	96,331	21,290	0
Repair of computers and personal and household goods	187,600	34,611	152,989	0
Other personal service activities	914,286	242,288	665,122	6,876

Table A10w: Value of stocks at beginning of year in the service sector in Upper West region

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
All Services - Upper West	5,642,739	3,039,038	2,583,977	19,724
Wholesale and retail trade; repair of motor vehicles and motorcycles	36,078	7,478	28,600	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	10,371	7,418	2,953	0
Wholesale trade, except of motor vehicles and motorcycles	0	0	0	0
Retail trade, except of motor vehicles and motorcycles	25,707	60	25,647	0
Transportation and storage	231,836	230,225	1,611	0
Land transport and transport via pipelines	229,615	228,129	1,486	0
Water transport	0	0	0	0
Air transport	60	60	0	0
Warehousing and support activities for transportation	70	70	0	0
Postal and courier activities	2,091	1,966	125	0
Accommodation and food service activities	2,557,068	734,576	1,816,421	6,071
Accommodation	342,712	50,956	288,328	3,428
Food and beverage service activities	2,214,356	683,620	1,528,093	2,643
Information and communication	12,243	8,133	1,860	2,250
Publishing activities	1,268	18	0	1,250
Motion picture, video and television programme production, sound recording	3,460	1,500	960	1,000
Programming and broadcasting activities	4,980	4,980	0	0
Telecommunications	2,535	1,635	900	0
Computer programming, consultancy and related activities	0	0	0	0
Information service activities	0	0	0	0
Financial and insurance activities	547,199	324,868	222,331	0
Financial service activities, except insurance and pension funding	546,429	324,098	222,331	0
Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0
Activities auxiliary to financial service and insurance activities	770	770	0	0
Real estate activities	0	0	0	0
Real estate activities	0	0	0	0
Professional, scientific and technical activities	15,768	8,268	3,800	3,700
Legal and accounting activities	6,750	3,050	0	3,700
Activities of head offices; management consultancy activities	232	232	0	0
Architectural and engineering activities; technical testing and analysis	1,553	1,553	0	0
Scientific research and development	0	0	0	0
Advertising and market research	0	0	0	0
Other professional, scientific and technical activities	7,233	3,433	3,800	0
Veterinary activities	0	0	0	0
Administrative and support service activities	128,087	61,619	66,468	0
Rental and leasing activities	199	199	0	0
Employment activities	0	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0
Security and investigation activities	384	384	0	0
Services to buildings and landscape activities	0	0	0	0
Office administrative, office support and other business support activities	127,504	61,036	66,468	0
Education	592,611	530,739	56,571	5,301
Education	592,611	530,739	56,571	5,301
Human health and social work activities	889,828	862,841	26,509	478
Human health activities	872,982	845,995	26,509	478
Residential care activities	704	704	0	0
Social work activities without accommodation	16,142	16,142	0	0

Table A10w: Value of stocks at beginning of year in the service sector in Upper West region (Cont'd)

ISIC Group	Total GH¢	Consumables and Supplies GH¢	Goods for Resale GH¢	Other Stocks GH¢
Arts, entertainment and recreation	3,056	2,056	1,000	0
Creative, arts and entertainment activities	0	0	0	0
Libraries, archives, museums and other cultural activities	300	300	0	0
Gambling and betting activities	2,716	1,716	1,000	0
Sports activities and amusement and recreation activities	40	40	0	0
Other service activities	628,966	268,237	358,805	1,924
Activities of membership organizations	91,396	91,396	0	0
Repair of computers and personal and household goods	121,471	16,820	103,843	808
Other personal service activities	416,100	160,021	254,963	1,116

Table A11a: Receipts in the industry sector

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non-industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Industry - National	81,157,141,226	74,602,228,102	1,347,954,249	713,931,448	869,692,543	3,240,110,035	383,224,849
Mining and quarrying	20,000,296,655	16,498,255,877	212,169,452	3,260,925	693,879,564	2,586,263,673	6,467,164
Extraction of crude petroleum and natural gas	10,290,568,754	7,743,306,114	8,028,590	0	21,700,101	2,517,533,949	0
Mining of metal ores	8,228,136,652	7,749,189,806	61,594,098	110,450	365,948,991	50,328,072	965,235
Other mining and quarrying	678,273,471	563,834,784	4,947,277	575,475	98,876,682	9,061,445	977,808
Mining support service activities	803,317,778	441,925,172	137,599,487	2,575,000	207,353,790	9,340,208	4,524,121
Manufacturing	42,071,603,730	40,989,025,642	696,892,787	12,822,538	22,200,445	114,192,452	236,469,866
Manufacture of food products	5,511,177,361	5,357,148,097	113,513,462	5,100	2,219,188	20,244,038	18,047,476
Manufacture of beverages	1,860,474,252	1,819,756,721	476,738	1,200,050	1,200	33,930,633	5,108,910
Manufacture of textiles	768,118,398	713,711,106	10,867,453	0	5,600	1,806,595	41,727,644
Manufacture of wearing apparel	787,311,679	516,822,212	231,394,254	70	15,600	94,143	38,985,400
Manufacture of leather and related products	180,897,762	166,504,450	9,825,404	6,259	0	2,650,958	1,910,691
Manufacture of wood and of products of wood and cork, except furniture;	1,492,825,371	1,437,702,171	32,854,342	21,800	6,234,000	3,736,329	12,276,729
Manufacture of paper and paper products	388,573,190	377,658,979	9,039,483	0	0	56,525	1,818,203
Printing and reproduction of recorded media	625,526,075	589,336,673	29,776,642	0	88,588	4,950,584	1,373,588
Manufacture of coke and refined petroleum products	20,873,481,716	20,873,475,344	0	0	0	0	6,372
Manufacture of chemicals and chemical products	1,472,794,835	1,441,956,621	2,169,529	1,436,200	12,749,269	3,010,171	11,473,045
Manufacture of pharmaceuticals, medicinal chemical and botanical products	317,854,007	300,417,565	1,430	0	0	14,846,444	2,588,568
Manufacture of rubber and plastics products	2,454,431,310	2,447,345,427	505,751	14,344	65,119	2,537,012	3,963,657
Manufacture of other non-metallic mineral products	1,116,734,258	1,058,588,210	21,096,817	25,106	207,533	11,787,464	25,029,128
Manufacture of basic metals	723,018,177	703,193,216	17,980,792	99,367	328,314	246,937	1,169,551
Manufacture of fabricated metal products, except machinery and equipment	1,651,862,175	1,491,780,728	118,814,751	3,825,637	251,033	2,010,206	35,179,820
Manufacture of computer, electronic and optical products	25,289,943	24,392,160	393,711	0	0	376,071	128,001

Table A11a: Receipts in the industry sector (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	198,926,513	178,834,350	19,635,195	0	0	117,094	339,874
Manufacture of machinery and equipment n.e.c.	51,637,573	47,576,352	2,295,621	67,220	0	298,816	1,399,564
Manufacture of motor vehicles, trailers and semi-trailers	30,297,706	27,629,108	2,307,097	0	0	0	361,501
Manufacture of other transport equipment	7,628,279	7,354,346	251,492	0	0	0	22,441
Manufacture of furniture	587,625,298	522,248,096	49,571,957	94,290	0	2,494,771	13,216,184
Other manufacturing	842,573,978	833,396,939	2,830,277	5,037,694	0	293,239	1,015,829
Repair and installation of machinery and equipment	102,543,867	52,196,770	21,290,586	989,400	35,000	8,704,422	19,327,689
Electricity, gas, steam and air conditioning supply	6,572,630,355	6,130,659,139	90,908,054	59,011,951	94,753,725	125,698,823	71,598,663
Electricity, gas, steam and air conditioning supply	6,572,630,355	6,130,659,139	90,908,054	59,011,951	94,753,725	125,698,823	71,598,663
Water supply; sewerage, waste management	1,138,525,673	1,105,755,668	4,937,003	802,914	2,851,858	24,102,420	75,810
Water collection, treatment and supply	569,704,269	556,559,911	104,394	766,814	170,627	12,028,206	74,317
Sewerage	4,826,349	4,634,947	0	0	0	189,909	1,493
Waste collection, treatment and disposal activities; materials recovery	563,995,055	544,560,810	4,832,609	36,100	2,681,231	11,884,305	0
Construction	11,374,084,817	9,878,531,777	343,046,954	638,033,121	56,006,951	389,852,667	68,613,347
Construction of buildings	7,198,442,031	6,025,323,299	307,974,340	565,682,655	32,739,134	224,674,562	42,048,041
Civil engineering	3,748,196,758	3,555,132,732	11,139,980	25,572,751	17,721,465	133,193,615	5,436,215
Specialized construction activities	427,446,027	298,075,745	23,932,634	46,777,715	5,546,352	31,984,490	21,129,091

Table A11b: Receipts in the industry sector by size

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non-industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Industry - National	81,157,141,226	74,602,228,102	1,347,954,249	713,931,448	869,692,543	3,240,110,035	383,224,849
Large-Sized Businesses	53,018,778,911	49,116,231,251	321,960,160	87,177,024	532,989,878	2,911,911,916	48,508,682
Medium-Sized Businesses	16,477,738,764	15,871,739,684	137,382,407	37,566,344	246,457,458	79,275,074	105,317,797
Small-Sized Businesses	9,705,682,783	8,123,312,749	531,603,582	587,542,000	84,377,365	228,816,656	150,030,431
Micro-Sized Businesses	1,954,940,769	1,490,944,419	357,008,100	1,646,080	5,867,842	20,106,389	79,367,939
Mining and quarrying	20,000,296,655	16,498,255,877	212,169,452	3,260,925	693,879,564	2,586,263,673	6,467,164
Large-Sized Businesses	13,926,660,224	10,801,166,323	167,960,040	11,800	400,251,940	2,557,264,121	6,000
Medium-Sized Businesses	5,420,706,587	5,126,992,507	41,508,770	3,075,475	223,550,863	21,973,545	3,605,427
Small-Sized Businesses	641,046,903	558,529,256	2,616,642	173,500	70,055,911	6,921,357	2,750,237
Micro-Sized Businesses	11,882,940	11,567,790	84,000	150	20,850	104,650	105,500
Manufacturing	42,071,603,730	40,989,025,642	696,892,787	12,822,538	22,200,445	114,192,452	236,469,866
Large-Sized Businesses	30,373,384,427	30,203,250,866	33,779,814	1,202,850	15,071,684	75,213,369	44,865,844
Medium-Sized Businesses	4,579,263,095	4,473,127,384	59,241,104	5,623,280	6,606,163	19,725,953	14,939,211
Small-Sized Businesses	5,342,278,310	4,929,430,015	292,891,629	5,734,307	477,698	5,730,187	108,014,474
Micro-Sized Businesses	1,776,677,898	1,383,217,377	310,980,240	262,100	44,900	13,522,943	68,650,338
Electricity, gas, steam and air conditioning supply	6,572,630,355	6,130,659,139	90,908,054	59,011,951	94,753,725	125,698,823	71,598,663
Large-Sized Businesses	6,059,048,501	5,693,400,867	90,908,054	57,600,579	94,753,725	122,385,276	0
Medium-Sized Businesses	73,089,303	8,934,877	0	0	0	88,286	64,066,140
Small-Sized Businesses	431,706,688	427,084,555	0	1,411,372	0	3,210,761	0
Micro-Sized Businesses	8,785,863	1,238,840	0	0	0	14,500	7,532,523

Table A11b: Receipts in the industry sector by size (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non-industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Water supply; sewerage, waste management	1,138,525,673	1,105,755,668	4,937,003	802,914	2,851,858	24,102,420	75,810
Large-Sized Businesses	840,273,258	828,145,528	10,680	600	375,100	11,741,350	0
Medium-Sized Businesses	74,781,484	59,027,475	3,807,700	0	118,560	11,826,256	1,493
Small-Sized Businesses	215,120,481	212,515,528	1,048,039	785,834	468,187	292,618	10,275
Micro-Sized Businesses	8,350,449	6,067,137	70,583	16,480	1,890,011	242,196	64,042
Construction	11,374,084,817	9,878,531,777	343,046,954	638,033,121	56,006,951	389,852,667	68,613,347
Large-Sized Businesses	1,819,412,501	1,590,267,667	29,301,572	28,361,195	22,537,429	145,307,800	3,636,838
Medium-Sized Businesses	6,329,898,296	6,203,657,441	32,824,833	28,867,589	16,181,872	25,661,034	22,705,527
Small-Sized Businesses	3,075,530,401	1,995,753,395	235,047,272	579,436,987	13,375,569	212,661,733	39,255,445
Micro-Sized Businesses	149,243,619	88,853,275	45,873,277	1,367,350	3,912,080	6,222,100	3,015,537

Table A11c: Receipts in the industry sector in Western region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non-industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Western	16,272,255,862	13,102,886,506	66,094,517	3,169,498	433,933,454	2,572,317,548	93,854,339
Mining and quarrying	13,852,800,209	10,877,332,895	10,455,090	2,673,500	414,341,298	2,545,931,942	2,065,484
Extraction of crude petroleum and natural gas	10,250,217,639	7,724,655,100	8,028,590	0	0	2,517,533,949	0
Mining of metal ores	3,508,373,745	3,131,268,534	2,426,500	98,500	355,151,672	19,315,039	113,500
Other mining and quarrying	6,833,703	6,420,513	0	0	383,940	7,200	22,050
Mining support service activities	87,375,122	14,988,748	0	2,575,000	58,805,686	9,075,754	1,929,934
Manufacturing	2,031,923,314	1,952,150,333	43,147,688	0	1,595,180	19,512,688	15,517,425
Manufacture of food products	408,301,799	394,332,310	4,016,364	0	1,567,300	5,502,732	2,883,093
Manufacture of beverages	26,502,001	26,465,961	3,040	0	0	33,000	0
Manufacture of textiles	4,559,525	3,816,342	735,333	0	0	0	7,850
Manufacture of wearing apparel	54,401,678	43,703,771	9,741,378	0	0	0	956,529
Manufacture of leather and related products	15,644,061	15,224,288	322,014	0	0	0	97,759
Manufacture of wood and of products of wood and cork, except furniture	144,685,046	138,981,354	2,422,103	0	0	7,700	3,273,889
Manufacture of paper and paper products	799,700	410,900	88,800	0	0	0	300,000
Printing and reproduction of recorded media	1,645,045	1,506,940	23,440	0	0	8,600	106,065
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	3,405,658	3,356,718	0	0	5,880	26,400	16,660
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1,046,400	1,046,400	0	0	0	0	0
Manufacture of rubber and plastics products	1,075,538,076	1,075,519,372	0	0	0	1,225	17,479
Manufacture of other non-metallic mineral products	118,824,126	111,172,295	130,500	0	22,000	7,301,084	198,247
Manufacture of basic metals	28,635,264	28,179,729	102,315	0	0	0	353,220
Manufacture of fabricated metal products, except machinery and equipment	51,824,762	33,240,393	17,807,202	0	0	0	777,167
Manufacture of computer, electronic and optical products	74,950	72,850	0	0	0	0	2,100

Table A11c: Receipts in the industry sector in Western region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	286,000	286,000	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	471,084	375,164	92,320	0	0	0	3,600
Manufacture of motor vehicles, trailers and semi-trailers	985,481	977,382	0	0	0	0	8,099
Manufacture of other transport equipment	4,766,000	4,766,000	0	0	0	0	0
Manufacture of furniture	75,341,743	64,455,799	7,197,369	0	0	907,800	2,780,775
Other manufacturing	399,924	368,794	13,509	0	0	0	17,621
Repair and installation of machinery and equipment	13,784,990	3,891,571	452,000	0	0	5,724,147	3,717,272
Electricity, gas, steam and air conditioning supply	308,782,079	221,251,690	0	0	15,895,440	88,286	71,546,663
Electricity, gas, steam and air conditioning supply	308,782,079	221,251,690	0	0	15,895,440	88,286	71,546,663
Water supply; sewerage, waste management	6,182,653	4,210,760	55,583	271,500	1,584,701	60,109	0
Water collection, treatment and supply	3,769,417	3,351,525	55,583	271,500	30,700	60,109	0
Sewerage	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	2,413,236	859,235	0	0	1,554,001	0	0
Construction	72,567,606	47,940,829	12,436,155	224,498	516,835	6,724,523	4,724,766
Construction of buildings	34,783,933	18,135,508	12,362,059	0	516,835	3,275,672	493,859
Construction of roads and railways	24,742,015	23,492,160	0	0	0	1,249,855	0
Specialized construction activities	13,041,660	6,313,161	74,097	224,498	0	2,198,996	4,230,908

Table A11d: Receipts in the industry sector in Central region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY - Central	933,793,836	826,816,367	46,981,505	109,763	42,404,857	5,918,740	11,562,604
Mining and quarrying	229,420,155	206,500,154	0	0	21,705,001	1,215,000	0
Extraction of crude petroleum and natural gas	40,351,115	18,651,014	0	0	21,700,101	0	0
Mining of metal ores	182,005,200	182,005,200	0	0	0	0	0
Other mining and quarrying	7,063,840	5,843,940	0	0	4,900	1,215,000	0
Mining support service activities	0	0	0	0	0	0	0
Manufacturing	553,092,614	480,196,433	46,248,742	5,070	12,745,589	2,780,478	11,116,302
Manufacture of food products	87,989,060	82,940,977	4,618,671	5,000	1,000	238,582	184,830
Manufacture of beverages	67,281,349	62,329,691	45,154	0	1,200	1,440,200	3,465,104
Manufacture of textiles	3,380,619	3,078,647	258,687	0	0	0	43,285
Manufacture of wearing apparel	56,637,640	28,656,698	25,208,597	70	0	22,400	2,749,875
Manufacture of leather and related products	2,464,394	2,147,913	280,353	0	0	0	36,128
Manufacture of wood and of products of wood and cork, except furniture	11,263,452	9,794,791	1,468,661	0	0	0	0
Manufacture of paper and paper products	37,454,909	37,453,399	720	0	0	0	790
Printing and reproduction of recorded media	2,251,551	1,404,008	529,838	0	0	36,407	281,298
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	72,608,776	58,821,116	73,650	0	12,743,389	924,065	46,556
Manufacture of pharmaceuticals, medicinal chemical and botanical products	424,517	324,917	1,430	0	0	900	97,270
Manufacture of rubber and plastics products	197,550	197,250	300	0	0	0	0
Manufacture of other non-metallic mineral products	13,006,618	9,743,223	2,284	0	0	9,800	3,251,311
Manufacture of basic metals	107,229,882	107,140,602	89,280	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	43,859,908	34,244,303	9,498,561	0	0	0	117,044
Manufacture of computer, electronic and optical products	56,120	45,140	4,110	0	0	0	6,870

Table A11d: Receipts in the industry sector in Central region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	136,500	136,500	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	17,517,119	17,146,503	316,657	0	0	0	53,959
Manufacture of motor vehicles, trailers and semi-trailers	405,555	311,505	325	0	0	0	93,725
Manufacture of other transport equipment	31,500	26,500	5,000	0	0	0	0
Manufacture of furniture	16,965,416	14,091,041	2,264,685	0	0	0	609,690
Other manufacturing	9,881,439	9,707,774	110,856	0	0	0	62,809
Repair and installation of machinery and equipment	2,048,736	453,932	1,470,922	0	0	108,124	15,758
Electricity, gas, steam and air conditioning supply	118,350,560	110,402,840	0	0	7,947,720	0	0
Electricity, gas, steam and air conditioning supply	118,350,560	110,402,840	0	0	7,947,720	0	0
Water supply; sewerage, waste management	2,117,172	2,046,185	3,585	52,351	6,547	5,879	2,625
Water collection, treatment and supply	2,117,172	2,046,185	3,585	52,351	6,547	5,879	2,625
Sewerage	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0
Construction	30,813,333	27,670,754	729,178	52,342	0	1,917,382	443,677
Construction of buildings	22,153,422	19,939,849	277,053	23,904	0	1,887,492	25,124
Construction of roads and railways	3,701,430	3,683,430	0	0	0	18,000	0
Specialized construction activities	4,958,482	4,047,475	452,125	28,438	0	11,891	418,553

Table A11e: Receipts in the industry sector in Greater Accra region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non-industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Greater Accra	51,345,397,960	48,731,986,709	831,611,788	693,468,927	329,430,284	597,089,060	161,811,192
Mining and quarrying	1,867,421,733	1,399,138,314	196,731,515	0	251,122,351	17,065,631	3,363,922
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0
Mining of metal ores	860,119,389	774,645,449	58,962,096	0	10,753,302	14,988,807	769,735
Other mining and quarrying	291,390,708	197,556,441	169,932	0	91,820,945	1,843,390	0
Mining support service activities	715,911,636	426,936,424	137,599,487	0	148,548,104	233,434	2,594,187
Manufacturing	33,893,168,126	33,473,614,662	230,520,860	10,003,552	1,364,482	70,990,887	106,673,683
Manufacture of food products	3,805,672,256	3,779,814,861	18,615,783	0	650,888	3,551,826	3,038,898
Manufacture of beverages	1,406,169,808	1,373,339,229	243,032	1,200,050	0	30,654,569	732,928
Manufacture of textiles	239,340,128	197,967,442	174,314	0	0	1,097,318	40,101,054
Manufacture of wearing apparel	241,641,915	175,628,701	62,929,989	0	15,600	0	3,067,625
Manufacture of leather and related products	17,371,564	13,626,097	274,367	6,259	0	2,650,958	813,883
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	99,046,045	92,894,152	4,206,316	0	0	0	1,945,577
Manufacture of paper and paper products	329,555,178	321,211,208	7,738,722	0	0	56,525	548,723
Printing and reproduction of recorded media	555,069,305	528,696,588	22,490,856	0	88,588	3,187,731	605,542
Manufacture of coke and refined petroleum products	20,866,856,931	20,866,856,931	0	0	0	0	0
Manufacture of chemicals and chemical products	1,333,541,976	1,320,288,920	124,821	0	0	2,007,206	11,121,029
Manufacture of pharmaceuticals, medicinal chemical and botanical products	164,493,191	148,858,009	0	0	0	14,783,619	851,563
Manufacture of rubber and plastics products	1,371,938,608	1,364,932,579	461,861	14,344	65,059	2,535,787	3,928,978
Manufacture of other non-metallic mineral products	454,400,893	417,078,603	13,164,803	24,606	178,333	4,476,580	19,477,968

Table A11e: Receipts in the industry sector in Greater Accra region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non-industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of basic metals	533,825,072	514,984,036	17,538,806	99,367	328,314	246,937	627,612
Manufacture of fabricated metal products, except machinery and equipment	1,129,981,195	1,080,575,062	31,966,635	3,539,012	37,700	1,737,397	12,125,389
Manufacture of computer, electronic and optical products	22,085,859	21,932,689	139,570	0	0	0	13,600
Manufacture of electrical equipment	196,132,790	176,652,382	19,211,814	0	0	117,094	151,500
Manufacture of machinery and equipment n.e.c.	15,675,619	14,156,997	333,000	67,220	0	296,316	822,086
Manufacture of motor vehicles, trailers and semi-trailers	7,614,142	7,610,503	3,239	0	0	0	400
Manufacture of other transport equipment	612,400	475,800	136,500	0	0	0	100
Manufacture of furniture	243,621,566	226,991,442	10,856,594	15,000	0	1,517,893	4,240,637
Other manufacturing	801,000,779	793,512,528	2,025,050	5,037,694	0	267,610	157,897
Repair and installation of machinery and equipment	57,520,909	35,529,902	17,884,790	0	0	1,805,521	2,300,696
Electricity, gas, steam and air conditioning supply	5,173,414,657	4,868,277,628	90,617,381	58,525,495	30,978,183	124,963,970	52,000
Electricity, gas, steam and air conditioning supply	5,173,414,657	4,868,277,628	90,617,381	58,525,495	30,978,183	124,963,970	52,000
Water supply; sewerage, waste management	909,163,942	880,548,883	4,442,940	408,522	101,640	23,660,464	1,493
Water collection, treatment and supply	353,914,345	341,783,333	0	376,022	101,640	11,653,350	0
Sewerage	4,813,574	4,622,172	0	0	0	189,909	1,493
Waste collection, treatment and disposal activities; materials recovery	550,436,023	534,143,378	4,442,940	32,500	0	11,817,205	0
Construction	9,502,229,503	8,110,407,222	309,299,092	624,531,357	45,863,628	360,408,109	51,720,095
Construction of buildings	6,136,539,937	5,017,006,120	281,240,247	563,370,211	30,091,345	205,753,579	39,078,435
Construction of roads and railways	3,007,558,717	2,836,507,370	8,630,722	21,325,371	10,590,166	127,124,050	3,381,038
Specialized construction activities	358,130,847	256,893,732	19,428,123	39,835,776	5,182,116	27,530,479	9,260,621

Table A11f: Receipts in the industry sector in Volta region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Volta	1,209,148,877	1,160,768,037	21,110,347	901,892	7,673,471	6,928,093	11,767,037
Mining and quarrying	6,346,194	6,104,880	0	0	0	241,314	0
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0
Other mining and quarrying	6,346,194	6,104,880	0	0	0	241,314	0
Mining support service activities	0	0	0	0	0	0	0
Manufacturing	793,489,685	765,645,248	18,546,003	0	7,200	625,167	8,666,067
Manufacture of food products	59,048,312	54,642,590	2,058,363	0	0	0	2,347,359
Manufacture of beverages	144,517,722	144,160,222	4,800	0	0	0	352,700
Manufacture of textiles	16,684,196	13,331,355	3,317,455	0	0	3,000	32,386
Manufacture of wearing apparel	37,709,153	29,841,094	6,275,754	0	0	18,347	1,573,958
Manufacture of leather and related products	2,677,161	2,650,165	11,148	0	0	0	15,848
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	119,423,399	116,609,853	1,098,088	0	0	184,683	1,530,775
Manufacture of paper and paper products	580,800	580,800	0	0	0	0	0
Printing and reproduction of recorded media	2,122,614	2,004,635	16,005	0	0	100,474	1,500
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	334,000	331,200	0	0	0	0	2,800
Manufacture of pharmaceuticals, medicinal chemical and botanical products	101,380	93,070	0	0	0	0	8,310
Manufacture of rubber and plastics products	207,970	196,350	3,790	0	0	0	7,830
Manufacture of other non-metallic mineral products	370,071,101	369,435,298	450,270	0	7,200	0	178,333
Manufacture of basic metals	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	6,358,059	5,864,588	373,344	0	0	0	120,127
Manufacture of computer, electronic and optical products	188,798	162,068	16,235	0	0	0	10,495

Table A11f: Receipts in the industry sector in Volta region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	215,373	175,883	3,400	0	0	0	36,090
Manufacture of machinery and equipment n.e.c.	1,014,922	833,012	177,635	0	0	0	4,275
Manufacture of motor vehicles, trailers and semi-trailers	86,016	27,520	58,496	0	0	0	0
Manufacture of other transport equipment	1,542,849	1,445,395	85,813	0	0	0	11,641
Manufacture of furniture	28,615,402	22,039,419	4,580,017	0	0	0	1,995,966
Other manufacturing	365,550	346,710	12,240	0	0	0	6,600
Repair and installation of machinery and equipment	1,624,907	874,020	3,150	0	0	318,663	429,074
Electricity, gas, steam and air conditioning supply	97,612,600	90,989,500	0	0	6,623,100	0	0
Electricity, gas, steam and air conditioning supply	97,612,600	90,989,500	0	0	6,623,100	0	0
Water supply; sewerage, waste management	120,841,132	119,868,538	386,389	26,289	374,500	177,766	7,650
Water collection, treatment and supply	119,949,379	119,710,073	27,601	26,289	0	177,766	7,650
Sewerage	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	891,754	158,465	358,789	0	374,500	0	0
Construction	190,859,265	178,159,872	2,177,954	875,603	668,671	5,883,845	3,093,320
Construction of buildings	176,110,635	165,948,672	1,517,581	578,099	662,911	5,638,558	1,764,814
Construction of roads and railways	12,047,588	9,883,950	611,818	241,618	5,760	87,765	1,216,677
Specialized construction activities	2,701,041	2,327,250	48,555	55,885	0	157,522	111,829

Table A11g: Receipts in the industry sector in Eastern region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Eastern	3,851,282,048	3,759,759,819	40,600,751	932,848	2,977,930	29,353,511	17,657,189
Mining and quarrying	3,013,026,005	2,988,555,137	514,022	587,275	2,234,561	20,327,252	807,758
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0
Mining of metal ores	2,965,787,053	2,951,019,593	113,502	11,800	38,167	14,601,991	2,000
Other mining and quarrying	47,238,952	37,535,544	400,520	575,475	2,196,394	5,725,261	805,758
Mining support service activities	0	0	0	0	0	0	0
Manufacturing	587,346,089	523,241,434	39,758,712	100	0	8,089,748	16,256,095
Manufacture of food products	271,611,246	253,863,424	10,620,419	100	0	4,858,524	2,268,779
Manufacture of beverages	51,482,001	51,396,819	0	0	0	49,864	35,318
Manufacture of textiles	38,621,920	37,893,512	1,100	0	0	694,708	32,600
Manufacture of wearing apparel	58,616,596	33,181,622	17,447,822	0	0	17,936	7,969,216
Manufacture of leather and related products	3,118,556	2,877,333	133,598	0	0	0	107,625
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	32,587,879	27,296,637	2,489,989	0	0	2,333,362	467,891
Manufacture of paper and paper products	3,131,788	3,131,788	0	0	0	0	0
Printing and reproduction of recorded media	3,093,499	2,379,776	580,321	0	0	90,074	43,328
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	655,267	648,652	375	0	0	0	6,240
Manufacture of pharmaceuticals, medicinal chemical and botanical products	17,204,615	15,880,225	0	0	0	45,000	1,279,390
Manufacture of rubber and plastics products	72,000	72,000	0	0	0	0	0
Manufacture of other non-metallic mineral products	28,346,202	26,865,072	86,830	0	0	0	1,394,300
Manufacture of basic metals	16,948,835	16,947,135	0	0	0	0	1,700
Manufacture of fabricated metal products, except machinery and equipment	20,170,953	16,409,247	2,838,412	0	0	0	923,294
Manufacture of computer, electronic and optical products	191,762	106,790	70,986	0	0	0	13,986
Manufacture of electrical equipment	1,375,076	935,783	373,448	0	0	0	65,845
Manufacture of machinery and equipment n.e.c.	1,395,038	1,044,295	304,266	0	0	0	46,477

Table A11g: Receipts in the industry sector in Eastern region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of motor vehicles, trailers and semi-trailers	694,930	534,273	2,555	0	0	0	158,102
Manufacture of other transport equipment	21,718	13,663	8,055	0	0	0	0
Manufacture of furniture	26,439,267	21,041,897	4,308,161	0	0	0	1,089,209
Other manufacturing	10,484,470	9,966,148	237,711	0	0	0	280,611
Repair and installation of machinery and equipment	1,082,472	755,343	254,664	0	0	280	72,185
Electricity, gas, steam and air conditioning supply	127,385,296	127,385,296	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	127,385,296	127,385,296	0	0	0	0	0
Water supply; sewerage, waste management	1,550,891	1,327,492	3,400	19,630	151,300	49,069	0
Water collection, treatment and supply	1,349,971	1,327,072	400	19,630	1,300	1,569	0
Sewerage	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	200,920	420	3,000	0	150,000	47,500	0
Construction	121,973,767	119,250,460	324,617	325,843	592,069	887,442	593,336
Construction of buildings	10,590,467	9,986,544	58,500	0	275,000	270,423	0
Construction of roads and railways	109,240,675	108,754,812	10,703	0	117,069	345,458	12,633
Specialized construction activities	2,142,624	509,104	255,413	325,843	200,000	271,561	580,703

Table A11h: Receipts in the industry sector in Ashanti region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Ashanti	4,460,982,455	4,248,082,243	118,077,515	5,539,767	40,904,541	13,642,210	34,736,179
Mining and quarrying	810,436,314	800,213,756	4,344,185	0	4,350,788	1,297,585	230,000
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0
Mining of metal ores	684,255,409	682,839,824	38,000	0	0	1,297,585	80,000
Other mining and quarrying	126,180,905	117,373,932	4,306,185	0	4,350,788	0	150,000
Mining support service activities	0	0	0	0	0	0	0
Manufacturing	2,286,782,259	2,147,358,550	101,876,815	1,169,125	253,933	3,019,084	33,104,752
Manufacture of food products	412,832,955	399,422,386	8,929,900	0	0	2,100	4,478,569
Manufacture of beverages	123,217,235	122,974,035	92,000	0	0	100,000	51,200
Manufacture of textiles	452,253,658	449,634,638	1,449,687	0	5,600	10,569	1,153,164
Manufacture of wearing apparel	144,852,057	102,636,375	27,763,537	0	0	0	14,452,145
Manufacture of leather and related products	132,202,915	123,319,602	8,238,744	0	0	0	644,569
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	268,916,681	254,558,367	12,278,813	0	0	142,395	1,937,106
Manufacture of paper and paper products	13,211,434	11,034,576	1,208,168	0	0	0	968,690
Printing and reproduction of recorded media	56,516,988	49,705,989	5,112,079	0	0	1,498,339	200,581
Manufacture of coke and refined petroleum products	6,624,785	6,618,413	0	0	0	0	6,372
Manufacture of chemicals and chemical products	48,695,385	48,642,885	0	0	0	52,500	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	133,351,904	132,982,944	0	0	0	16,925	352,035
Manufacture of rubber and plastics products	1,618,511	1,597,930	12,800	0	0	0	7,781
Manufacture of other non-metallic mineral products	28,421,047	22,040,821	6,252,976	500	0	0	126,750
Manufacture of basic metals	32,942,632	32,705,512	150,720	0	0	0	86,400
Manufacture of fabricated metal products, except machinery and equipment	259,818,874	236,357,903	20,642,259	286,625	213,333	241,500	2,077,254
Manufacture of computer, electronic and optical products	2,138,984	1,592,063	157,500	0	0	376,071	13,350

Table A11h: Receipts in the industry sector in Ashanti region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	623,386	526,436	19,200	0	0	0	77,750
Manufacture of machinery and equipment n.e.c.	4,063,147	4,026,547	30,600	0	0	0	6,000
Manufacture of motor vehicles, trailers and semi-trailers	20,020,746	17,806,196	2,176,850	0	0	0	37,700
Manufacture of other transport equipment	109,340	100,340	0	0	0	0	9,000
Manufacture of furniture	113,250,690	107,042,027	6,005,663	4,600	0	0	198,400
Other manufacturing	13,722,717	12,976,307	270,322	0	0	25,629	450,459
Repair and installation of machinery and equipment	17,376,189	9,056,257	1,085,000	877,400	35,000	553,056	5,769,476
Electricity, gas, steam and air conditioning supply	488,063,000	454,947,500	0	0	33,115,500	0	0
Electricity, gas, steam and air conditioning supply	488,063,000	454,947,500	0	0	33,115,500	0	0
Water supply; sewerage, waste management	16,296,308	16,228,201	0	0	0	4,065	64,042
Water collection, treatment and supply	7,826,996	7,758,889	0	0	0	4,065	64,042
Sewerage	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	8,469,312	8,469,312	0	0	0	0	0
Construction	859,404,573	829,334,236	11,856,514	4,370,642	3,184,319	9,321,477	1,337,385
Construction of buildings	698,146,139	679,558,748	10,675,280	184,612	1,154,605	5,969,544	603,350
Construction of roads and railways	138,553,777	128,281,657	903,100	4,005,762	2,029,714	3,203,544	130,000
Specialized construction activities	22,704,657	21,493,831	278,134	180,268	0	148,389	604,035

Table A11i: Receipts in the industry sector in Brong Ahafo region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Brong Ahafo	1,717,525,611	1,587,921,490	77,614,014	370,355	6,891,616	9,506,775	35,221,361
Mining and quarrying	214,233,213	214,233,213	0	0	0	0	0
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0
Mining of metal ores	26,923,256	26,923,256	0	0	0	0	0
Other mining and quarrying	187,309,957	187,309,957	0	0	0	0	0
Mining support service activities	0	0	0	0	0	0	0
Manufacturing	1,435,455,661	1,309,174,838	76,265,210	113,833	6,234,060	9,001,551	34,666,169
Manufacture of food products	316,470,922	297,698,860	12,077,647	0	0	6,055,721	638,694
Manufacture of beverages	18,955,820	17,050,920	0	0	0	1,653,000	251,900
Manufacture of textiles	703,320	602,970	99,350	0	0	0	1,000
Manufacture of wearing apparel	112,281,690	73,577,027	33,375,073	0	0	29,860	5,299,730
Manufacture of leather and related products	6,152,522	5,644,769	378,156	0	0	0	129,597
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	799,583,672	785,596,912	5,009,893	0	6,234,000	1,049,083	1,693,784
Manufacture of paper and paper products	3,766,882	3,765,488	1,394	0	0	0	0
Printing and reproduction of recorded media	2,699,322	2,382,950	189,509	0	0	26,158	100,705
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	5,509,249	4,181,921	1,244,428	0	0	0	82,900
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1,200,000	1,200,000	0	0	0	0	0
Manufacture of rubber and plastics products	279,008	251,948	27,000	0	60	0	0
Manufacture of other non-metallic mineral products	19,228,581	18,683,857	544,724	0	0	0	0
Manufacture of basic metals	0	0	0	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	77,989,088	45,440,951	15,143,658	0	0	31,309	17,373,170
Manufacture of computer, electronic and optical products	516,670	454,280	1,290	0	0	0	61,100

Table A11i: Receipts in the industry sector in Brong Ahafo region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	63,375	58,276	5,099	0	0	0	0
Manufacture of machinery and equipment n.e.c.	4,913,775	3,887,507	665,418	0	0	0	360,850
Manufacture of motor vehicles, trailers and semi-trailers	368,042	272,579	33,288	0	0	0	62,175
Manufacture of other transport equipment	57,410	54,410	3,000	0	0	0	0
Manufacture of furniture	51,128,339	42,325,861	7,178,062	1,833	0	1,467	1,621,116
Other manufacturing	5,129,540	4,943,293	159,614	0	0	0	26,633
Repair and installation of machinery and equipment	8,458,437	1,100,060	128,609	112,000	0	154,952	6,962,816
Electricity, gas, steam and air conditioning supply	7,440,000	7,440,000	0	0	0	0	0
Electricity, gas, steam and air conditioning supply	7,440,000	7,440,000	0	0	0	0	0
Water supply; sewerage, waste management	6,437,548	5,686,333	25,725	16,472	588,000	121,018	0
Water collection, treatment and supply	5,839,548	5,686,333	15,725	16,472	0	121,018	0
Sewerage	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	598,000	0	10,000	0	588,000	0	0
Construction	53,959,190	51,387,107	1,323,079	240,050	69,556	384,206	555,192
Construction of buildings	35,778,637	34,440,230	1,087,500	126,907	0	124,000	0
Construction of roads and railways	13,977,706	13,977,706	0	0	0	0	0
Specialized construction activities	4,202,847	2,969,171	235,579	113,143	69,556	260,206	555,192

Table A11j: Receipts in the industry sector in Northern region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Northern	885,747,804	775,777,661	85,045,350	8,577,170	5,241,769	1,756,135	9,349,719
Mining and quarrying	31,020	0	0	0	0	31,020	0
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0
Other mining and quarrying	0	0	0	0	0	0	0
Mining support service activities	31,020	0	0	0	0	31,020	0
Manufacturing	291,553,548	201,450,735	83,064,198	1,509,057	0	143,140	5,386,418
Manufacture of food products	82,534,956	52,743,181	29,060,246	0	0	32,652	698,877
Manufacture of beverages	7,605,728	7,421,083	6,750	0	0	0	177,895
Manufacture of textiles	5,137,671	1,129,261	3,991,045	0	0	0	17,365
Manufacture of wearing apparel	50,096,346	14,016,183	34,422,223	0	0	2,350	1,655,590
Manufacture of leather and related products	878,135	669,146	161,537	0	0	0	47,452
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	6,568,936	3,640,222	2,103,893	0	0	846	823,975
Manufacture of paper and paper products	72,500	70,820	1,680	0	0	0	0
Printing and reproduction of recorded media	1,477,686	638,952	809,765	0	0	0	28,969
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	3,509,212	1,179,557	726,045	1,436,200	0	0	167,410
Manufacture of pharmaceuticals, medicinal chemical and botanical products	32,000	32,000	0	0	0	0	0
Manufacture of rubber and plastics products	4,548,557	4,546,968	0	0	0	0	1,589
Manufacture of other non-metallic mineral products	79,658,844	79,355,505	218,431	0	0	0	84,908
Manufacture of basic metals	3,300,020	3,200,000	0	0	0	0	100,020
Manufacture of fabricated metal products, except machinery and equipment	27,831,560	20,695,749	6,047,411	0	0	0	1,088,400
Manufacture of computer, electronic and optical products	11,760	11,760	0	0	0	0	0

Table A11j: Receipts in the industry sector in Northern region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	657,002	508,800	121,518	0	0	0	26,684
Manufacture of motor vehicles, trailers and semi-trailers	108,864	76,020	32,344	0	0	0	500
Manufacture of other transport equipment	227,302	227,302	0	0	0	0	0
Manufacture of furniture	15,585,939	9,638,844	5,361,310	72,857	0	67,611	445,317
Other manufacturing	1,291,910	1,278,710	0	0	0	0	13,200
Repair and installation of machinery and equipment	418,617	370,670	0	0	0	39,680	8,267
Electricity, gas, steam and air conditioning supply	223,246,180	221,634,269	290,673	484,456	193,782	643,000	0
Electricity, gas, steam and air conditioning supply	223,246,180	221,634,269	290,673	484,456	193,782	643,000	0
Water supply; sewerage, waste management	18,726,726	18,666,746	10,200	3,600	22,130	24,050	0
Water collection, treatment and supply	17,749,196	17,736,746	0	0	8,000	4,450	0
Sewerage	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	977,530	930,000	10,200	3,600	14,130	19,600	0
Construction	352,190,328	334,025,910	1,680,279	6,580,057	5,025,856	914,926	3,963,300
Construction of buildings	8,994,990	7,945,252	173,813	699,393	17,100	117,690	41,742
Construction of roads and railways	329,614,776	323,701,399	0	0	4,978,756	731,538	203,083
Specialized construction activities	13,580,562	2,379,259	1,506,466	5,880,664	30,000	65,698	3,718,475

Table A11k: Receipts in the industry sector in Upper East in region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Upper East	259,391,338	216,580,708	37,091,164	804,983	126,165	175,264	4,613,054
Mining and quarrying	4,180,652	3,802,647	124,640	150	125,565	127,650	0
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0
Mining of metal ores	672,600	487,950	54,000	150	5,850	124,650	0
Other mining and quarrying	3,508,052	3,314,697	70,640	0	119,715	3,000	0
Mining support service activities	0	0	0	0	0	0	0
Manufacturing	126,443,466	86,716,050	36,696,910	21,800	0	17,800	2,990,906
Manufacture of food products	34,844,365	19,686,918	13,917,824	0	0	1,900	1,237,723
Manufacture of beverages	10,492,443	10,368,939	81,640	0	0	0	41,864
Manufacture of textiles	5,277,114	4,215,257	804,975	0	0	0	256,882
Manufacture of wearing apparel	17,404,235	9,559,588	7,397,237	0	0	0	447,410
Manufacture of leather and related products	324,681	301,490	5,361	0	0	0	17,830
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	6,228,950	4,712,030	1,364,348	21,800	0	13,400	117,372
Manufacture of paper and paper products	0	0	0	0	0	0	0
Printing and reproduction of recorded media	502,265	496,665	0	0	0	0	5,600
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	4,277,619	4,277,419	200	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	11,830	11,830	0	0	0	0	0
Manufacture of other non-metallic mineral products	3,596,550	3,283,890	0	0	0	0	312,660
Manufacture of basic metals	7,400	0	7,400	0	0	0	0
Manufacture of fabricated metal products, except machinery and equipment	26,075,273	14,072,551	11,592,088	0	0	0	410,634
Manufacture of computer, electronic and optical products	0	0	0	0	0	0	0

Table A11k: Receipts in the industry sector in Upper East in region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	0	0	0	0	0	0	0
Manufacture of machinery and equipment n.e.c.	5,929,866	5,597,526	254,207	0	0	2,500	75,633
Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	0
Manufacture of other transport equipment	9,600	5,600	2,300	0	0	0	1,700
Manufacture of furniture	11,278,975	9,994,847	1,269,330	0	0	0	14,798
Other manufacturing	0	0	0	0	0	0	0
Repair and installation of machinery and equipment	182,300	131,500	0	0	0	0	50,800
Electricity, gas, steam and air conditioning supply	28,278,983	28,275,416	0	0	0	3,567	0
Electricity, gas, steam and air conditioning supply	28,278,983	28,275,416	0	0	0	3,567	0
Water supply; sewerage, waste management	56,248,605	56,240,325	7,680	0	600	0	0
Water collection, treatment and supply	56,227,550	56,227,550	0	0	0	0	0
Sewerage	12,775	12,775	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	8,280	0	7,680	0	600	0	0
Construction	44,239,633	41,546,271	261,934	783,033	0	26,247	1,622,148
Construction of buildings	40,325,577	39,583,460	25,000	650,833	0	25,567	40,717
Construction of roads and railways	1,269,861	1,257,358	0	0	0	0	12,503
Specialized construction activities	2,644,194	705,452	236,934	132,200	0	680	1,568,928

Table A11: Receipts in the industry sector in Upper West region

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
INDUSTRY -Upper West	221,615,438	191,648,562	23,727,298	56,246	108,457	3,422,700	2,652,175
Mining and quarrying	2,401,160	2,374,880	0	0	0	26,280	0
Extraction of crude petroleum and natural gas	0	0	0	0	0	0	0
Mining of metal ores	0	0	0	0	0	0	0
Other mining and quarrying	2,401,160	2,374,880	0	0	0	26,280	0
Mining support service activities	0	0	0	0	0	0	0
Manufacturing	72,348,964	49,477,360	20,767,647	0	0	11,910	2,092,047
Manufacture of food products	31,871,491	22,002,592	9,598,245	0	0	0	270,654
Manufacture of beverages	4,250,144	4,249,821	323	0	0	0	0
Manufacture of textiles	2,160,248	2,041,681	35,509	0	0	1,000	82,058
Manufacture of wearing apparel	13,670,367	6,021,152	6,832,643	0	0	3,250	813,322
Manufacture of leather and related products	63,775	43,647	20,128	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	4,521,310	3,617,852	412,237	0	0	4,860	486,361
Manufacture of paper and paper products	0	0	0	0	0	0	0
Printing and reproduction of recorded media	147,799	120,170	24,829	0	0	2,800	0
Manufacture of coke and refined petroleum products	0	0	0	0	0	0	0
Manufacture of chemicals and chemical products	257,693	228,233	10	0	0	0	29,450
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0	0	0	0	0	0
Manufacture of rubber and plastics products	19,200	19,200	0	0	0	0	0
Manufacture of other non-metallic mineral products	1,180,297	929,647	246,000	0	0	0	4,650
Manufacture of basic metals	129,072	36,202	92,270	0	0	0	600
Manufacture of fabricated metal products, except machinery and equipment	7,952,502	4,879,980	2,905,182	0	0	0	167,340
Manufacture of computer, electronic and optical products	25,040	14,520	4,020	0	0	0	6,500

Table A11: Receipts in the industry sector in Upper West region (Cont'd)

ISIC Group	Total (GH¢)	Sales from main industrial activity (GH¢)	Receipts for Contract work done (GH¢)	Receipts for repair and installation services (GH¢)	Receipts for other industrial services (GH¢)	Receipts from non- industrial services (GH¢)	Sale of goods sold in same condition (GH¢)
Manufacture of electrical equipment	94,014	63,091	22,234	0	0	0	8,689
Manufacture of machinery and equipment n.e.c.	0	0	0	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers	13,930	13,130	0	0	0	0	800
Manufacture of other transport equipment	250,159	239,335	10,824	0	0	0	0
Manufacture of furniture	5,397,963	4,626,919	550,767	0	0	0	220,277
Other manufacturing	297,648	296,673	975	0	0	0	0
Repair and installation of machinery and equipment	46,312	33,515	11,451	0	0	0	1,346
Electricity, gas, steam and air conditioning supply	57,000	55,000	0	2,000	0	0	0
Electricity, gas, steam and air conditioning supply	57,000	55,000	0	2,000	0	0	0
Water supply; sewerage, waste management	960,695	932,205	1,500	4,550	22,440	0	0
Water collection, treatment and supply	960,695	932,205	1,500	4,550	22,440	0	0
Sewerage	0	0	0	0	0	0	0
Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0	0
Construction	145,847,619	138,809,117	2,958,151	49,696	86,017	3,384,510	560,128
Construction of buildings	35,018,296	32,778,917	557,308	48,696	21,337	1,612,038	0
Construction of roads and railways	107,490,211	105,592,890	983,636	0	0	433,405	480,280
Specialized construction activities	3,339,113	437,310	1,417,207	1,000	64,680	1,339,068	79,848

Table A 12a: Receipts in the agriculture sector by size

ISIC Group	Total (GH¢)	Receipts of Agriculture Products (GH¢)	Receipts from non- agriculture activities (GH¢)	Receipts for Goods Purchased for resale (GH¢)	Own Consumption (GH¢)	Subsidies (GH¢)
Agriculture -National						
Agriculture, forestry and fishing	5,728,082,283	5,061,015,104	39,298,416	619,356,914	2,490,731	5,921,118
Large-Sized Businesses	460,748,940	425,751,144	21,981,967	12,650,629	3,200	362,000
Medium-Sized Businesses	1,559,910,677	1,545,938,349	9,872,198	7,000	19,700	4,073,430
Small-Sized Businesses	2,767,502,638	2,755,733,963	7,240,227	2,471,202	721,801	1,335,445
Micro-Sized Businesses	939,920,027	333,591,648	204,023	604,228,083	1,746,030	150,243
Crop and animal production, hunting and related service activities	5,406,685,499	4,744,759,846	34,209,575	619,343,164	2,452,436	5,920,478
Large-Sized Businesses	285,475,345	250,486,593	21,972,923	12,650,629	3,200	362,000
Medium-Sized Businesses	1,450,027,897	1,440,382,141	5,545,626	7,000	19,700	4,073,430
Small-Sized Businesses	2,736,559,424	2,725,549,712	6,508,054	2,457,452	708,901	1,335,305
Micro-Sized Businesses	934,622,832	328,341,400	182,971	604,228,083	1,720,635	149,743
Forestry and logging	9,985,287	9,264,178	721,109	0	0	0
Large-Sized Businesses	31,993	22,949	9,044	0	0	0
Medium-Sized Businesses	720,000	720,000	0	0	0	0
Small-Sized Businesses	9,055,131	8,343,778	711,353	0	0	0
Micro-Sized Businesses	178,163	177,451	712	0	0	0
Fishing and aquaculture	311,411,498	306,991,081	4,367,732	13,750	38,295	640
Large-Sized Businesses	175,241,602	175,241,602	0	0	0	0
Medium-Sized Businesses	109,162,780	104,836,208	4,326,572	0	0	0
Small-Sized Businesses	21,888,084	21,840,474	20,820	13,750	12,900	140
Micro-Sized Businesses	5,119,032	5,072,797	20,340	0	25,395	500

Table A12b: Receipts in the agriculture sector

ISIC Group	Total (GH¢)	Receipts of Agriculture Products (GH¢)	Receipts from non-agriculture activities (GH¢)	Receipts for Goods Purchased for resale (GH¢)	Own Consumption (GH¢)	Subsidies (GH¢)
Agriculture -National						
Agriculture, forestry and fishing	5,728,082,283	5,061,015,104	39,298,416	619,356,914	2,490,731	5,921,118
Crop and animal production, hunting and related service activities	5,406,685,499	4,744,759,846	34,209,575	619,343,164	2,452,436	5,920,478
Forestry and logging	9,985,287	9,264,178	721,109	0	0	0
Fishing and aquaculture	311,411,498	306,991,081	4,367,732	13,750	38,295	640

Table A12c: Receipts in the agriculture sector by region

ISIC Group	Total (GH¢)	Receipts of Agriculture Products (GH¢)	Receipts from non-agriculture activities (GH¢)	Receipts for Goods Purchased for resale (GH¢)	Own Consumption (GH¢)	Subsidies (GH¢)
All Sector -Western Region	1,526,393,768	908,364,385	1,325,700	616,209,576	103,607	390,500
Agriculture forestry and fishing	1,526,393,768	908,364,385	1,325,700	616,209,576	103,607	390,500
Crop and animal production hunting and related service activities	1,526,208,159	908,181,776	1,324,200	616,209,576	102,607	390,000
Forestry and logging	48,953	48,953	0	0	0	0
Fishing and aquaculture	136,656	133,656	1,500	0	1,000	500
All Sector -Central	65,065,099	61,218,566	2,952,659	451,950	27,729	414,195
Agriculture forestry and fishing	65,065,099	61,218,566	2,952,659	451,950	27,729	414,195
Crop and animal production hunting and related service activities	64,596,724	60,763,851	2,939,609	451,950	27,159	414,155
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	468,375	454,715	13,050	0	570	40
All Sector -Greater Accra	571,202,323	566,000,977	5,107,296	38,727	48,716	6,607
Agriculture forestry and fishing	571,202,323	566,000,977	5,107,296	38,727	48,716	6,607
Crop and animal production hunting and related service activities	281,979,361	281,127,087	758,224	38,727	48,716	6,607
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	289,222,963	284,873,891	4,349,072	0	0	0
All Sector -Volta	42,807,641	42,179,774	541,435	52,640	32,588	1,204
Agriculture forestry and fishing	42,807,641	42,179,774	541,435	52,640	32,588	1,204
Crop and animal production hunting and related service activities	39,147,502	39,019,695	55,125	38,890	32,588	1,204
Forestry and logging	791,300	304,990	486,310	0	0	0
Fishing and aquaculture	2,868,839	2,855,089	0	13,750	0	0

Table A12c: Receipts in the agriculture sector by region (Cont'd)

ISIC Group	Total (GH¢)	Receipts of Agriculture Products (GH¢)	Receipts from non-agriculture activities (GH¢)	Receipts for Goods Purchased for resale (GH¢)	Own Consumption (GH¢)	Subsidies (GH¢)
All Sector -Eastern	109,995,106	109,043,365	591,670	24,000	175,349	160,722
Agriculture forestry and fishing	109,995,106	109,043,365	591,670	24,000	175,349	160,722
Crop and animal production hunting and related service activities	92,894,427	91,942,686	591,670	24,000	175,349	160,722
Forestry and logging	1,677,377	1,677,377	0	0	0	0
Fishing and aquaculture	15,423,302	15,423,302	0	0	0	0
All Sector -Ashanti	1,868,527,733	1,844,151,400	22,852,259	280,714	1,211,351	32,009
Agriculture forestry and fishing	1,868,527,733	1,844,151,400	22,852,259	280,714	1,211,351	32,009
Crop and animal production hunting and related service activities	1,861,297,557	1,836,944,268	22,829,215	280,714	1,211,351	32,009
Forestry and logging	6,384,117	6,361,073	23,044	0	0	0
Fishing and aquaculture	846,059	846,059	0	0	0	0
All Sector -Brong Ahafo	262,009,165	253,413,965	2,419,318	524,469	780,432	4,870,981
Agriculture forestry and fishing	262,009,165	253,413,965	2,419,318	524,469	780,432	4,870,981
Crop and animal production hunting and related service activities	260,167,218	251,824,708	2,203,453	524,469	743,707	4,870,881
Forestry and logging	1,083,540	871,785	211,755	0	0	0
Fishing and aquaculture	758,407	717,472	4,110	0	36,725	100
All Sector -Northern	1,274,182,403	1,271,791,763	513,210	1,774,838	87,412	15,180
Agriculture forestry and fishing	1,274,182,403	1,271,791,763	513,210	1,774,838	87,412	15,180
Crop and animal production hunting and related service activities	1,272,513,106	1,270,122,466	513,210	1,774,838	87,412	15,180
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	1,669,297	1,669,297	0	0	0	0

Table A12c: Receipts in the agriculture sector by region (Cont'd)

ISIC Group	Total (GH¢)	Receipts of Agriculture Products (GH¢)	Receipts from non- agriculture activities (GH¢)	Receipts for Goods Purchased for resale (GH¢)	Own Consumption (GH¢)	Subsidies (GH¢)
All Sector -Upper East	1,772,760	1,756,400	250	0	12,390	3,720
Agriculture forestry and fishing	1,772,760	1,756,400	250	0	12,390	3,720
Crop and animal production hunting and related service activities	1,772,760	1,756,400	250	0	12,390	3,720
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	0	0	0	0	0	0
All Sector -Upper West	6,126,284	3,094,510	2,994,619	0	11,155	26,000
Agriculture forestry and fishing	6,126,284	3,094,510	2,994,619	0	11,155	26,000
Crop and animal production hunting and related service activities	6,108,684	3,076,910	2,994,619	0	11,155	26,000
Forestry and logging	0	0	0	0	0	0
Fishing and aquaculture	17,600	17,600	0	0	0	0

Table A13a: Receipts in the service sector

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services - National	224,640,204,738	124,047,239,031	92,325,814,759	7,917,069,500	350,081,448
Wholesale and retail trade; repair of motor vehicles and motorcycles	111,678,150,308	18,039,030,958	91,522,501,682	1,995,332,881	121,284,787
Wholesale and retail trade and repair of motor vehicles and motorcycles	6,944,588,833	789,211,070	6,093,880,359	58,913,608	2,583,796
Wholesale trade, except of motor vehicles and motorcycles	28,682,225,259	359,743,605	27,011,303,027	1,209,540,810	101,637,817
Retail trade, except of motor vehicles and motorcycles	76,051,336,217	16,890,076,282	58,417,318,297	726,878,463	17,063,175
Transportation and storage	3,575,598,025	3,243,583,710	157,568,869	171,950,246	2,495,200
Land transport and transport via pipelines	1,270,992,335	1,257,985,907	1,493,083	9,018,145	2,495,200
Water transport	294,239,539	292,577,735	1,596,734	65,070	0
Air transport	282,679,774	277,213,801	0	5,465,973	0
Warehousing and support activities for transportation	1,673,347,081	1,362,098,174	154,413,219	156,835,688	0
Postal and courier activities	54,339,296	53,708,094	65,833	565,369	0
Accommodation and food service activities	4,793,771,020	4,602,646,937	114,227,522	64,453,548	12,443,013
Accommodation	876,470,082	843,120,246	7,154,731	16,144,763	10,050,342
Food and beverage service activities	3,917,300,938	3,759,526,691	107,072,791	48,308,785	2,392,671
Information and communication	8,487,955,147	8,412,942,797	36,701,821	38,080,888	229,641
Publishing activities	120,315,543	117,727,032	58,267	2,530,244	0
Motion picture, video and television programme production, sound recording	39,397,507	38,940,996	395,041	61,470	0
Programming and broadcasting activities	218,211,819	197,021,260	15,603,669	5,505,560	81,330
Telecommunications	7,772,613,042	7,725,113,208	20,326,725	27,026,709	146,400
Computer programming, consultancy and related activities	123,770,694	121,015,803	210,270	2,544,621	0
Information service activities	213,646,541	213,124,497	107,849	412,284	1,911

Table A13a: Receipts in the service sector (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Financial and insurance activities	82,942,926,917	77,506,206,983	78,534,565	5,351,639,361	6,546,008
Financial service activities, except insurance and pension funding	75,443,504,385	70,260,691,671	19,708,564	5,159,792,504	3,311,646
Insurance, reinsurance and pension funding, except compulsory social security	6,478,708,480	6,351,737,444	118,032	123,618,642	3,234,362
Activities auxiliary to financial service and insurance activities	1,020,714,051	893,777,868	58,707,969	68,228,214	0
Real estate activities	782,585,058	749,332,530	13,454,875	19,797,363	290
Real estate activities	782,585,058	749,332,530	13,454,875	19,797,363	290
Professional, scientific and technical activities	1,185,362,872	1,103,574,638	6,902,603	46,750,454	28,135,177
Legal and accounting activities	109,614,646	106,256,703	86,977	3,270,966	0
Activities of head offices; management consultancy activities	183,592,976	179,147,010	295,700	3,375,495	774,771
Architectural and engineering activities; technical testing and analysis	574,630,478	543,649,497	111,488	30,616,748	252,745
Scientific research and development	79,392,906	52,066,325	113,824	2,148,806	25,063,951
Advertising and market research	135,204,251	129,623,925	131,460	5,448,866	0
Other professional, scientific and technical activities	99,869,567	90,382,283	5,568,030	1,880,994	2,038,260
Veterinary activities	3,058,049	2,448,895	595,124	8,580	5,450
Administrative and support service activities	847,397,392	792,319,842	7,061,887	45,105,657	2,910,006
Rental and leasing activities	133,295,287	112,006,549	1,670,522	19,564,144	54,072
Employment activities	112,701,870	108,901,660	0	1,835,621	1,964,589
Travel agency, tour operator, reservation service and related activities	325,334,616	320,501,767	7,000	4,825,849	0
Security and investigation activities	157,474,928	151,412,466	3,364,249	1,806,868	891,345
Services to buildings and landscape activities	29,377,704	29,048,024	50,760	278,920	0
Office administrative, office support and other business support activities	89,212,988	70,449,377	1,969,357	16,794,254	0

Table A13a: Receipts in the services sector (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Education	6,185,644,507	6,024,470,551	61,902,576	33,008,648	66,262,732
Education	6,185,644,507	6,024,470,551	61,902,576	33,008,648	66,262,732
Human health and social work activities	1,816,660,573	1,656,668,646	31,068,949	70,871,384	58,051,594
Human health activities	1,629,849,444	1,536,337,748	30,896,290	43,596,374	19,019,032
Residential care activities	8,478,221	6,777,186	0	1,306,940	394,095
Social work activities without accommodation	178,332,909	113,553,712	172,659	25,968,070	38,638,468
Arts, entertainment and recreation	225,397,989	219,347,413	3,374,409	2,392,285	283,882
Creative, arts and entertainment activities	12,318,195	11,592,519	222,912	502,764	0
Libraries, archives, museums and other cultural activities	12,658,415	12,329,830	0	47,234	281,351
Gambling and betting activities	171,176,624	169,424,995	296,840	1,454,789	0
Sports activities and amusement and recreation activities	29,244,755	26,000,069	2,854,657	387,498	2,531
Other service activities	2,118,754,930	1,697,114,026	292,515,001	77,686,786	51,439,117
Activities of membership organizations	1,101,098,778	988,595,596	7,778,151	53,302,555	51,422,476
Repair of computers and personal and household goods	508,204,979	299,483,823	203,331,314	5,389,302	540
Other personal service activities	509,451,171	409,034,607	81,405,536	18,994,928	16,100

Table A13b: Receipts in the service sector by size

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services - National					
Wholesale and retail trade; repair of motor vehicles and motorcycles	111,678,150,308	18,039,030,958	91,522,501,682	1,995,332,881	121,284,787
Large-Sized Businesses	8,818,067,174	252,061,848	8,386,224,359	171,176,181	8,604,786
Medium-Sized Businesses	38,400,870,319	16,893,078,057	21,327,387,173	180,394,013	11,076
Small-Sized Businesses	30,246,803,106	595,499,617	28,345,277,921	1,214,455,193	91,570,375
Micro-Sized Businesses	34,212,409,709	298,391,436	33,463,612,230	429,307,493	21,098,550
Transportation and storage	3,575,598,025	3,243,583,710	157,568,869	171,950,246	2,495,200
Large-Sized Businesses	580,149,451	434,777,022	131,559,096	13,813,333	0
Medium-Sized Businesses	1,292,784,728	1,285,375,640	681,478	6,727,610	0
Small-Sized Businesses	757,503,317	604,055,046	6,893,544	146,542,727	12,000
Micro-Sized Businesses	945,160,528	919,376,001	18,434,751	4,866,576	2,483,200
Accommodation and food service activities	4,793,771,020	4,602,646,937	114,227,522	64,453,548	12,443,013
Large-Sized Businesses	350,377,521	334,723,991	26,215	3,913,963	11,713,352
Medium-Sized Businesses	1,657,449,585	1,622,966,341	2,859,047	31,603,312	20,885
Small-Sized Businesses	1,227,505,354	1,197,887,537	12,617,704	16,291,337	708,776
Micro-Sized Businesses	1,558,438,560	1,447,069,068	98,724,556	12,644,936	0
Information and communication	8,487,955,147	8,412,942,797	36,701,821	38,080,888	229,641
Large-Sized Businesses	7,509,752,199	7,506,730,629	0	3,021,570	0
Medium-Sized Businesses	637,146,540	608,988,019	5,784,677	22,298,844	75,000
Small-Sized Businesses	287,703,936	249,088,964	28,164,833	10,446,392	3,747
Micro-Sized Businesses	53,352,474	48,135,187	2,752,311	2,314,082	150,894
Financial and insurance activities	82,942,926,917	77,506,206,983	78,534,565	5,351,639,361	6,546,008
Large-Sized Businesses	42,417,077,912	39,793,518,275	42	2,623,559,595	0
Medium-Sized Businesses	8,744,286,800	8,138,717,126	5,764,886	596,477,744	3,327,044
Small-Sized Businesses	15,000,808,624	14,817,030,584	11,395,275	169,869,534	2,513,231
Micro-Sized Businesses	16,780,753,582	14,756,940,998	61,374,362	1,961,732,488	705,734

Table A13b: Receipts in the services sector by size (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Real estate activities	782,585,058	749,332,530	13,454,875	19,797,363	290
Large-Sized Businesses	248,505,620	241,959,746	0	6,545,874	0
Medium-Sized Businesses	158,054,764	155,276,953	0	2,777,811	0
Small-Sized Businesses	349,353,068	333,131,379	13,454,875	2,766,814	0
Micro-Sized Businesses	26,671,605	18,964,451	0	7,706,864	290
Professional, scientific and technical activities	1,185,362,872	1,103,574,638	6,902,603	46,750,454	28,135,177
Large-Sized Businesses	142,600,405	141,477,234	98,824	1,024,347	0
Medium-Sized Businesses	304,795,905	268,117,281	33,448	13,101,898	23,543,278
Small-Sized Businesses	647,529,608	606,566,232	5,946,684	30,435,297	4,581,395
Micro-Sized Businesses	90,436,953	87,413,891	823,647	2,188,911	10,504
Administrative and support service activities	847,397,392	792,319,842	7,061,887	45,105,657	2,910,006
Large-Sized Businesses	193,347,820	191,926,767	992,830	36,324	391,899
Medium-Sized Businesses	202,487,591	184,735,858	22,599	17,729,134	0
Small-Sized Businesses	325,289,575	295,298,253	2,220,749	25,310,238	2,460,335
Micro-Sized Businesses	126,272,407	120,358,964	3,825,710	2,029,961	57,772
Education	6,185,644,507	6,024,470,551	61,902,576	33,008,648	66,262,732
Large-Sized Businesses	347,416,708	345,204,997	55,836	1,951,568	204,307
Medium-Sized Businesses	4,778,664,095	4,727,953,945	1,563,788	7,775,749	41,370,613
Small-Sized Businesses	930,729,934	880,667,442	3,479,398	22,107,410	24,475,684
Micro-Sized Businesses	128,833,770	70,644,167	56,803,554	1,173,921	212,128
Human health and social work activities	1,816,660,573	1,656,668,646	31,068,949	70,871,384	58,051,594
Large-Sized Businesses	435,009,844	373,174,156	13,132,147	13,570,061	35,133,480
Medium-Sized Businesses	478,858,876	424,873,391	10,444,019	28,125,775	15,415,691
Small-Sized Businesses	824,866,504	786,460,106	3,032,787	28,073,448	7,300,163
Micro-Sized Businesses	77,925,348	72,160,992	4,459,996	1,102,099	202,261

Table A13b: Receipts in the services sector by size (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Arts, entertainment and recreation	225,397,989	219,347,413	3,374,409	2,392,285	283,882
Large-Sized Businesses	26,311,142	26,305,156	0	5,986	0
Medium-Sized Businesses	10,774,966	10,162,875	20,806	591,285	0
Small-Sized Businesses	75,219,163	71,203,834	3,061,961	928,772	24,596
Micro-Sized Businesses	113,092,719	111,675,549	291,642	866,242	259,286
Other service activities	2,118,754,930	1,697,114,026	292,515,001	77,686,786	51,439,117
Large-Sized Businesses	99,403,606	97,719,301	204,000	241,053	1,239,252
Medium-Sized Businesses	214,945,876	209,799,942	149,507	4,816,002	180,425
Small-Sized Businesses	944,430,373	802,033,771	54,190,735	43,614,946	44,590,921
Micro-Sized Businesses	859,975,075	587,561,012	237,970,759	29,014,785	5,428,519

Table A13c: Receipts in the service sector in Western region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Western	7,504,550,306	1,527,738,681	5,460,751,811	497,758,641	18,301,173
Wholesale and retail trade; repair of motor vehicles and motorcycles	5,685,368,032	55,492,003	5,339,431,369	284,111,990	6,332,670
Wholesale and retail trade and repair of motor vehicles and motorcycles	255,112,822	50,289,614	188,903,312	13,966,050	1,953,846
Wholesale trade, except of motor vehicles and motorcycles	1,574,978,381	369,888	1,562,923,507	11,684,986	0
Retail trade, except of motor vehicles and motorcycles	3,855,276,829	4,832,501	3,587,604,550	258,460,954	4,378,824
Transportation and storage	439,909,416	317,880,024	821,180	121,208,212	0
Land transport and transport via pipelines	276,328,820	276,211,644	0	117,176	0
Water transport	7,200	7,200	0	0	0
Air transport	0	0	0	0	0
Warehousing and support activities for transportation	162,936,195	41,076,729	807,180	121,052,286	0
Postal and courier activities	637,200	584,450	14,000	38,750	0
Accommodation and food service activities	352,634,647	326,773,506	23,938,935	1,921,706	500
Accommodation	66,280,284	65,313,689	0	966,595	0
Food and beverage service activities	286,354,364	261,459,818	23,938,935	955,111	500
Information and communication	18,843,557	17,411,211	1,243,156	189,190	0
Publishing activities	44,800	44,800	0	0	0
Motion picture, video and television programme production, sound recording and music publishing activities	446,159	366,787	78,622	750	0
Programming and broadcasting activities	11,642,675	11,520,384	29,605	92,686	0
Telecommunications	6,394,920	5,189,468	1,125,587	79,865	0
Computer programming, consultancy and related activities	91,300	86,300	5,000	0	0
Information service activities	223,705	203,473	4,342	15,890	0
Financial and insurance activities	397,349,639	310,146,523	8,981,758	74,337,556	3,883,802
Financial service activities, except insurance and pension funding	365,342,984	285,152,817	8,934,256	70,601,911	654,000
Insurance, reinsurance and pension funding, except compulsory social security	30,228,391	23,384,303	0	3,614,286	3,229,802
Activities auxiliary to financial service and insurance activities	1,778,265	1,609,404	47,502	121,359	0

Table A13c: Receipts in the service sector in Western region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Real estate activities	3,753,640	3,747,240	0	6,400	0
Real estate activities	3,753,640	3,747,240	0	6,400	0
Professional, scientific and technical activities	27,588,438	23,085,784	146,251	4,353,703	2,700
Legal and accounting activities	1,530,163	1,450,163	0	80,000	0
Activities of head offices; management consultancy activities	567,798	565,098	0	0	2,700
Architectural and engineering activities; technical testing and analysis	20,642,926	16,519,528	11,411	4,111,987	0
Scientific research and development	97,835	97,461	0	374	0
Advertising and market research	378,797	378,797	0	0	0
Other professional, scientific and technical activities	4,362,307	4,066,125	134,840	161,342	0
Veterinary activities	8,612	8,612	0	0	0
Administrative and support service activities	21,715,339	20,816,539	576,505	322,295	0
Rental and leasing activities	4,338,492	3,984,252	287,940	66,300	0
Employment activities	1,907,145	1,761,683	0	145,462	0
Travel agency, tour operator, reservation service and related activities	205,437	205,437	0	0	0
Security and investigation activities	2,947,413	2,945,813	1,600	0	0
Services to buildings and landscape activities	293,128	242,368	50,760	0	0
Office administrative, office support and other business support activities	12,023,724	11,676,986	236,205	110,533	0
Education	183,169,108	120,710,388	56,966,179	1,667,587	3,824,954
Education	183,169,108	120,710,388	56,966,179	1,667,587	3,824,954
Human health and social work activities	95,000,431	90,269,925	2,694,862	371,630	1,664,014
Human health activities	73,987,641	70,921,149	2,694,862	371,630	0
Residential care activities	0	0	0	0	0
Social work activities without accommodation	21,012,790	19,348,776	0	0	1,664,014
Arts, entertainment and recreation	69,782,023	69,738,043	3,450	40,530	0
Creative, arts and entertainment activities	479,158	465,888	2,000	11,270	0
Libraries, archives, museums and other cultural activities	6,780	6,780	0	0	0
Gambling and betting activities	56,387,843	56,362,216	100	25,527	0
Sports activities and amusement and recreation activities	12,908,242	12,903,159	1,350	3,733	0
Other service activities	209,436,036	171,667,494	25,948,167	9,227,841	2,592,534
Activities of membership organizations	144,987,086	133,643,166	665,975	8,085,411	2,592,534
Repair of computers and personal and household goods	28,939,654	11,590,249	16,577,229	772,176	0
Other personal service activities	35,509,296	26,434,079	8,704,963	370,254	0

Table A13d: Receipts in the service sector in Central region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Central	3,647,631,815	876,102,026	2,480,214,441	161,670,951	129,644,397
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,714,626,051	37,558,268	2,427,513,487	147,494,401	102,059,895
Wholesale and retail trade and repair of motor vehicles and motorcycles	61,462,329	20,061,696	36,257,518	5,143,115	0
Wholesale trade, except of motor vehicles and motorcycles	1,230,071,722	0	1,019,280,252	109,885,786	100,905,684
Retail trade, except of motor vehicles and motorcycles	1,423,092,000	17,496,572	1,371,975,717	32,465,500	1,154,211
Transportation and storage	10,970,622	10,952,925	100	17,597	0
Land transport and transport via pipelines	10,423,934	10,408,627	100	15,207	0
Water transport	0	0	0	0	0
Air transport	0	0	0	0	0
Warehousing and support activities for transportation	174,384	171,994	0	2,390	0
Postal and courier activities	372,304	372,304	0	0	0
Accommodation and food service activities	199,161,931	158,024,222	38,500,168	2,637,541	0
Accommodation	48,854,271	46,923,516	68,478	1,862,277	0
Food and beverage service activities	150,307,660	111,100,706	38,431,690	775,264	0
Information and communication	5,944,449	5,456,448	32,784	375,297	79,920
Publishing activities	140,638	140,238	400	0	0
Motion picture, video and television programme production, sound recording and music publishing activities	120,410	114,970	100	5,340	0
Programming and broadcasting activities	2,291,187	1,868,110	0	343,157	79,920
Telecommunications	3,192,552	3,156,390	15,662	20,500	0
Computer programming, consultancy and related activities	6,800	6,800	0	0	0
Information service activities	192,863	169,941	16,622	6,300	0
Financial and insurance activities	433,198,328	426,582,206	1,646,253	4,453,508	516,361
Financial service activities, except insurance and pension funding	169,100,188	162,557,431	1,580,334	4,446,062	516,361
Insurance, reinsurance and pension funding, except compulsory social security	262,053,174	262,046,214	0	6,960	0
Activities auxiliary to financial service and insurance activities	2,044,968	1,978,562	65,920	486	0

Table A13d: Receipts in the service sector in Central region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Real estate activities	15,754,861	15,754,861	0	0	0
Real estate activities	15,754,861	15,754,861	0	0	0
Professional, scientific and technical activities	5,601,920	4,584,020	25,456	991,844	600
Legal and accounting activities	357,832	353,572	0	4,260	0
Activities of head offices; management consultancy activities	20,292	20,250	0	42	0
Architectural and engineering activities; technical testing and analysis	3,165,384	2,330,482	20,700	813,602	600
Scientific research and development	0	0	0	0	0
Advertising and market research	54,303	36,303	0	18,000	0
Other professional, scientific and technical activities	2,004,108	1,843,412	4,756	155,940	0
Veterinary activities	0	0	0	0	0
Administrative and support service activities	5,976,359	5,803,958	57,820	105,346	9,235
Rental and leasing activities	1,203,850	1,127,705	27,770	39,140	9,235
Employment activities	23,500	23,500	0	0	0
Travel agency, tour operator, reservation service and related activities	49,938	49,938	0	0	0
Security and investigation activities	748,343	748,343	0	0	0
Services to buildings and landscape activities	210,000	210,000	0	0	0
Office administrative, office support and other business support activities	3,740,728	3,644,472	30,050	66,206	0
Education	99,930,069	97,834,204	106,762	1,885,505	103,598
Education	99,930,069	97,834,204	106,762	1,885,505	103,598
Human health and social work activities	50,256,418	46,478,515	686	745,217	3,032,000
Human health activities	34,526,984	34,350,815	536	175,633	0
Residential care activities	3,105,589	3,056,589	0	49,000	0
Social work activities without accommodation	12,623,845	9,071,111	150	520,584	3,032,000
Arts, entertainment and recreation	7,944,973	7,604,884	17,798	322,291	0
Creative, arts and entertainment activities	177,079	148,614	8,938	19,527	0
Libraries, archives, museums and other cultural activities	0	0	0	0	0
Gambling and betting activities	6,568,140	6,545,154	7,010	15,976	0
Sports activities and amusement and recreation activities	1,199,756	911,117	1,850	286,789	0
Other service activities	98,265,836	59,467,514	12,313,129	2,642,405	23,842,788
Activities of membership organizations	56,302,579	31,522,381	98,297	840,699	23,841,202
Repair of computers and personal and household goods	10,232,598	4,938,228	5,175,329	119,041	0
Other personal service activities	31,730,658	23,006,905	7,039,502	1,682,665	1,586

Table A13e: Receipts in the service sector in Greater Accra region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Greater Accra	170,053,252,672	112,742,803,398	50,450,843,094	6,701,450,143	158,156,037
Wholesale and retail trade; repair of motor vehicles and motorcycles	68,917,512,366	17,560,210,291	50,149,324,669	1,199,226,344	8,751,062
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,485,233,803	461,370,249	1,998,598,880	24,634,724	629,950
Wholesale trade, except of motor vehicles and motorcycles	20,268,059,112	341,005,296	19,054,748,188	872,305,628	0
Retail trade, except of motor vehicles and motorcycles	46,164,219,452	16,757,834,746	29,095,977,602	302,285,992	8,121,112
Transportation and storage	2,919,968,711	2,731,143,834	136,784,754	49,556,923	2,483,200
Land transport and transport via pipelines	869,307,017	858,134,899	165,687	8,523,231	2,483,200
Water transport	293,493,639	291,854,035	1,596,734	42,870	0
Air transport	282,589,224	277,123,251	0	5,465,973	0
Warehousing and support activities for transportation	1,434,513,355	1,264,454,772	135,022,333	35,036,250	0
Postal and courier activities	40,065,477	39,576,878	0	488,599	0
Accommodation and food service activities	2,809,819,772	2,754,225,485	11,130,775	41,383,950	3,079,562
Accommodation	526,076,079	515,551,579	3,063,776	6,752,448	708,276
Food and beverage service activities	2,283,743,693	2,238,673,906	8,066,999	34,631,502	2,371,286
Information and communication	8,363,385,028	8,312,721,364	15,715,586	34,948,078	0
Publishing activities	111,100,125	108,596,687	0	2,503,438	0
Motion picture, video and television programme production, sound recording and music publishing activities	35,992,532	35,815,032	163,100	14,400	0
Programming and broadcasting activities	181,554,979	162,284,754	14,862,395	4,407,830	0
Telecommunications	7,707,543,691	7,680,610,774	611,570	26,321,347	0
Computer programming, consultancy and related activities	120,414,239	118,963,533	78,521	1,372,185	0
Information service activities	206,779,462	206,450,583	0	328,879	0
Financial and insurance activities	78,018,738,014	72,783,129,551	50,976,923	5,184,497,601	133,939
Financial service activities, except insurance and pension funding	70,901,261,367	65,896,659,751	42	5,004,467,635	133,939
Insurance, reinsurance and pension funding, except compulsory social security	6,135,989,997	6,023,801,597	2	112,188,398	0
Activities auxiliary to financial service and insurance activities	981,486,648	862,668,203	50,976,878	67,841,567	0

Table A13e: Receipts in the service sector in Greater Accra region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Real estate activities	755,067,557	721,824,719	13,454,875	19,787,963	0
Real estate activities	755,067,557	721,824,719	13,454,875	19,787,963	0
Professional, scientific and technical activities	1,046,144,704	981,926,665	1,026,049	37,550,452	25,641,538
Legal and accounting activities	97,231,970	94,085,653	0	3,146,317	0
Activities of head offices; management consultancy activities	179,194,713	175,638,440	0	2,853,017	703,256
Architectural and engineering activities; technical testing and analysis	517,532,743	493,497,990	0	24,034,753	0
Scientific research and development	62,605,302	38,300,457	15,000	1,389,823	22,900,022
Advertising and market research	132,187,845	126,849,841	0	5,338,004	0
Other professional, scientific and technical activities	55,817,737	52,220,714	771,425	787,338	2,038,260
Veterinary activities	1,574,393	1,333,569	239,624	1,200	0
Administrative and support service activities	691,597,402	643,753,108	3,459,116	41,488,108	2,897,070
Rental and leasing activities	84,798,916	67,550,740	0	17,203,340	44,836
Employment activities	109,450,154	105,832,574	0	1,656,691	1,960,889
Travel agency, tour operator, reservation service and related activities	265,699,577	260,923,628	0	4,775,949	0
Security and investigation activities	150,022,519	144,967,163	2,369,819	1,794,192	891,345
Services to buildings and landscape activities	26,963,617	26,714,569	0	249,048	0
Office administrative, office support and other business support activities	54,662,619	37,764,435	1,089,297	15,808,887	0
Education	5,015,113,317	4,936,066,055	1,433,754	17,979,145	59,634,363
Education	5,015,113,317	4,936,066,055	1,433,754	17,979,145	59,634,363
Human health and social work activities	675,649,151	569,687,478	23,518,808	39,128,110	43,314,755
Human health activities	560,704,098	504,874,671	23,347,340	19,499,470	12,982,617
Residential care activities	2,111,290	2,085,040	0	0	26,250
Social work activities without accommodation	112,833,764	62,727,767	171,469	19,628,640	30,305,888
Arts, entertainment and recreation	85,720,546	82,384,909	2,496,018	598,833	240,786
Creative, arts and entertainment activities	6,317,493	5,853,455	142,131	321,907	0
Libraries, archives, museums and other cultural activities	12,217,749	11,967,543	0	9,420	240,786
Gambling and betting activities	58,011,080	57,709,454	42,120	259,506	0
Sports activities and amusement and recreation activities	9,174,224	6,854,457	2,311,767	8,000	0
Other service activities	754,536,103	665,729,940	41,521,767	35,304,635	11,979,761
Activities of membership organizations	377,935,320	341,778,531	175,411	24,001,617	11,979,761
Repair of computers and personal and household goods	200,016,234	170,755,826	28,152,177	1,108,231	0
Other personal service activities	176,584,548	153,195,583	13,194,179	10,194,786	0

Table A13f: Receipts in the service sector in Volta region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Volta	2,232,830,896	507,576,968	1,679,076,928	45,683,272	493,728
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,655,117,459	26,240,243	1,621,268,746	7,608,470	0
Wholesale and retail trade and repair of motor vehicles and motorcycles	27,922,071	7,342,278	20,525,903	53,890	0
Wholesale trade, except of motor vehicles and motorcycles	144,474,975	10,826,120	132,835,262	813,593	0
Retail trade, except of motor vehicles and motorcycles	1,482,720,414	8,071,846	1,467,907,581	6,740,987	0
Transportation and storage	11,970,861	11,888,365	9,500	72,996	0
Land transport and transport via pipelines	9,323,909	9,273,338	0	50,571	0
Water transport	738,700	716,500	0	22,200	0
Air transport	0	0	0	0	0
Warehousing and support activities for transportation	1,642,221	1,641,996	0	225	0
Postal and courier activities	266,030	256,530	9,500	0	0
Accommodation and food service activities	183,876,596	173,088,114	10,158,808	629,674	0
Accommodation	24,142,225	22,067,992	2,068,679	5,554	0
Food and beverage service activities	159,734,371	151,020,122	8,090,129	624,120	0
Information and communication	21,363,722	5,425,715	15,871,082	65,725	1,200
Publishing activities	20,965	13,765	0	7,200	0
Motion picture, video and television programme production, sound recording and music publishing activities	125,127	114,890	6,696	3,541	0
Programming and broadcasting activities	2,330,783	2,306,733	0	22,850	1,200
Telecommunications	16,695,986	799,496	15,864,386	32,104	0
Computer programming, consultancy and related activities	178,500	178,500	0	0	0
Information service activities	2,012,361	2,012,331	0	30	0

Table A13f: Receipts in the service sector in Volta region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Financial and insurance activities	105,261,661	71,824,069	710,810	32,721,217	5,565
Financial service activities, except insurance and pension funding	97,781,978	68,963,889	607,630	28,204,894	5,565
Insurance, reinsurance and pension funding, except compulsory social security	7,363,003	2,746,569	103,180	4,513,254	0
Activities auxiliary to financial service and insurance activities	116,679	113,610	0	3,069	0
Real estate activities	229,067	229,067	0	0	0
Real estate activities	229,067	229,067	0	0	0
Professional, scientific and technical activities	12,154,087	11,803,154	217,018	133,915	0
Legal and accounting activities	2,234,317	2,128,936	86,977	18,404	0
Activities of head offices; management consultancy activities	688,860	688,860	0	0	0
Architectural and engineering activities; technical testing and analysis	2,512,311	2,399,025	78,177	35,109	0
Scientific research and development	0	0	0	0	0
Advertising and market research	0	0	0	0	0
Other professional, scientific and technical activities	6,716,254	6,583,987	51,864	80,403	0
Veterinary activities	2,346	2,346	0	0	0
Administrative and support service activities	6,525,014	6,125,038	61,580	337,696	700
Rental and leasing activities	1,628,940	1,560,780	8,260	59,900	0
Employment activities	42,003	30,103	0	11,200	700
Travel agency, tour operator, reservation service and related activities	70,000	70,000	0	0	0
Security and investigation activities	119,220	119,220	0	0	0
Services to buildings and landscape activities	722,386	721,886	0	500	0
Office administrative, office support and other business support activities	3,942,465	3,623,049	53,320	266,096	0
Education	79,036,998	77,771,437	900,284	332,938	32,339
Education	79,036,998	77,771,437	900,284	332,938	32,339
Human health and social work activities	45,226,967	44,236,862	80,832	468,925	440,348
Human health activities	41,909,169	41,391,179	79,792	438,198	0
Residential care activities	335,536	262,976	0	2,560	70,000
Social work activities without accommodation	2,982,262	2,582,707	1,040	28,167	370,348

Table A13f: Receipts in the service sector in Volta region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Arts, entertainment and recreation	5,760,823	5,615,511	17,503	116,084	11,725
Creative, arts and entertainment activities	408,746	385,813	12,063	10,870	0
Libraries, archives, museums and other cultural activities	94,226	79,037	0	3,464	11,725
Gambling and betting activities	4,945,569	4,862,079	540	82,950	0
Sports activities and amusement and recreation activities	312,282	288,582	4,900	18,800	0
Other service activities	106,307,639	73,329,394	29,780,764	3,195,630	1,851
Activities of membership organizations	46,937,200	44,359,320	36,200	2,540,369	1,311
Repair of computers and personal and household goods	36,760,190	12,995,439	23,526,892	237,319	540
Other personal service activities	22,610,249	15,974,635	6,217,672	417,942	0

Table A13g: Receipts in the service sector in Eastern region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Eastern	3,573,802,338	868,814,627	2,630,102,041	70,733,330	4,152,340
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,700,084,544	66,050,095	2,592,054,636	41,951,338	28,475
Wholesale and retail trade and repair of motor vehicles and motorcycles	124,028,566	58,869,078	55,467,881	9,691,607	0
Wholesale trade, except of motor vehicles and motorcycles	703,872,202	0	684,515,544	19,351,933	4,725
Retail trade, except of motor vehicles and motorcycles	1,872,183,776	7,181,017	1,852,071,211	12,907,798	23,750
Transportation and storage	24,511,917	6,041,922	18,373,358	84,637	12,000
Land transport and transport via pipelines	5,774,358	5,685,345	4,600	72,413	12,000
Water transport	0	0	0	0	0
Air transport	0	0	0	0	0
Warehousing and support activities for transportation	18,688,063	318,261	18,368,758	1,044	0
Postal and courier activities	49,496	38,316	0	11,180	0
Accommodation and food service activities	222,438,364	214,862,229	6,549,746	1,026,389	0
Accommodation	35,521,039	34,729,226	420,571	371,242	0
Food and beverage service activities	186,917,325	180,133,003	6,129,175	655,147	0
Information and communication	6,780,156	4,488,240	859,429	1,432,277	210
Publishing activities	793,088	793,088	0	0	0
Motion picture, video and television programme production, sound recording and music publishing activities	459,667	315,068	131,760	12,839	0
Programming and broadcasting activities	3,091,962	2,136,970	711,669	243,113	210
Telecommunications	945,626	923,560	16,000	6,066	0
Computer programming, consultancy and related activities	1,386,280	217,960	0	1,168,320	0
Information service activities	103,533	101,595	0	1,938	0

Table A13g: Receipts in the service sector in Eastern region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Financial and insurance activities	200,401,241	185,750,241	2,266,056	11,680,215	704,729
Financial service activities, except insurance and pension funding	171,857,598	159,329,282	149,132	11,679,015	700,169
Insurance, reinsurance and pension funding, except compulsory social security	20,283,424	20,277,664	0	1,200	4,560
Activities auxiliary to financial service and insurance activities	8,260,218	6,143,294	2,116,924	0	0
Real estate activities	1,114,937	1,114,937	0	0	0
Real estate activities	1,114,937	1,114,937	0	0	0
Professional, scientific and technical activities	5,389,694	5,163,700	146,987	79,007	0
Legal and accounting activities	160,353	160,353	0	0	0
Activities of head offices; management consultancy activities	0	0	0	0	0
Architectural and engineering activities; technical testing and analysis	1,982,699	1,954,157	0	28,542	0
Scientific research and development	25,442	20,000	0	5,442	0
Advertising and market research	25,000	25,000	0	0	0
Other professional, scientific and technical activities	3,196,201	3,004,191	146,987	45,023	0
Veterinary activities	0	0	0	0	0
Administrative and support service activities	4,792,091	4,419,806	55,932	316,353	0
Rental and leasing activities	1,361,754	1,267,231	10,371	84,152	0
Employment activities	134,800	134,800	0	0	0
Travel agency, tour operator, reservation service and related activities	0	0	0	0	0
Security and investigation activities	139,400	131,600	0	7,800	0
Services to buildings and landscape activities	0	0	0	0	0
Office administrative, office support and other business support activities	3,156,138	2,886,176	45,561	224,401	0
Education	115,140,204	113,554,015	121,947	682,010	782,232
Education	115,140,204	113,554,015	121,947	682,010	782,232

Table A13g: Receipts in the service sector in Eastern region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Human health and social work activities	158,956,521	151,375,901	20,628	4,988,096	2,571,896
Human health activities	147,385,699	143,587,874	20,628	1,205,301	2,571,896
Residential care activities	84,000	84,000	0	0	0
Social work activities without accommodation	11,486,823	7,704,027	0	3,782,796	0
Arts, entertainment and recreation	4,130,839	3,724,054	291,426	112,828	2,531
Creative, arts and entertainment activities	868,402	856,354	8,448	3,600	0
Libraries, archives, museums and other cultural activities	121,870	114,220	0	7,650	0
Gambling and betting activities	2,655,047	2,342,277	235,570	77,200	0
Sports activities and amusement and recreation activities	485,519	411,202	47,408	24,378	2,531
Other service activities	130,061,830	112,269,487	9,361,897	8,380,179	50,267
Activities of membership organizations	64,583,359	57,146,468	363,172	7,023,452	50,267
Repair of computers and personal and household goods	16,147,606	11,412,507	4,481,184	253,915	0
Other personal service activities	49,330,864	43,710,511	4,517,541	1,102,812	0

Table A13h: Receipts in the service sector in Ashanti region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Ashanti	22,534,015,042	5,010,457,783	17,389,736,995	120,257,984	13,562,280
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,542,499,425	165,040,811	17,322,076,598	54,593,238	788,778
Wholesale and retail trade and repair of motor vehicles and motorcycles	2,653,593,560	94,898,270	2,556,832,034	1,863,256	0
Wholesale trade, except of motor vehicles and motorcycles	1,900,708,837	7,159,021	1,868,400,884	24,520,154	628,778
Retail trade, except of motor vehicles and motorcycles	12,988,197,030	62,983,521	12,896,843,681	28,209,828	160,000
Transportation and storage	103,983,166	102,895,947	232,448	854,771	0
Land transport and transport via pipelines	53,244,759	53,035,296	17,500	191,963	0
Water transport	0	0	0	0	0
Air transport	0	0	0	0	0
Warehousing and support activities for transportation	39,271,409	38,406,252	214,948	650,209	0
Postal and courier activities	11,466,999	11,454,399	0	12,600	0
Accommodation and food service activities	563,597,024	544,835,460	6,686,841	2,711,772	9,362,951
Accommodation	119,399,537	109,240,338	709,564	107,569	9,342,066
Food and beverage service activities	444,197,487	435,595,122	5,977,276	2,604,204	20,885
Information and communication	33,692,878	30,566,040	2,423,832	699,095	3,911
Publishing activities	5,831,668	5,798,251	32,867	550	0
Motion picture, video and television programme production, sound recording and music publishing activities	1,425,417	1,410,398	3,189	11,830	0
Programming and broadcasting activities	8,321,758	7,995,058	0	326,700	0
Telecommunications	14,877,781	12,135,361	2,384,692	355,728	2,000
Computer programming, consultancy and related activities	1,316,842	1,314,242	0	2,600	0
Information service activities	1,919,415	1,912,732	3,085	1,687	1,911

Table A13h: Receipts in the service sector in Ashanti region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Financial and insurance activities	2,617,584,150	2,585,443,536	7,203,627	24,161,196	775,791
Financial service activities, except insurance and pension funding	2,593,400,689	2,567,714,925	1,688,777	23,221,196	775,791
Insurance, reinsurance and pension funding, except compulsory social security	4,521,925	3,567,075	14,850	940,000	0
Activities auxiliary to financial service and insurance activities	19,661,536	14,161,536	5,500,000	0	0
Real estate activities	5,870,814	5,870,814	0	0	0
Real estate activities	5,870,814	5,870,814	0	0	0
Professional, scientific and technical activities	65,407,673	55,770,287	4,759,775	2,708,232	2,169,379
Legal and accounting activities	1,205,041	1,202,228	0	2,813	0
Activities of head offices; management consultancy activities	1,107,937	1,090,687	9,700	7,550	0
Architectural and engineering activities; technical testing and analysis	25,043,069	23,483,090	0	1,559,979	0
Scientific research and development	16,599,727	13,588,807	98,824	748,167	2,163,929
Advertising and market research	1,910,614	1,771,782	131,250	7,582	0
Other professional, scientific and technical activities	18,495,185	13,937,743	4,175,301	382,141	0
Veterinary activities	1,046,100	695,950	344,700	0	5,450
Administrative and support service activities	103,414,432	100,601,119	1,291,951	1,521,362	0
Rental and leasing activities	34,693,868	33,132,155	95,949	1,465,764	0
Employment activities	689,168	666,900	0	22,268	0
Travel agency, tour operator, reservation service and related activities	57,824,854	57,823,654	0	1,200	0
Security and investigation activities	2,756,334	1,760,828	992,830	2,676	0
Services to buildings and landscape activities	1,075,040	1,075,040	0	0	0
Office administrative, office support and other business support activities	6,375,168	6,142,542	203,172	29,454	0
Education	482,969,979	477,241,072	1,720,685	3,861,597	146,625
Education	482,969,979	477,241,072	1,720,685	3,861,597	146,625

Table A13h: Receipts in the service sector in Ashanti region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Human health and social work activities	558,806,859	536,362,537	4,224,900	18,076,735	142,687
Human health activities	552,561,246	532,354,906	4,224,900	15,866,753	114,687
Residential care activities	898,963	426,883	0	444,080	28,000
Social work activities without accommodation	5,346,650	3,580,748	0	1,765,902	0
Arts, entertainment and recreation	29,306,592	27,781,193	522,317	981,082	22,000
Creative, arts and entertainment activities	858,810	770,855	48,755	39,200	0
Libraries, archives, museums and other cultural activities	23,150	1,150	0	0	22,000
Gambling and betting activities	26,022,308	25,090,130	10,000	922,178	0
Sports activities and amusement and recreation activities	2,402,324	1,919,058	463,562	19,704	0
Other service activities	426,882,048	378,048,966	38,594,021	10,088,903	150,158
Activities of membership organizations	235,834,628	230,553,835	436,832	4,693,803	150,158
Repair of computers and personal and household goods	75,443,464	63,093,335	10,354,763	1,995,366	0
Other personal service activities	115,603,955	84,401,795	27,802,426	3,399,734	0

Table A13i: Receipts in the service sector in Brong Ahafo region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Brong Ahafo	6,916,620,330	933,035,352	5,767,856,266	210,690,421	5,038,291
Wholesale and retail trade; repair of motor vehicles and motorcycles	5,962,049,842	45,673,489	5,733,329,356	183,042,167	4,830
Wholesale and retail trade and repair of motor vehicles and motorcycles	1,014,849,825	28,433,258	985,236,358	1,180,209	0
Wholesale trade, except of motor vehicles and motorcycles	1,319,719,214	32,986	1,153,635,909	166,045,489	4,830
Retail trade, except of motor vehicles and motorcycles	3,627,480,802	17,207,244	3,594,457,089	15,816,469	0
Transportation and storage	35,029,742	34,896,857	16,800	116,085	0
Land transport and transport via pipelines	20,106,423	20,067,395	0	39,028	0
Water transport	0	0	0	0	0
Air transport	0	0	0	0	0
Warehousing and support activities for transportation	14,635,906	14,558,889	0	77,017	0
Postal and courier activities	287,413	270,573	16,800	40	0
Accommodation and food service activities	172,124,262	157,430,734	13,378,031	1,315,497	0
Accommodation	21,223,120	20,745,707	32,140	445,273	0
Food and beverage service activities	150,901,142	136,685,027	13,345,891	870,224	0
Information and communication	15,469,251	15,255,837	45,096	168,318	0
Publishing activities	554,522	535,466	0	19,056	0
Motion picture, video and television programme production, sound recording and music publishing activities	619,451	607,601	0	11,850	0
Programming and broadcasting activities	6,301,974	6,270,920	0	31,054	0
Telecommunications	7,691,287	7,605,092	25,296	60,899	0
Computer programming, consultancy and related activities	100,686	100,686	0	0	0
Information service activities	201,331	136,072	19,800	45,459	0

Table A13i: Receipts in the service sector in Brong Ahafo region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Financial and insurance activities	231,221,657	211,104,976	5,690,525	14,426,156	0
Financial service activities, except insurance and pension funding	215,757,642	197,314,371	5,689,780	12,753,491	0
Insurance, reinsurance and pension funding, except compulsory social security	11,145,614	9,472,949	0	1,672,665	0
Activities auxiliary to financial service and insurance activities	4,318,400	4,317,655	745	0	0
Real estate activities	54,221	53,931	0	0	290
Real estate activities	54,221	53,931	0	0	290
Professional, scientific and technical activities	7,816,344	6,795,962	315,827	704,555	0
Legal and accounting activities	868,308	849,136	0	19,172	0
Activities of head offices; management consultancy activities	1,386,660	592,144	286,000	508,516	0
Architectural and engineering activities; technical testing and analysis	644,010	618,253	1,200	24,557	0
Scientific research and development	0	0	0	0	0
Advertising and market research	341,163	339,813	210	1,140	0
Other professional, scientific and technical activities	4,576,203	4,396,616	28,417	151,170	0
Veterinary activities	0	0	0	0	0
Administrative and support service activities	4,970,061	4,141,044	316,980	509,037	3,000
Rental and leasing activities	2,342,989	1,740,239	294,250	308,500	0
Employment activities	7,000	4,000	0	0	3,000
Travel agency, tour operator, reservation service and related activities	238,910	228,910	0	10,000	0
Security and investigation activities	309,299	307,099	0	2,200	0
Services to buildings and landscape activities	49,372	20,000	0	29,372	0
Office administrative, office support and other business support activities	2,022,491	1,840,796	22,730	158,965	0
Education	146,370,369	142,017,729	182,392	3,327,438	842,810
Education	146,370,369	142,017,729	182,392	3,327,438	842,810

Table A13i: Receipts in the service sector in Brong Ahafo region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Human health and social work activities	143,304,526	135,315,130	274,070	4,429,338	3,285,988
Human health activities	143,085,166	135,222,847	274,070	4,412,084	3,176,165
Residential care activities	94,200	79,200	0	15,000	0
Social work activities without accommodation	125,160	13,083	0	2,254	109,823
Arts, entertainment and recreation	15,637,207	15,501,058	18,500	117,649	0
Creative, arts and entertainment activities	1,509,052	1,413,662	0	95,390	0
Libraries, archives, museums and other cultural activities	64,500	64,500	0	0	0
Gambling and betting activities	11,915,542	11,901,722	0	13,820	0
Sports activities and amusement and recreation activities	2,148,113	2,121,174	18,500	8,439	0
Other service activities	182,572,848	164,848,604	14,288,689	2,534,182	901,373
Activities of membership organizations	123,343,917	114,599,514	6,002,264	1,842,166	899,973
Repair of computers and personal and household goods	20,295,018	18,192,724	1,712,416	389,878	0
Other personal service activities	38,933,913	32,056,366	6,574,009	302,138	1,400

Table A13j: Receipts in the service sector in Northern region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Northern	4,743,422,658	673,660,179	4,019,447,144	37,029,756	13,285,579
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,099,056,666	59,080,142	4,013,609,617	26,125,657	241,250
Wholesale and retail trade and repair of motor vehicles and motorcycles	178,408,196	54,970,473	121,594,508	1,843,215	0
Wholesale trade, except of motor vehicles and motorcycles	1,218,733,724	98,294	1,217,737,162	821,268	77,000
Retail trade, except of motor vehicles and motorcycles	2,701,914,747	4,011,374	2,674,277,948	23,461,175	164,250
Transportation and storage	11,240,574	9,890,760	1,328,120	21,694	0
Land transport and transport via pipelines	8,950,778	7,640,708	1,302,620	7,450	0
Water transport	0	0	0	0	0
Air transport	0	0	0	0	0
Warehousing and support activities for transportation	1,123,671	1,123,427	0	244	0
Postal and courier activities	1,166,125	1,126,625	25,500	14,000	0
Accommodation and food service activities	117,642,400	115,042,139	1,538,452	1,061,809	0
Accommodation	14,409,835	13,528,994	783,013	97,828	0
Food and beverage service activities	103,232,565	101,513,145	755,439	963,981	0
Information and communication	12,431,056	11,975,627	285,717	75,312	94,400
Publishing activities	1,734,738	1,709,738	25,000	0	0
Motion picture, video and television programme production, sound recording and music publishing activities	121,798	113,364	7,934	500	0
Programming and broadcasting activities	1,539,626	1,518,706	0	20,920	0
Telecommunications	6,833,084	6,560,275	126,034	52,375	94,400
Computer programming, consultancy and related activities	276,049	147,783	126,749	1,517	0
Information service activities	1,925,760	1,925,760	0	0	0

Table A13j: Receipts in the service sector in Northern region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Financial and insurance activities	364,588,979	359,986,162	98,253	4,014,045	490,519
Financial service activities, except insurance and pension funding	357,631,768	353,453,534	98,253	3,589,462	490,519
Insurance, reinsurance and pension funding, except compulsory social security	4,637,087	4,474,237	0	162,850	0
Activities auxiliary to financial service and insurance activities	2,320,124	2,058,391	0	261,733	0
Real estate activities	689,960	686,960	0	3,000	0
Real estate activities	689,960	686,960	0	3,000	0
Professional, scientific and technical activities	8,716,701	8,268,467	181,835	197,584	68,815
Legal and accounting activities	5,591,089	5,591,089	0	0	0
Activities of head offices; management consultancy activities	142,371	73,556	0	0	68,815
Architectural and engineering activities; technical testing and analysis	48,482	48,482	0	0	0
Scientific research and development	15,100	15,100	0	0	0
Advertising and market research	178,528	94,388	0	84,140	0
Other professional, scientific and technical activities	2,314,533	2,037,434	171,035	106,064	0
Veterinary activities	426,598	408,418	10,800	7,380	0
Administrative and support service activities	3,580,214	3,230,138	200,620	149,456	0
Rental and leasing activities	1,373,519	1,223,976	84,680	64,863	0
Employment activities	448,100	448,100	0	0	0
Travel agency, tour operator, reservation service and related activities	391,690	381,690	7,000	3,000	0
Security and investigation activities	0	0	0	0	0
Services to buildings and landscape activities	0	0	0	0	0
Office administrative, office support and other business support activities	1,366,905	1,176,372	108,940	81,593	0
Education	30,535,351	28,204,234	402,433	1,519,474	409,210
Education	30,535,351	28,204,234	402,433	1,519,474	409,210

Table A13j: Receipts in the service sector in Northern region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Human health and social work activities	35,437,400	32,305,066	86,197	2,115,519	930,618
Human health activities	29,675,718	28,209,435	86,197	1,213,419	166,667
Residential care activities	1,735,623	670,978	0	796,300	268,345
Social work activities without accommodation	4,026,059	3,424,653	0	105,800	495,606
Arts, entertainment and recreation	2,009,575	1,955,163	5,897	48,515	0
Creative, arts and entertainment activities	46,527	45,750	577	200	0
Libraries, archives, museums and other cultural activities	93,000	71,400	0	21,600	0
Gambling and betting activities	1,640,034	1,630,974	0	9,060	0
Sports activities and amusement and recreation activities	230,014	207,039	5,320	17,655	0
Other service activities	57,493,783	43,035,322	1,710,002	1,697,691	11,050,768
Activities of membership organizations	36,453,003	24,658,060	0	744,175	11,050,768
Repair of computers and personal and household goods	3,868,149	3,128,101	365,217	374,831	0
Other personal service activities	17,172,631	15,249,161	1,344,785	578,685	0

Table A13k: Receipts in the service sector in Upper East region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services -Upper East	1,760,939,957	247,329,826	1,442,110,321	65,694,554	5,805,256
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,381,751,850	11,942,396	1,320,466,034	46,292,889	3,050,531
Wholesale and retail trade and repair of motor vehicles and motorcycles	29,812,204	2,878,983	26,683,225	249,996	0
Wholesale trade, except of motor vehicles and motorcycles	131,204,112	252,000	126,870,852	4,073,460	7,800
Retail trade, except of motor vehicles and motorcycles	1,220,735,534	8,811,413	1,166,911,957	41,969,433	3,042,731
Transportation and storage	9,445,057	9,428,801	33	16,223	0
Land transport and transport via pipelines	9,107,048	9,107,048	0	0	0
Water transport	0	0	0	0	0
Air transport	24,000	24,000	0	0	0
Warehousing and support activities for transportation	304,176	288,153	0	16,023	0
Postal and courier activities	9,833	9,600	33	200	0
Accommodation and food service activities	115,702,700	102,526,717	1,564,175	11,611,808	0
Accommodation	8,730,175	3,212,987	0	5,517,188	0
Food and beverage service activities	106,972,524	99,313,729	1,564,175	6,094,620	0
Information and communication	9,328,315	9,008,868	159,099	110,348	50,000
Publishing activities	0	0	0	0	0
Motion picture, video and television programme production, sound recording and music publishing activities	48,307	47,887	0	420	0
Programming and broadcasting activities	773,179	773,179	0	0	0
Telecommunications	8,279,017	8,036,092	95,099	97,826	50,000
Computer programming, consultancy and related activities	0	0	0	0	0
Information service activities	227,812	151,710	64,000	12,102	0
Financial and insurance activities	35,877,594	33,804,583	959,880	1,077,828	35,303
Financial service activities, except insurance and pension funding	33,803,223	32,248,402	959,880	559,638	35,303
Insurance, reinsurance and pension funding, except compulsory social security	1,347,158	828,968	0	518,190	0
Activities auxiliary to financial service and insurance activities	727,213	727,213	0	0	0

Table A13k: Receipts in the service sector in Upper East region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Real estate activities	50,000	50,000	0	0	0
Real estate activities	50,000	50,000	0	0	0
Professional, scientific and technical activities	3,150,241	3,054,139	74,565	21,537	0
Legal and accounting activities	127,874	127,874	0	0	0
Activities of head offices; management consultancy activities	276,974	270,604	0	6,370	0
Architectural and engineering activities; technical testing and analysis	1,449,598	1,441,378	0	8,220	0
Scientific research and development	49,500	44,500	0	5,000	0
Advertising and market research	128,000	128,000	0	0	0
Other professional, scientific and technical activities	1,118,295	1,041,783	74,565	1,947	0
Veterinary activities	0	0	0	0	0
Administrative and support service activities	3,072,093	1,734,954	1,023,456	313,683	0
Rental and leasing activities	1,436,535	314,455	861,301	260,779	0
Employment activities	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	722,210	686,510	0	35,700	0
Security and investigation activities	30,400	30,400	0	0	0
Services to buildings and landscape activities	64,161	64,161	0	0	0
Office administrative, office support and other business support activities	818,786	639,428	162,155	17,203	0
Education	19,417,545	17,885,741	9,167	1,237,637	285,000
Education	19,417,545	17,885,741	9,167	1,237,637	285,000
Human health and social work activities	37,664,892	35,359,147	120,000	540,581	1,645,164
Human health activities	31,547,046	31,013,393	120,000	406,653	7,000
Residential care activities	108,600	108,600	0	0	0
Social work activities without accommodation	6,009,246	4,237,154	0	133,928	1,638,164

Table A13k: Receipts in the service sector in Upper East region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Arts, entertainment and recreation	4,084,860	4,030,049	1,500	52,471	840
Creative, arts and entertainment activities	1,652,929	1,652,129	0	800	0
Libraries, archives, museums and other cultural activities	29,140	25,200	0	3,100	840
Gambling and betting activities	2,057,051	2,006,980	1,500	48,571	0
Sports activities and amusement and recreation activities	345,740	345,740	0	0	0
Other service activities	141,394,812	18,504,432	117,732,412	4,419,550	738,418
Activities of membership organizations	13,056,374	8,850,016	0	3,481,055	725,303
Repair of computers and personal and household goods	114,926,535	2,103,516	112,708,362	114,657	0
Other personal service activities	13,411,902	7,550,899	5,024,050	823,838	13,115

Table A13l: Receipts in the service sector in Upper West region

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Services - Upper West	1,673,138,725	659,720,191	1,005,675,718	6,100,449	1,642,367
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,020,084,072	11,743,219	1,003,427,170	4,886,386	27,297
Wholesale and retail trade and repair of motor vehicles and motorcycles	114,165,460	10,097,173	103,780,741	287,546	0
Wholesale trade, except of motor vehicles and motorcycles	190,402,981	0	190,355,468	38,513	9,000
Retail trade, except of motor vehicles and motorcycles	715,515,633	1,646,047	709,290,961	4,560,328	18,297
Transportation and storage	8,567,957	8,564,275	2,576	1,106	0
Land transport and transport via pipelines	8,425,288	8,421,606	2,576	1,106	0
Water transport	0	0	0	0	0
Air transport	66,550	66,550	0	0	0
Warehousing and support activities for transportation	57,700	57,700	0	0	0
Postal and courier activities	18,419	18,419	0	0	0
Accommodation and food service activities	56,773,325	55,838,331	781,592	153,402	0
Accommodation	11,833,518	11,806,218	8,510	18,790	0
Food and beverage service activities	44,939,808	44,032,114	773,082	134,612	0
Information and communication	716,737	633,447	66,040	17,250	0
Publishing activities	95,000	95,000	0	0	0
Motion picture, video and television programme production, sound recording and music publishing activities	38,640	35,000	3,640	0	0
Programming and broadcasting activities	363,697	346,447	0	17,250	0
Telecommunications	159,100	96,700	62,400	0	0
Computer programming, consultancy and related activities	0	0	0	0	0
Information service activities	60,300	60,300	0	0	0
Financial and insurance activities	538,705,656	538,435,136	480	270,040	0
Financial service activities, except insurance and pension funding	537,566,949	537,297,269	480	269,200	0
Insurance, reinsurance and pension funding, except compulsory social security	1,138,707	1,137,867	0	840	0
Activities auxiliary to financial service and insurance activities	0	0	0	0	0

Table A13l: Receipts in the service sector in Upper West region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Real estate activities	0	0	0	0	0
Real estate activities	0	0	0	0	0
Professional, scientific and technical activities	3,393,070	3,122,460	8,840	9,625	252,145
Legal and accounting activities	307,700	307,700	0	0	0
Activities of head offices; management consultancy activities	207,371	207,371	0	0	0
Architectural and engineering activities; technical testing and analysis	1,609,257	1,357,112	0	0	252,145
Scientific research and development	0	0	0	0	0
Advertising and market research	0	0	0	0	0
Other professional, scientific and technical activities	1,268,742	1,250,277	8,840	9,625	0
Veterinary activities	0	0	0	0	0
Administrative and support service activities	1,754,386	1,694,137	17,928	42,321	0
Rental and leasing activities	116,422	105,016	0	11,406	0
Employment activities	0	0	0	0	0
Travel agency, tour operator, reservation service and related activities	132,000	132,000	0	0	0
Security and investigation activities	402,000	402,000	0	0	0
Services to buildings and landscape activities	0	0	0	0	0
Office administrative, office support and other business support activities	1,103,964	1,055,121	17,928	30,915	0
Education	13,961,564	13,185,676	58,972	515,316	201,600
Education	13,961,564	13,185,676	58,972	515,316	201,600

Table A13l: Receipts in the service sector in Upper West region (Cont'd)

ISIC Group	Total (GH¢)	Receipts for Services (GH¢)	Sales of Goods in same condition (GH¢)	Other Income (GH¢)	Subsidies and Grants (GH¢)
Human health and social work activities	16,357,407	15,278,085	47,964	7,233	1,024,125
Human health activities	14,466,675	14,411,478	47,964	7,233	0
Residential care activities	4,420	2,920	0	0	1,500
Social work activities without accommodation	1,886,312	863,687	0	0	1,022,625
Arts, entertainment and recreation	1,020,550	1,012,550	0	2,000	6,000
Creative, arts and entertainment activities	0	0	0	0	0
Libraries, archives, museums and other cultural activities	8,000	0	0	2,000	6,000
Gambling and betting activities	974,010	974,010	0	0	0
Sports activities and amusement and recreation activities	38,540	38,540	0	0	0
Other service activities	11,803,998	10,212,874	1,264,155	195,769	131,200
Activities of membership organizations	1,665,311	1,484,303	0	49,808	131,200
Repair of computers and personal and household goods	1,575,532	1,273,898	277,746	23,888	0
Other personal service activities	8,563,155	7,454,673	986,409	122,073	0

APPENDIX B: CORE PROJECT STAFF AND PROJECT IMPLEMENTATION TEAM

Name of Project Staff	Status of Staff on Project
	Project Management Team
Dr. Philomena Nyarko	National Executive Project Director
Baah Wadieh	Deputy Project Director 1
Anthony Amuzu	Deputy Project Director 2
Anthony Krakah	National Project Coordinator
Sylvester Gyamfi	Technical Director
Asuo Afram	Technical Director
Isaac Dadson	Deputy National Project Coordinator
Francis Bright Mensah	Field Coordinator
Theophilus Kwami	Finance Director
Ben Gadzekpo	Project Accountant
Baaba Ahmed	Project Accountant
Francis Siripi	Assistant Project Accountant
Emmanuel Cobbannah	Head of Procurement
Mabrouk Fuseini	Procurement Officer 1
Labaran Awal Mohammed	Procurement Officer 2
Jacqueline Dede anum	DP Head and Chief Programmer
Betty-Love Cobbinah	Project Auditor
Timothy Afful	Auditor
Asante Asare	Assistant Project Auditor 1
Alfred Tsatsu	Officer 1 -Project Secretariat
Patrick Agyekum	Officer 2 -Project Secretariat
Vivian Asante	Project Secretary
Justin Yeboah	Assistant Project Secretary
	Project Secretariat
Anthony Krakah	National Project Coordinator
Isaac Dadson	Deputy National Project Coordinator
Alfred Tsatsu	Officer 1 -Project Secretariat
Patrick Agyekum	Officer 2 -Project Secretariat
Vivian Asante	Project Secretary
Ernest Anang	Project Driver 1
Lawluvi Jonathan	Project Driver 2

Project Implementation Team (PIT)

Sampling Sub-committee

Krasah Anthony	Chair
Isaac Dadson	Member
Tsatsu Alfred	Member
Owusu Kagya	Member
Dominic Odoom	Member
Patrick Adjovor	Member
Peter Preprah	Member

Zoning Sub-Committee

Isaac Nyarko	Chair
Krasah Anthony	Co-chair
Isaac Dadson	Member
Tsatsu Alfred	Member
Joseph Ahiabor	Member
Victoria Anim-Ansah	Member
Bernice Ofosu-Baadu	Member

Logistics Distribution Sub-committee

Tsatsu Alfred	Chair
Patrick Agyekum	Vice Chair
Krasah Anthony	Member
Anthony Oduro-Denkyirah	Member
Joyce Date	Member
Isaac Nyarko	Member
Adani Iddrisu	Member

Planning of Tabulation, data processing, and publication

Abena Osei Akoto	Chair
Krasah Anthony	Member
Tsatsu Alfred	Member
Bernice Ofosu-Baadu	Member
Eric Kwame Mante Bediako	Member
Ebenezer Ocran	Member
Patrick Adjovor	Member
Peter Preprah	Member
Owusu Kagya	Member
Dominic Odoom	Member

Publicity

Dominic Odoom	Chair
Felix Kofi Debrah	Vice Chair
Krakah Anthony	Member
Cyrus Kwesi Darpoh	Member
Maxwell Bessah	Member
Kyeremeh Yeboah	Member
Francisca Thompson	Member
Patrick Adjovor	Member

Training

Francis Mensah	Chair
Krakah Anthony	Member
Isaac Dadson	Member
Samuel Mortey	Member
John Foster Adjaho	Member
Owusu Kagya	Member
Gershion Togoh	Member

Data Processing Supervisors

Jacqueline Dede anum	DP Head and Chief Programmer
Abena Osei-Akoto	Data Entry Manager
Anthony Krakah	National Project Coordinator
Isaac Dadson	Deputy National Project Coordinator
Misefa Yaw	DP Supervisor and Programmer
Samilia Mintah	DP Supervisor and Programmer
Ernest Enyan	DP Supervisor and Programmer
Kwamina Leo Arkafra	DP Supervisor and Programmer
Rochester Appiah K. Boateng	DP Supervisor and Programmer
George Agbenyo	DP Supervisor and Programmer
Patrick Adjovor	Editing and coding Administrative Manager
Dominic Odoom	Assist. Editing and Coding Manager
Anthony Oduro Denkyirah	Questionnaire Receival Unit Manager
Francis B. Mensah	Editing and Coding Manager
Abraham Bosu	Editing and Coding Supervisor
Ama Akoto Bamfo	Editing and Coding Supervisor
Augusta Okantey	Editing and Coding Supervisor
Francisca Thompson	Editing and Coding Supervisor
Jane Acolatse	Editing and Coding Supervisor
Joyce Date	Editing and Coding Supervisor

Samuel Mortey	Editing and Coding Supervisor
Victoria Anim-Ansah	Editing and Coding Supervisor
Alfred Tsatsu	Editing and Coding Reviewer
Andani Iddrisu Abdulai	Editing and Coding Reviewer
Bernice Serwah Ofosu-Baadu	Editing and Coding Reviewer
David Maxwell Bessah	Editing and Coding Reviewer
Felix Kofi Debrah	Editing and Coding Reviewer
John F.K. Agyaho	Editing and Coding Reviewer
Maxwell Hlogbey	Editing and Coding Reviewer
Patrick Agyekum	Editing and Coding Reviewer
Albert Frimpong	I.T Support Supervisor
Paa Kwasi Eshun	I.T Support Supervisor
Norbert Krakah	I.T Support
Emmanuel Asamoah	DP Assistant
James Opoku Mensah	DP Assistant
Michael Agyakwa	DP Assistant
Michael Nartey	DP Assistant

Report Preparation

Baah Wadieh	Ag. Project Director/ Chief Editor
Anthony Amuzu	Deputy Project Director/ Chief Editor
Krasah Anthony	Project Coordinator/Reviewer
Isaac Dadson	Writer/Reviewer
Francis Bright Mensah	Writer/Reviewer
Augusta Okantey	Writer
Ebenezer Ocran	Writer
Emmanuel G. Ossei	Writer
Emmanuel Nana Poku	Writer
Felix Kofi Debrah	Writer
Foster Agyaho	Writer
Joyce Date	Writer
Maxwell Hlogbey	Writer
Samuel Mortey	Writer
Jacqueline Dede Anum	Head, Data processing/ Tabulation
Abena Osei-Akoto	Data processing/ Tabulation
Goerge Agbenyo	Data processing/ Tabulation
Samilia Mintah	Data processing/ Tabulation
Rochester Appiah-Kusi	Data processing/ Tabulation
Yaw Misefa	Data processing/ Tabulation

Ernest Enyan
Asuo Afram
David Kombat
Vivian Asante
Justina Yeboah

Data processing/ Tabulation
Editor
Editor
Project Secretary/ Report Formatting
Table Formatting

APPENDIX C: QUESTIONNAIRES

CONFIDENTIAL

IBES FORM - 1



Republic of Ghana

1

GHANA STATISTICAL SERVICE

P.O. BOX GP1098

ACCRA

**INTEGRATED BUSINESS
ESTABLISHMENT SURVEY (IBES) 2015
(AGRICULTURE)**

**(CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS
OF 2013)**

GENERAL INFORMATION

This questionnaire is for Agriculture. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures are not available, carefully prepared estimates will be accepted.

INFORMATION SUPPLIED CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

INSTRUCTION FOR COMPLETING THIS QUESTIONNAIRE

- a. PLEASE COMPLETE ALL PARTS OF EACH QUESTION INCLUDING TOTALS. DO NOT WRITE IN SPACES MARKED **“FOR OFFICE USE”**. READ INSTRUCTION ACCOMPANYING EACH QUESTION BEFORE COMPLETING.
- b. Use a dash (-) where the question is applicable but no data is available.
- c. Where the response to a question is zero, write ‘0’
- d. If a question does not apply, write N/A (i.e. Not Applicable) in the space provided.
- e. All monetary values should be recorded in GH CEDIS except where otherwise indicated in a question.
- f. The accounting period covered by this questionnaire should include at least six (6) months of 2013.

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER

ENUMERATION ZONE NUMBER

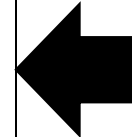
--	--	--	--	--	--	--	--	--	--

--	--	--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

1.1.1	NAME OF ESTABLISHMENT:
1.1.2	STREET NAME:
1.1.3	SUBURB/AREA:
1.1.4	EXACT LOCATION:

1.1.5	TOWN NAME:
1.1.6	DISTRICT NAME:
1.1.7	REGION NAME:



PLEASE
AMEND IF
INCORRECT

FOR OFFICE USE

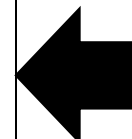
--	--	--

--	--

--	--

1.2: OTHER INFORMATION

1.2.1:	POSTAL ADDRESS:										
1.2.2:	TELEPHONE NUMBER: <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										
1.2.3:	E-MAIL ADDRESS:.....										
1.2.4	FORM OF ORGANIZATION (e.g. Head Office, Subsidiary, Single establishment):										
1.2.5:	TYPE OF OWNERSHIP (Private, Public, PPP):										
1.2.6:	NATIONALITY OF OWNERSHIP:										
1.2.7	TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership etc.):										
1.2.8	NAME OF CONTACT PERSON:										
1.2.9	YEAR OF COMMENCEMENT OF BUSINESS:										



PLEASE
AMEND
IF
INCORRECT

PERIOD OF OPERATION DURING 2013

1.3.1 PERIOD OF OPERATION DURING 2013

Mark (X) in the box that applies

Operated throughout 2013.
(Skip to 1.4.1)

Operated for only part of 2013
(enter number of months).....
and mark (X) in the appropriate boxes for the period of operation.

J	F	M	A	M	J	J	A	S	O	N	D

Establishment did not operate during 2013.

1.4 REASON(S) FOR NOT OPERATING THROUGHOUT THE YEAR

FOR OFFICE USE

.....
.....

1.4.1 How many years has the establishment been located at the current address?

1.4.2 What were the reasons for locating at the present address? (Multiple responses are possible)

A	It is close to the place where the founder was born, grew up or has family	
B	Infrastructure (power, roads etc.) is good	
C	It is close to where customers are located	
D	There are many workers that the establishment needs in the vicinity	
E	It is close to important suppliers / raw material	
F	Rents / land prices are cheap	
G	The environment is dynamic / it is close to other successful firms	
H	Other (specify)	

1.4.3 PERIOD OF NORMAL PRODUCTION

For which of these months was the establishment's production average/normal?

Mark (X) in the appropriate boxes.

J	F	M	A	M	J	J	A	S	O	N	D

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

 1

YES

 2

NO (*Skip to 1.6*)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period covered by this establishment.

From / / 20 to / / 20
(DD/MM/YY)

1.6 PRINCIPAL ACTIVITY

1.6.1: Describe the establishment's principal activity during the 2013 financial year. (.e.g.

Growing of cereals (except rice), Leguminous crops and Oil seeds, Growing of vegetables and melons, Roots and tubers, Raising of cattle, Poultry, Sheep, Goats, Fishing and Aquaculture, Mixed farming etc.)

.....
.....

FOR OFFICE USE

--	--	--	--

1.6.2: Other activities during the 2013 financial year

FOR OFFICE USE

1.6.2.1
1.6.2.2
1.6.2.3

1.6.3: Is the principal activity the same for the 2014 financial year?

Mark (X) in the box that applies

 1

YES

 2

NO

If No, state the principal activity for the 2014 financial year

.....
.....
.....

FOR OFFICE USE

USE

--	--	--	--

3. WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR

State all payments, whether in cash or in kind, to employees for work done during the **time period 2013**. In kind refers to the estimated net cost to the employer of those goods and services furnished to employee free of charge or at markedly reduced cost.

ALL CASH PAYMENTS

- INCLUDE* Wages and salaries, other cash payments, e.g. bonuses and cost of living allowance.
- INCLUDE* Wages paid during vacation, sick leave and study leave with pay
- INCLUDE* Contribution payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

- INCLUDE* Estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like.

TYPE OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
3.1 All Cash Payment	
3.2 Goods and Services paid in kind	
3.3 TOTAL	

4. SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013 FINANCIAL YEAR

- INCLUDE* Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others	
4.3 TOTAL	

SECTION 3: STOCK

5. STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR

- INCLUDE* the value of all stocks held at the establishment itself or in ancillary locations such as warehouses
- INCLUDE* goods owned by this establishment but held by others.
- EXCLUDE* goods owned by others but held by this establishment.
- VALUATION* should be at prices specified in the questions, on comparable basis for both beginning and the end of year. Alternatively, book values may be given.

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 1	AT END OF FINANCIAL YEAR 2
5.1 Materials and supplies (e.g heating bulbs, boots, mask, etc.)		
5.2 Agriculture input (Fertilizer, Pesticides, and Seedlings etc.)		
5.3 Goods purchased for resale (Livestock held and crops not yet marketed)		
5.4 Other (Specify)		
5.5 TOTAL (sum of 5.1 to 5.4)		

SECTION 4: FIXED CAPITAL FORMATION

6. VALUE OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS)	FIXED ASSETS PURCHASED IN 2013	VALUE OF SALES OF FIXED ASSETS (GH CEDIS)	DEPRECIATION (GH CEDIS)	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS)
	1	2	3	4	5
6.1 Land (undeveloped land)				//////////////////// ////////////////////	
6.2 Residential Buildings					
6.3 Non-Residential Buildings					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except for transport & electricity)					
6.6 Generation set & Plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures & office equipment					
6.9 ICT equipment					
6.10 Research & development					
6.11 Computer software					
6.12 Entertainment, Literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other (Specify)					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7. QUANTITY AND COST OF PRINCIPAL MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR

Complete a separate line for each material purchased. Enter balance of purchases in line 7.10 columns 5, 6 and 7 add total value in line 7.11 columns 5, 6 and 7.

INCLUDE all raw materials, fabricated parts and components, etc. received during the 2013 financial year.

INCLUDE materials and components used in the account production of fixed assets or used by other establishments in making product for this establishment under contract.

INCLUDE fuel that enter the product directly or are used to generate electricity.

EXCLUDE deductible Value Added Tax (VAT)

VALUATION should be in purchaser' prices (defined in question 5)

Materials of DOMESTIC ORIGIN include all materials produced in Ghana. Materials of FOREIGN ORIGIN include all materials imported into Ghana (i.e. produced in a foreign country) irrespective of whether they were purchased in Ghana or not.

DESCRIPTION OF MATERIAL <i>E.g. NPK Fertilizer</i>	FOR OFFICE USE	UNIT OF MEASURE	MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR					
			TOTAL QUANTITY	AVERAGE UNIT PRICE		TOTAL DELIVERY COST (GH CEDIS)	DELIVERY COST OF ORIGIN OF MATERIALS	
				4			DOMESTIC	IMPORTED
				GH CEDIS	P			
1	2	3			5	6	7	
7.1								
7.2								
7.3								
7.4								
7.5								
7.6								
7.7								
7.8								
7.9								
7.10 All other materials purchased not listed individually above.	////////////////	////////////////	////////////////	////////////////	////////////////			
7.11 TOTAL (sum of 7.1 to 7.10)	////////////////	////////////////	////////////////	////////////////	////////////////			

8. FUEL PURCHASED DURING THE 2013 FINANCIAL YEAR

State in delivery cost (purchaser's price).

INCLUDE fuel for transport and machines (as well as fuel used to generate electricity).

EXCLUDE (a) fuel produced and consumed in the same establishment.

(b) fuel purchased as raw materials to enter into the products of the establishment.

TYPE OF FUEL	FOR OFFICE USE	UNIT OF MEASURE	QUANTITY	DELIVERY COST (GH CEDIS)
	1	2	3	4
8.1 Diesel for generating electricity				
8.2 Diesel for transport equipment and other machines				
8.3 Petrol for generating electricity				
8.4 Petrol for transport equipment and other machines				
8.5 Wood				
8.6 Gas (L.P.G) for generating electricity				
8.7 Gas (L.P.G) for transport equipment's and other machines				
8.8 Charcoal				
8.9 Other (specify)				
8.10 Total (sum of 8.1 to 8.9)	//////////////////// ////////////////////	//////////////////// ////////////////////	//////////////////// ////////////////////	

9. PURCHASES DURING THE 2013 FINANCIAL YEAR.

VALUATION should be in purchasers' prices (define in question 5).

TYPE OF COST	DELIVERY COST (GH CEDIS)
9.1 Purchase of raw materials, supplies, etc. purchased (same as 7.11 col. 5).	
9.2 Purchase of fuel. (same as 8.10 col. 4)	
9.3 Purchase of electricity	
9.4 Purchase of water	
9.6 Purchase of goods for resale	
9.7 Other (Specify)	
9.8 TOTAL (sum of 9.1 to 9.7)	

10. OTHER OPERATING COST DURING THE 2013 FINANCIAL YEAR.

Enter the following types of individual costs. This includes:

Labour costs not included in compensation of employees, purchases of provision and supplies for sale in employee facilities. Amount paid for storage or warehousing.

EXCLUDE Purchase of land and other capital goods, bad debts, depreciation and outright purchase of patent and licenses.

DESCRIPTION OF OTHER COST	COST (GH CEDIS)
10.1 Laundry and cleaning services	
10.2 Music and other entertainment expenses	
10.3 Repairs and maintenance paid for on vehicles, buildings etc. to outside firms	
10.4 Cartage and haulage expenses paid	
10.5 Travel expenses (e.g. management, personal etc.)	
10.6 Value of contract and commission work paid	
10.7 Audit, accounting and legal fee	
10.8 Security services paid to other firms	
10.9 Staff training (when done by another establishment)	
10.10 Services of employment agencies	
10.11 Advertising and promotion etc.	
10.12 Bank charges	
10.13 Telephone, telecommunication, and Internet	
10.14 Postage	
10.15 Tax (e.g. Property Tax)	
10.16 Office stationery and supplies	
10.17 Management and consultation fee	
10.18 Rent paid for hiring of furniture, building, plant and machinery, land etc.	
10.19 Interest paid	
10.20 Dividend paid	
10.21 Royalty paid	
10.22 Business licenses, rates on property paid to central or local government etc.	
10.23 Insurance paid	
10.24 Exchange rate losses (losses due to currency depreciation)	
10.25 Loss on sale of fixed assets	
10.26 Payment for hotel organized activities and tours	
10.27 Other (Specify).....	
10.28 GRAND TOTAL	

SECTION 6: SALES AND OTHER RECEIPTS OF THIS ESTABLISHMENT

11. VALUE OF PRODUCTION AND SALE OF PRODUCTS DURING THE 2013 FINANCIAL YEAR

Complete a separate line for each product. Enter balance of sales in line 11.10 and total values in line 11.11

INCLUDE all duties and taxes on products when they leave the establishment.

INCLUDE products made elsewhere for this establishment on a contract basis from materials supplied by the establishment.

EXCLUDE transport charges to the purchasers or user and any subsidies received by the establishment.

VALUATION should be at ex-factory prices, **i.e. excluding VAT** (defined in question 5).

VALUE OF PRODUCTION AND SALE OF PRODUCT DURING THE 2013 FINANCIAL YEAR

DESCRIPTION OF PRODUCTS	FOR OFFICE USE	UNIT OF MEASURE	TOTAL PRODUCTION DURING 2013 FINANCIAL YEAR			VALUE OF SALES DURING THE YEAR 2013			
			QUANTITY	AVERAGE UNIT PRICE		VALUE (GH CEDIS)	TOTAL (GH CEDIS)	DOMESTIC (GH CEDIS)	EXPORTED (GH CEDIS)
				4					
1	2	3	GH CEDIS	P					
11.1									
11.2									
11.3									
11.4									
11.5									
11.6									
11.7									
11.8									
11.9									
11.10 All other products not listed above	////////// //////////	////////// //////////	////////// //////////	////////// //////////	////////// //////////				
11.11 TOTAL (sum of 11.1 to 11.10)	////////// //////////	////////// //////////	////////// //////////	////////// //////////	////////// //////////				

11.2 OTHER REVENUE

	VALUE (GH CEDIS)
11.2.1 Sale of livestock products. E.g. milk, meat, hides and skins	
11.2.2 Sale of any other livestock produced on the farm	
11.2.3 Livestock purchased for resale	
11.2.4 Value of livestock produced and consumed on the farm e.g. crops, meat and milk.	
11.2.5 Revenue from transport and other services, contract work, hiring out plant and equipment	
11.2.5 Subsidies (e.g. veterinary drugs, feed, fertilizer and pesticides)	
11.2.6 Rental or lease of office space or other real estate	
11.2.7 Rents received on land	
11.2.8 Interest received	
11.2.9 Dividend received	
11.2.10 Insurance claims received	
11.2.11 Current transfers	
11.2.12 Other (Specify)	
11.2.13 TOTAL	

SECTION 7: INTERVIEWER'S REVIEW

The interviewer will review the form for the completeness and accuracy in the following section before you complete the certification.

a. **COMPLETENESS CHECKS**

Mark (X) in the box that applies

Have the following questions been completed?

Question	Yes	No
1.3		
1.6		
2.1		
2.4		
3.3		
4.3		
5.5		

Question	Yes	No
6.15		
7.11		
8.10		
9.8		
10.28		
11.11 col 6		
11.2.13		

**If NO explain in "Remarks"*

REMARKS

.....

.....

SECTION 8: CERTIFICATION OF THIS QUESTIONNAIRE

A. Thank you for completing this questionnaire. Please enter any comments which would assist in the interpretation of the information given.

COMMENTS:
.....
.....
.....
.....

B. NAME OF PERSON SUPPLYING THE INFORMATION TELEPHONE NO.
.....

SIGNATURE:

STAMP

DESIGNATION: DATE:

C. INTERVIEWER'S NAME:

INTERVIEWER'S ID NO.

DATE OF INTERVIEW

SUPERVISOR'S NAME:

SUPERVISOR'S PHONE NO.

SUPERVISOR'S SIGNATURE:

ZONAL COORDINATOR'S NAME:

ZONAL COORDINATOR'S SIGNATURE.

D. CLERICAL PROCESSING **(FOR OFFICE USE)**

EDITOR'S NUMBER SIGNATURE:

DATE:

CODER'S NUMBER: SIGNATURE:

DATE:

VERIFIER'S NUMBER SIGNATURE:

DATE:

DATE PASSED FOR DATA ENTRY: SIGNATURE:



Republic of Ghana

2**GHANA STATISTICAL SERVICE****P.O. BOX GP1098****ACCRA**

INTEGRATED BUSINESS ESTABLISHMENT SURVEY (IBES) 2015 (MINING AND QUARRYING)

**CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS OF
2013**

GENERAL INFORMATION

This questionnaire is for all establishments engaged in mining and quarrying. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures (records) are not available, carefully prepared estimates will be accepted.

INFORMATION SUPPLIED IS CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER
NUMBER

ENUMERATION

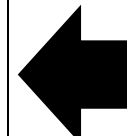
ZONE

--	--	--	--	--	--	--	--	--	--

--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

- 1.1.8 NAME OF ESTABLISHMENT:
- 1.1.9 STREET NAME:
- 1.1.10 SUBURB/AREA:
- 1.1.11 EXACT LOCATION:
-
- 1.1.12 TOWN NAME:
- 1.1.13 DISTRICT NAME:
- 1.1.14 REGION NAME:



PLEASE
AMEND IF
INCORRECT

FOR OFFICE USE

--	--	--

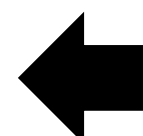
--	--

--	--

1.2: OTHER INFORMATION

- 1.2.1 POSTAL ADDRESS:
- 1.2.2: TELEPHONE NUMBER:

--	--	--	--	--	--	--	--	--	--
- 1.2.3: E-MAIL ADDRESS:.....
- 1.2.4 FORM OF ORGANIZATION (e.g Head Office, Subsidiary, Single establishment):
.....
- 1.2.5: TYPE OF OWNERSHIP (Private, Public, PPP):
- 1.2.6: NATIONALITY OF OWNERSHIP:.....
- 1.2.7 TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership etc.):
.....
- 1.2.8 NAME OF CONTACT PERSON:
- 1.2.9 YEAR OF COMMENCEMENT OF BUSINESS:.....



PLEASE
AMEND IF
INCORRECT

1.3 PERIOD OF OPERATION DURING 2013

Mark(X) in the box that applies.

 1

Operated throughout 2013.

(Skip to 1.4.1)

and mark (X) in the appropriate boxes

 2

Operated for only part of 2013

(Enter number of months)

for the period of operation.

J	F	M	A	M	J	J	A	S	O	N	D

 3

Establishment did not operate during 2013

1.4 REASON(S) FOR NOT OPERATING THROUGHOUT THE YEAR

FOR OFFICE USE

.....

.....

1.4.1 How many years has the establishment been located at the current address?

--	--	--

1.4.2 What were the reasons for locating at the present address? (Multiple responses are possible)

A	It is close to the place where the founder was born, grew up or has family	
B	Infrastructure (power, roads etc.) is good	
C	It is close to where customers are located	
D	There are many workers that the establishment needs in the vicinity	
E	It is close to important suppliers / raw material	
F	Rents / land prices are cheap	
G	The environment is dynamic / it is close to other successful firms	
H	Other (specify)	

1.4.3 PERIOD OF NORMAL PRODUCTION

For which of these months was the establishment's production average/normal?

Mark (X) in the appropriate boxes.

J	F	M	A	M	J	J	A	S	O	N	D

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

YES

NO (*Skip to 1.6*)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period covered
by this establishment.

From/...../20..... to/...../20.....

(DD/MM/YY)

Check that the principal industrial activity of the establishment in 2013 was mining and quarrying, before continuing the questionnaire:

1.6 PRINCIPAL MINING AND QUARRYING ACTIVITY

1.6.1: Describe establishment's principal mining /quarrying activity during the 2013 financial year.

(e.g. extraction of crude petroleum and natural gas, salt mining, gold mining, stone quarrying, etc.)

FOR OFFICE USE

.....
.....

1.6.2: Other mining/quarrying activities during the 2013 financial year.

FOR OFFICE USE

.....
.....

FOR OFFICE USE

1.6.2.1

1.6.2.2

1.6.2.3

1.6.3: Non mining/quarrying activities during the 2013 financial year.

(e.g. retail service, repairs, etc.)

FOR OFFICE USE

1.6.3.1

1.6.3.2

1.6.3.3

1.6.4: Is this principal mining/quarrying activity the same for the 2014 financial year?

Mark(X) in the box that applies.

1

YES

2

NO

If NO, state the principal mining/quarrying activity for the 2014 financial year.

FOR OFFICE USE

.....
.....

SECTION 2: EMPLOYMENT AND EARNINGS

2. PERSONS ENGAGED

State the number of persons engaged in the following categories during the pay period nearest to 30th June, 2013.

2.1 EMPLOYEES

All persons working for and paid by the establishment, (Exclude contract workers paid by other establishments).

INCLUDE such persons whether working full-time or part-time

INCLUDE employees on sick leave, paid vacation and study leave with pay

2.1.1 OPERATIVES (DIRECT MINING AND QUARRYING EMPLOYEES)

Employees directly engaged in production or production related activities in the establishment.

INCLUDE persons engaged in fabricating, processing or assembling, mechanics who attend to the machines, shop cleaning personnel, packers, warehousemen, shop-testing and record keeping personnel and paid apprentices.

INCLUDE any supervisory personnel whose function is to record or expedite any step in the production process.

EXCLUDE supervisory employees above the working foreman level.

2.1.2 OTHER EMPLOYEES

Employees other than operatives as defined above, e.g. administrative, clerical and accounts personnel such as salaried managers, clerks, typists and salesmen.

2.2 UNPAID WORKERS

2.2.1 WORKING PROPRIETORS AND ACTIVE BUSINESS PARTNERS

Proprietors and partners who are actively engaged in the management of the establishment and are not paid a salary or wage, (managers and directors of corporations working for pay should be reported with “other employees”

2.2.2 LEARNERS

INCLUDE all persons undergoing on the job training without pay, including unpaid apprentices.

2.2.3 CONTRIBUTING FAMILY WORKERS

Family members of any of the owners who work in the establishment without pay for at least one-third of the normal working period.

2.3 TOTAL (sum of 2.1.1, 2.1.2, 2.2.1, 2.2.2 and 2.2.3)

2.3.1 CONTRACT WORKERS

All persons working for the establishment but paid by another establishment.

2.3.2 CONTRACT OPERATIVES (Direct production workers)

2.3.3 OTHER CONTRACT EMPLOYEES

2.3.4 NATIONAL SERVICE PERSONS

2.4 TOTAL (sum of 2.1; 2.2 and 2.3)

2013 PAY PERIOD NEAREST TO 30 JUNE 2013		
TOTAL	MALE	FEMALE
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////

3. WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR

State all payments, whether in cash or in kind, to employees for work done during the 2013 financial year. In kind refers to the estimated net cost to the employer of those goods and services furnished to employees.

ALL CASH PAYMENTS

- INCLUDE* wages and salaries, other cash payments, e.g. bonuses and cost of living allowances.
- INCLUDE* wages paid during vacation, sick leave and study leave with pay.
- INCLUDE* contributions payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

- INCLUDE* estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like.
- EXCLUDE* payments made to contractors supplying contract workers to your establishments.

TYPE OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
	1
3.1 Operatives (Direct Production Workers)	
3.2 Other employees (include directors)	
3.3 TOTAL (Sum of 3.1 and 3.2)	

4. SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013 FINANCIAL YEAR

(These items are not included in Question 3)

- INCLUDE* Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others	
4.3 TOTAL	

SECTION 3: STOCKS

5. STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR

INCLUDE the value of all stocks held at the establishment itself or in ancillary locations such as warehouses

INCLUDE materials owned by this establishment but held by others for processing

EXCLUDE materials owned by others but held by this establishment for processing.

VALUATION should be at prices specified in the questions, on comparable basis for both beginning and the end of year. Alternatively, book values may be given.

DEFINITIONS

PURCHASER' PRICES

The delivered cost at the establishment including the purchase price, charges for transport, the cost of insurance, the value of packaging materials charged for and all taxes and duties on the goods. Discounts or rebate allowed to the purchaser and the value of packing materials returned to supplier should be deducted.

EX – FACTORY PRICE (Producers' prices)

The establishment price charged to the consumer.

INCLUDE duties and taxes put on products when they leave the establishment

EXCLUDE any subsidies

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 2013 1	AT END OF FINANCIAL YEAR 2013 2
5.1 Raw material and supplies (at current replacement cost in purchases prices)		
5.2 Work in progress (in purchasers' prices)		
5.3 Fuel (in purchaser's prices")		
5.4 Finished goods (at ex-factory prices)		
5.5 Goods purchased for resale (at ex-factory prices)		
5.6 Other (Specify)		
5.7 TOTAL (sum of 5.1 to 5.6)		

SECTION 4: FIXED CAPITAL FORMATION

6. VALUE OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of new fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS) 1	FIXED ASSETS PURCHASED IN 2013 (GH CEDIS) 2	VALUE OF SALES OF FIXED ASSETS (GH CEDIS) 3	DEPRECIATION (GH CEDIS) 4	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS) 5
6.1 Land (undeveloped land)				//////////////////// ////////////////////	
6.2 Residential Buildings					
6.3 Non-Residential Buildings					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except for transport & electricity)					
6.6 Generator set & Plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures & office equipment					
6.9 ICT equipment					
6.10 Research & development					
6.11 Computer software					
6.12 Entertainment, Literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other (Specify)					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7. **QUANTITY AND COST OF PRINCIPAL MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR**

Complete a separate line for each material purchased. Enter balance of purchases in line 7.10 columns 5, 6 and 7 add total value in line 7.11 columns 5, 6 and 7.

INCLUDE all raw materials, fabricated parts and components, etc. received during the 2013 financial year.

INCLUDE materials and components used in the account production of fixed assets or used by other establishments in making product for this establishment under contract.

INCLUDE fuel that enter the product directly or are used to generate electricity.

EXCLUDE deductible Value Added Tax (VAT)

VALUATION should be in purchaser' prices (defined in question 5)

Materials of **DOMESTIC ORIGIN** include all materials produced in Ghana. Materials of **FOREIGN ORIGIN** include all materials imported into Ghana (i.e. produced in a foreign country) irrespective of whether they were purchased in Ghana or not.

DESCRIPTION OF MATERIAL	FOR OFFICE USE	UNIT OF MEASURE	MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR						
			TOTAL QUANTITY	AVERAGE UNIT PRICE		TOTAL DELIVERY COST (GH CEDIS)	ORIGIN OF MATERIALS		
				4			DOMESTIC (GH CEDIS)	IMPORTED (GH CEDIS)	
				GH CEDIS	P				5
1	2	3							
7.1									
7.2									
7.3									
7.4									
7.5									
7.6									
7.7									
7.8									
7.9									
7.10 All other materials purchased not listed individually above.	////////////////	////////////////	////////////////	////////////////	////////////////				
7.11 TOTAL (sum of 7.1 to 7.10)	////////////////	////////////////	////////////////	////////////////	////////////////				

8. **FUEL PURCHASED DURING THE 2013 FINANCIAL YEAR**

State in delivery cost (purchaser's price).

INCLUDE fuel for transport and machines (as well as fuel used to generate electricity).

EXCLUDE (a) fuel produced and consumed in the same establishment.

(b) fuel purchased as raw materials to enter into the products of the establishment.

TYPE OF FUEL	FOR OFFICE USE	UNIT OF MEASURE	QUANTITY	DELIVERY COST (GH CEDIS)
	1	2	3	4
8.1 Diesel for generating electricity				
8.2 Diesel for transport equipment and other machines				
8.3 Petrol for generating electricity				
8.4 Petrol for transport equipment and other machines				
8.5 Wood				
8.6 Gas (L.P.G) for generating electricity				
8.7 Gas (L.P.G) for transport equipment's and other machines				
8.8 Charcoal				
8.9 Other (specify)				
8.10 Total (sum of 8.1 to 8.9)	////////////////////	////////////////////	////////////////////	

9. **PURCHASES DURING THE 2013 FINANCIAL YEAR.**

VALUATION should be in purchasers' prices (define in question 5).

TYPE OF COST	DELIVERY COST (GH CEDIS)
9.1 Purchase of raw materials, supplies, etc. purchased (same as 7.11 col. 5).	
9.2 Purchase of fuel. (same as 8.10 col. 4)	
9.3 Purchase of electricity	
9.4 Purchase of water	
9.5 Purchase of goods for resale	
9.6 Other (Specify)	
9.7 TOTAL (sum of 9.1 to 9.6)	

OTHER OPERATING COST DURING THE 2013 FINANCIAL YEAR.

Enter the following types of individual costs. This includes:

Labour costs not included in compensation of employees, purchases of provision and supplies for sale in employee facilities. Amount paid for storage or warehousing.

EXCLUDE Purchase of land and other capital goods, bad debts, depreciation and outright purchase of patent and licenses.

DESCRIPTION OF OTHER COST	COST (GH CEDIS)
10.1 Laundry and cleaning services	
10.2 Music and other entertainment expenses	
10.3 Repairs and maintenance paid for on vehicles, buildings etc. to outside firms	
10.4 Cartage and haulage expenses paid	
10.5 Travel expenses (e.g. management, personal etc.)	
10.6 Value of contract and commission work paid	
10.7 Audit, accounting and legal fee	
10.8 Security services paid to other firms	
10.9 Staff training (when done by another establishment)	
10.10 Services of employment agencies	
10.11 Advertising and promotion etc.	
10.12 Bank charges	
10.13 Telephone, telecommunication, and Internet	
10.14 Postage	
10.15 Tax (e.g. Property Tax)	
10.16 Office stationery and supplies	
10.17 Management and consultation fee	
10.18 Rent paid for hiring of furniture, building, plant and machinery, land etc.	
10.19 Interest paid	
10.20 Dividend paid	
10.21 Royalty paid	
10.22 Business licenses, rates on property paid to central or local government etc.	
10.23 Insurance paid	
10.24 Exchange rate losses (losses due to currency depreciation)	
10.25 Loss on sale of fixed assets	
10.26 Payment for hotel organized activities and tours	
10.27 Other (Specify).....	
10.28 GRAND TOTAL	

SECTION 6: SALES AND OTHER RECEIPTS OF THIS ESTABLISHMENT

11. VALUE OF PRODUCTION AND SALE OF PRODUCTS DURING THE 2013 FINANCIAL YEAR

Complete a separate line for each product. Enter balance of sales in line 11.10 and total values in line 11.11

INCLUDE all duties and taxes on products when they leave the establishment.

INCLUDE products made elsewhere for this establishment on a contract basis from materials supplied by the establishment.

EXCLUDE transport charges to the purchasers or user and any subsidies received by the establishment.

VALUATION should be at ex-factory prices, **i.e. excluding VAT** (defined in question 5).

VALUE OF PRODUCTION AND SALE OF PRODUCT DURING 2013 FINANACIAL YEAR

DESCRIPTION OF PRODUCTS	FOR OFFICE USE 1	UNIT OF MEASURE 2	TOTAL PRODUCTION DURING 2013 FINANCIAL YEAR			VALUE OF SALES DURING THE YEAR 2013			
			QUANTITY 3	AVERAGE UNIT PRICE 4		VALUE (GH CEDIS) 5	TOTAL (GH CEDIS) 6	DOMESTIC (GH CEDIS) 7	IMPORTED (GH CEDIS) 8
				GH CEDIS	P				
11.1									
11.2									
11.3									
11.4									
11.5									
11.6									
11.7									
11.8									
11.9									
11.10 All other products not listed above	////////// //////////	////////// //////////	////////// //////////	////////// //////////	////////// //////////				
11.11 TOTAL (sum of 11.1 to 11.10)	////////// //////////	////////// //////////	////////// //////////	////////// //////////	////////// //////////				

12. **VALUE OF SALES DURING THE 2013 FINANCIAL YEAR**

VALUATION should be at ex-factory prices, (defined in question 5)

DESCRIPTION OF ITEM	VALUE (GH CEDIS)
12.1 Value of sales goods and any transfer of goods (same as 11.11 column 6)	
12.2 Receipt for contract work done for others on their materials	
12.3 Receipt for repair and installation work done for others	
12.4 Sale of goods sold in the same condition as purchased	
12.5 Value of capital goods produced for the establishment's own use	
12.6 Other receipts for mining and quarrying services	
12.7 Total (sum of 12.1 to 12.6)	

13. **OTHER RECEIPTS DURING THE 2013 FINANCIAL YEAR**

Enter receipts from non-industrial services.

EXCLUDE the following: interest for subsidies received from the sale of used capital goods (included in capital formation)

DESCRIPTION OF SERVICES	VALUE (GH CEDIS)
13.1 Receipts for rental or lease of building and machinery	
13.2 Commissions received	
13.3 Revenue from the operation of employee facilities	
13.4 Receipts for storage of goods, warehousing and cold storage for others.	
13.5 Receipts for transport services rendered to other, (other than delivery of own products)	
13.6 Dividend received	
13.7 Other similar items (specify)	
13.8 TOTAL (sum of 13.1 to 13.7)	

14. **INDUSTRIAL CAPACITY UTILIZATION**

Give an estimate of percentage UTILIZATION of optimum or full production capacity (with existing plant and machinery).

PERCENT

SECTION 7: INTERVIEWER'S REVIEW

The interviewer will review the questionnaire for completeness and accuracy in the following section before you complete the certification.

a. **COMPLETENESS CHECKS**

Mark (X) in the box that applies. Have the following questions been completed?

Question	Yes	No
1.3		
1.5		
1.6		
2.4		
3.3		
4.3		
5.7		
6.14		

Question	Yes	No
7.11		
8.10		
9.7		
10.28		
11.11		
12.7		
13.8		
14		

*If No. explain in "REMARKS"

REMARK

.....

.....

Calculate and enter figures for checks (b, c and d).

CHECK	CALCULATIONS RQUIRED	FIGURES FOR CENSUS (‘000 CEDIS)
b. Average annual wage per employee	Question 3.3 column 1/sum of questions 2.1)	

c. *Sales, other receipts, input costs, wages and salaries*.

SALES
A

RECEIPT, INPUT COSTS, WAGES & SAL
B

Question 5.7 col.1, 12.7 & 13.8
--

Question 3.3 & 4.3
Question 5.7 col.2
Question 9.7 & 10.28
Total

Is the answer in box A greater than the total in box B?

Mark (X) in the box that applies.

YES

NO

(Explain the "No" in "Remarks")

REMARKS
.....

d. Source of data

Mark (X) in the applicable box (es)

Data derived from financial statements

Careful estimates

Other documented source

estimates

If more than one box is marked, indicate in space for remarks the number(s) from each source.

REMARKS
.....
.....

e. This questionnaire was completed by (Mark (X) in the box that applies)

Respondents

Interviewer

CONFIDENTIAL



Republic of Ghana

IBES FORM 3A

3A

GHANA STATISTICAL SERVICE

P.O. BOX GP1098

ACCRA

INTEGRATED BUSINESS ESTABLISHMENT SURVEY (IBES) 2015 (MANUFACTURING)

**(CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS OF
2013)**

GENERAL INFORMATION

This questionnaire is for manufacturing establishment engaging **Thirty (30) or more persons**. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures are not available, carefully prepared estimates will be accepted.

INFORMATION SUPPLIED CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER

ENUMERATION ZONE NUMBER

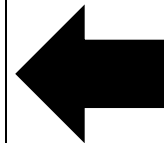
--	--	--	--	--	--	--	--	--	--

--	--	--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

1.1.15	NAME OF ESTABLISHMENT:
1.1.16	STREET NAME:
1.1.17	SUBURB/AREA:
1.1.18	EXACT LOCATION:

1.1.19	TOWN NAME:
1.1.20	DISTRICT NAME
1.1.21	REGION NAME:



PLEASE
AMEND IF
INCORRECT

**FOR
OFFICE
USE**

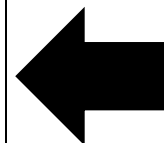
--	--	--

--	--

--	--

1.2: OTHER INFORMATION

1.2.1	POSTAL ADDRESS:										
1.2.2	TELEPHONE NUMBER: <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										
1.2.3	E-MAIL ADDRESS:.....										
1.2.4	FORM OF ORGANIZATION (e.g. Head Office, Subsidiary, Single establishment):										
1.2.5	TYPE OF OWNERSHIP (Private, Public, PPP):										
1.2.6	NATIONALITY OF OWNERSHIP:										
1.2.7	TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership etc.):										
1.2.8	NAME OF CONTACT PERSON:										
1.2.9	YEAR OF COMMENCEMENT OF BUSINESS										



PLEASE
AMEND IF
INCORRECT

1.4 PERIOD OF OPERATION DURING 2013

1.4.1 PERIOD OF OPERATION DURING 2013

Mark (X) in the box that applies

Operated throughout 2013.
(Skip to 1.4.1)

Operated for only part of 2013
(enter number of months).....

and mark (X) in the appropriate boxes for the period of operation.

J	F	M	A	M	J	J	A	S	O	N	D

Establishment did not operate during 2013.

1.4 REASON(S) FOR NOT OPERATING THROUGHOUT THE YEAR

FOR OFFICE USE

.....
.....

1.4.1 How many years has the establishment been located at the current address?

--	--	--

1.4.2 What were the reasons for locating at the present address? (Multiple responses are possible)

A	It is close to the place where the founder was born, grew up or has family	
B	Infrastructure (power, roads etc.) is good	
C	It is close to where customers are located	
D	There are many workers that the establishment needs in the vicinity	
E	It is close to important suppliers / raw material	
F	Rents / land prices are cheap	
G	The environment is dynamic / it is close to other successful firms	
H	Other (Specify)	

1.4.3 PERIOD OF NORMAL PRODUCTION

For which of these months was the establishment's production average/normal?

Mark (X) in the appropriate boxes.

J	F	M	A	M	J	J	A	S	O	N	D

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

YES

NO (Skip to 1.6)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period covered by this establishment.

From / / 20 to / / 20 (DD/MM/YY)

1.6 PRINCIPAL MANUFACTURING ACTIVITY

1.6.1: Describe establishment's principal manufacturing activity during the 2013 financial year. (e.g. Manufacture of aluminum buckets, manufacture of household electrical appliances, etc.)

.....
.....
.....

FOR OFFICE USE

--	--	--	--

1.6.2: Other manufacturing activities during the 2013 financial year

FOR OFFICE USE

1.6.2.1
1.6.2.2
1.6.2.3

1.6.3: Non-manufacturing activities during the 2013 financial year. (e.g retail, etc.)

FOR OFFICE USE

1.6.3.1
1.6.3.2
1.6.3.3

1.6.4: Is the principal manufacturing activity the same for the 2014 financial year?

Mark (X) in the box that applies

1 YES

2 NO

If No, state the principal activity for the 2014 financial year

.....
.....
.....

FOR OFFICE USE

--	--	--	--

3. **WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR**

State all payments, whether in cash or in kind, to employees for work done during the 2013 financial year. In kind refers to the estimated net cost to the employer of those goods and services furnished to employee free of charge or at markedly reduced cost.

ALL CASH PAYMENTS

INCLUDE Wages and salaries, other cash payments, e.g. bonuses and cost of living allowance.

INCLUDE Wages paid during vacation, sick leave and study leave with pay

INCLUDE Contribution payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

INCLUDE Estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like

TYPE OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
3.1 Operatives (Direct Production Workers)	
3.2 Other employees (include directors)	
3.3 TOTAL	

4. **SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013 FINANCIAL YEAR**

(These items are not included in Question 3)

INCLUDE Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others	
4.3 TOTAL	

SECTION 3: STOCKS

5. STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR

- INCLUDE* the value of all stocks held at the establishment itself or in ancillary locations such as warehouses
- INCLUDE* materials owned by this establishment but held by others for processing
- EXCLUDE* materials owned by others but held by this establishment for processing.
- VALUATION* should be at prices specified in the questions, on comparable basis for both beginning and the end of year. Alternatively, book values may be given.

DEFINITIONS

PURCHASER' PRICES

The delivered cost at the establishment including the purchase price, charges for transport, the cost of insurance, the value of packaging materials charged for and all taxes and duties on the goods. Discounts or rebate allowed to the purchaser and the value of packing materials returned to supplier should be deducted.

EX – FACTORY PRICE (Producers' prices)

The establishment price charged to the consumer.

INCLUDE duties and taxes put on products when they leave the establishment

EXCLUDE any subsidies

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 2013	AT END OF FINANCIAL YEAR 2013
	1	2
5.1 Raw material and supplies (at current replacement cost in purchases prices)		
5.2 Work in progress (in purchasers' prices)		
5.3 Fuel (in purchaser's prices")		
5.4 Finished goods (at ex-factory prices)		
5.5 Goods purchased for resale (at ex-factory prices)		
5.6 Other (Specify)		
5.7 TOTAL (sum of 5.1 to 5.6)		

SECTION 4: FIXED CAPITAL FORMATION

6. VALUE OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of new fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS) 1	FIXED ASSETS PURCHASED IN 2013 (GH CEDIS) 2	VALUE OF SALES OF FIXED ASSETS (GH CEDIS) 3	DEPRECIATION (GH CEDIS) 4	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS) 5
6.1 Land (undeveloped land)				//////////////////// ////////////////////	
6.2 Residential Buildings					
6.3 Non-Residential Buildings					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except for transport and electricity)					
6.6 Generator set & Plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures & office equipment					
6.9 ICT equipment					
6.10 Research & development					
6.11 Computer software					
6.12 Entertainment, Literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other (Specify)					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7. QUANTITY AND COST OF PRINCIPAL MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR

Complete a separate line for each material purchased. Enter balance of purchases in line 7.10 columns 5, 6 and 7 add total value in line 7.11 columns 5, 6 and 7.

INCLUDE all raw materials, fabricated parts and components, etc. received during the 2013 financial year.

INCLUDE materials and components used in the account production of fixed assets or used by other establishments in making product for this establishment under contract.

INCLUDE fuel that enter the product directly or are used to generate electricity.

EXCLUDE deductible Value Added Tax (VAT)

VALUATION should be in purchaser' prices (defined in question 5)

Materials of DOMESTIC ORIGIN include all materials produced in Ghana. Materials of FOREIGN ORIGIN include all materials imported into Ghana (i.e. produced in a foreign country) irrespective of whether they were purchased in Ghana or not.

DESCRIPTION OF MATERIAL	FOR OFFICE USE	UNIT OF MEASURE	MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR					
			TOTAL QUANTITY	AVERAGE UNIT PRICE		TOTAL DELIVERY COST (GH CEDIS)	ORIGIN OF MATERIALS	
							DOMESTIC	IMPORTED
				4			(GH CEDIS)	(GH CEDIS)
1	2	3	GH CEDIS	P	5	6	7	
7.1								
7.2								
7.3								
7.4								
7.5								
7.6								
7.7								
7.8								
7.9								
7.10 All other materials purchased not listed individually above.	////////////////	////////////////	////////////////	////////////////	////////////////			
7.11 TOTAL (sum of 7.1 to 7.10)	////////////////	////////////////	////////////////	////////////////	////////////////			

8. **FUEL PURCHASED DURING THE 2013 FINANCIAL YEAR**

State in delivery cost (purchaser's price).

INCLUDE fuel for transport, electricity and other machines (as well as fuel used to generate electricity).

EXCLUDE (a) fuel produced and consumed in the same establishment.

(b) fuel purchased as raw materials to enter into the products of the establishment

TYPE OF FUEL	FOR OFFICE USE	UNIT OF MEASURE	QUANTITY	DELIVERY COST (GH CEDIS)
	1	2	3	4
8.1 Diesel for generating electricity				
8.2 Diesel for transport equipment and other machines				
8.3 Petrol for generating electricity				
8.4 Petrol for transport equipment and other machines				
8.5 Wood				
8.6 Gas (L.P.G) for generating electricity				
8.7 Gas (L.P.G) for transport equipment's and other machines				
8.8 Charcoal				
8.9 Other (Specify)				
8.10 TOTAL (sum of 8.1 to 8.9)	////////////////////	////////////////////	////////////////////	

9. **PURCHASES DURING THE 2013 FINANCIAL YEAR.**

VALUATION should be in purchasers' prices (as defined in question 5).

TYPE OF COST	DELIVERY COST (GH CEDIS)
9.1 Purchase of raw materials, supplies, etc. purchased (same as 7.11 col. 5).	
9.2 Purchase of fuels. (same as 8.10 col. 4)	
9.3 Purchase of electricity	
9.4 Purchase of water	
9.5 Purchase of goods for resale	
9.6 Other (Specify)	
9.7 TOTAL (sum of 9.1 to 9.6)	

10. **OTHER OPERATING COST DURING THE 2013 FINANCIAL YEAR.**

Enter the following types of individual costs. This includes:

Labour costs not included in compensation of employees, purchases of provision and supplies for sale in employee facilities. Amount paid for storage or warehousing.

EXCLUDE Purchase of land and other capital goods, bad debts, depreciation and outright purchase of patent and licenses.

DESCRIPTION OF OTHER COST	COST (GH CEDIS)
10.1 Laundry and cleaning services	
10.2 Music and other entertainment expenses	
10.3 Repairs and maintenance paid for on vehicles, buildings etc. to outside firms	
10.4 Cartage and haulage expenses paid	
10.5 Travel expenses (e.g. management, personal etc.)	
10.6 Value of contract and commission work paid	
10.7 Audit, accounting and legal fee	
10.8 Security services paid to other firms	
10.9 Staff training (when done by another establishment)	
10.10 Services of employment agencies	
10.11 Advertising and promotion etc.	
10.12 Bank charges	
10.13 Telephone, telecommunication, and Internet	
10.14 Postage	
10.15 Tax (e.g. Property Tax)	
10.16 Office stationery and supplies	
10.17 Management and consultation fee	
10.18 Rent paid for hiring of furniture, building, plant and machinery, land etc.	
10.19 Interest paid	
10.20 Dividend paid	
10.21 Royalty paid	
10.22 Business licenses, rates on property paid to central or local government etc.	
10.23 Insurance paid	
10.24 Exchange rate losses (losses due to currency depreciation)	
10.25 Loss on sale of fixed assets	
10.26 Payment for hotel organized activities and tours	
10.27 Other (Specify).....	
10.28 GRAND TOTAL	

SECTION 6: SALES AND OTHER RECEIPTS OF THIS ESTABLISHMENT

11a. VALUE OF PRODUCTION AND SALE OF PRODUCTS DURING THE 2013 FINANCIAL YEAR

Complete a separate line for each product. Enter balance of sales in line 11.10 and total values in line 11.11

INCLUDE all duties and taxes on products when they leave the establishment.

INCLUDE products made elsewhere for this establishment on a contract basis from materials supplied by the establishment.

EXCLUDE transport charges to the purchasers or user and any subsidies received by the establishment.

VALUATION should be at ex-factory prices, **i.e. excluding VAT** (defined in question 5).

VALUE OF PRODUCTION AND SALE OF PRODUCTS DURING THE 2013 FINANCIAL YEAR

DESCRIPTION OF PRODUCTS	FOR OFFICE USE 1	UNIT OF MEASURE 2	TOTAL PRODUCTION DURING 2013 FINANCIAL YEAR			VALUE OF SALES DURING THE YEAR 2013			
			QUANTITY 3	AVERAGE UNIT PRICE 4		VALUE (GH CEDIS) 5	TOTAL (GH CEDIS) 6	DOMESTIC (GH CEDIS) 7	EXPORTED (GH CEDIS) 8
				GH CEDIS	P				
11.1									
11.2									
11.3									
11.4									
11.5									
11.6									
11.7									
11.8									
11.9									
11.10 Other products not listed above	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////					
11.11 TOTAL(sum of 11.1 to 11.10)	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////					

12. **VALUE OF SALES DURING THE 2013 FINANCIAL YEAR**

VALUATION should be at ex-factory prices, (defined in question 5)

DESCRIPTION OF ITEM	VALUE (GH CEDIS)
12.1 Value of goods sold and any transfer of goods (same as 11.11 column 6)	
12.2 Receipt for contract work done for others on their materials (same as 11.18 col 5)	
12.3 Receipt for repair and installation work done for others	
12.4 Other receipt from industrial services	
12.5 Goods sold in the same condition as purchased	
12.6 Value of capital goods produced for the establishment's own use	
12.7 Other (Specify)	
12.8 TOTAL (sum of 12.1 to 12.7)	

13. **OTHER RECEIPT DURING THE 2013 FINANCIAL YEAR**

Enter receipts from non-industrial services.

EXCLUDE the following: interest for subsidies received from the sale of used capital goods (included in capital formation)

DESCRIPTION OF SERVICES	VALUE (GH CEDIS)
13.1 Receipt from rental or lease of building and machinery	
13.2 Commission received	
13.3 Revenue from the operation of employee facilities	
13.4 Receipt from storage of goods, warehousing and cold storage for others.	
13.5 Receipt from transport services rendered to other, (other than delivery of own products)	
13.6 Dividend received	
13.7 Other receipts	
13.8 TOTAL (sum of 13.1 to 13.7)	

14. **INDUSTRIAL CAPACITY UTILIZATION**

Give an estimate of percentage UTILIZATION of optimum or full production capacity (with existing plant and machinery as at 2013).

PERCENT

--	--	--

SECTION 12: INTERVIEWER'S REVIEW

The interviewer will review the form for the completeness and accuracy in the following section before you complete the certification.

b. COMPLETENESS CHECKS

Mark (X) in the box that applies

Have the following questions been completed?

Question	Yes	No
1.3		
1.6		
2.1		
2.4		
3.3		
4.3		
5.7		
6.15		
7.11		
8.10		
9.8		
10.28		

Question	Yes	No
11.11 col 6		
12.8		
13.8		
14		
15.1		
15.2		
15.3		
15.4		
15.5		
15.6		
15.7		
15.8		

Question	Yes	No
15.9		
16.1		
16.2		
16.3		
16.4		
16.5		
16.6		
17.1		
17.2		
17.3		
17.4		
17.5		

Question	Yes	No
17.6		
17.7a		
17.7b		
17.8		
18.1		
18.2		
18.3		
19.1		
19.2		
19.3		
19.4		
19.5		

**If NO explain in "Remarks"*

REMARKS

.....

.....

Calculate and enter figures for checks (b, c and d)

CHECK	CALCULATIONS REQUIRED	FIGURES FOR CENSUS (GH CEDIS)
b. Average annual wage per employee	Total 3.3 / question 2.1 col. 1a	

c. *Sales, other receipts, input costs, wages and salaries*

A

B

SALES AND OTHER RECEIPTS

INPUT COSTS, WAGES AND SALARIES

Total 5.7 col 1, 12.8 & 13.8

Total 3.3 & 4.3
Total 5.7 col.2
Total 9.8 & 10.28
Total

Is the answer in box A greater than the total in box B?

Mark (X) in the box that applies.

YES

NO

(explain the "No" in "Remarks")

1

?

REMARKS

.....
.....

d. Source of data

Mark (X) in the applicable box (es)

Data derived from financial statements

Careful estimates

Other documented source

Estimates

If more than one box is marked, indicate in space for remarks the number(s) from each source.

REMARKS

.....
.....

e. This questionnaire was completed by (*Mark (X)* in the box that applies)

Respondents

Interviewer

CONFIDENTIAL

IBES FORM - 3B



Republic of Ghana

3B

GHANA STATISTICAL SERVICE

P.O. BOX GP1098

ACCRA

INTEGRATED BUSINESS ESTABLISHMENT SURVEY (IBES) 2015 (MANUFACTURING)

(CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS OF 2013)

GENERAL INFORMATION

This questionnaire is for manufacturing establishment engaging **less than Thirty (30) persons**. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures are not available, carefully prepared estimates will be accepted.

INFORMATION SUPPLIED CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER

ENUMERATION ZONE NUMBER

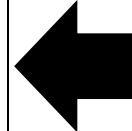
--	--	--	--	--	--	--	--	--	--

--	--	--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

1.1.22	NAME OF ESTABLISHMENT:
1.1.23	STREET NAME:
1.1.24	SUBURB/AREA:
1.1.25	EXACT LOCATION:

1.1.26	TOWN NAME:
1.1.27	DISTRICT NAME:
1.1.28	REGION NAME:



PLEASE
AMEND IF
INCORRECT

FOR OFFICE USE

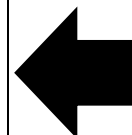
--	--	--

--	--

--	--

1.2: OTHER INFORMATION

1.2.1:	POSTAL ADDRESS:.....										
1.2.2:	TELEPHONE NUMBER: <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										
1.2.3:	E-MAIL ADDRESS:.....										
1.2.4	FORM OF ORGANIZATION (e.g. Head Office, Subsidiary, Single establishment):										
1.2.5:	TYPE OF OWNERSHIP (Private, Public, PPP):										
1.2.6:	NATIONALITY OF OWNERSHIP:										
1.2.7	TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership etc.):										
1.2.8	NAME OF CONTACT PERSON:										
1.2.9	YEAR OF COMMENCEMENT OF BUSINESS										



PLEASE
AMEND IF
INCORRECT

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

1 YES
 2 NO (*Skip to 1.6*)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period

covered by this establishment. From / / 20 to / / 20
(DD/MM/YY)

1.6 PRINCIPAL MANUFACTURING ACTIVITY

1.6.1: Describe establishment's principal manufacturing activity during the 2013 financial year. (.e.g. Manufacture of aluminum buckets, manufacture of household electrical appliances, etc.)

.....
.....

FOR OFFICE USE

--	--	--	--

1.6.2: Other manufacturing activities during the 2013 financial year

FOR OFFICE USE

1.6.2.1
1.6.2.2
1.6.2.3

1.6.3: Non-manufacturing activities during the 2013 financial year.
(e.g wholesale, retail etc.)

FOR OFFICE USE

1.6.3.1
1.6.3.2
1.6.3.3

1.6.4: Is the principal manufacturing activity the same for the 2014 financial year?

Mark (X) in the box that applies

1 YES
 2 NO

If No, state the principal activity for the 2014 financial year

.....
.....
.....

FOR OFFICE USE

--	--	--	--

SECTION 2: EMPLOYMENT AND EARNINGS

2. PERSONS ENGAGED

State the number of persons engaged in the following categories during the pay period nearest to 30th June, 2013 in the blank boxes on the right.

2.1 EMPLOYEES

All persons working for and paid by the establishment.

INCLUDE Such person whether working full-time or part-time.

INCLUDE employees on sick leave, paid vacation and study leave with pay

2.2 UNPAID WORKERS (sum of 2.2.1, 2.2.2 and 2.2.3)

2.2.1 WORKING PROPRIETOR AND ACTIVE BUSINESS PARTNER

Proprietors and partners who are actively engaged in the management of the establishment and are not paid a salary or wage. (Managers and directors of corporations working for pay should be reported with “employees”)

2.2.2 LEARNERS

INCLUDE All persons undergoing on the job training without pay, including unpaid apprentices.

2.2.3 CONTRIBUTING FAMILY WORKERS

Family members of any of the owners who work in the establishment without pay for at least one-third of the normal working period.

2.3 NATIONAL SERVICE PERSONS

2.4 TOTAL (sum of 2.1; 2.2 and 2.3)

2013 PAY PERIOD NEAREST TO 30 TH JUNE, 2013		
a TOTAL	b MALE	c FEMALE
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////

3. **WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR**

State all payments, whether in cash or in kind, to employees for work done during the 2013 financial year. In kind refers to the estimated net cost to the employer of those goods and services furnished to employee free of charge or at markedly reduced cost.

ALL CASH PAYMENTS

INCLUDE Wages and salaries, other cash payments, e.g. bonuses and cost of living allowance.

INCLUDE Wages paid during vacation, sick leave and study leave with pay

INCLUDE Contribution payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

INCLUDE Estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like.

TYPE OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
3.1 All Cash Payment	
3.2 Goods and Services paid in kind	
3.3 TOTAL	

4. **SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013 FINANCIAL YEAR**

INCLUDE Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others	
4.3 TOTAL	

SECTION 3: STOCKS

5. STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR

INCLUDE the value of all stocks held at the establishment itself or in ancillary locations such as warehouses

INCLUDE materials owned by this establishment but held by others for processing

EXCLUDE materials owned by others but held by this establishment for processing.

VALUATION should be at prices specified in the questions, on comparable basis for both beginning and the end of year. Alternatively, book values may be given.

DEFINITIONS

PURCHASER' PRICES (DELIVERY COST)

The delivery cost at the establishment including the purchase price, charges for transport, the cost of insurance, the value of packaging materials charged for and all taxes and duties on the goods. Discounts or rebate allowed to the purchaser and the value of packing materials returned to supplier should be deducted.

EX - FACTORY PRICE (Producers' prices)

The establishment price charged to the consumer.

INCLUDE duties and taxes put on products when they leave the establishment

EXCLUDE any subsidies

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 2013	AT END OF FINANCIAL YEAR 2013
	1	2
5.1 Raw material and supplies (at current replacement cost in purchases prices)		
5.2 Work in progress (in purchasers' prices)		
5.3 Fuel (in purchaser's prices")		
5.4 Finished goods (at ex-factory prices)		
5.5 Goods purchased for resale (at ex-factory prices)		
5.6 Other (Specify)		
5.7 TOTAL (sum of 5.1 to 5.6)		

SECTION 4: FIXED CAPITAL FORMATION

6. **VALUE OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR**

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of new fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS) 1	FIXED ASSETS PURCHASED IN 2013 (GH CEDIS) 2	VALUE OF SALES OF FIXED ASSETS (GH CEDIS) 3	DEPRECIATION/ AGE OF ASSEST (GH CEDIS) 4	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS) 5
6.1 Land (undeveloped land)				//////////////////////////////////// ////////////////////////////////////	
6.2 Residential Buildings					
6.3 Non-Residential Buildings					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except transport and electricity)					
6.6 Generator set & Plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures and office equipment					
6.9 ICT equipment					
6.10 Research and development					
6.11 Computer software					
6.12 Entertainment, literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other (Specify)					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7.1 REPORTING PERIOD IN 2013 (TIME PERIOD)

For the period 2013, what is the easiest **time period** for you to use in reporting the cost of inputs and the value of your establishment's outputs.

1 1 year
 2 6 months
 3 1 month
 4 2 weeks
 5 1 week
 6 other (specify)

7.2 **VALUE OF INPUTS PURCHASED**

COST OF MATERIALS (Exclude Household Consumption)

NAME OF INDIVIDUAL RAW MATERIAL/INPUTS	FOR OFFICE USE 1	UNIT OF MEASURE 2	UNIT COST 3		QUANTITY 4	TOTAL COST GH CEDIS (col.3 x col.4) 5
			GH CEDIS	P		
7.2.1						
7.2.2						
7.2.3						
7.2.4						
7.2.5						
7.2.6						
7.2.7						
7.2.8						
7.2.9						
7.2.10 All other raw materials not listed above. (Exclude all fuels except fuels used for the generation of electricity or power)	////	////	////	////	////	
7.2.11 TOTAL (sum of 7.2.1 to 7.2.10)	////	////	////	////	////	

7.3 INDIRECT COSTS

What was the cost to your establishment of each of the following items during the time period in 2013?

COST OF ITEM	VALUE (GH CEDIS)
7.3.1 Rent	
7.3.2 Electricity	
7.3.3 Water (Exclude water that enters the product)	
7.3.4 Telephone	
7.3.5 Fuel, (kerosene, Gas, Petrol, Charcoal, Firewood etc.)	
7.3.6 Stationery and Office Supplies	
7.3.7 Transportation costs (excluding fuel)	
7.3.8 Security Services if not included in wage bill	
7.3.9 Insurance and other business services	
7.3.10 Promotion and advertising	
7.3.11 Maintenance of plant, equipment and buildings	
7.3.12 All other costs (excluding labour costs and interest payment)	
7.3.13 TOTAL (sum 7.3.1 to 7.3.12)	

7.4 Purchase of goods for resale

GH CEDIS	
----------	--

SECTION 6: SALES AND OTHER RECEIPTS OF THIS ESTABLISHMENT

8. VALUE OF OUTPUT OR SALES

8.1 What was your total revenue from sales of your establishment's production and contract work in the time period in 2013? *(If estimation is required, Question 9 should be answered before answering this question and calculate the response from the sum of entries in question 9. 'Column 6')*.

GH CEDIS	
----------	--

8.2 Did your establishment receive income for all its output that was produced in this time period in 2013?

Yes

No

8.3 What was the value of any additional income your establishment made from selling goods that it did not produce or from supplying services in this time period 2013?

GH CEDIS	
----------	--

10. **VALUE ADDED**

10.1 What is the calculated value added in this time period in 2013?

GH CEDIS	
----------	--

TO CALCULATE VALUE ADDED FOR THE PERIOD, TAKE THE TOTAL VALUE OF OUTPUT (answer to question 5.4) and SUBTRACT THE TOTAL VALUE OF RAW MATERIALS (question 7.2.11 col. 5) and TOTAL INDIRECT COSTS (answer to question 7.3.13 [10.1 = 8.1+8.3 + 5.7 col 1 - 7.2.11 - 7.3.13 - 5.7 col. 2])

11. **PROFIT AND INTEREST PAYMENTS**

11.1 What is your establishment's profit (before depreciation and interest charges) in this time period in 2013?

GH CEDIS	
----------	--

TO CALCULATE GROSS PROFIT, TAKE THE CALCULATED VALUE ADDED (answer to question 10.1) and SUBTRACT THE TOTAL COST OF LABOUR (answer to question 3.3 and 4.30) i.e. 11.1 = 10.1 - (3.3 + 4.3)

11.2 How much was your establishment's total interest payments for loans contracted for your business **in 2013?**

GH CEDIS	
----------	--

QUESTION 12 TO 14 EXCLUDED

SECTION 12: INTERVIEWER'S REVIEW

The interviewer will review the form for the completeness and accuracy in the following section before you complete the certification.

c. COMPLETENESS CHECKS

Mark (X) in the box that applies

Have the following questions been completed?

Question	Yes	No
1.3		
1.6		
2.4		
3.3		
4.3		
5.7		
6.15		
7.2.11 col 5		
7.3.13		
7.4		
8.1		
8.3		

Question	Yes	No
9.14 col 5		
10.1		
11.1		
11.2		
15.1		
15.2		
15.3		
15.4		
15.5		
15.6		
15.7		
15.8		

Question	Yes	No
15.9		
16.1		
16.2		
16.3		
16.4		
16.5		
16.6		
17.1		
17.2		
17.3		
17.4		
17.5		

Question	Yes	No
17.6		
17.7a		
17.1b		
17.8		
18.1		
18.2		
18.3		
19.1		
19.2		
19.3		
19.4		
19.5		

**If NO explain in "Remarks"*

REMARKS

.....

.....



Republic of Ghana

4

GHANA STATISTICAL SERVICE

P.O. BOX GP1098

ACCRA

INTEGRATED BUSINESS ESTABLISHMENT SURVEY (IBES) 2015 (PRODUCTION AND DISTRIBUTION OF ELECTRICITY AND WATER)

(CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS OF 2013)

GENERAL INFORMATION

This questionnaire is for all establishments engaged in the production and distribution of electricity and water. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures (records) are not available, carefully prepared estimates will be accepted.

INFORMATION SUPPLIED IS CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER

--	--	--	--	--	--	--	--	--	--

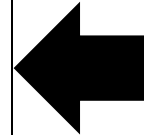
ENUMERATION ZONE NUMBER

--	--	--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

1.1.29	NAME OF ESTABLISHMENT:
1.1.30	STREET NAME:
1.1.31	SUBURB/AREA:
1.1.32	EXACT LOCATION:

1.1.33	TOWN NAME:
1.1.34	DISTRICT NAME:
1.1.35	REGION NAME:



PLEASE
AMEND IF
INCORRECT

FOR OFFICE USE

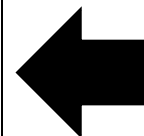
--	--	--

--	--

--	--

1.2: OTHER INFORMATION

1.2.1	POSTAL ADDRESS:										
1.2.2	TELEPHONE NUMBER: <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										
1.2.3	E-MAIL ADDRESS:										
1.2.4	FORM OF ORGANIZATION (e.g. Head Office, Subsidiary, Single establishment):										
1.2.5	TYPE OF OWNERSHIP (Private, Public, PPP):										
1.2.6	NATIONALITY OF OWNERSHIP:										
1.2.7	TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership etc.):										
1.2.8	NAME OF CONTACT PERSON:										
1.2.9	YEAR OF COMMENCEMENT OF BUSINESS										



PLEASE
AMEND IF
INCORRECT

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

 1

YES

 2

NO (*Skip to 1.6*)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period covered by this questionnaire.

From / / 20 to / / 20
(DD/MM/YY)

1.7 PRINCIPAL ACTIVITY

1.6.1: Describe the establishment's principal activity during the 2013 financial year.

Mark (X) in the appropriate box

 1

Generation and distribution of electricity

 2

Production and distribution of water.

1.6.2: Other activities during the 2013 financial year

FOR OFFICE USE

1.6.2.1

1.6.2.2

1.6.2.3

1.6.3: Is the principal activity the same for the 2014 financial year?

Mark (X) in the box that applies

 1

YES

 2

NO

If No, state the principal activity for the 2014 financial year

.....

.....

.....

FOR OFFICE USE

--	--	--	--

SECTION 2: EMPLOYMENT AND EARNINGS

2. PERSONS ENGAGED

State the number of persons engaged in the following categories during the pay period nearest to 30 June, 2013.

2.1 EMPLOYEES

All persons working for and paid by the establishment.

INCLUDE such persons whether working full-time or part-time

INCLUDE employees on sick leave, paid vacation and study leave with pay.

2.1.1 OPERATIVES (DIRECT PRODUCTION EMPLOYEES)

Employees directly engaged in production or production related to activities in the establishment.

INCLUDE persons engaged in fabricating, processing or assembling, mechanics who attend to the machines, shop cleaning personnel, warehousemen, packers, shop-testing and record keeping personnel and paid apprentices.

INCLUDE any supervisory personnel whose function is to record or expedite any step in the production process.

EXCLUDE supervisory employees above the working foreman level.

2.1.2 OTHER EMPLOYEES

Employees other than operatives as defined above, e.g. administrative, clerical and accounts personnel such as salaried managers, clerks, typists and salesmen,

2.2 UNPAID WORKERS

2.2.1 WORKING PROPRIETORS AND ACTIVE BUSINESS PARTNERS

Proprietors and partners who are actively engaged in the management of the establishment and are not paid a salary or wage, (managers and directors of corporations working for pay should be reported with "other employees"

2.2.2 LEARNERS

EXCLUDE all persons undergoing on the job training without pay, including unpaid

2.2.3 CONTRIBUTING FAMILY WORKERS

Family members of any of the owners who work in the establishment without pay for at least one-third of the normal working period.

2.3 NATIONAL SERVICE PERSONS

2.4 TOTAL (sum of 2.1; 2.2 and 2.3)

2013 PAY PERIOD NEAREST TO 30 JUNE 2013		
TOTAL	MALE	FE- MALE
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////
//////////	//////////	//////////

3. WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR

State all payments, whether in cash or in kind, to employees for work done during the 2013 financial year. In kind refers to the estimated net cost to the employer of those goods and services furnished to employee free of charge or at markedly reduced cost.

ALL CASH PAYMENTS

- INCLUDE* Wages and salaries, other cash payments, e.g. bonuses and cost of living allowance.
- INCLUDE* Wages paid during vacation, sick leave and study leave with pay
- INCLUDE* Contribution payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

- INCLUDE* Estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like

TYPE OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
3.1 All Cash Payment	
3.2 Goods and Services paid in kind	
3.3 TOTAL	

4. SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013 FINANCIAL YEAR

- INCLUDE* Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others	
4.3 TOTAL	

SECTION 3:STOCKS

5. STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR

- INCLUDE* the value of all stocks held at the establishment itself or in ancillary locations such as warehouses
- INCLUDE* materials owned by this establishment but held by others for processing
- EXCLUDE* materials owned by others but held by this establishment for processing.
- VALUATION* should be at prices specified in the questions, on comparable basis for both beginning and the end of year. Alternatively, book values may be given.

DEFINITIONS

PURCHASER' PRICES

The delivered cost at the establishment including the purchase price, charges for transport, the cost of insurance, the value of packaging materials charged for and all taxes and duties on the goods. Discounts or rebate allowed to the purchaser and the value of packing materials returned to supplier should be deducted.

EX – FACTORY PRICE (Producers' prices)

The establishment price charged to the consumer.

- INCLUDE* duties and taxes put on products when they leave the establishment
- EXCLUDE* any subsidies

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 2013 1	AT END OF FINANCIAL YEAR 2013 2
5.1 Raw material and supplies (at current replacement cost in purchases prices)		
5.2 Work in progress (in purchasers' prices)		
5.3 Fuel (in purchaser's prices")		
5.4 Finished goods (at ex-factory prices)		
5.5 Goods purchased for resale (at ex-factory prices)		
5.6 Other (Specify)		
5.7 TOTAL (sum of 5.1 to 5.6)		

SECTION 4: FIXED CAPITAL FORMATION

6. VALUE OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of new fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS)	FIXED ASSETS PURCHASED IN 2013	VALUE OF SALES OF FIXED ASSETS (GH CEDIS)	DEPRECIATION (GH CEDIS)	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS)
	1	2	3	4	5
6.1 Land (undeveloped land)				//////////////////// ////////////////////	
6.2 Residential Buildings					
6.3 Non-Residential Buildings					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except for transport & electricity)					
6.6 Generation set & Plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures & office equipment					
6.9 ICT equipment					
6.10 Research & development					
6.11 Computer software					
6.12 Entertainment, Literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other specify					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7. QUANTITY AND COST OF PRINCIPAL MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR

Complete a separate line for each material purchased. Enter balance of purchases in line 7.10 columns 5, 6 and 7 add total value in line 7.11 columns 5, 6 and 7.

INCLUDE all raw materials, fabricated parts and components, etc. received during the 2013 financial year.

INCLUDE materials and components used in the account production of fixed assets or used by other establishments in making product for this establishment under contract.

INCLUDE fuel that enter the product directly or are used to generate electricity.

EXCLUDE deductible Value Added Tax (VAT)

VALUATION should be in purchaser' prices (defined in question 5)

Materials of DOMESTIC ORIGIN include all materials produced in Ghana. Materials of FOREIGN ORIGIN include all materials imported into Ghana (i.e. produced in a foreign country) irrespective of whether they were purchased in Ghana or not.

DESCRIPTION OF MATERIAL	FOR OFFICE USE	UNIT OF MEASURE	MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR					
			TOTAL QUANTITY	AVERAGE UNIT PRICE		TOTAL DELIVERY COST (GH CEDIS)	ORIGIN OF MATERIALS	
				GH CEDIS	P		DOMESTIC	IMPORTED
							(GH CEDIS)	(GH CEDIS)
1	2	3	4	5	6	7		
7.1								
7.2								
7.3								
7.4								
7.5								
7.6								
7.7								
7.8								
7.9								
7.10 All other materials purchased not listed individually above.	////////////////	////////////////	////////////////	////////////////	////////////////			
7.11 TOTAL (sum of 7.1 to 7.10)	////////////////	////////////////	////////////////	////////////////	////////////////			

8. **FUEL PURCHASED DURING THE 2013 FINANCIAL YEAR**

State in delivery cost (purchaser's price).

INCLUDE fuel for transport and machines (as well as fuel used to generate electricity).

EXCLUDE (a) fuel produced and consumed in the same establishment.

(b) fuel purchased as raw materials to enter into the products of the establishment.

TYPE OF FUEL	FOR OFFICE USE	UNIT OF MEASURE	QUANTITY	DELIVERY COST (GH CEDIS)
	1	2	3	4
8.1 Diesel for generating electricity				
8.2 Diesel for transport equipment and other machines				
8.3 Petrol for generating electricity				
8.4 Petrol for transport equipment and other machines				
8.5 Wood				
8.6 Gas (L.P.G) for generating electricity				
8.7 Gas (L.P.G) for transport equipment's and other machines				
8.8 Charcoal				
8.9 Other (specify)				
8.10 Total (sum of 8.1 to 8.9)	//////////////////// //////////////////// ////////////////////	//////////////////// //////////////////// ////////////////////	//////////////////// //////////////////// ////////////////////	

9. **PURCHASES DURING THE 2013 FINANCIAL YEAR.**

VALUATION should be in purchasers' prices (define in question 5).

TYPE OF COST	DELIVERY COST (GH CEDIS)
9.1 Purchase of raw materials, supplies, etc. purchased (same as 7.11 col. 5).	
9.2 Purchase of fuel. (same as 8.10 col. 4)	
9.3 Purchase of electricity	
9.4 Purchase of water	
9.5 Purchase of goods for resale	
9.6 Other (Specify)	
9.7 TOTAL (sum of 9.1 to 9.6)	

10. **OTHER OPERATING COST DURING THE 2013 FINANCIAL YEAR.**

Enter the following types of individual costs. This includes:

Labour costs not included in compensation of employees, purchases of provision and supplies for sale in employee facilities. Amount paid for storage or warehousing.

EXCLUDE Purchase of land and other capital goods, bad debts, depreciation and outright purchase of patent and licenses.

DESCRIPTION OF OTHER COST	COST (GH CEDIS)
10.1 Laundry and cleaning services	
10.2 Music and other entertainment expenses	
10.3 Repairs and maintenance paid for on vehicles, buildings etc. to outside firms	
10.4 Cartage and haulage expenses paid	
10.5 Travel expenses (e.g. management, personal etc.)	
10.6 Value of contract and commission work paid	
10.7 Audit, accounting and legal fee	
10.8 Security services paid to other firms	
10.9 Staff training (when done by another establishment)	
10.10 Services of employment agencies	
10.11 Advertising and promotion etc.	
10.12 Bank charges	
10.13 Telephone, telecommunication, and Internet	
10.14 Postage	
10.15 Tax (e.g. Property Tax)	
10.16 Office stationery and supplies	
10.17 Management and consultation fee	
10.18 Rent paid for hiring of furniture, building, plant and machinery, land etc.	
10.19 Interest paid	
10.20 Dividend paid	
10.21 Royalty paid	
10.22 Business licenses, rates on property paid to central or local government etc.	
10.23 Insurance paid	
10.24 Exchange rate losses (losses due to currency depreciation)	
10.25 Loss on sale of fixed assets	
10.26 Payment for hotel organized activities and tours	
10.27 Other (Specify).....	
10.28 GRAND TOTAL	

SECTION 6 SALES AND OTHER RECEIPTS OF THIS ESTABLISHMENT

11. VALUE OF SALE OF ELECTRICITY AND WATER DURING THE 2013 FINANCIAL YEAR

a. To be covered only if establishment's principal activity is the generation and distribution of electricity.

Enter the quantity and value of electric energy produced from each source by the establishment during the 2013 financial year.

INCLUDE: all duties and taxes levied on the establishment but passed on to the customer.

ELECTRICITY

SOURCE	(FOR OFFICE USE)	QUANTITY (‘000 KWh)	VALUE (GH CEDIS)
	1	2	3
11.1a Hydro-electric power			
11.2a Thermal plant			
11.3a Solar			
11.4a Other (Specify):			
11.5a TOTAL (sum of 11.1a to 11.4a)			

b. To be covered only if establishment's principal activity is production and distribution of water.

Enter the quantity and value of water produced by the establishment during the 2013 financial year.

INCLUDE all duties and taxes levied on the establishment but passed on to the customer.

SOURCE	(FOR OFFICE USE)	QUANTITY (‘000)	VALUE (GH CEDIS)
	1	2	3
11.1b Treated water			
11.2b Mechanize boreholes, wells, etc.			
11.3b Other (Specify):			
11.4b TOTAL (sum of 11.1b to 11.3b)			

12. VALUE OF SALES AND RECEIPTS FOR INDUSTRIAL SERVICES (DISTRIBUTION) DURING THE 2013 FINANCIAL YEAR.

VALUATION should be at ex-factory prices, (defined in question 5).

DESCRIPTION OF ITEM	VALUE (GH CEDIS)
12.1 Value of sale of electricity and water (same as 11.4 <i>a</i> or <i>b</i> , column 2)	
12.2 Receipt for contract work done for others on their materials.	
12.3 Receipt for repair and installation work done for others.	
12.4 Other receipt for industrial services.	
12.5 Sale of goods expressly bought to be sold in the same condition as purchased.	
12.6 Value of capital goods produced for establishment's own use	
12.7 TOTAL (sum of 12.1 to 12.6).	

13. OTHER RECEIPTS DURING THE 2013 FINANCIAL YEAR

Enter receipts from non-industrial services.

EXCLUDE the following: interest for subsidies received from the sale of used capital goods (included in capital formation)

DESCRIPTION OF SERVICES	VALUE (GH CEDIS)
13.1 Receipt for rental or lease of building and machinery	
13.2 Commission received	
13.3 Revenue from the operation of employee facilities	
13.4 Receipt for storage of goods, warehousing and cold storage for others.	
13.5 Receipt for transport services rendered to other, (other than delivery of own products)	
13.6 Dividend received	
13.7 Other (specify)	
13.8 TOTAL (sum of 13.1 to 13.7)	

14. INDUSTRIAL CAPACITY UTILIZATION

Give an estimate of percentage UTILIZATION of optimum or full production capacity (with existing plant and machinery).

PERCENT

--	--	--

SECTION 7: INTERVIEWER'S REVIEW

The interviewer will review the questionnaire for completeness and accuracy in the following section before you complete the certification.

f. **COMPLETENESS CHECKS**

Mark (X) in the box that applies. Have the following questions been completed?

Question	Yes	No
1.3		
1.6		
2.4		
3.3		
4.3		
5.7		
6.15		
7.11		

Question	Yes	No
8.10 col 4		
9.7		
10.28		
11.5a		
11.4b		
12.7		
13.8		
14		

**If No. explain in "REMARKS"*

REMARK

.....

.....

Calculate and enter figures for checks (a, b and c).

CHECK	CALCULATIONS RQUIRED	FIGURES FOR CENSUS (*000 CEDIS)
g. Average annual wage per employee	Total 3.3 /(sum of questions 2.1)	

h. ***Sales, other receipts, input costs, wages and salaries*.**

SALES

RECEIPTS, INPUT COSTS, WAGES AND SALARIES

A

B

Total 5.7 col.1, 12.7 & 13.8

Total 3.3 & 4.3
Total 5.7 col.2
Total 9.7 & 10.28
Total

Is the answer in box A greater than the total in box B?

Mark (X) in the box that applies.

YES

NO (Explain the "No" in "Remarks")

1

2

REMARKS
.....
.....

i. Source of data
Mark (X) in the applicable box(es)

- | | | | |
|----------------------------|--|----------------------------|-------------------|
| <input type="checkbox"/> 1 | Data derived from financial statements | <input type="checkbox"/> 3 | Careful estimates |
| <input type="checkbox"/> 2 | Other documented sources | <input type="checkbox"/> 4 | Estimates |

If more than one box is marked, indicate in space for remarks the number(s) from each source.

REMARKS
.....

j. This questionnaire was completed by (*Mark (X) in the box that applies*).

- | | | | |
|----------------------------|---------|----------------------------|-------------|
| <input type="checkbox"/> 1 | Respond | <input type="checkbox"/> 2 | Interviewer |
|----------------------------|---------|----------------------------|-------------|



Republic of Ghana

5

GHANA STATISTICAL SERVICE

P.O. BOX GP1098

ACCRA

INTEGRATED BUSINESS ESTABLISHMENT SURVEY (IBES) 2015 (CONSTRUCTION)

(CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS OF 2013)

GENERAL INFORMATION

This questionnaire is for construction establishment. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures are not available, carefully prepare estimates will be accepted.

INFORMATION SUPPLIED CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER

--	--	--	--	--	--	--	--	--	--	--	--	--

ENUMERATION ZONE NUMBER

--	--	--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

1.1.36 NAME OF ESTABLISHMENT:

1.1.37 STREET NAME:

1.1.38 SUBURB/AREA:

1.1.39 EXACT LOCATION:

.....

1.1.40 TOWN NAME:

1.1.41 DISTRICT NAME

1.1.42 REGION NAME:



PLEASE
AMEND IF
INCORRECT

FOR OFFICE USE

--	--	--

--	--

--	--

1.2: OTHER INFORMATION

1.2.1: POSTAL ADDRESS:

1.2.2: TELEPHONE NUMBER:

--	--	--	--	--	--	--	--	--	--	--	--	--

1.2.3: E-MAIL ADDRESS:

1.2.4 FORM OF ORGANIZATION (e.g. Head Office, Subsidiary, Single establishment):

.....

1.2.5: TYPE OF OWNERSHIP (Private, Public, PPP):

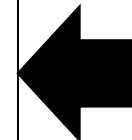
1.2.6: NATIONALITY OF OWNERSHIP:

1.2.7 TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership etc.):

.....

1.2.8 NAME OF CONTACT PERSON:

1.2.9 YEAR OF COMMENCEMENT OF BUSINESS



PLEASE
AMEND IF
INCORRECT

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

YES

NO (*Skip to 1.6*)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period covered by this questionnaire.

From / / 20 to / / 20
(DD/MM/YY)

1.8 PRINCIPAL ACTIVITY

1.6.1: Describe the establishment's principal activity during the 2013 financial year. (*e.g.*

Construction of buildings, construction of roads and bridges, drilling of wells, construction of roofs, etc.)

.....
.....

FOR OFFICE USE

--	--	--	--

1.6.2: Other construction activities during the 2013 financial year

FOR OFFICE USE

1.6.2.1
1.6.2.2
1.6.2.3

1.6.3: Is the principal activity the same for the 2014 financial year?

Mark (X) in the box that applies

YES

NO

If No, state the principal activity for the 2014 financial year

.....
.....
.....

FOR OFFICE USE

--	--	--	--

3. **WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR**

State all payments, whether in cash or in kind, to employees for work done during the 2013 financial year. In kind refers to the estimated net cost to the employer of those goods and services furnished to employees.

ALL CASH PAYMENTS

INCLUDE wages and salaries, other cash payments, e.g. bonuses and cost of living allowances.

INCLUDE wages paid during vacation, sick leave and study leave with pay.

INCLUDE contributions payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

INCLUDE estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like.

EXCLUDE payments made to contractors supplying contract workers to your establishments.

TYPES OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
3.1 Operatives (Direct Construction Workers)	
3.2 Other employees (include directors)	
3.3 TOTAL	

4. **SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013 FINANCIAL YEAR**

(These items are not included in Question 3)

INCLUDE Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others	
4.3 TOTAL	

SECTION 3: STOCKS

5. STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR

INCLUDE the value of all stocks held at the establishment itself or in ancillary locations such as warehouses

INCLUDE materials owned by this establishment but held by others for processing

EXCLUDE materials owned by others but held by this establishment for processing.

VALUATION should be at prices specified in the questions, on comparable basis for both beginning and the end of year. Alternatively, book values may be given.

DEFINITIONS

PURCHASER' PRICES

The delivered cost at the establishment including the purchase price, charges for transport, the cost of insurance, the value of packaging materials charged for and all taxes and duties on the goods. Discounts or rebate allowed to the purchaser and the value of packing materials returned to supplier should be deducted.

EX – FACTORY PRICE (Producers' prices)

The establishment price charged to the consumer.

INCLUDE duties and taxes put on products when they leave the establishment

EXCLUDE any subsidies

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 2013	AT END OF FINANCIAL YEAR 2013
	1	2
5.1 Raw material and supplies (at current replacement cost in purchases prices)		
5.2 Work in progress (in purchasers' prices)		
5.3 Fuel (in purchaser's prices")		
5.4 Finished goods (at ex-factory prices)		
5.5 Goods purchased for resale (at ex-factory prices)		
5.6 Other (Specify)		
5.7 TOTAL (sum of 5.1 to 5.6)		

SECTION 4: FIXED CAPITAL FORMATION

6. VALUE OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of new fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS)	FIXED ASSETS PURCHASED IN 2013	VALUE OF SALES OF FIXED ASSETS (GH CEDIS)	DEPRECIATION (GH CEDIS)	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS)
	1	2	3	4	5
6.1 Land (undeveloped land)				//////////////////// ////////////////////	
6.2 Residential Buildings					
6.3 Non-Residential Buildings					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except for transport & electricity)					
6.6 Generation set & Plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures & office equipment					
6.9 ICT equipment					
6.10 Research & development					
6.11 Computer software					
6.12 Entertainment, Literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other specify					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7. QUANTITY AND COST OF PRINCIPAL MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR

Complete a separate line for each material purchased. Enter balance of purchases in line 7.10 columns 5, 6 and 7 add total value in line 7.11 columns 5, 6 and 7.

INCLUDE all raw materials, fabricated parts and components, etc. received during the 2013 financial year.

INCLUDE materials and components used in the account production of fixed assets or used by other establishments in making product for this establishment under contract.

INCLUDE fuel that enter the product directly or are used to generate electricity.

EXCLUDE deductible Value Added Tax (VAT)

VALUATION should be in purchaser' prices (defined in question 5)

Materials of DOMESTIC ORIGIN include all materials produced in Ghana. Materials of FOREIGN ORIGIN include all materials imported into Ghana (i.e. produced in a foreign country) irrespective of whether they were purchased in Ghana or not.

DESCRIPTION OF MATERIAL	FOR OFFICE USE	UNIT OF MEASURE	MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR					
			TOTAL QUANTITY	AVERAGE UNIT PRICE		TOTAL DELIVERY COST (GH CEDIS)	ORIGIN OF MATERIALS	
				4			DOMESTIC	IMPORTED
				GH CEDIS	P		(GH CEDIS)	(GH CEDIS)
1	2	3			5	6	7	
7.1								
7.2								
7.3								
7.4								
7.5								
7.6								
7.7								
7.8								
7.9								
7.10 All other materials purchased not listed individually above.	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////			
7.11 TOTAL (sum of 7.1 to 7.10)	////////// //////////	////////// //////////	////////// //////////	////////// //////////	////////// //////////			

8. **FUEL PURCHASED DURING THE 2013 FINANCIAL YEAR**

State in delivery cost (purchaser's price).

INCLUDE fuel for transport and machines (as well as fuel used to generate electricity).

EXCLUDE (a) fuel produced and consumed in the same establishment.

(b) fuel purchased as raw materials to enter into the products of the establishment.

TYPE OF FUEL	FOR OFFICE USE	UNIT OF MEASURE	QUANTITY	DELIVERY COST (GH CEDIS)
	1	2	3	4
8.1 Diesel for generating electricity				
8.2 Diesel for transport equipment and other machines				
8.3 Petrol for generating electricity				
8.4 Petrol for transport equipment and other machines				
8.5 Wood				
8.6 Gas (L.P.G) for generating electricity				
8.7 Gas (L.P.G) for transport equipment's and other machines				
8.8 Charcoal				
8.9 Other (specify)				
8.10 Total (sum of 8.1 to 8.9)	//////////////////// //////////////////// ////////////////////	//////////////////// //////////////////// ////////////////////	//////////////////// //////////////////// ////////////////////	

9. **PURCHASES DURING THE 2013 FINANCIAL YEAR.**

VALUATION should be in purchasers' prices (define in question 5).

TYPE OF COST	DELIVERY COST (GH CEDIS)
9.1 Purchase of raw materials, supplies, etc. purchased (same as 7.11 col. 5).	
9.2 Purchase of fuel. (same as 8.10 col. 4)	
9.3 Purchase of electricity	
9.4 Purchase of water	
9.5 Purchase of goods for resale	
9.6 Other (Specify)	
9.7 TOTAL (sum of 9.1 to 9.6)	

10. **OTHER OPERATING COST DURING THE 2013 FINANCIAL YEAR.**

Enter the following types of individual costs. This includes:

Labour costs not included in compensation of employees, purchases of provision and supplies for sale in employee facilities. Amount paid for storage or warehousing.

EXCLUDE Purchase of land and other capital goods, bad debts, depreciation and outright purchase of patent and licenses.

DESCRIPTION OF OTHER COST	COST (GH CEDIS)
10.1 Laundry and cleaning services	
10.2 Music and other entertainment expenses	
10.3 Repairs and maintenance paid for on vehicles, buildings etc. to outside firms	
10.4 Cartage and haulage expenses paid	
10.5 Travel expenses (e.g. management, personal etc.)	
10.6 Value of contract and commission work paid	
10.7 Audit, accounting and legal fee	
10.8 Security services paid to other firms	
10.9 Staff training (when done by another establishment)	
10.10 Services of employment agencies	
10.11 Advertising and promotion etc.	
10.12 Bank charges	
10.13 Telephone, telecommunication, and Internet	
10.14 Postage	
10.15 Tax (e.g. Property Tax)	
10.16 Office stationery and supplies	
10.17 Management and consultation fee	
10.18 Rent paid for hiring of furniture, building, plant and machinery, land etc.	
10.19 Interest paid	
10.20 Dividend paid	
10.21 Royalty paid	
10.22 Business licenses, rates on property paid to central or local government etc.	
10.23 Insurance paid	
10.24 Exchange rate losses (losses due to currency depreciation)	
10.25 Loss on sale of fixed assets	
10.26 Payment for hotel organized activities and tours	
10.27 Other (Specify).....	
10.28 GRAND TOTAL	

11. **PAYMENT TO SUB-CONTRACTORS FOR WORK DONE**

WORK DONE	VALUE (GH CEDIS)
TOTAL payments to sub-contractors for work done	

EXCLUDE cost of raw materials purchased for sub-contractors.

SECTION 6: OUTPUT OF THIS ESTABLISHMENT

12. VALUE OF CONSTRUCTION WORK DONE DURING 2013 FINANCIAL YEAR

Complete a separate line for each construction activity.

INCLUDE work carried out on the basis of contract with investors including work given out to sub-contractors and on the account of the construction establishment itself.

INCLUDE value of construction for which the establishment is a sub-contractor but has been re-subcontracted to others

INCLUDE value of construction done by the establishment during the 2013 financial year for which the establishment has received part payment or no payment

EXCLUDE the value of construction done by the establishment before the 2013 financial year for which payments were received during the 2013 financial year.

12A. VALUE OF CONSTRUCTION WORK DONE AS A MAIN CONTRACT DURING THE 2013 FINANCIAL YEAR

DESCRIPTION OF CONSTRUCTION ACTIVITY	VALUE (GH CEDIS)
12.1 New construction including extensions	////////////////////////////////////
i. Residential building	
ii. Non-Residential buildings	
iii. Other construction work	
iv. TOTAL (sum 12.1i, 12.1ii & 12.1iii)	
12.2 Repair and maintenance	////////////////////////////////////
i. Capital repairs (including restorations and conversions)	
ii. Current repairs and maintenance	
iii. TOTAL (sum 12.2i and 12.2ii)	
12.3 GRAND TOTAL (sum of 12.1iv and 12.2iii)	

12B. VALUE OF CONSTRUCTION WORK DONE AS A SUB CONTRACTOR OR ON OWN ACCOUNT DURING THE 2013 FINANCIAL YEAR.

DESCRIPTION OF CONSTRUCTION ACTIVITY	VALUE (GH CEDIS)
12.4 Value of construction work carried out by construction establishment as a sub-contractor	
12.5 Value of construction work carried out by construction establishment for itself	
12.6 GRAND TOTAL (sum of 12.4 and 12.5)	

12.7 **GRAND TOTAL (sum of 12.3 and 12.6)**

VALUE (GH CEDIS)	
------------------	--

13. **VALUE OF CONSTRUCTION DONE AND RECEIPTS FOR INDUSTRIAL SERVICES DURING THE 2013 FINANCIAL YEAR.**

VALUATION should be at ex-factory prices, (defined in question 5)

DESCRIPTION OF ITEM	VALUE (GH CEDIS)
13.1 Value of construction (same as 12.7)	
13.2 Receipt for contract work done for others with their materials	
13.3 Receipt for repair and installation work done for others	
13.4 Goods sold in the same condition as purchased	
13.5 Value of capital goods produced for used by establishment	
13.6 Other receipts for construction services	
13.7 TOTAL (sum of 13.1 to 13.6)	

14. **RECEIPTS FOR NON CONSTRUCTION ACTIVITIES DURING THE 2013 FINANCIAL YEAR**

Enter receipts from non-construction activities.

EXCLUDE the following: dividend, interest or subsidies received from the sale of used capital goods (include in capital formation)

DESCRIPTION OF SERVICES	VALUE (GH CEDIS)
14.1 Receipt for rental or lease of building and machinery	
14.2 Commission received	
14.3 Revenue from the operation of employee facilities	
14.4 Receipt for storage of goods, warehousing, cold storage for others	
14.5 Receipt for transport services rendered to others.	
14.6 Other (specify)	
14.7 TOTAL (sum of 14.1 to 14.6)	

SECTION 7: INTERVIEWER'S REVIEW

The interviewer will review your form for completeness and accuracy in the following section before you complete the certification.

d. **COMPLETENESS CHECKS**

Mark (X) in the box that applies

Have the following questions been completed?

Question	Yes	No
1.3		
1.5		
1.6		
2.4		
3.3		
4.3		
5.7		
6.15		
7.11		

Question	Yes	No
8.10		
9.7		
10.28		
11		
12.7		
13.7		
14.7		

** If NO explain in "REMARKS"*

REMARKS

.....

Calculate and enter figures for checks (b, c and d)

CHECK	CALCULATIONS REQUIRED	FIGURES FOR CENSUS (GHANA CEDIS)
b. Average annual wage per employee	Total 3.3 / question 2.1 col. 1a	

f. *Value of construction and receipts input costs, wages and salaries*

A
VALUE OF CONSTRUCTION & OTHER RECEIPT

Total 5.7 col.1, 13.7 & 14.7

B
INPUT COST AND WAGES AND SALARIES

Total 3.3 & 4.3
Total 5.7 col.2
Total 9.7 & 10.28
Total

Is the answer in box A greater than the total in box B?

Mark (X) in the box that applies.

1

YES

2

NO

(explain the "No" in "Remarks")

REMARKS

.....

.....

g. Source of data

Mark (X) in the applicable box(es)

Data derived from financial statements

Careful estimates

Other documented source

4

Estimates

If more than one box is marked, indicate in space for remarks the number(s) from each source.

REMARKS

.....

.....

h. This questionnaire was completed by (Mark (X) in the box that applies)

1

Respondents

2

Interviewer

CONFIDENTIAL

IBES FORM - 6



Republic of Ghana

GHANA STATISTICAL SERVICE

P.O. BOX GP1098

ACCRA

6

**INTEGRATED BUSINESS
ESTABLISHMENT SURVEY (IBES) 2015**

ACCOMMODATION AND FOOD SERVICE

TRANSPORT AND STORAGE

REAL ESTATE

ARTS, ENTERTAINMENT AND RECREATION

INFORMATION AND COMMUNICATION

OTHER SERVICE

ADMINISTRATIVE AND SUPPORT SERVICE

(CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS OF 2013)

GENERAL INFORMATION

This questionnaire is for Accommodation and Food Services, Transport and Storage, Real Estate, Arts, Entertainment and Recreation, Other Service and Administrative and Support Service. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures are not available, carefully prepared estimates will be accepted.

INFORMATION SUPPLIED CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER

ENUMERATION ZONE NUMBER

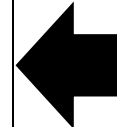
--	--	--	--	--	--	--	--	--	--

--	--	--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

1.1.43	NAME OF ESTABLISHMENT:
1.1.44	STREET NAME:
1.1.45	SUBURB/AREA:
1.1.46	EXACT LOCATION:

1.1.47	TOWN NAME:
1.1.48	DISTRICT NAME
1.1.49	REGION NAME:

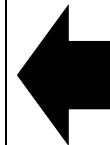


PLEASE
AMEND IF
INCORRECT

FOR OFFICE USE

1.2: OTHER INFORMATION

1.2.1:	POSTAL ADDRESS:										
1.2.2:	TELEPHONE NUMBER: <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										
1.2.3:	E-MAIL ADDRESS:.....										
1.2.4	FORM OF ORGANIZATION (e.g. Head Office, Subsidiary, Single establishment):										
1.2.5:	TYPE OF OWNERSHIP (Private, Public, PPP):										
1.2.6:	NATIONALITY OF OWNERSHIP:										
1.2.7	TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership Etc.):										
1.2.8	NAME OF CONTACT PERSON:										
1.2.9	YEAR OF COMMENCEMENT OF BUSINESS										



PLEASE
AMEND
IF

INCORRECT

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

1 YES

2 NO (*Skip to 1.6*)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period covered by this questionnaire.

From / / 20 to / / 20
(DD/MM/YY)

1.6 PRINCIPAL ACTIVITY

1.6.1: Describe establishment's principal activity during the 2013 financial year.

.....
.....

FOR OFFICE USE

--	--	--	--

1.6.2: Other activities during the 2013 financial year

FOR OFFICE USE

1.6.2.1

1.6.2.2

1.6.2.3

1.6.3 Is the principal activity the same for the 2014 financial year?

Mark (X) in the box that applies

1 YES

2 NO

If No, state the principal activity for the 2014 financial year

.....
.....
.....

FOR OFFICE USE

--	--	--	--

SECTION 2: EMPLOYMENT AND EARNINGS

2. PERSONS ENGAGED

State the number of persons engaged in the following categories during the pay period nearest to 30th June, 2013.

2.1 EMPLOYEES (2.1.1 + 2.1.2)

All persons working for and paid by the establishment.

INCLUDE Such person whether working full-time or part-time.

INCLUDE employees on sick leave, paid vacation and study leave with pay

2.1.1 PERMANENT WORKERS

2.1.2 TEMPORARY WORKERS

2.2 UNPAID WORKERS (sum of 2.2.1, 2.2.2 & 2.2.3)

2.2.1 WORKING PROPRIETOR AND ACTIVE BUSINESS PARTNER

Proprietors and partners who are actively engaged in the management of the establishment and are not paid a salary or wage. (Managers and directors of corporations working for pay should be reported with “employees”)

2.2.2 LEARNERS

INCLUDE All persons undergoing on the job training without pay, including unpaid apprentices.

2.2.3 CONTRIBUTING FAMILY WORKERS

Family members of any of the owners who work in the establishment without pay for at least one-third of the normal working period.

2.3 NATIONAL SERVICE PERSONS

2.4 TOTAL (sum of 2.1; 2.2 and 2.3)

PAY PERIOD NEAREST TO 30TH JUNE, 2013		
TOTAL	MALE	FEMALE
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////

3. WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR

State all payments, whether in cash or in kind, to employees for work done during the 2013 financial year. In kind refers to the estimated net cost to the employer of those goods and services furnished to employee free of charge or at markedly reduced cost.

ALL CASH PAYMENTS

- INCLUDE* Wages and salaries, other cash payments, e.g. bonuses and cost of living allowance.
- INCLUDE* Wages paid during vacation, sick leave and study leave with pay
- INCLUDE* Contribution payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

- INCLUDE* Estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like.

TYPE OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
3.1 All Cash Payment	
3.2 Goods and Services paid in kind	
3.3 TOTAL	

4. SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013 FINANCIAL YEAR

- INCLUDE* Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others	
4.3 TOTAL	

SECTION 3: STOCKS

5. STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR

INCLUDE the value of all stocks held at the establishment itself or in ancillary locations such as warehouses

INCLUDE goods owned by this establishment but held by others.

EXCLUDE goods owned by others but held by this establishment.

VALUATION should be at book value.

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 2013 1	AT END OF FINANCIAL YEAR 2013 2
5.1 Consumables and supplies		
5.2 Goods purchased for resale		
5.3 Other		
5.4 TOTAL (sum of 5.1 to 5.3)		

SECTION 4: FIXED CAPITAL FORMATION

6. **VALUE OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR**

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of new fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS) 1	FIXED ASSETS PURCHASED IN 2013 2	VALUE OF SALES OF FIXED ASSETS (GH CEDIS) 3	DEPRECIATION (GH CEDIS) 4	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS) 5
6.1 Land (undeveloped land)				//////////////////////////////////// ////////////////////////////////////	
6.2 Residential Buildings					
6.3 Buildings Non-Residential					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except for transport & electricity)					
6.6 Generation set & plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures & office equipment					
6.9 ICT equipment					
6.10 Research & development					
6.11 Computer software					
6.12 Entertainment, Literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other specify					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7.2 REPORTING PERIOD IN 2013 (TIME PERIOD)

For the period 2013, what is the easiest **time period** for you to use in reporting the cost of inputs and the value of your establishment's outputs.

1 year 6 months 1 month 2 weeks 1 week other (specify)

7.2 **QUANTITY AND COST OF PRINCIPAL MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR**

Complete a separate line for each material purchased. Enter balance of purchases in line 7.10 columns 5, 6 and 7 add total value in line 7.11 columns 5, 6 and 7.

INCLUDE all raw materials, fabricated parts and components, etc. received during the 2013 financial year.

INCLUDE materials and components used in the account production of fixed assets or used by other establishments in making product for this establishment under contract.

INCLUDE fuel that enter the product directly or are used to generate electricity.

EXCLUDE deductible Value Added Tax (VAT)

VALUATION should be in purchaser' prices (defined in question 5)

Materials of DOMESTIC ORIGIN include all materials produced in Ghana. Materials of FOREIGN ORIGIN include all materials imported into Ghana (i.e. produced in a foreign country) irrespective of whether they were purchased in Ghana or not.

DESCRIPTION OF MATERIAL	FOR OFFICE USE	UNIT OF MEASURE	MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR					
			TOTAL QUANTITY	AVERAGE UNIT PRICE		TOTAL DELIVERY COST (GH CEDIS)	ORIGIN OF MATERIALS	
				4			DOMESTIC	IMPORTED
				GH CEDIS	P		(GH CEDIS)	(GH CEDIS)
1	2	3			5	6	7	
7.2.1								
7.2.2								
7.2.3								
7.2.4								
7.2.5								
7.2.6								
7.2.7								
7.2.8								
7.2.9								
7.2.10 All other materials purchased not listed individually above.	////////////////	////////////////	////////////////	////////////////	////////////////			
7.2.11 TOTAL (sum of 7.2.1 to 7.2.10)	////////////////	////////////////	////////////////	////////////////	////////////////			

8. **FUEL PURCHASED DURING THE 2013 FINANCIAL YEAR**

State in delivery cost (purchaser's price).

INCLUDE fuel for transport and machines (as well as fuel used to generate electricity).

EXCLUDE (a) fuel produced and consumed in the same establishment.

(b) fuel purchased as raw materials to enter into the products of the establishment

TYPE OF FUEL	FOR OFFICE USE	UNIT OF MEASURE	QUANTITY	DELIVERY COST (GH CEDIS)
	1	2	3	4
8.1 Diesel for generating electricity				
8.2 Diesel for transport equipment and other machines				
8.3 Petrol for generating electricity				
8.4 Petrol for transport equipment and other machines				
8.5 Wood				
8.6 Gas (L.P.G) for generating electricity				
8.7 Gas (L.P.G) for transport equipment's and other machines				
8.8 Charcoal				
8.9 Other (specify)				
8.10 Total (sum of 8.1 to 8.9)	//////////////////// //////////////////// ////////////////////	//////////////////// //////////////////// ////////////////////	//////////////////// //////////////////// ////////////////////	

9. **PURCHASES DURING THE 2013 FINANCIAL YEAR.**

VALUATION should be in purchasers' prices (define in question 5).

TYPE OF COST	DELIVERY COST (GH CEDIS)
9.1 Purchase of raw materials, supplies, etc. purchased (same as 7.11 col. 5).	
9.2 Purchase of fuel. (same as 8.10 col. 4)	
9.3 Purchase of electricity	
9.4 Purchase of water	
9.5 Purchase of goods for resale	
9.6 Other (Specify)	
9.7 TOTAL (sum of 9.1 to 9.6)	

10. **OTHER OPERATING COST DURING THE 2013 FINANCIAL YEAR.**

Enter the following types of individual costs. This includes:

Labour costs not included in compensation of employees, purchases of provision and supplies for sale in employee facilities. Amount paid for storage or warehousing.

EXCLUDE Purchase of land and other capital goods, bad debts, depreciation and outright purchase of patent and licenses.

DESCRIPTION OF OTHER COST	COST (GH CEDIS)
10.1 Laundry and cleaning services	
10.2 Music and other entertainment expenses	
10.3 Repairs and maintenance paid for on vehicles, buildings etc. to outside firms	
10.4 Cartage and haulage expenses paid	
10.5 Travel expenses (e.g. management, personal etc.)	
10.6 Value of contract and commission work paid	
10.7 Audit, accounting and legal fee	
10.8 Security services paid to other firms	
10.9 Staff training (when done by another establishment)	
10.10 Services of employment agencies	
10.11 Advertising and promotion etc.	
10.12 Bank charges	
10.13 Telephone, telecommunication, and Internet	
10.14 Postage	
10.15 Tax (e.g. Property Tax)	
10.16 Office stationery and supplies	
10.17 Management and consultation fee	
10.18 Rent paid for hiring of furniture, building, plant and machinery, land etc.	
10.19 Interest paid	
10.20 Dividend paid	
10.21 Royalty paid	
10.22 Business licenses, rates on property paid to central or local government etc.	
10.23 Insurance paid	
10.24 Exchange rate losses (losses due to currency depreciation)	
10.25 Loss on sale of fixed assets	
10.26 Payment for hotel organized activities and tours	
10.27 Other (Specify).....	
10.28 GRAND TOTAL	

SECTION 6 REVENUE**11.1: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN ACCOMMODATION AND FOOD ACTIVITIES**

INCOME FROM:	VALUE (GH CEDIS)
11.1.1 Room sales	
11.1.2 Conferences/Workshop	
11.1.3 Food	
11.1.4 Beverages (tea, coffee and cocoa)	
11.1.5 Alcoholic drinks	
11.1.6 Non –alcoholic drinks	
11.1.7 Tobacco and tobacco products	
11.1.8 Receipts from hotel organized activities and tours	
11.1.9 Receipts from services rendered by hotels e.g. beauty and massage, laundry etc.	
11.1.10 Travel agencies and tour operating activities other than hiring of vehicles	
11.1.11 Rental and leasing of vehicles for tourist activities	
11.1.12 Other (Specify)	
11.1.13 TOTAL	

11.2: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN TRANSPORT AND STORAGE ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
11.2.1 Transport of passengers	
11.2.2 Transport of goods	
11.2.3 Warehousing and Storage	
11.2.4 Courier/Postal services	
11.2.5 Hiring of vehicles	
11.2.6 Goods purchased purposely for resale (e.g. Spare parts)	
11.2.7 Rental and leasing of vehicles for tourist activities	
11.2.8 Rental and leasing of goods and equipment	
11.2.9 Rental and lease of office space	
11.2.10 Transport of liquid or gas via pipeline	
11.2.11 Other (Specify)	
11.2.12 TOTAL	

11.3: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN ARTS, ENTERTAINMENT AND RECREATION ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
11.3.1 Sale of artefacts, albums, and other similar products	
11.3.2 Gambling and betting	
11.3.3 Sale of goods in the same condition as received	
11.3.4 Receipt for contract and commission work done for others	
11.3.5 Membership fees	
11.3.6 Entry /gate fees/ticket sales	
11.3.7 Performance fees	
11.3.8 Video and music (audio) rentals	
11.3.9 Government grants or subsidies	
11.3.10 Donations received	
11.3.11 Rental of land and premises	
11.3.12 Dividend and other investment income received	
11.3.13 Other (Specify)	
11.3.14 TOTAL	

11.4: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN REAL ESTATE ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
11.4.1 Sales (including building, land, other properties)	
11.4.2 Rent received	
11.4.3 Commission earned (real estate agent and brokers) <i>Includes commission on selling and buying of lands, renting real estate etc.</i>	
11.4.4 Other (Specify)	
11.4.5 TOTAL	

11.5: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
Travel agency, tour operators, reservation services and other related activities	//////////////////////////////////// ////////////////////////////////////
11.5.1 Travel agency services	
11.5.2 Tour operator/guide services	
Other administrative and support service activities	//////////////////////////////////// ////////////////////////////////////
11.5.3 Employment placement/human resource agencies	
11.5.4 Private security and investigation service	
11.5.5 General cleaning and landscaping activities	
11.5.6 Office support, event organization, call centres and business support	
11.5.7 Other (Specify)	
11.5.8 TOTAL	

11.6: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN INFORMATION AND COMMUNICATION ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
11.6.1 Publishing of books, newspapers, periodicals and similar activities	
11.6.2 Radio and television programing and broadcasting	
11.6.3 Recording and publishing of music	
11.6.4 Fixed telephone services (prepaid and postpaid)	
11.6.5 Mobile telephone services (airtime)	
11.6.6 Internet communication services (data)	
11.6.7 Computer programing consultancy and related services	
11.6.8 Data processing and data entry services	
11.6.9 Website and hosting services	
11.6.10 Other (Specify)	
11.6.11 TOTAL	

11.7: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN OTHER SERVICE ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
Activities of membership organizations	////////////////////////////////////
11.7.1 Membership dues (including dues or fees of member)	
11.7.2 Government grants and subsidies	
11.7.3 Donations (including Offerings and tithes)	
Repair of computers and personal household goods	////////////////////////////////////
11.7.4 Repair and maintenance <i>Includes Spare parts, materials used and labour</i>	
11.7.5 Renting and leasing of computer equipment and personal and household goods	
Other Personal Services Activities	////////////////////////////////////
11.7.6 Washing and laundry services	
11.7.7 Hair dressing and beauty treatment services	
11.7.8 Funeral services	
11.7.9 Other (Specify)	
11.7.10 TOTAL	

12.1 OTHER INCOMES

INCOME FROM:	VALUE (GH CEDIS)
12.1.1 Capital transfer received	
12.1.2 Value of goods sold in the same condition as purchased	
12.1.3 Rent received for the hire/lease of building, plant and machinery and furniture, land,	
12.1.4 Insurance claims received:	
12.1.5 Subsidies and grants received from	////////////////////////////////////
(a) Within Ghana	
(b) Overseas	
12.1.6 Income from:	////////////////////////////////////
(a) Interest received	
(b) Dividends received	
(c) Royalties, copyrights etc.,	
12.1.7 Profit or loss received from any other business in which you have an investment interest	
12.1.8 Bad and doubtful debts recovered	
12.1.9 Exchange gain (due to appreciation of currency)	
12.1.10 Gain on sale of fixed assets	
12.1.11 Other (specify).....	
12.1.12 TOTAL	

13. CAPACITY

TO BE COMPLETED BY ESTABLISHMENTS ENGAGED IN ACCOMMODATION AND FOOD ACTIVITIES

NUMBER OF LETTABLE ROOMS AND BED-PLACES

Include: the number of single rooms

Include: the number of bed-places in the single rooms

Include: the number of double rooms

Include: the number of bed-places in the double rooms

Include: the number of rooms in the dormitories.

Include: the number of bed-places in the dormitories

Include: executive, presidential suite, apartment, and others.

TYPE OF ROOMS	ROOMS	BED-PLACES
13.1 Single		
13.2 Double		
13.3 Suite		
13.4 Dormitories		
13.5 Chalets		
13.6 Executive		
13.7 Presidential Suite		
13.8 Apartment		
13.9 Other (specify)		
13.10 TOTAL		

SECTION 7: INTERVIEWER'S REVIEW

The interviewer will review the form for the completeness and accuracy in the following section before you complete the certification.

e. **COMPLETENESS CHECKS**

Mark (X) in the box that applies

Have the following questions been completed?

Question	Yes	No
1.3		
1.6		
2.4		
3.3		
4.3		
5.4		
6.15		
7.2.11 col 6		
8.10 col 4		
9.7		

Question	Yes	No
10.28		
11.1.13		
11.2.12		
11.3.14		
11.4.5		
11.5.8		
11.6.11		
11.7.10		
12.1.12		
13.10		

**If NO explain in "Remarks"*

REMARKS

.....

.....



Republic of Ghana

GHANA STATISTICAL SERVICE

P.O. BOX GP1098

ACCRA

7

INTEGRATED BUSINESS ESTABLISHMENT SURVEY (IBES) 2015

HUMAN HEALTH AND SOCIAL WORK ACTIVITIES

EDUCATION SERVICE

PROFESSIONAL SCIENTIFIC & TECHNICAL ACTIVITIES

BANKING SERVICE ACTIVITIES

INSURANCE SERVICES ACTIVITIES

**(CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS
OF 2013)**

GENERAL INFORMATION

This questionnaire is for Human Health and Social Work Activities, Education Service, Professional Scientific and Technical Activities, Banking Service and Insurance Services. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures are not available, carefully prepared estimates will be accepted.

INFORMATION SUPPLIED CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER

ENUMERATION ZONE NUMBER

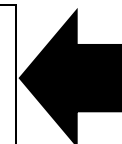
--	--	--	--	--	--	--	--	--	--

--	--	--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

1.1.50	NAME OF ESTABLISHMENT:
1.1.51	STREET NAME:
1.1.52	SUBURB/AREA:
1.1.53	EXACT LOCATION:

1.1.54	TOWN NAME:
1.1.55	DISTRICT NAME
1.1.56	REGION NAME:



PLEASE
AMEND IF
INCORRECT
FOR OFFICE USE

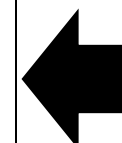
--	--	--

--	--

--	--

1.2: OTHER INFORMATION

1.2.1:	POSTAL ADDRESS:										
1.2.2:	TELEPHONE NUMBER: <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										
1.2.3:	E-MAIL ADDRESS:										
1.2.4	FORM OF ORGANIZATION (e.g. Head Office, Subsidiary, Single establishment):										
1.2.5:	TYPE OF OWNERSHIP (Private, Public, PPP):										
1.2.6:	NATIONALITY OF OWNERSHIP:										
1.2.7	TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership Etc.):										
1.2.8	NAME OF CONTACT PERSON:										
1.2.9	YEAR OF COMMENCEMENT OF BUSINESS										



PLEASE
AMEND IF
INCORRECT

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

1 YES

2 NO (*Skip to 1.6*)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period covered by this questionnaire.

From / / 20 to / / 20
(DD/MM/YY)

1.7 PRINCIPAL ACTIVITY

1.6.1: Describe establishment's principal activity during the 2013 financial year.

.....
.....

FOR OFFICE USE

--	--	--	--

1.6.2: Other activities during the 2013 financial year

1.6.2.1

1.6.2.2

1.6.2.3

FOR OFFICE USE

1.6.3 Is the principal activity the same for the 2014 financial year?

Mark (X) in the box that applies

1 YES

2 NO

If No, state the principal activity for the 2014 financial year

.....
.....
.....

FOR OFFICE USE

--	--	--	--

SECTION 2: EMPLOYMENT AND EARNINGS

2. PERSONS ENGAGED

State the number of persons engaged in the following categories during the pay period nearest to 30th June, 2013.

2.1 EMPLOYEES (2.1.1 + 2.1.2)

All persons working for and paid by the establishment.

INCLUDE Such person whether working full-time or part-time.

INCLUDE employees on sick leave, paid vacation and study leave with pay

2.1.1 PERMANENT WORKERS

2.1.2 TEMPORARY WORKERS

2.2 UNPAID WORKERS (sum of 2.2.1, 2.2.2 & 2.2.3)

2.2.1 WORKING PROPRIETOR AND ACTIVE BUSINESS PARTNER

Proprietors and partners who are actively engaged in the management of the establishment and are not paid a salary or wage. (Managers and directors of corporations working for pay should be reported with “employees”)

2.2.2 LEARNERS

INCLUDE All persons undergoing on the job training without pay, including unpaid apprentices.

2.2.3 CONTRIBUTING FAMILY WORKERS

Family members of any of the owners who work in the establishment without pay for at least one-third of the normal working period.

2.3 NATIONAL SERVICE PERSONS

2.4 TOTAL (sum of 2.1; 2.2 and 2.3)

PAY PERIOD NEAREST TO 30TH JUNE, 2013		
TOTAL	MALE	FEMALE
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////
////////////////////	////////////////////	////////////////////

3. **WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR**

State all payments, whether in cash or in kind, to employees for work done during the 2013 financial year. In kind refers to the estimated net cost to the employer of those goods and services furnished to employee free of charge or at markedly reduced cost.

ALL CASH PAYMENTS

- INCLUDE* Wages and salaries, other cash payments, e.g. bonuses and cost of living allowance.
- INCLUDE* Wages paid during vacation, sick leave and study leave with pay
- INCLUDE* Contribution payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

- INCLUDE* Estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like.

TYPE OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
3.1 All Cash Payment	
3.2 Goods and Services paid in kind	
3.3 TOTAL	

4. **SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013 FINANCIAL YEAR**

- INCLUDE* Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others	
4.3 TOTAL	

SECTION 3: STOCKS

5. **STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR**

INCLUDE the value of all stocks held at the establishment itself or in ancillary locations such as warehouses

INCLUDE goods owned by this establishment but held by others.

EXCLUDE goods owned by others but held by this establishment.

VALUATION should be at book value.

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 2013 1	AT END OF FINANCIAL YEAR 2013 2
5.1 Consumables and supplies		
5.2 Goods purchased for resale		
5.3 Other (Specify)		
5.4 TOTAL (sum of 5.1 to 5.3)		

SECTION 4: FIXED CAPITAL FORMATION

6. **VALUE OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR**

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of new fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS) 1	FIXED ASSETS PURCHASED IN 2013 2	VALUE OF SALES OF FIXED ASSETS (GH CEDIS) 3	DEPRECIATION (GH CEDIS) 4	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS) 5
6.1 Land (undeveloped land)				//////////////////// ////////////////////	
6.2 Residential Buildings					
6.3 Non-Residential Building					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except for transport & electricity)					
6.6 Generation set & Plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures & office equipment					
6.9 ICT equipment					
6.10 Research & development					
6.11 Computer software					
6.12 Entertainment, Literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other (Specify)					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7.1 REPORTING PERIOD IN 2013 (TIME PERIOD)

For the period 2013, what is the easiest **time period** for you to use in reporting the cost of inputs and the value of your establishment's outputs.

1 year 6 months 1 month 2 weeks 1 week other (specify)

7.2 **QUANTITY AND COST OF PRINCIPAL MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR**

Complete a separate line for each material purchased. Enter balance of purchases in line 7.10 columns 5, 6 and 7 add total value in line 7.11 columns 5, 6 and 7.

INCLUDE all raw materials, fabricated parts and components, etc. received during the 2013 financial year.

INCLUDE materials and components used in the account production of fixed assets or used by other establishments in making product for this establishment under contract.

INCLUDE fuel that enter the product directly or are used to generate electricity.

EXCLUDE deductible Value Added Tax (VAT)

VALUATION should be in purchaser' prices (defined in question 5)

Materials of DOMESTIC ORIGIN include all materials produced in Ghana. Materials of FOREIGN ORIGIN include all materials imported into Ghana (i.e. produced in a foreign country) irrespective of whether they were purchased in Ghana or not.

DESCRIPTION OF MATERIAL	FOR OFFICE USE	UNIT OF MEASURE	MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR					
			TOTAL QUANTITY	AVERAGE UNIT PRICE		TOTAL DELIVERY COST (GH CEDIS)	ORIGIN OF MATERIALS	
				4	p		DOMESTIC	IMPORTED
							(GH CEDIS)	(GH CEDIS)
1	2	3	GH CEDIS		5	6	7	
7.2.1								
7.2.2								
7.2.3								
7.2.4								
7.2.5								
7.2.6								
7.2.7								
7.2.8								
7.2.9								
7.2.10 All other materials purchased not listed individually above.	////////////////	////////////////	////////////////	////////////////	////////////////			
7.2.11 TOTAL (sum of 7.2.1 to 7.2.10)	////////////////	////////////////	////////////////	////////////////	////////////////			

8. **FUEL PURCHASED DURING THE 2013 FINANCIAL YEAR**

State in delivery cost (purchaser's price).

INCLUDE fuel for transport and machines (as well as fuel used to generate electricity).

EXCLUDE (a) fuel produced and consumed in the same establishment.

(b) fuel purchased as raw materials to enter into the products of the establishment.

TYPE OF FUEL	FOR OFFICE USE	UNIT OF MEASURE	QUANTITY	DELIVERY COST (GH CEDIS)
	1	2	3	4
8.1 Diesel for generating electricity				
8.2 Diesel for transport equipment and other machines				
8.3 Petrol for generating electricity				
8.4 Petrol for transport equipment and other machines				
8.5 Wood				
8.6 Gas (L.P.G) for generating electricity				
8.7 Gas (L.P.G) for transport equipment's and other machines				
8.8 Charcoal				
8.9 Other (specify)				
8.10 Total (sum of 8.1 to 8.9)	//////////////////// //////////////////// ////////////////////	//////////////////// //////////////////// ////////////////////	//////////////////// //////////////////// ////////////////////	

9. **PURCHASES DURING THE 2013 FINANCIAL YEAR.**

VALUATION should be in purchasers' prices (define in question 5).

TYPE OF COST	DELIVERY COST (GH CEDIS)
9.1 Purchase of raw materials, supplies, etc. purchased (same as 7.11 col. 5).	
9.2 Purchase of fuel. (same as 8.10 col. 4)	
9.3 Purchase of electricity	
9.4 Purchase of water	
9.5 Purchase of goods for resale	
9.6 Other (Specify)	
9.7 TOTAL (sum of 9.1 to 9.6)	

10. **OTHER OPERATING COST DURING THE 2013 FINANCIAL YEAR.**

Enter the following types of individual costs. This includes:

Labour costs not included in compensation of employees, purchases of provision and supplies for sale in employee facilities. Amount paid for storage or warehousing.

EXCLUDE Purchase of land and other capital goods, bad debts, depreciation and outright purchase of patent and licenses.

DESCRIPTION OF OTHER COST	COST (GH CEDIS)
10.1 Laundry and cleaning services	
10.2 Music and other entertainment expenses	
10.3 Repairs and maintenance paid for on vehicles, buildings etc. to outside firms	
10.4 Cartage and haulage expenses paid	
10.5 Travel expenses (e.g. management, personal etc.)	
10.6 Value of contract and commission work paid	
10.7 Audit, accounting and legal fee	
10.8 Security services paid to other firms	
10.9 Staff training (when done by another establishment)	
10.10 Services of employment agencies	
10.11 Advertising and promotion etc.	
10.12 Bank charges	
10.13 Telephone, telecommunication, and Internet	
10.14 Postage	
10.15 Tax (e.g. Property Tax)	
10.16 Office stationery and supplies	
10.17 Management and consultation fee	
10.18 Rent paid for hiring of furniture, building, plant and machinery, land etc.	
10.19 Interest paid	
10.20 Dividend paid	
10.21 Royalty paid	
10.22 Business licenses, rates on property paid to central or local government etc.	
10.23 Insurance paid	
10.24 Exchange rate losses (losses due to currency depreciation)	
10.25 Loss on sale of fixed assets	
10.26 Payment for hotel organized activities and tours	
10.27 Other (Specify).....	
10.28 GRAND TOTAL	

SECTION 6 REVENUE

11.1: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN HEALTH DELIVERY ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
11.1.1 Medical services paid in cash (both in and out patients) This includes the following medical services. <ul style="list-style-type: none">✓ <i>Surgical services</i>✓ <i>General and specialized consultation</i>✓ <i>Dental services</i>✓ <i>Physiotherapeutic services</i>✓ <i>Childbirth and related service</i>✓ <i>Medical laboratory service</i>✓ <i>Diagnostic-imaging services (x-ray)</i>✓ <i>Nursing services</i>✓ <i>Ambulance services</i>✓ <i>Room/bed charges, etc.</i>	
11.1.2 Medical services for NHIS patients (both in and out patients) This includes the following medical services. <ul style="list-style-type: none">✓ <i>Surgical services</i>✓ <i>General and specialized consultation</i>✓ <i>Dental services</i>✓ <i>Physiotherapeutic services</i>✓ <i>Childbirth and related service</i>✓ <i>Medical laboratory service</i>✓ <i>Diagnostic-imaging services (x-ray)</i>✓ <i>Nursing services</i>✓ <i>Ambulance services</i>✓ <i>Room/bed charges, etc.</i>	
11.1.3 Sale of pharmaceuticals and other medical supplies	
11.1.4 Donations	
11.1.5 Government grants and subsidies	
11.1.6 Other (Specify)	
11.1.7 TOTAL	

11.2: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN SOCIAL WORK ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
11.2.1 Donations	
11.2.2 User Fees (including boarding, lodging, etc.)	
11.2.3 Fundraising	
11.2.4 Feeding fees	
11.2.5 Government grants and subsidies	
11.2.6 Other (Specify)	
11.2.7 TOTAL	

11.3: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN EDUCATION ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
11.3.1 Tuition fees	
11.3.2 User Fees (including boarding, lodging, etc.)	
11.3.3 Feeding fees	
11.3.4 P.T.A dues	
11.3.5 Sale of books and other educational material including uniforms/sports wears	
11.3.6 Government grants and subsidies	
11.3.7 Donations received	
11.3.8 Other (Specify)	
11.3.9 TOTAL	

11.4: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN PROFESSIONAL, SCIENTIFIC, AND TECHNICAL ACTIVITIES

INCOME FROM:	VALUE (GH CEDIS)
11.4.1 Legal activities	
11.4.2 Accounting, bookkeeping and auditing activities, tax consultancy :	
11.4.3 Activities of head offices	
11.4.4 Management consultancy activities	
11.4.5 Architectural and engineering activities and related technical consultancy	
11.4.6 Technical testing and analysis	
11.4.7 Research and experimental development in natural sciences and engineering	
11.4.8 Research and experimental development in natural sciences and humanities	
11.4.9 Advertising	
11.4.10 Market research and public opinion polling.	
11.4.11 Specialized design activities	
11.4.12 Photographic activities	
11.4.13 Other professional scientific and technical activities	
11.4.14 Veterinary activities	
11.4.15 Other (Specify)	
11.4.16 TOTAL	

11.5: TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN BANKING ACTIVITIES

INCOME	VALUE (GH CEDIS)
BANKING SERVICES	
11.5.1 Interest income	
11.5.2 Financial service charges received	
11.5.3 Other service charges	
11.5.4 Sale of banking products	
11.5.5 Operating subsidies	
11.5.6 Commission and fees received	
11.5.7 Dividend received	
11.5.8 Gains on dealing assets (bonds, etc.)	
11.5.9 Revenue from rental or lease of office space or other real estate	
11.5.10 Other (Specify)	
11.5.11 TOTAL	

11.6 TO BE COMPLETED BY ESTABLISHMENT ENGAGED IN FINANCIAL AND INSURANCE ACTIVITIES

INSURANCE AND PENSION SERVICES	VALUE (GH CEDIS)
11.6.1 Sale of insurance products (premium)	
11.6.2 Revenue from rental or lease of office space or other real estate	
11.6.3 Investment Income	
11.6.4 Underwriting Income	
11.6.5 Operating subsidies	
11.6.6 Commission and fees received	
11.6.7 Re-insurance	
11.6.8 Actual pension contribution received (Fund management firms)	
11.6.9 Charge in actuarial services	
11.6.10 Other (Specify)	
11.6.11 TOTAL	

12.1 OTHER INCOME

INCOME FROM:	VALUE (GH CEDIS)
12.1.1 Capital transfer received	
12.1.2 Value of goods sold in the same condition as purchased	
12.1.3 Rent received for the hire/lease of building, plant and machinery and furniture, land, etc.	
12.1.4 Insurance claims received:	
12.1.5 Subsidies and grants received from	////////////////////////////////////
(a) Within Ghana	
(b) Overseas	
12.1.6 Income from:	////////////////////////////////////
(a) Interest received	
(b) Dividend received	
(c) Royalties, copyrights etc.,	
12.1.7 Profit or loss received from any other business in which you have an investment interest	
12.1.8 Bad and doubtful debts recovered	
12.1.9 Exchange gain (due to appreciation of currency)	
12.1.10 Gain on sale of fixed assets	
12.1.11 Other (specify).....	
12.1.12 TOTAL	

SECTION 7: INTERVIEWER'S REVIEW

The interviewer will review the form for the completeness and accuracy in the following section before you complete the certification.

f. **COMPLETENESS CHECKS**

Mark (X) in the box that applies

Have the following questions been completed?

Question	Yes	No
1.3		
1.6		
2.4		
3.3		
4.3		
5.4		
6.15		
7.2.11 col 6		
8.10 col 4		

Question	Yes	No
9.7		
10.28		
11.1.7		
11.2.7		
11.3.9		
11.4.16		
11.5.11		
11.6.11		
2.1.12		

**If NO explain in "Remarks"*

REMARKS

.....

.....



Republic of Ghana

8

GHANA STATISTICAL SERVICE

P.O. BOX GP1098

ACCRA

INTEGRATED BUSINESS ESTABLISHMENT SURVEY (IBES) 2015

WHOLESALE AND RETAIL TRADE SERVICE; REPAIR OF MOTOR VEHICLES AND MOTOR CYCLES ACTIVITIES

**(CALENDAR YEAR 2013 OR FINANCIAL YEAR INCLUDING AT LEAST SIX MONTHS OF
2013)**

GENERAL INFORMATION

This questionnaire is for Wholesale and Retail Trade Service; Repair of Motor Vehicles and Motor Cycles Activities. A questionnaire must be completed for each establishment. An interviewer will visit each establishment and assist in completing the questionnaire. A copy of the questionnaire may be retained for the establishment's record.

If book figures are not available, carefully prepared estimates will be accepted.

INFORMATION SUPPLIED CONFIDENTIAL

All information supplied is confidential under the Statistical Service Law, P. N. D. C. Law 135. The information shall be used by Statistical Service in the preparation of statistics in accordance with the Statistical Service Law. The information provided shall not be used for the purpose of taxation.

In case of any further enquiries, please contact: 0244865832 / 0243267403 / 0244760080 / 0504833815

SECTION 1: IDENTIFICATION AND CLASSIFICATION INFORMATION

ESTABLISHMENT REFERENCE NUMBER

ENUMERATION ZONE NUMBER

--	--	--	--	--	--	--	--	--	--

--	--	--

1.1: NAME AND PHYSICAL LOCATION OF ESTABLISHMENT

1.1.57	NAME OF ESTABLISHMENT:
1.1.58	STREET NAME:
1.1.59	SUBURB/AREA:
1.1.60	EXACT LOCATION:

1.1.61	TOWN NAME:
1.1.62	DISTRICT NAME
1.1.63	REGION NAME:

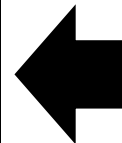


PLEASE
AMEND IF
INCORRECT

FOR OFFICE USE

1.2: OTHER INFORMATION

1.2.1:	POSTAL ADDRESS:										
1.2.2:	TELEPHONE NUMBER: <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										
1.2.3:	E-MAIL ADDRESS:										
1.2.4	FORM OF ORGANIZATION (e.g. Head Office, Subsidiary, Single establishment):										
1.2.5:	TYPE OF OWNERSHIP (Private, Public, PPP):										
1.2.6:	NATIONALITY OF OWNERSHIP:.....										
1.2.7	TYPE OF LEGAL ORGANIZATION (e.g. Limited Liability Co., Partnership etc.):										
1.2.8	NAME OF CONTACT PERSON:										
1.2.9	YEAR OF COMMENCEMENT OF BUSINESS										



PLEASE
AMEND IF
INCORRECT

1.5 TYPE OF RECORDS OF ACCOUNT KEPT BY ESTABLISHMENT

Does the establishment keep some form of record or accounts? Mark (X) in the box that applies

1

YES

2

NO (*Skip to 1.6*)

1.5.1 ACCOUNTING PERIOD

Please state the accounting period covered by this questionnaire.

From / / 20 to / / 20
(DD/MM/YY)

1.8 PRINCIPAL ACTIVITY

1.6.1: Describe establishment's principal activity during the 2013 financial year.

.....
.....

FOR OFFICE USE

--	--	--	--

1.6.2: Other activities during the 2013 financial year

1.6.2.1
1.6.2.2
1.6.2.3

FOR OFFICE USE

1.6.3 Is the principal activity the same for the 2014 financial year?

Mark (X) in the box that applies

1

YES

2

NO

If No, state the principal activity for the 2014 financial year

.....
.....
.....

FOR OFFICE USE

--	--	--	--

SECTION 2: EMPLOYMENT AND EARNINGS

2. PERSONS ENGAGED

State the number of person engaged in the following categories during the
Time period in blank boxes on the right

2.1 EMPLOYEES (2.1.1 + 2.1.2)

All persons working for and paid by the establishment.

INCLUDE Such person whether working full-time or part-time.

INCLUDE employees on sick leave, paid vacation and study leave with pay

2.1.1 PERMANENT WORKERS

2.1.2 TEMPORARY WORKERS

2.2 UNPAID WORKERS (sum of 2.2.1, 2.2.2 & 2.2.3)

2.2.1 WORKING PROPRIETOR AND ACTIVE BUSINESS PARTNER

Proprietors and partners who are actively engaged in the management of the establishment and are not paid a salary or wage. (Managers and directors of corporations working for pay should be reported with“employees”)

2.2.2 LEARNERS

INCLUDE All persons undergoing on the job training without pay,
Including unpaid apprentices.

2.2.3 CONTRIBUTING FAMILY WORKERS

Family members of any of the owners who work in the establishment without pay for at least one-third of the normal working period.

2.3 NATIONAL SERVICE PERSONS

2.4 TOTAL (sum of 2.1; 2.2 and 2.3)

PAY PERIOD NEAREST TO 30TH JUNE, 2013		
TOTAL	MALE	FEMALE
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////
////	////	////

3. WAGES AND SALARIES (CASH AND IN KIND) PAID TO EMPLOYEES DURING THE 2013 FINANCIAL YEAR

State all payments, whether in cash or in kind, to employees for work done during the 2013 financial year. In kind refers to the estimated net cost to the employer of those goods and services furnished to employee free of charge or at markedly reduced cost.

ALL CASH PAYMENTS

- INCLUDE* Wages and salaries, other cash payments, e.g. bonuses and cost of living allowance.
- INCLUDE* Wages paid during vacation, sick leave and study leave with pay
- INCLUDE* Contribution payable by the employees and deducted by the employer such as the Social Security and National Insurance Trust (SSNIT) contributions, taxes, group insurance premium and the like.

GOODS AND SERVICES PAID IN KIND

- INCLUDE* Estimated cost of subsidized housing, transport, medical care, free uniforms, goods and the like.

TYPE OF PAYMENTS	WAGES AND SALARIES
	ALL PAYMENTS IN CASH AND KIND (GH CEDIS)
3.1 All Cash Payment	
3.2 Goods and Services paid in kind	
3.3 TOTAL	

4. SUPPLEMENTS TO WAGES AND SALARIES DURING THE 2013

- INCLUDE* Employer's contribution on behalf of employees to the Social Security and National Insurance Trust (SSNIT), private pension plans, workmen's accident compensation plan and insurance premiums on hospital and medical schemes and the like.

(GH CEDIS)

4.1 Social Security	
4.2 Others (Specify)	

4.3 TOTAL	
------------------	--

SECTION 3: STOCKS

5. STOCKS OF THIS ESTABLISHMENT DURING THE 2013 FINANCIAL YEAR

INCLUDE the value of all stocks held at the establishment itself or in ancillary locations such as warehouses

INCLUDE goods owned by this establishment but held by others.

EXCLUDE goods owned by others but held by this establishment.

VALUATION should be at book value.

TYPE OF STOCK	VALUE OF STOCKS (GH CEDIS)	
	AT BEGINNING OF FINANCIAL YEAR 2013 1	AT END OF FINANCIAL YEAR 2013 2
5.1 Consumables and supplies		
5.2 Goods purchased for resale		
5.3 Other (Specify)		
5.4 TOTAL (sum of 5.1 to 5.3)		

SECTION 4: FIXED CAPITAL FORMATION

6. **ADDITIONS TO AND SALES OF FIXED ASSETS DURING THE 2013 FINANCIAL YEAR**

VALUE OF FIXED ASSETS AND DEPRECIATION ALLOWED DURING THE 2013 FINANCIAL YEAR

Enter the book value of fixed assets at the beginning of the financial year and depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 1)

INCLUDE the book value of fixed assets acquired by the establishment prior to the 2013 financial year.

FIXED ASSETS PURCHASED (Column 2)

INCLUDE the cost of new fixed assets acquired by the establishment during the 2013 financial year.

SALES OF FIXED ASSETS (Column 3)

INCLUDE the value of sale of fixed assets during the 2013 financial year.

DEPRECIATION OF FIXED ASSETS (Column 4)

INCLUDE depreciation allowed at current replacement cost of assets used up during the year through normal wear and tear, foreseen obsolescence and the normal rate of accidental damage.

BOOK VALUE OF FIXED ASSETS PURCHASED (Column 5)

INCLUDE the book value of fixed assets acquired by the establishment as at the end of 2013 financial year.

VALUATION Value at full cost incurred, that is at delivered cost plus the cost of installation including any fee and taxes but excluding financial costs.

ASSETS	BOOK VALUE AS AT THE BEGINNING OF FINANCIAL YEAR 2013 (GH CEDIS) 1	FIXED ASSETS PURCHASED IN 2013 2	VALUE OF SALES OF FIXED ASSETS (GH CEDIS) 3	DEPRECIATION (GH CEDIS) 4	BOOK VALUE AS AT THE END OF FINANCIAL YEAR 2013 (GH CEDIS) 5
6.1 Land (undeveloped land)				//////////////////// ////////////////////	
6.2 Residential Buildings					
6.3 Non-Residential Buildings					
6.4 Other construction and land improvements					
6.5 Machinery, plant and other equipment (except for transport & electricity)					
6.6 Generation set & Plant					
6.7 Transport and equipment					
6.8 Furniture, fixtures and office equipment					
6.9 ICT equipment					
6.10 Research and development					
6.11 Computer software					
6.12 Entertainment, Literary and artistic originals					
6.13 Other Intellectual Property product					
6.14 Other (Specify)					
6.15 TOTAL (sum of 6.1 to 6.14)					

SECTION 5: INPUT COSTS

7.1 REPORTING PERIOD IN 2013 (TIME PERIOD)

For the period 2013, what is the easiest **time period** for you to use in reporting the cost of inputs and the value of your establishment's outputs.

1 1 year 2 6 months 3 1 month 4 2 weeks 5 1 week 6 other (specify)

7.2 **QUANTITY AND COST OF PRINCIPAL MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR**

Complete a separate line for each material purchased. Enter balance of purchases in line 7.10 columns 5, 6 and 7 add total value in line 7.11 columns 5, 6 and 7.

INCLUDE all raw materials, fabricated parts and components, etc. received during the 2013 financial year.

INCLUDE materials and components used in the account production of fixed assets or used by other establishments in making product for this establishment under contract.

INCLUDE fuel that enter the product directly or are used to generate electricity.

EXCLUDE deductible Value Added Tax (VAT)

VALUATION should be in purchaser' prices (defined in question 5)

Materials of DOMESTIC ORIGIN include all materials produced in Ghana. Materials of FOREIGN ORIGIN include all materials imported into Ghana (i.e. produced in a foreign country) irrespective of whether they were purchased in Ghana or not.

DESCRIPTION OF MATERIAL	FOR OFFICE USE	UNIT OF MEASURE	MATERIALS PURCHASED DURING THE 2013 FINANCIAL YEAR						
			TOTAL QUANTITY	AVERAGE UNIT PRICE		TOTAL DELIVERY COST (GH CEDIS)	ORIGIN OF MATERIALS		
				4			DOMESTIC (GH CEDIS)	IMPORTED (GH CEDIS)	
				GH CEDIS	P				5
1	2	3							
7.2.1									
7.2.2									
7.2.3									
7.2.4									
7.2.5									
7.2.6									
7.2.7									
7.2.8									
7.2.9									
7.2.10 All other materials purchased not listed individually above.	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////				
7.2.11 TOTAL (sum of 7.2.1 to 7.2.10)	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////	////////// ////////// //////////				

8. **FUEL PURCHASED DURING THE 2013 FINANCIAL YEAR**

State in delivery cost (purchaser's price).

INCLUDE fuel for transport and machines (as well as fuel used to generate electricity).

EXCLUDE (a) fuel produced and consumed in the same establishment.

(b) fuel purchased as raw materials to enter into the products of the establishment.

TYPE OF FUEL	FOR OFFICE USE	UNIT OF MEASURE	QUANTITY	DELIVERY COST (GH CEDIS)
	1	2	3	4
8.1 Diesel for generating electricity				
8.2 Diesel for transport equipment and other machines				
8.3 Petrol for generating electricity				
8.4 Petrol for transport equipment and other machines				
8.5 Wood				
8.6 Gas (L.P.G) for generating electricity				
8.7 Gas (L.P.G) for transport equipment's and other machines				
8.8 Charcoal				
8.9 Other (specify)				
8.10 Total (sum of 8.1 to 8.9)	////////////////////	////////////////////	////////////////////	

9. **PURCHASES DURING THE 2013 FINANCIAL YEAR.**

VALUATION should be in purchasers' prices (define in question 5).

TYPE OF COST	DELIVERY COST (GH CEDIS)
9.1 Purchase of raw materials, supplies, etc. purchased (same as 7.11 col. 5).	
9.2 Purchase of fuel. (same as 8.7 col. 4)	
9.3 Purchase of electricity	
9.4 Purchase of water	
9.5 Purchase of goods for resale	
9.6 Other (Specify)	
9.7 TOTAL (sum of 9.1 to 9.6)	

10. **OTHER OPERATING COST DURING THE 2013 FINANCIAL YEAR.**

Enter the following types of individual costs. This includes:

Labour costs not included in compensation of employees, purchases of provision and supplies for sale in employee facilities. Amount paid for storage or warehousing.

EXCLUDE Purchase of land and other capital goods, bad debts, depreciation and outright purchase of patent and licenses.

DESCRIPTION OF OTHER COST	COST (GH CEDIS)
10.1 Laundry and cleaning services	
10.2 Music and other entertainment expenses	
10.3 Repairs and maintenance paid for on vehicles, buildings etc. to outside firms	
10.4 Cartage and haulage expenses paid	
10.5 Travel expenses (e.g. management, personal etc.)	
10.6 Value of contract and commission work paid	
10.7 Audit, accounting and legal fee	
10.8 Security services paid to other firms	
10.9 Staff training (when done by another establishment)	
10.10 Services of employment agencies	
10.11 Advertising and promotion etc.	
10.12 Bank charges	
10.13 Telephone, telecommunication, and Internet	
10.14 Postage	
10.15 Tax (e.g. Property Tax)	
10.16 Office stationery and supplies	
10.17 Management and consultation fee	
10.18 Rent paid for hiring of furniture, building, plant and machinery, land etc.	
10.19 Interest paid	
10.20 Dividend paid	
10.21 Royalty paid	
10.22 Business licenses, rates on property paid to central or local government etc.	
10.23 Insurance paid	
10.24 Exchange rate losses (losses due to currency depreciation)	
10.25 Loss on sale of fixed assets	
10.26 Payment for hotel organized activities and tours	
10.27 Other (Specify).....	
10.28 GRAND TOTAL	

SECTION 6: REVENUE

11.1 TO BE COMPLETED BY ESTABLISHMENT IN MAINTENANCE AND REPAIR OF MOTOR VEHICLE AND CYCLES ACTIVITIES

INCOME	VALUE (GH CEDIS)
11.1.1 Charges for maintenance and repairs of motor vehicle	
11.1.2 Charges for maintenance and repairs of motor cycles	
11.1.3 Other (Specify)	
11.1.4 TOTAL	

11.2a REVENUE FROM SALE OF GOODS PURCHASED WITHOUT BEING FURTHER PROCESSED

NAME OF INDIVIDUAL PRODUCTS FROM WHICH ESTABLISHMENT RECEIVED INCOME 1	FOR OFFICE USE 2	UNIT OF MEASURE 3	AVERAGE PRICE PER UNIT (GH. CEDIS) 4	QUANTITY SOLD NUMBER OF UNITS 5	TOTAL REVENUE (GH. CEDIS) 6
TOTAL					

11.2b REVENUE FROM SALE OF GOODS PURCHASED WITHOUT BEING FURTHER PROCESSED

NAME OF INDIVIDUAL PRODUCTS FROM WHICH ESTABLISHMENT RECEIVED INCOME	FOR OFFICE USE	UNIT OF MEASURE	AVERAGE PRICE PER UNIT (GH. CEDIS)	QUANTITY SOLD NUMBER OF UNITS	TOTAL REVENUE (GH. CEDIS)
1	2	3	4	5	6
TOTAL					

11.2c REVENUE FROM SALE OF GOODS PURCHASED WITHOUT BEING FURTHER PROCESSED

NAME OF INDIVIDUAL PRODUCTS FROM WHICH ESTABLISHMENT RECEIVED INCOME 1	FOR OFFICE USE 2	UNIT OF MEASURE 3	AVERAGE PRICE PER UNIT (GH. CEDIS) 4	QUANTITY SOLD NUMBER OF UNITS 5	TOTAL REVENUE (GH. CEDIS) 6
TOTAL					

11.2e REVENUE FROM SALE OF GOODS PURCHASED WITHOUT BEING FURTHER PROCESSED

NAME OF INDIVIDUAL PRODUCTS FROM WHICH ESTABLISHMENT RECEIVED INCOME 1	FOR OFFICE USE 2	UNIT OF MEASURE 3	AVERAGE PRICE PER UNIT (GH. CEDIS) 4	QUANTITY SOLD NUMBER OF UNITS 5	TOTAL REVENUE (GH. CEDIS) 6
TOTAL					

11.2g REVENUE FROM SALE OF GOODS PURCHASED WITHOUT BEING FURTHER PROCESSED

NAME OF INDIVIDUAL PRODUCTS FROM WHICH ESTABLISHMENT RECEIVED INCOME 1	FOR OFFICE USE 2	UNIT OF MEASURE 3	AVERAGE PRICE PER UNIT (GH. CEDIS) 4	QUANTITY SOLD NUMBER OF UNITS 5	TOTAL REVENUE (GH. CEDIS) 6
TOTAL					

12.1 OTHER INCOME

INCOME FROM:	VALUE (GH CEDIS)
12.1.1 Capital transfer received	
12.1.2 Value of goods sold in the same condition as purchased	
12.1.3 Rent received for the hire/lease of building, plant and machinery and furniture, land, etc.	
12.1.4 Insurance claims received:	
12.1.5 Subsidies and grants received from	////////////////////////////////////
(a) Within Ghana	
(b) Overseas	
12.1.6 Income from:	////////////////////////////////////
(a) Interest received	
(b) Dividend received	
(c) Royalties, copyrights etc.,	
12.1.7 Profit or loss received from any other business in which you have an investment interest	
12.1.8 Bad and doubtful debts recovered	
12.1.9 Exchange gain (due to appreciation of currency)	
12.1.10 Gain on sale of fixed assets	
12.1.11 All other income received (specify).....	
12.1.12 TOTAL	

SECTION 7: INTERVIEWER'S REVIEW

The interviewer will review the form for the completeness and accuracy in the following section before you complete the certification.

g. COMPLETENESS CHECKS

Mark (X) in the box that applies

Have the following questions been completed?

Question	Yes	No	Question	Yes	No
1.3			7.2.11 col 6		
1.6			8.10 col 4		
2.4			9.7		
3.3			10.28		
4.3			11.1.4		
5.4			12.12		
6.15					

**If NO explain in "Remarks"*

REMARKS

.....

.....