KNBS
KENYA NATIONAL BUREAU OF STATISTICS
Keeping you informed

THE 2018 INTEGRATED SURVEY OF SERVICES (ISS) REPORT

Foreword

The concept of evidence-based decision making has been embraced world over as good practice in management of public resources, governance and general transactions of government business. Similarly, the demand for data has grown considerably in recent times mainly owing to globalization and an enlightened society. This has consequently led to an upsurge in data enquiries that the Bureau receives on a day to day basis. Our role as the custodian of official statistics in the realization of the Big Four Agenda is already cut out in every step of implementation of the earmarked programmes. It is imperative that the Bureau positions itself to provide statistics that are necessary for implementation of the agenda.

Over the years, the Kenya National Bureau of Statistics has endeavoured to build a strong infrastructure for production of statistics that meet United Nations fundamental principles of quality statistics. This we have done through benchmarking with the best, capacity building and embracement of internationally acclaimed methodology and compilation practices. We take cognisance of the role bestowed on KNBS by the Constitution of Kenya, 2010 under the Fourth Schedule in terms of production of national statistics for planning among other purposes. It is with this reason that the Bureau will continuously update users with statistical information that meet their needs and always strive to meet the ever growing demand for statistics.

Kenya's economy is not static and is bound to undergo transformation over time. To integrate these changes, it is internationally recommended that measures of the size and other attributes of the economy are reviewed regularly. With this in mind, the Bureau developed a plan to revise and rebase the country's Gross Domestic Product (GDP). This process is ongoing and is expected to culminate in the release of revised and rebased estimates in the fourth quarter of 2019.

Implementation of the Integrated Survey of Services was an integral part of the revision as it is the main source of benchmark data for the service sectors. A summary of the survey results is presented in this report while detailed data have extensively been used in the ongoing process of revision of the national accounts. I invite you to read the report and hope that it gives you a better understanding of the service industries.

Peter Kiguta (MBS)
Chairman Board of Directors

Preface

Production of quality statistical information is at the core of informed policy formulation, implementation and evaluation of development programmes. International best practices require regular review of compilation methods that entails improvement of source data to facilitate sound measurement that accurately reflect the level and distribution of economic activities in a country. The last revised estimates of Kenya's GDP were disseminated in the fourth quarter of 2014 with a base year of 2009. Over time, as the GDP estimation moves further away from the base year, it is imperative that the compilation is reviewed with a view to integrating new data sources, adopt a new base year, capture emerging activities as well as minimize some of the assumptions in the current estimates.

I am pleased to present the results of the Integrated Survey of Services that provides insights on the service industries in Kenya. The survey is one of the key activities meant to provide new benchmark data for the service industry including the input structures for the development of a Supply and Use Table (SUT). It is an intermittent activity undertaken purposely as an input into the revision process. The services sector is synonymous with entrance of new industries and therefore the ISS was also meant to provide data that can facilitate inclusion of these activities in the estimation of the national cake. For instance, aspects such as mobile money transfers and gambling and betting activities were not very prominent during the last revision, but they have since become important parts of the economy. Determination of variables sought in the survey was informed by existing frameworks for compilation of national accounts statistics. The survey was designed to cover all service industries enterprises, though the sampling was to a great extent skewed towards large enterprises. A deliberate effort was made to ensure adequate coverage of enterprises that account for the bulk of the output at the industry level.

Implementation of a survey of this magnitude is always an arduous undertaking and requires a lot of efforts and coordination among the various actors to ensure that the ultimate goal of collecting quality information is achieved. Firstly, I wish to pass my gratitude to our data providers who took time to participate in the survey. I also take this opportunity to ask them to continue supporting statistical activities. Secondly, I would like to thank the KNBS team with the stewardship of the macroeconomic statistics directorate. I would particularly like to thank Collins Omondi, Benjamin Muchiri, Hiram Mbatia, James Abuga, Justin Ruto, Lensah Apondi, Benson Karugu and Paul Waweru for working diligently during the implementation of the survey and preparation of this report. The Bureau is grateful to Mrs. Pamela Audi, the IMF regional advisor on macroeconomic statistics for peer reviewing this report. Finally, KNBS is deeply indebted to the World Bank Group for the continued support in implementation of statistical activities through the Kenya Statistics Program for Results (KSP4R).

I hope you find the information contained in this report useful and give us feedback on how best your interests may be addressed by the outcome of the survey.

Zachary Mwangi
Director General

Executive Summary

The Integrated Survey of Services was designed to feed into the revision and rebasing of national accounts. Specifically, the survey was intended to capture information for business transactions/flows as provided in the System of National Accounts 2008, (SNA 2008). The variables sought during the survey included employment and earnings, revenue/sales, expenditure, investment in fixed assets and changes in inventories. Below are some of the key findings of the survey.

Overall, 42.9 per cent of the enterprises were engaged in distributive trade activities that comprise of Wholesale and Retail trade excluding retail sale of motor vehicles and motor cycles. Survey results showed that most of the enterprises (70.7 %) in the services sector are in the Micro-Enterprise category that employs a maximum of nine (9) employees. The lowest levels of average earnings (below KSh 200,000 per annum) were reported in activities of retail trade, services to buildings and landscaping activities and security and investigations activities. On the other hand, the survey findings showed that activities related to insurance and reinsurance and pension funding, telecommunications, information service activities and legal and accounting activities remunerated their employees better other activities.

From the findings, 77.2% of the enterprises in the service sector recorded an annual turnover of between KSh 1 million and KSh 50 million in 2015 and (75.1%) in 2016. The results further revealed that only 1.5 per cent and 1.7 per cent of enterprises in the service sector generated revenue in excess of KSh 500 million in 2015 and 2016, respectively. Enterprises that registered annual revenue of above KSh 500 million were majorly in air transport. On the other hand, 14.8 per cent of activities in services sector recorded a turnover of less than KSh 1 million in 2016.

Overall, almost half (45.0%) of enterprises incurred expenditure of KSh 1 million and above but below KSh 10 million in 2016. About 3.9 per cent of the enterprises spent KSh 50 million and above to fund items related to production of services. The proportion of enterprises with total expenditure in the range of KSh 0.5 to KSh 1.0 million was 19.2 per cent in 2016. Relatively high proportions of enterprises that incurred expenditures of over KSh100 million were reported in air transport and, betting and gambling activities at 34.7 per cent and 28.3 per cent, respectively, in 2016. On average, about 2 per cent of the enterprises spent KSh100 million and above, while slightly over a fifth of the enterprises reported expenditures of less than half a million shillings annually.

Survey results showed that 51.9 per cent and 45.8 per cent of enterprises in the service sector invested less than KSh 200,000 in fixed assets, respectively, in 2015 and 2016. Most of the enterprises that spent less KSh 200,000 were mainly in activities of activities of membership organisations (62.9%), real estate (63.5%),

financial service activities, except insurance and pension funding (89.9%) and distributive trade activities. Approximately 15.0 per cent of enterprises spent 5 million shillings and above in investment in fixed assets in 2016. About two thirds (65.6%) of the enterprises did not report any changes in inventories between 2015 and 2016. Changes in inventories of over one million shillings were mainly reported in publishing activities (29.9%), Information Service Activities (18.7%) and Repair of Computers and Personal and Household goods (37.5%).

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Chapter 1
Introduction

Background

The Integrated Survey of Services (ISS) 2016 was conducted with the objective of collecting requisite data for updating benchmarks for the service industries during the revision and rebasing of the national accounts that started in 2017. The survey was conducted under the auspices of the Kenya Programme for Results (P4R) which is a statistical capacity building initiative funded through a World Bank loan. The ISS collected data on financial performance for 2015 and 2016 for the service sector by industry and sector groups. The survey was mainly premised on collection of key economic variables that will enable the compilation of benchmarks for gross output, intermediate consumption, components of value added and investments during the revision and rebasing work. In general, the ISS data will provide the main accounting aggregates needed to construct the annual GDP and provide the starting point for economic and financial analysis.

1.2. The ongoing exercise is the seventh major revision and rebasing of the country's national accounts and generally aims at furthering the implementation of the 2008 System of National Accounts (2008 SNA) guidelines. The implementation is aimed at ensuring that the national accounts reflect the development of the economy in the best way possible. Specific objectives of the revision and rebasing exercise are to;

- Update the production structure of the economy;
- Update structural changes in relative prices of various products and;
- Incorporate product changes due to developments and innovations
- Develop Supply and Use Tables (SUT) for 2016 and use it as a framework for the revision process
- Change the base year from 2009 to 2016 and
- Revise the annual and quarterly national accounts statistics for the period 2006 to 2017
- Develop Symmetric Input-Output Tables and the Social Accounting Matrix (SAM) for Kenya for 2016

1.3. National accounts are a set of macroeconomic statistics which are key in understanding the workings of an economy and crucial for macroeconomic analysis and decision taking. They provide information on the economic transactions between different economic agents in an economy and also with the rest of the world and are used for international comparison. Frequent revision of national accounts is therefore an internationally recommended best practice that is undertaken in many countries. The revisions are primarily done so as to reflect structural changes in the economy, adopt new compilation methods, take advantage of emergence of new or improved data sources so as to ensure that the accounts remain relevant and accurate.

1.4. Rebasing of national accounts series means replacing the old base year, for constant price estimates, to a new and more recent base year. It is essentially done to ensure that the principal measure of economic growth yields good estimates over the medium term following the base year. It is desirable to periodically rebase, preferably within 5 years but not later than 10 years. In addition, changes on the demand side like consumption patterns, utilization and acquisition of capital goods are all also updated through such a process. Rebasing is used to account for these changes, so as to give a more current snapshot of the economy.

1.5. The revision and rebasing process involves use of a wide range of information from surveys, censuses and administrative records. An economy can broadly be categorized into three sectors; primary[1]; secondary[2]; and the services[3]. All the three sectors are included in the national accounts to ensure comprehensive coverage of economic activities in line with the System of National Accounts (SNA) guidelines. A breakdown of the service sectors that were the focus of the survey are given in Table 1. However, the survey did not collect data from Public Administration and Defense and Compulsory Social Security as this is largely a public sector whose data is available from administrative records.

[1] Agriculture, forestry and fishing

[2] Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities; and Construction

[3] 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; Public administration and defence; compulsory social security; Education; Human health and social al work activities; Arts, entertainment and recreation; and Other service activities

Table 1.1: Service Activities

ISIC rev.4		National Accounts Code	Description
G	451, 453, 454, 46, 47	G4700	Wholesale and retail trade
G	452	G4520	Maintenance and repair of motor vehicles
H	491	H4910	Transport via railways
H	4921, 4922	H4921	Passenger road transport
H	4923	H4923	Freight transport by road
H	493	H4930	Transport via pipeline
H	50	H5000	Water transport
H	51	H5100	Air transport
H	521	H5210	Warehousing and storage
H	5222	H5222	Service activities incidental to water transport
H	5223	H5223	Service activities incidental to air transport
H	5221, 5224, 5229	H5229	Cargo handling; other transportation support activities
H	531	H5310	Postal activities
H	532	H5320	Courier activities
I	55, 56	I5500	Accommodation and food service activities
J	58, 59, 60	J5800	Publishing, audiovisual and broadcasting activities; recording and publishing of music
J	61	J6100	Telecommunications
J	62-63	J6200	IT and other information service activities
K	6411	K6411	Central banking
K	6419	K6419	Other monetary intermediation
K	642, 643, 649	K6490	Other financial service activities
K	65	K6500	Insurance, reinsurance and pension funding
K	66	K6600	Activities auxiliary to financial service and insurance activities
L	68	L6800	Real estate activities
M	69-75	M6900	Professional, scientific and technical activities
N	77	N7700	Renting and leasing activities
N	79	N7900	Travel agency, tour operator, reservation service and related activities
N	78, 80, 81, 82	N8200	Other administrative and support service activities
O	84	O8400	Public administration and defense; compulsory social security
P	851, 8521	P8501	Primary and general secondary education
P	8522, 853	P8502	Specialized secondary education and tertiary education
P	854, 855	P8503	Other education
Q	86	Q8600	Human health activities
Q	87-88	Q8700	Social work activities
R	90-93	R9000	Arts, entertainment and recreation
S	94	S9400	Activities of membership organizations
S	95	S9500	Repair of computers and personal and household goods
S	96	S9600	Other personal service activities

1.6. In the strategic plan for 2013-17, KNBS spelt out how data on economic statistics will be collected for all the industries with a view of improving quality of official statistics. Data for the secondary sector was collected through the Census of Industrial Production (CIP) 2016 while ISS collected data for the services sector. The Census of Establishments (COE) also collected data that is useful for the revision though not as detailed as CIP and ISS. Plans are underway to collect data for the primary sector through the Census

of Commercial Farms and Greenhouses later in 2018. Data for the demand side of the GDP was collected through KIHBS 2015/16 while the rest will be gathered from various administrative. In addition, supplementary information to cover data gaps that may exist after conducting all the scheduled censuses, surveys and administrative records will be collected through special studies. Ultimately, the whole process is expected to lead to better estimates of revised national accounts statistics which are planned for release in 2019.

1.7. The survey was implemented between December 2017 and April 2018. Training of survey personnel was conducted in November/December 2017. To ensure that the requisite knowledge was well imparted on to Research Assistants (RAs), the training consisted of; class training; mock exercises; exams and field pre-test. In total, the data collection exercise was carried out by about 230 technical personnel consisting of 150 Research Assistants, 50 supervisors, and 15 coordinators, 12 technical coordinators/managers, 5 regional coordinators, 1 deputy national coordinator and 1 national coordinator. The workforce was put divided into teams (of 3 RAs and 1 supervisor each) while the coordinators were allocated a minimum of three teams to provide backstopping whenever need arose. The teams were distributed on basis of workload; for instance, counties with few establishments were clustered together and assigned to a team while big counties (e.g. Nairobi) were divided into zones and allocated to several teams due to high number of establishments.

1.8. The RAs for the ISS were recruited from the various counties through a competitive process; where they were required to apply for the posts through their county of residence. Then shortlisting was done at the county level and details submitted to the HR office. A panel, mainly composed of personnel from Macroeconomics Directorate and the HR Division selected the final list based on merit. Preliminary data analysis was initiated immediately after the field work and it is the basis of the tables found in this report. Further analysis including validation with other data sources is in progress with a view to compiling benchmarks for the service industry for the national accounts. The final estimates from the ISS data will be part of the revised and rebased national accounts that will be published by end of 2019.

Chapter 2

Survey Design and Methodology

Data Management

2.1. Data collection was based on Computer Assisted Personal Interviews (CAPI) where the survey questionnaire was administered by use of tablets. The first step was to programme the paper questionnaire using CSPRO and thereafter the tablets were configured and installed with the application that was used in the survey. The programme was piloted before commencement of the main survey. The research assistants transmitted the collected data to a server immediately the interview is finalised. The data committee, comprising of national accounts team and ICT personnel regularly reviewed the data received in the servers and advised the field teams accordingly. During the implementation of the survey, ICT personnel ensured there was adequate support for the data capture application. Upon completion of the survey, the data was consolidated and shared for cleaning.

Survey Instruments

2.2. The survey instruments consisted of the questionnaire, manuals and control forms. The questionnaire was divided into modules specific to each industry and administered through Computer Assisted Personal Interview (CAPI). The exact design for each module was largely dependent on the economic activity although the general design was the same. For instance, the specifications of income and expenditure items are expected to vary across various service industries. A list of different variants of the modules is showed in Table 2. The modules are named after the industry code (national accounts and ISIC rev. 4). Form G4700 is attached, as an example, to illustrate the overall content and layout of the modules. Evident in the example, the expenditure details are listed in alphabetical order. This was to ease the respondent's work given that detailed income statements are usually in the same format.

Scope and Coverage

2.3. The survey targeted enterprises in the formal sector that engage in service activities in all 47 counties. These included those in the following sectors of the economy:

- 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
- Other service activities

- Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use

2.4. Enterprises in the Public administration and defence; compulsory social security and Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use were excluded from the survey

Sampling Frame

2.5. The survey used the existing Statistical Business Register (SBR) referred to as the KNBS master file to generate establishments that engage in service activities either as the main activity or secondary activity. The register was recently updated using information from the 2017 Census of Establishment(COE) data and information obtained from other administrative sources. The frame was therefore deemed to sufficiently cover the entire service industry since the ISS was meant to capture economic variables for formal enterprises. The frame was also updated with the relevant variables since the sampling was done on the basis of employment and turnover variables. All the enterprises that had missing values in the key variables but were defined as either large or medium sized we were selected with a probability of one (1).

Survey design

2.6. Ideally, enumeration of all firms in the services sectors gives a better estimate of the sectors' performance. However, due to cost and time constraints, it was not practical to conduct a census and therefore a sample was drawn to represent service activities. To cope with the heterogeneity of the enterprises within the service sector, stratified sampling and simple random sampling were used. All the enterprises were grouped into four categories based on employment levels. Those with 1 to 9 employees as micro enterprises, with 10 to 49 employees as small enterprises, 50 to 99 employees to form the medium enterprises and large enterprises as those with 100 employees and above. Then within each of the four employment strata, the enterprises were further stratified by the economic activity at ISIC division level. Then enterprises within each economic activity substrata were grouped into large, medium and small based on their turnovers from which a sample was to be drawn.

Determination of the Sample

2.7. Determination of the sample size the following key variables/aspects were considered:

- The precision of the sample in making inferences about the population
- Target population
- Response rate
- Cost of collecting the data

To draw a representative sample of the total population, a sample for each sub-substratum was determined using a sampling formula (Neyman allocation) and all the samples drawn aggregated to obtain the overall sample.

Sample Distribution

2.8. The sample was proportionate to the population within the economic activity strata, the strata with the highest number of firms had the highest number of units sampled. Moreover, the inclusion probability was proportional to the turnover in such a way that firms with the highest turnover had the highest chance of being sampled compared to firms with less turnover.

2.9. The ISS was a stratified sample defined by size of turnover and employment. Each industry had a full coverage stratum made up of large units with significant economic activity within their industry group. The remaining stratum had a sample of medium size units, which was weighted to represent non-sampled units. For instance, a unit may have a weight of five, meaning it represents itself and four other businesses. Smaller units had less chance of being selected, and consequently when selected had larger weights representing more units.

Drawing the Sample

2.10. The categories with the highest number of firms had the highest number of units sampled. Moreover, the inclusion probability was proportional to the size of the turnover to ensure that firms with relatively high turnover were selected with a probability of one. Every unit in the business register was given a random number which was used in the determination of the sample. The random numbers were allocated at the enterprise level. Firms with high turnover were sampled with certainty, meaning for a particular threshold for turnover all the firms were included in the sample. This was informed by the focus of the survey which was largely to measure the magnitudes and not necessary representation to facilitate development of suitable benchmarks for the various activities.

Non-Response

2.11. For variable non-response, values were imputed from the census of establishments dataset and other administrative sources. For the non-responding firms, the sample weights were readjusted for non-response, although part of the problem with non-response had been mitigated through over sampling.

Chapter 3

Survey Findings

This chapter provides the key findings of the 2018 Integrated Survey of Services (ISS). The chapter is sub-divided into several sections namely; Turnover including other Incomes received by enterprises from non-productive activities such as dividends, donations, interest etc; Expenditure; Employment and Earnings; Inventories; Gross capital formation; and Stock of fixed assets. The results are presented by size of the enterprises based on the number of employees using the International Standard Industrial Classification of All Economic Activities (ISIC Rev.4). Proportions, averages for key economic variables, and graphical illustrations were also used to present the findings of the survey. Detailed data emanating from the ISS survey will be used to provide benchmarks in the ongoing revision and rebasing of national accounts.

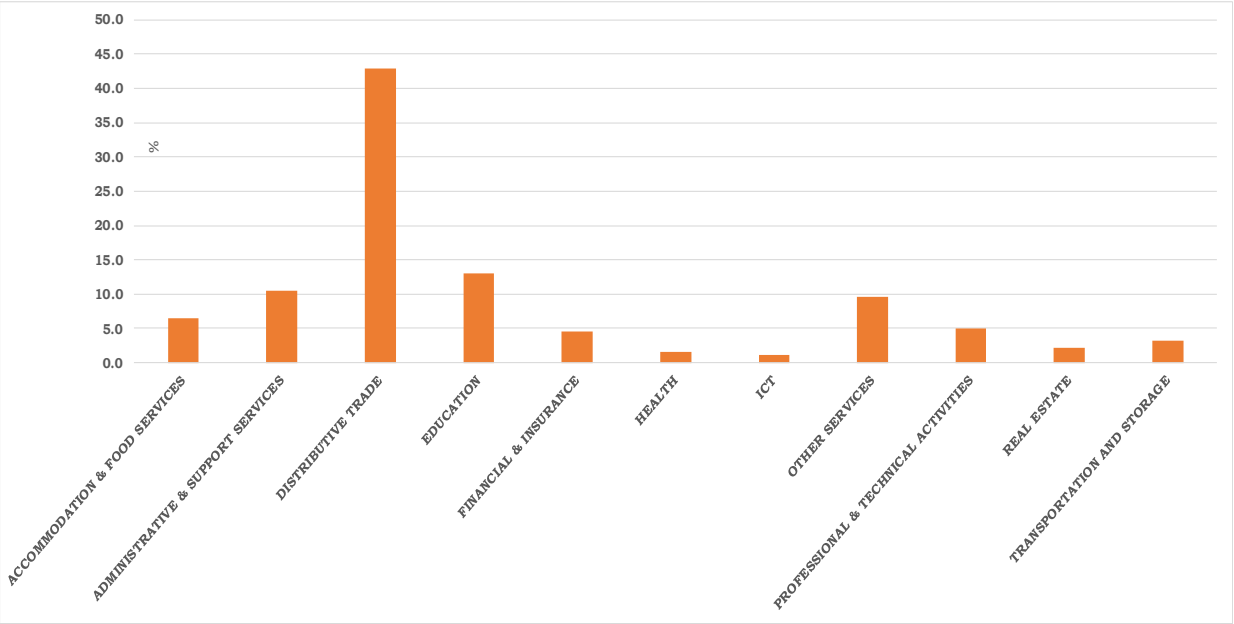
Enterprises in Service Industries

3.1 Table 3.1 shows the proportion of enterprises that were involved in the Integrated Survey of Services 2016 and their economic activity. Overall, 42.9 per cent of the enterprises were engaged in distributive trade activities that comprise of Wholesale and Retail trade including retail sale of motor vehicles and motor cycles. Enterprises engaged in Retail trade accounted for the largest share (36.6%), followed by those involved in Education activities (13.0%). Other activities that had significant representation in the survey include Wholesale trade, except that of motor vehicles and motorcycles (3.7%); Food and beverage service activities (4.7%); and Financial service activities, except insurance and pension funding (2.6%); other personal services (7.7%).

Table 3.1: Proportion of Enterprises in Service Industries by Economic Activity

Economic Activity	Total	%
Total	96,444	100.0
45 - Wholesale and retail trade and repair of motor vehicles a	2,513	2.6
46 - Wholesale trade, except of motor vehicles and	3,542	3.7
47 - Retail trade, except of motor vehicles and motorcycles	35,291	36.6
49 - Land transport and transport via pipelines	1,456	1.5
50 - Water transport	69	0.1
51 - Air transport	262	0.3
52 - Warehousing and support activities for transportation	1,059	1.1
53 - Postal and courier activities	192	0.2
55 - Accommodation	1,710	1.8
56 - Food and beverage service activities	4,546	4.7
58 - Publishing activities	104	0.1
59 - Motion picture, video and television programme	50	0.1
60 - Programming and broadcasting activities	49	0.1
61 - Telecommunications	436	0.5
62 - Computer programming, consultancy and related	292	0.3
63 - Information service activities	99	0.1
64 - Financial service activities, except insurance and	2,503	2.6
65 - Insurance, reinsurance and pension funding, except	323	0.3
66 - Activities auxiliary to financial service and insurance	1,617	1.7
68 - Real estate activities	2,058	2.1
69 - Legal and accounting activities	237	0.2
70 - Activities of head offices; management consultancy	318	0.3
71 - Architectural and engineering activities; technical testing	1,156	1.2
72 - Scientific research and development	87	0.1
73 - Advertising and market research	233	0.2
74 - Other professional, scientific and technical activities	2,784	2.9
75 - Veterinary activities	5	0.0
77 - Rental and leasing activities	144	0.1
78 - Employment activities	63	0.1
79 - Travel agency, tour operator, reservation service and	7,787	8.1
80 - Security and investigation activities	299	0.3
81 - Services to buildings and landscape activities	107	0.1
82 - Office administrative, office support and other business	1,699	1.8
85 - Education	12,499	13.0
86 - Human health activities	899	0.9
87 - Residential care activities	92	0.1
88 - Social work activities without accommodation	537	0.6
90 - Creative, arts and entertainment activities	54	0.1
91 - Libraries, archives, museums and other cultural	29	0.0
92 - Gambling and betting activities	28	0.0
93 - Sports activities and amusement and recreation	807	0.8
94 - Activities of membership organizations	962	1.0
95 - Repair of computers and personal and household goods	45	0.0
96 - Other personal service activities	7,403	7.7

Figure 3.1: Distribution of Enterprises by Sector



Revenue/Turnover

3.2 Revenue refers to the income generated from sale of products (goods or services), or from capital or assets, associated with the main operations of an organization before any costs or expenses are deducted. Annual turnover was one of the key variables collected in the Integrated Survey of Services. Turnover is used extensively in the derivation of the gross output that in turn feeds in the compilation of Gross Domestic Product (GDP) using the production approach.

3.3 Tables 3.5a and 3.5b present the proportion of enterprises' annual revenue generated by economic activity in 2015 and 2016, respectively. From the findings, 77.2% of the enterprises in the service sector recorded an annual turnover of between KSh 1 million and KSh 50 million in 2015 and 75.1% in 2016. The results further revealed that only 1.5 per cent and 1.7 per cent of enterprises in the service sector generated revenue in excess of KSh 500 million in 2015 and 2016, respectively. Enterprises that registered annual revenue of above KSh 500 million were majorly (33.0%) in air transport in 2015 and 2016.

3.4 On the other hand, 14.8 per cent of activities in services sector recorded a turnover of less than KSh 1 million in 2016. In total, over 50 per cent of the enterprises generated revenue of between KSh 1 million and KSh 10 million in 2015 and 2016. The largest proportion of enterprises with the lowest annual turnover were in activities of Education, Scientific research, Membership organizations, Veterinary services and Other personal services. Survey findings further showed that enterprises involved in information and communication activities such as publishing, Motion picture, video and

television programme production, Sound recording, Programming and broadcasting activities, Telecommunications that generated revenue below KSh 1 million were relatively fewer compared to other industries.

Figure 3.2: Average of Proportion of Enterprises with Turnover of Over 100 Million

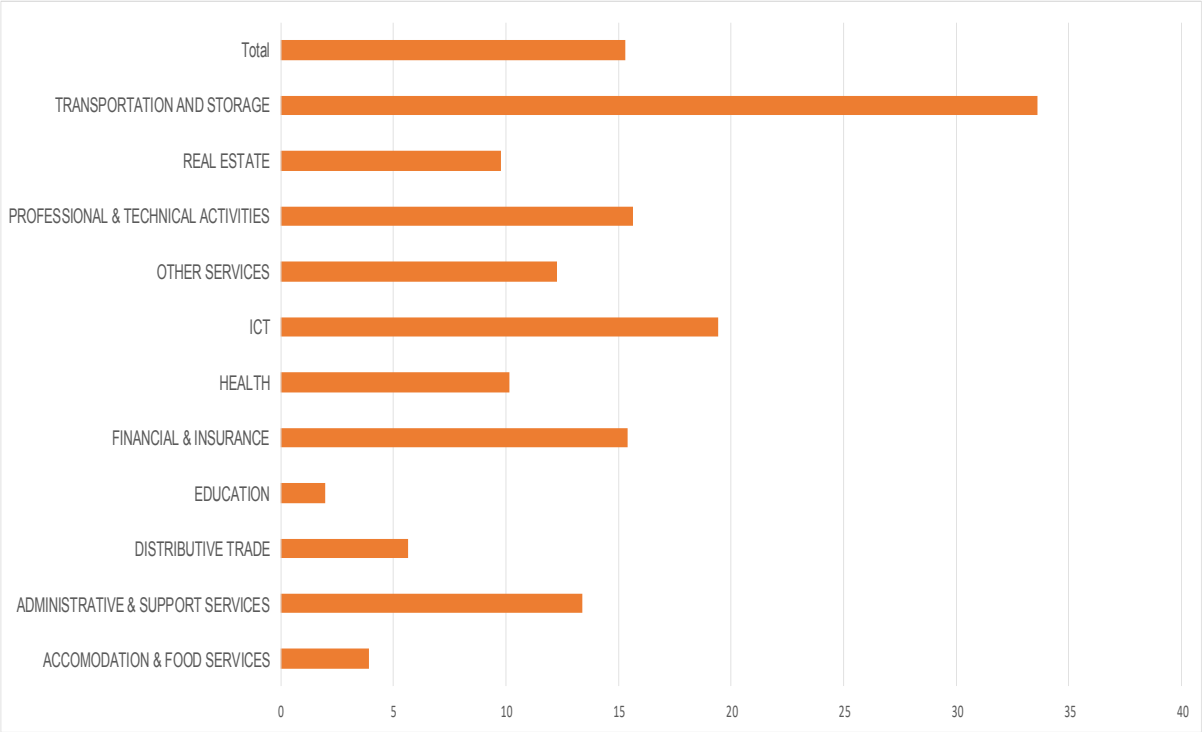


Table 3.2a: Proportion of Enterprises by Revenue and Economic Activity, 2015

Economic Activity	Revenue						Total	
	<1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,\000	100,000,001-500,000,000	>500,000,000		
Total	13.0	54.6	22.6	5.2	3.0	1.5	86,898	100
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	10.1	41.7	40.0	4.1	2.8	1.3	2,506	100
46 - Wholesale trade, except of motor vehicles and motorcycles	7.9	29.3	39.8	13.0	6.0	4.1	3,525	100
47 - Retail trade, except of motor vehicles and motorcycles	10.9	65.0	17.6	5.3	0.8	0.3	35,222	100
49 - Land transport and transport via pipelines	4.1	24.2	38.5	11.1	15.1	6.9	1,447	100
50 - Water transport	10.6	22.9	17.8	11.7	12.3	24.8	69	100
51 - Air transport	0.0	7.7	17.0	13.3	30.7	31.4	262	100
52 - Warehousing and support activities for transportation	2.5	13.5	39.1	11.1	26.3	7.5	1,059	100
53 - Postal and courier activities	22.4	33.5	22.5	13.7	4.5	3.4	192	100
55 - Accommodation	3.0	69.7	20.0	3.0	3.5	0.8	1,680	100
56 - Food and beverage service activities	15.2	57.1	24.2	1.0	1.5	0.9	4,500	100
58 - Publishing activities	4.1	26.2	46.1	9.4	10.4	3.8	104	100
59 - Motion picture, video and television programme production, sound recording and music publishing activities	6.6	33.5	57.9	0.0	2.0	0.0	50	100
60 - Programming and broadcasting activities	0.0	17.9	63.0	2.1	0.0	17.0	48	100
61 - Telecommunications	3.6	10.6	11.9	55.6	13.3	4.9	435	100
62 - Computer programming, consultancy and related activities	2.9	24.2	43.0	7.3	18.2	4.4	291	100
63 - Information service activities	2.0	21.8	45.8	0.0	25.3	5.1	99	100
64 - Financial service activities, except insurance and pension funding	6.3	52.8	30.7	2.8	4.4	3.0	2,494	100
65 - Insurance, reinsurance and pension funding, except compulsory social security	4.5	18.4	35.0	12.5	11.9	17.7	322	100
66 - Activities auxiliary to financial service and insurance activities	0.9	85.5	7.4	2.1	3.4	0.9	1,617	100
68 - Real estate activities	2.7	15.9	65.6	7.4	7.3	1.1	2,051	100
69 - Legal and accounting activities	0.0	16.3	52.1	9.0	6.3	16.3	237	100
70 - Activities of head offices; management consultancy activities	4.4	24.0	34.3	14.9	15.7	6.6	313	100
71 - Architectural and engineering activities; technical testing and analysis	1.0	81.7	8.9	2.3	4.2	1.9	1,156	100
72 - Scientific research and development	9.0	2.6	60.8	9.2	18.4	0.0	87	100
73 - Advertising and market research	3.2	19.9	28.4	14.7	29.7	4.2	233	100
74 - Other professional, scientific and technical activities	1.7	70.9	14.8	9.1	2.6	0.8	2,772	100
75 - Veterinary activities	18.9	18.9	62.2	0.0	0.0	0.0	5	100
77 - Rental and leasing activities	3.2	21.2	59.4	7.2	9.0	0.0	144	100
78 - Employment activities	0.0	16.4	63.0	0.0	13.8	6.8	63	100
79 - Travel agency, tour operator, reservation service and related activities	38.5	42.1	7.2	4.2	6.5	1.5	1,764	100
80 - Security and investigation activities	9.2	16.0	38.4	14.2	16.5	5.6	293	100
81 - Services to buildings and landscape activities	5.9	31.9	39.6	10.3	7.4	4.9	107	100
82 - Office administrative, office support and other business support activities	4.3	30.8	43.2	17.6	4.2	0.0	204	100
85 - Education	26.8	54.2	15.5	1.4	1.0	1.1	12,251	100
86 - Human health activities	1.5	32.5	36.0	14.5	7.5	8.1	891	100
87 - Residential care activities	2.3	26.8	66.5	3.4	1.1	0.0	92	100
88 - Social work activities without accommodation	8.9	34.3	39.9	8.5	3.0	5.4	530	100
90 - Creative, arts and entertainment activities	0.0	48.1	34.6	7.6	4.5	5.3	54	100
91 - Libraries, archives, museums and other cultural activities	0.0	96.6	0.0	0.0	3.4	0.0	29	100
92 - Gambling and betting activities	0.0	0.0	32.2	41.4	26.5	0.0	28	100
93 - Sports activities and amusement and recreation activities	1.8	89.1	6.5	2.7	0.0	0.0	807	100
94 - Activities of membership organizations	9.6	40.3	20.7	10.8	8.8	9.7	959	100
95 - Repair of computers and personal and household goods	9.5	0.0	58.5	18.1	13.9	0.0	45	100
96 - Other personal service activities	26.0	43.3	29.3	0.7	0.7	.0	5,862	100

Table 3.2b: Proportion of Enterprises by Revenue and Economic Activity, 2016

Economic Activity	Revenue						Total	
	<1000000	1000001-10000000	10000001-50000000	50000001-100000000	100000001-500000000	>500000000		
Total	14.8	52.4	22.6	5.4	3.1	1.7	90,329	100
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	9.6	41.4	39.3	5.0	3.3	1.4	2,512	100
46 - Wholesale trade, except of motor vehicles and motorcycles	2.0	33.4	39.3	14.5	6.5	4.4	3,540	100
47 - Retail trade, except of motor vehicles and motorcycles	10.1	63.6	19.0	5.9	1.0	0.4	35,270	100
49 - Land transport and transport via pipelines	2.9	22.6	39.5	12.1	15.9	7.0	1,456	100
50 - Water transport	10.6	10.6	30.1	11.7	12.3	24.8	69	100
51 - Air transport	0.0	7.7	19.2	8.9	31.2	33.0	262	100
52 - Warehousing and support activities for transportation	2.5	13.5	34.8	16.7	24.6	7.9	1,059	100
53 - Postal and courier activities	22.4	24.5	28.0	13.7	7.9	3.4	192	100
55 - Accommodation	3.7	66.8	21.4	2.4	4.4	1.4	1,706	100
56 - Food and beverage service activities	6.5	71.8	18.3	1.4	1.3	0.8	4,540	100
58 - Publishing activities	5.1	19.9	50.5	2.9	17.8	3.8	104	100
59 - Motion picture, video and television programme production, sound recording and music publishing activities	2.0	14.5	72.6	8.9	2.0	0.0	50	100
60 - Programming and broadcasting activities	0.0	19.9	54.5	8.5	0.0	17.0	48	100
61 - Telecommunications	3.6	9.0	11.7	51.6	18.6	5.5	436	100
62 - Computer programming, consultancy and related activities	2.4	26.0	37.3	12.8	17.1	4.4	292	100
63 - Information service activities	2.0	16.2	39.6	11.8	24.3	6.1	99	100
64 - Financial service activities, except insurance and pension funding	6.0	53.6	29.7	2.7	4.8	3.2	2,501	100
65 - Insurance, reinsurance and pension funding,	2.2	18.2	34.8	10.9	17.3	16.6	323	100
66 - Activities auxiliary to financial service and insurance activities	1.2	61.4	31.3	1.8	3.3	1.0	1,617	100
68 - Real estate activities	2.3	17.8	61.1	9.0	7.7	2.1	2,057	100
69 - Legal and accounting activities	0.0	12.6	57.3	8.0	5.9	16.3	237	100
70 - Activities of head offices; management consultancy activities	0.9	25.6	33.6	11.8	16.9	11.1	317	100
71 - Architectural and engineering activities; technical testing and analysis	1.0	82.1	8.0	3.4	3.0	2.5	1,156	100
72 - Scientific research and development	2.6	13.9	58.5	6.5	18.4	0.0	87	100
73 - Advertising and market research	1.5	19.2	31.4	16.4	27.3	4.2	233	100
74 - Other professional, scientific and technical activities	1.9	12.6	72.8	9.0	2.9	0.9	2,784	100
75 - Veterinary activities	18.9	18.9	18.9	43.2	0.0	0.0	5	100
77 - Rental and leasing activities	1.6	31.6	47.6	9.0	10.2	0.0	144	100
78 - Employment activities	0.0	13.6	65.9	0.0	13.8	6.8	63	100
79 - Travel agency, tour operator, reservation service and related activities	38.2	40.8	8.3	3.3	7.5	1.8	1,775	100
80 - Security and investigation activities	6.6	13.8	45.9	6.8	18.8	8.0	294	100
81 - Services to buildings and landscape activities	5.9	39.0	36.3	6.5	3.4	9.0	107	100
82 - Office administrative, office support and other business support activities	88.5	2.4	6.5	1.6	1.0	0.0	1,699	100
85 - Education	26.0	54.5	16.1	1.4	.9	1.1	12,454	100
86 - Human health activities	1.0	30.7	38.0	11.5	8.5	10.3	894	100
87 - Residential care activities	2.3	20.9	72.3	3.4	1.1	0.0	92	100
88 - Social work activities without accommodation	11.4	30.4	39.9	7.7	5.3	5.3	533	100
90 - Creative, arts and entertainment activities	0.0	48.1	39.9	2.3	4.5	5.3	54	100
91 - Libraries, archives, museums and other cultural activities	0.0	88.1	8.4	0.0	3.4	0.0	29	100
92 - Gambling and betting activities	0.0	0.0	32.2	28.2	39.6	0.0	28	100
93 - Sports activities and amusement and recreation activities	.3	90.0	6.7	3.1	0.0	.0	807	100
94 - Activities of membership organizations	9.6	41.6	21.2	9.0	8.5	10.1	959	100
95 - Repair of computers and personal and household goods	9.5	0.0	68.0	8.6	13.9	0.0	45	100
96 - Other personal service activities	41.3	55.0	2.5	0.6	0.5	.1	7,402	100

Other Income from Non-Productive Activities

3.5 The Integrated Survey of Services sought information on other incomes that are not directly derived from the principal economic activity of the enterprise. These are incomes that are not generated from engagement in productive activities and include such items as dividends, interest and donations.

Table 3.3a: Proportion of Enterprises by Incomes from Non-Productive Activities and Economic Activity, 2015

							Total	
	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000	n	%
Total	56.9	5.9	24.3	8.5	1.7	2.7	15,366	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	37.8	7.1	34.9	14.5	4.1	1.5	267	100.0
46 - Wholesale trade, except of motor vehicles and motorcycles	45.1	4.9	26.2	14.3	3.9	5.7	446	100.0
47 - Retail trade, except of motor vehicles and motorcycles	80.0	2.5	12.2	4.2	.6	.4	4,560	100.0
49 - Land transport and transport via pipelines	19.6	0.9	29.3	37.9	4.6	7.8	223	100.0
50 - Water transport	0.0	0.0	100.0	0.0	0.0	0.0	17	100.0
51 - Air transport	38.4	7.8	22.1	20.5	11.1	0.0	104	100.0
52 - Warehousing and support activities for transportation	20.0	2.7	63.7	10.2	0.0	3.4	168	100.0
53 - Postal and courier activities	31.0	0.0	0.0	46.0	23.0	0.0	29	100.0
55 - Accommodation	64.6	2.1	24.7	5.8	2.4	0.4	475	100.0
56 - Food and beverage service activities	53.4	28.2	11.1	5.0	.8	1.6	1,018	100.0
58 - Publishing activities	33.4	25.7	20.8	11.2	4.4	4.4	23	100.0
59 - Motion picture, video and television programme production, sound recording and music publishing activities	0.0	0.0	92.8	7.2	0.0	0.0	14	100.0
60 - Programming and broadcasting activities	19.4	0.0	47.6	33.0	0.0	0.0	16	100.0
61 - Telecommunications	79.4	0.0	7.5	3.4	1.5	8.2	281	100.0
62 - Computer programming, consultancy and related activities	42.5	0.0	29.2	21.3	1.2	5.8	84	100.0
63 - Information service activities	11.5	0.0	38.9	36.3	11.5	1.8	57	100.0
64 - Financial service activities, except insurance and pension funding	71.8	3.5	11.3	8.4	0.9	4.3	1,454	100.0
65 - Insurance, reinsurance and pension funding, except compulsory social security	8.4	2.9	21.7	30.3	5.6	31.0	148	100.0
66 - Activities auxiliary to financial service and insurance activities	78.3	1.8	10.0	5.5	1.5	2.9	577	100.0
68 - Real estate activities	26.9	7.8	23.8	28.6	4.9	8.1	506	100.0
69 - Legal and accounting activities	34.1	0.0	35.7	18.1	0.0	12.1	54	100.0
70 - Activities of head offices; management consultancy activities	28.7	20.5	24.9	17.4	4.1	4.4	97	100.0
71 - Architectural and engineering activities; technical testing and analysis	31.6	6.1	10.6	14.2	15.9	21.7	60	100.0
72 - Scientific research and development	60.4	0.0	33.0	6.5	0.0	0.0	38	100.0
73 - Advertising and market research	40.1	0.0	28.0	17.1	9.8	5.0	80	100.0
74 - Other professional, scientific and technical activities	33.2	15.8	16.0	22.0	9.7	3.3	130	100.0
75 - Veterinary activities	0.0	0.0	0.0	100.0	0.0	0.0	2	100.0
77 - Rental and leasing activities	33.8	9.9	4.1	32.6	0.0	19.6	44	100.0
78 - Employment activities	0.0	29.2	70.8	0.0	0.0	0.0	15	100.0
79 - Travel agency, tour operator, reservation service and related activities	34.9	18.2	28.8	7.3	4.5	6.3	110	100.0
80 - Security and investigation activities	23.3	25.6	13.2	13.2	0.0	24.7	33	100.0
81 - Services to buildings and landscape activities	41.4	0.0	38.6	0.0	0.0	20.0	21	100.0
82 - Office administrative, office support and other business support activities	36.4	8.0	28.1	27.5	0.0	0.0	34	100.0
85 - Education	48.0	12.4	30.7	7.6	1.1	.2	1,352	100.0
86 - Human health activities	44.3	5.3	22.1	11.8	5.5	11.0	342	100.0
87 - Residential care activities	36.3	0.0	31.9	31.9	0.0	0.0	11	100.0
88 - Social work activities without accommodation	22.8	16.1	36.5	13.3	5.6	5.7	125	100.0
90 - Creative, arts and entertainment activities	0.0	0.0	35.1	0.0	35.1	29.9	8	100.0
91 - Libraries, archives, museums and other cultural activities	0.0	100.0	0.0	0.0	0.0	0.0	26	100.0
92 - Gambling and betting activities	0.0	0.0	41.9	29.5	28.6	0.0	13	100.0
93 - Sports activities and amusement and recreation activities	96.6	0.0	1.6	1.7	.0	.0	716	100.0
94 - Activities of membership organizations	31.5	4.1	39.8	17.4	0.8	6.4	274	100.0
95 - Repair of computers and personal and household goods	52.6	0.0	0.0	47.4	0.0	0.0	8	100.0
96 - Other personal service activities	2.1	0.6	93.8	3.2	.0	0.3	1,306	100.0

3.6 Table 3.6a and Table 3.6b showed proportions of enterprises categorized according to their principal economic activity and the amount of revenue generated from non-productive activities in 2015 and 2016, respectively. The results reveal that 56.9 per cent per cent and 51.7 per cent of the total service sector enterprises recorded

incomes from non-productive activities of below KSh 0.5 million in 2015 and 2016, respectively. A relatively small proportion (2.7%) and (2.9%) of industries in the service sector reported other income of over 100 million shillings in 2015 and 2016, respectively.

3.7 Analysis by industry showed that the highest proportion of enterprises that derived more than 100 million shillings of income that was not from their mainstream economic activities was in those engaged in Insurance, reinsurance and pension funding activities at 31.0 per cent, Creative, arts and entertainment activities at 29.9 per cent and Security and investigation activities at 24.7 per cent.

Figure 3.3: Proportion of Income to Total Income Generated from Non-Productive Activities

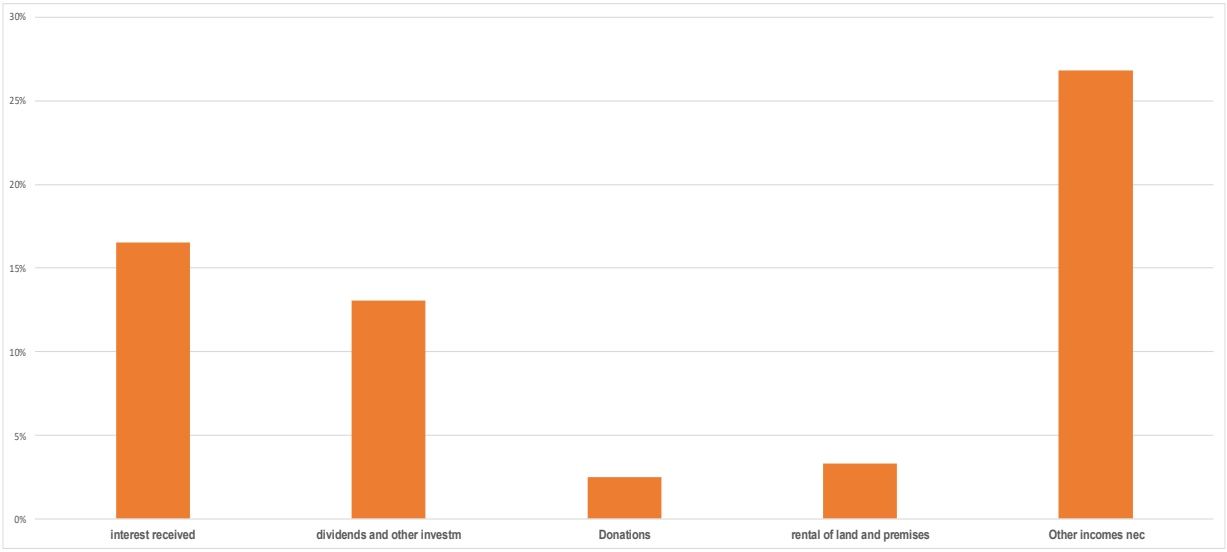


Table 3.4b: Proportion of Enterprises by Incomes from Non-Productive Activities and Economic Activity, 2016

Economic Activity	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000	Total n	Total %
Total	51.7	12.1	23.4	7.8	2.0	2.9	15,673	100
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	41.3	5.7	34.8	11.8	4.7	1.8	279	100
46 - Wholesale trade, except of motor vehicles and motorcycles	38.6	8.8	24.8	16.4	4.4	7.0	438	100
47 - Retail trade, except of motor vehicles and motorcycles	81.7	2.3	10.8	3.7	1.2	0.4	4,785	100
49 - Land transport and transport via pipelines	27.1	5.4	28.0	23.8	7.9	7.8	223	100
50 - Water transport	33.8	0.0	66.2	0.0	0.0	0.0	25	100
51 - Air transport	20.6	8.3	37.1	15.5	5.9	12.6	98	100
52 - Warehousing and support activities for transportation	37.8	6.1	44.8	8.7	0.0	2.7	216	100
53 - Postal and courier activities	0.0	31.0	23.0	23.0	23.0	0.0	29	100
55 - Accommodation	65.2	2.3	21.6	8.0	1.7	1.3	479	100
56 - Food and beverage service activities	53.4	29.4	9.4	5.6	0.9	1.4	1,016	100
58 - Publishing activities	46.4	14.0	0.0	31.1	4.3	4.3	23	100
59 - Motion picture, video and television programme production, sound recording and music publishing activities	0.0	0.0	61.9	38.1	0.0	0.0	14	100
60 - Programming and broadcasting activities	0.0	19.4	47.6	26.8	6.2	0.0	16	100
61 - Telecommunications	77.4	1.8	5.7	4.0	1.5	9.7	282	100
62 - Computer programming, consultancy and related activities	29.9	15.7	25.3	11.9	16.0	1.2	82	100
63 - Information service activities	11.5	0.0	27.4	49.6	9.7	1.8	57	100
64 - Financial service activities, except insurance and pension funding	9.9	65.0	11.9	7.5	0.9	4.8	1,459	100
65 - Insurance, reinsurance and pension funding,	9.6	.7	26.1	26.3	8.0	29.4	145	100
66 - Activities auxiliary to financial service and insurance activities	78.7	3.4	7.2	5.9	1.7	3.1	582	100
68 - Real estate activities	28.2	8.7	27.6	22.3	5.9	7.3	552	100
69 - Legal and accounting activities	28.0	10.5	28.5	19.8	0.0	13.2	49	100
70 - Activities of head offices; management consultancy activities	50.0	13.0	21.4	6.9	0.0	8.7	95	100
71 - Architectural and engineering activities; technical testing and analysis	37.6	0.0	19.1	17.0	0.0	26.3	71	100
72 - Scientific research and development	60.4	0.0	33.0	6.5	0.0	0.0	38	100
73 - Advertising and market research	44.2	3.0	21.3	22.3	9.2	0.0	86	100
74 - Other professional, scientific and technical activities	24.9	26.6	12.0	20.8	10.2	5.5	134	100
75 - Veterinary activities	0.0	0.0	0.0	0.0	100.0	0.0	2	100
77 - Rental and leasing activities	56.3	0.0	14.0	9.9	19.7	0.0	44	100
78 - Employment activities	29.2	0.0	29.2	41.5	0.0	0.0	15	100
79 - Travel agency, tour operator, reservation service and related activities	35.2	15.0	18.6	19.6	4.8	6.8	102	100
80 - Security and investigation activities	38.4	0.0	24.0	13.1	0.0	24.5	33	100
81 - Services to buildings and landscape activities	41.4	0.0	15.3	23.4	0.0	20.0	21	100
82 - Office administrative, office support and other business support activities	38.5	0.0	24.3	10.3	26.9	0.0	39	100
85 - Education	48.2	11.3	33.3	5.9	0.8	0.4	1,405	100
86 - Human health activities	26.4	6.5	26.0	18.1	7.5	15.5	255	100
87 - Residential care activities	26.6	26.6	23.4	23.4	0.0	0.0	15	100
88 - Social work activities without accommodation	28.2	15.1	33.9	13.2	3.1	6.6	146	100
90 - Creative, arts and entertainment activities	0.0	0.0	35.1	35.1	29.9	0.0	8	100
91 - Libraries, archives, museums and other cultural activities	8.7	91.3	0.0	0.0	0.0	0.0	28	100
92 - Gambling and betting activities	0.0	0.0	41.9	29.5	0.0	28.6	13	100
93 - Sports activities and amusement and recreation activities	96.3	.5	1.5	1.7	0.0	0.0	716	100
94 - Activities of membership organizations	27.5	8.2	37.2	18.0	1.8	7.4	257	100
95 - Repair of computers and personal and household goods	0.0	0.0	0.0	100.0	0.0	0.0	4	100
96 - Other personal service activities	1.4	1.9	92.8	3.5	0.0	.3	1,298	100

Expenditure-Intermediate Consumption

3.8 Intermediate consumption comprises of goods and services that are consumed in the production process during an accounting period. It consists of mostly non-labor inputs that are transformed or used up by the production processes. This variable is important in the derivation of GDP, which is the net production of goods and services in an economy. Gross Value Added (GVA) is the difference between gross output and intermediate consumption which is aggregated for all industries plus taxes less subsidies to arrive at the GDP.

3.9 In this section, information on intermediate consumption items is presented by economic activity and ranges of expenditure incurred by enterprises in 2015 and 2016. The expenditure items in consideration are those that are exhausted in the production of service outputs. It is meant to help assess the levels of input intensiveness in the production of services in the economy. The proportions of enterprises by range of expenditure and economic activity for 2015 and 2016 are presented in tables 3.7a and 3.7b, 3.7c and 3.7d, respectively. Overall, almost half (45.0%) of enterprises incurred expenditure of KSh 1 million and above but below KSh 10 million in 2016. About 3.9 per cent of the enterprises spent KSh 50 million and above to fund items related to production of services

3.10 The proportion of enterprises with total expenditure in the range of KSh 0.5 to KSh 1.0 million was 19.2 per cent in 2016. Relatively high proportions of enterprises that incurred expenditures of over KSh100 million were reported in Air Transport and, Betting and Gambling activities at 34.7 per cent and 28.3 per cent, respectively in 2016. On average, about 2 per cent of the enterprises spent KSh100 million and above, while slightly over a fifth of the enterprises reported expenditures of less than half a million shillings annually. The proportion of businesses in retail trade except that of motor vehicles and motor cycles that spent at least 50 million shillings was significantly low at 1.0 per cent compared to 53.3 per cent of enterprises involved in air transport activities. The survey findings also showed that expenditures of more than 50 million was common in activities of Scientific Research and Development (35.8%), Advertising and Market Research (41.5%), and Gambling and Betting activities (58.3%) in 2016.

Table 3.5a: Proportion of Enterprises by Expenditure, 2015

Economic Activity	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000	Total	
Total	22.2	19.3	44.2	10.4	1.7	2.1	82,899	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	17.1	27.6	43.7	9.6	1.1	0.8	2,445	100.0
46 - Wholesale trade, except of motor vehicles and	15.2	8.0	60.9	11.9	2.0	2.0	3,448	100.0
47 - Retail trade, except of motor vehicles and motorcycles	42.0	28.1	26.2	3.3	.1	.1	35,020	100.0
49 - Land transport and transport via pipelines	0.0	2.4	32.6	37.9	13.4	13.7	1,272	100.0
50 - Water transport	0.0	0.0	11.8	74.3	0.0	13.8	62	100.0
51 - Air transport	0.0	0.0	21.2	22.9	17.3	38.6	223	100.0
52 - Warehousing and support activities for transportation	0.0	1.1	24.1	47.7	11.5	15.6	963	100.0
53 - Postal and courier activities	7.3	0.0	43.7	27.0	4.8	17.2	138	100.0
55 - Accommodation	.4	18.7	60.7	14.3	2.4	3.5	1,505	100.0
56 - Food and beverage service activities	1.6	20.8	70.1	6.2	.4	0.9	4,313	100.0
58 - Publishing activities	1.0	4.2	59.3	28.5	3.0	4.0	101	100.0
59 - Motion picture, video and television programme	0.0	0.0	64.4	35.6	0.0	0.0	47	100.0
60 - Programming and broadcasting activities	0.0	0.0	29.9	56.9	0.0	13.2	46	100.0
61 - Telecommunications	0.2	0.9	70.1	14.9	8.1	5.8	411	100.0
62 - Computer programming, consultancy and related	0.4	0.4	39.3	39.8	9.9	10.3	274	100.0
63 - Information service activities	0.0	0.0	31.6	43.4	14.5	10.5	98	100.0
64 - Financial service activities, except insurance and pension	5.6	3.7	55.9	26.7	2.4	5.6	2,445	100.0
65 - Insurance, reinsurance and pension funding, except	9.0	6.7	36.5	26.4	2.4	19.0	303	100.0
66 - Activities auxiliary to financial service and insurance	27.4	0.3	60.8	6.9	1.7	2.9	1,606	100.0
68 - Real estate activities	1.2	2.3	61.5	25.5	5.1	4.4	1,996	100.0
69 - Legal and accounting activities	0.0	0.0	24.9	55.7	11.4	8.1	201	100.0
70 - Activities of head offices; management consultancy	1.6	5.0	26.9	40.1	7.5	18.9	276	100.0
71 - Architectural and engineering activities; technical testing	0.0	40.1	47.0	6.6	2.5	3.7	1,131	100.0
72 - Scientific research and development	0.0	0.0	13.7	50.5	14.9	20.9	82	100.0
73 - Advertising and market research	1.9	0.0	27.5	29.0	14.0	27.5	210	100.0
74 - Other professional, scientific and technical activities	.3	0.0	81.9	14.0	3.0	0.8	2,484	100.0
75 - Veterinary activities	0.0	0.0	30.4	69.6	0.0	0.0	3	100.0
77 - Rental and leasing activities	0.0	2.1	27.6	40.3	17.1	12.9	111	100.0
78 - Employment activities	0.0	7.8	19.0	65.3	0.0	7.8	55	100.0
79 - Travel agency, tour operator, reservation service and	0.4	0.7	74.7	15.1	4.3	4.8	1,032	100.0
80 - Security and investigation activities	4.0	1.4	37.2	34.7	8.9	13.8	264	100.0
81 - Services to buildings and landscape activities	4.8	0.0	45.5	41.7	3.0	5.1	90	100.0
82 - Office administrative, office support and other business	2.0	2.2	52.7	33.8	4.3	5.0	199	100.0
85 - Education	16.2	14.1	55.4	12.2	1.1	1.0	12,030	100.0
86 - Human health activities	0.5	0.9	43.4	33.7	8.5	13.1	859	100.0
87 - Residential care activities	0.0	1.1	62.1	32.9	3.9	0.0	92	100.0
88 - Social work activities without accommodation	2.7	1.2	45.1	43.5	5.0	2.5	512	100.0
90 - Creative, arts and entertainment activities	0.0	0.0	64.9	12.7	15.6	6.8	42	100.0
91 - Libraries, archives, museums and other cultural activities	0.0	88.1	0.0	8.4	3.4	0.0	29	100.0
92 - Gambling and betting activities	0.0	0.0	6.9	34.4	30.5	28.3	26	100.0
93 - Sports activities and amusement and recreation activities	0.0	0.0	93.1	5.3	.4	1.2	760	100.0
94 - Activities of membership organizations	3.0	5.9	47.9	24.5	9.7	9.1	804	100.0
95 - Repair of computers and personal and household goods	0.0	0.0	53.1	36.4	10.5	0.0	41	100.0
96 - Other personal service activities	.4	32.0	64.1	2.8	0.5	.2	4,849	100.0

Table 3.5b: Proportion of Enterprises by Expenditure, 2016

Economic Activity	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000	Total	
Total	21.2	19.2	45.0	10.8	1.7	2.1	85,186	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	16.8	19.1	52.4	9.5	1.4	0.7	2,446	100.0
46 - Wholesale trade, except of motor vehicles and motorcycles	8.9	14.0	60.3	12.6	2.1	2.1	3,448	100.0
47 - Retail trade, except of motor vehicles and motorcycles	35.6	30.4	29.9	3.8	.2	.1	35,014	100.0
49 - Land transport and transport via pipelines	1.0	2.4	30.1	38.1	11.2	17.2	1,272	100.0
50 - Water transport	.0	0.0	11.8	47.5	26.8	13.8	62	100.0
51 - Air transport	0.0	0.0	14.5	32.3	18.5	34.7	223	100.0
52 - Warehousing and support activities for transportation	0.0	0.0	20.3	51.3	13.5	15.0	963	100.0
53 - Postal and courier activities	7.3	0.0	37.5	28.4	11.0	15.8	138	100.0
55 - Accommodation	.8	15.7	63.7	14.3	1.6	3.9	1,517	100.0
56 - Food and beverage service activities	1.3	14.8	75.0	7.5	0.5	0.8	4,344	100.0
58 - Publishing activities	1.0	4.2	52.8	31.7	7.2	3.0	101	100.0
59 - Motion picture, video and television programme production, sound recording and music publishing activities	0.0	0.0	52.8	47.2	0.0	0.0	47	100.0
60 - Programming and broadcasting activities	0.0	0.0	29.9	56.9	0.0	13.2	46	100.0
61 - Telecommunications	0.2	0.9	68.4	16.7	6.6	7.2	413	100.0
62 - Computer programming, consultancy and related activities	0.4	0.4	41.0	39.5	8.3	10.5	271	100.0
63 - Information service activities	0.0	0.0	21.5	49.0	6.4	23.0	98	100.0
64 - Financial service activities, except insurance and pension funding	5.6	3.6	53.2	29.3	2.2	6.1	2,447	100.0
65 - Insurance, reinsurance and pension funding, except compulsory social security	7.6	5.3	38.5	24.5	6.1	17.9	303	100.0
66 - Activities auxiliary to financial service and insurance activities	27.2	0.4	60.6	7.6	1.3	2.9	1,606	100.0
68 - Real estate activities	1.3	2.1	61.6	25.4	4.7	5.0	1,997	100.0
69 - Legal and accounting activities	0.0	0.0	27.9	54.9	9.1	8.1	201	100.0
70 - Activities of head offices; management consultancy activities	1.5	2.4	30.4	39.5	8.4	17.7	278	100.0
71 - Architectural and engineering activities; technical testing and analysis	0.0	39.9	46.0	8.1	2.2	3.8	1,126	100.0
72 - Scientific research and development	0.0	0.0	9.4	47.9	21.7	20.9	82	100.0
73 - Advertising and market research	0.0	2.0	27.3	28.4	17.0	25.4	207	100.0
74 - Other professional, scientific and technical activities	1.3	0.0	81.0	14.4	2.5	0.8	2,475	100.0
75 - Veterinary activities	0.0	0.0	30.4	69.6	0.0	0.0	3	100.0
77 - Rental and leasing activities	0.0	0.0	31.2	42.7	12.9	13.3	111	100.0
78 - Employment activities	0.0	7.8	19.0	65.3	0.0	7.8	55	100.0
79 - Travel agency, tour operator, reservation service and related activities	.8	.3	74.8	14.8	4.6	4.8	1,041	100.0
80 - Security and investigation activities	1.2	1.4	37.4	37.0	6.5	16.6	258	100.0
81 - Services to buildings and landscape activities	4.8	0.0	50.3	36.9	3.0	5.1	90	100.0
82 - Office administrative, office support and other business support activities	71.7	.5	15.0	10.9	.6	1.3	699	100.0
85 - Education	16.3	12.9	55.8	12.9	1.3	0.8	12,253	100.0
86 - Human health activities	0.8	.5	38.7	37.6	9.0	13.5	864	100.0
87 - Residential care activities	0.0	0.0	45.8	50.3	3.9	0.0	92	100.0
88 - Social work activities without accommodation	2.7	1.2	46.8	41.3	5.0	2.9	513	100.0
90 - Creative, arts and entertainment activities	0.0	0.0	64.9	19.5	8.8	6.8	42	100.0
91 - Libraries, archives, museums and other cultural activities	0.0	88.1	0.0	8.4	0.0	3.4	29	100.0
92 - Gambling and betting activities	0.0	0.0	6.9	34.4	30.5	28.3	26	100.0
93 - Sports activities and amusement and recreation activities	0.0	0.0	93.1	5.3	.4	1.2	760	100.0
94 - Activities of membership organizations	5.5	6.3	44.4	24.8	9.0	10.0	804	100.0
95 - Repair of computers and personal and household goods	0.0	0.0	42.6	46.9	0.0	10.5	41	100.0
96 - Other personal service activities	24.2	24.4	48.4	2.4	0.5	.0	6,380	100.0

Table 3.5c: Proportion of Enterprises by Expenditure and Economic Activity, 2015

Economic Activity	<500,000	500001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000	Total
Total	18,435	16,025	36,657	8,605	1,445	1,732	82,899
	100.0	100.0	100.0	100.0	100.0	100.0	100.0
45 = Wholesale and retail trade and repair of motor vehicles and motorcycles	2.3	4.2	2.9	2.7	1.9	1.1	2.9
46 = Wholesale trade, except of motor vehicles and motorcycles	2.9	1.7	5.7	4.8	4.9	3.9	4.2
47 = Retail trade, except of motor vehicles and	79.9	61.5	25.1	13.6	3.3	2.4	42.2
49 = Land transport and transport via pipelines	.0	.2	1.1	5.6	11.8	10.1	1.5
50= Water Transport	.0	.0	.0	0.5	0.0	0.5	.1
51 = Air transport	0.0	0.0	.1	.6	2.7	5.0	.3
52 = Warehousing and support activities for	0.0	0.1	.6	5.3	7.7	8.7	1.2
53 = Postal and courier activities	.1	0.0	.2	.4	.5	1.4	.2
55 = Accommodation	.0	1.8	2.5	2.5	2.5	3.0	1.8
56 = Food and beverage service activities	0.4	5.6	8.2	3.1	1.2	2.2	5.2
58 = Publishing activities	0.0	.0	.2	.3	.2	.2	.1
59 = Motion picture, video and television programme	0.0	0.0	.1	.2	0.0	0.0	.1
60 = Programming and broadcasting activities	0.0	0.0	.0	.3	0.0	.4	.1
61 = Telecommunications	0.0	0.0	.8	.7	2.3	1.4	.5
62 = Computer programming, consultancy and	0.0	.0	.3	1.3	1.9	1.6	.3
63 = Information service activities	.0	0.0	.1	.5	1.0	0.6	.1
64 = Financial service activities, except insurance	0.7	0.6	3.7	7.6	4.1	8.0	2.9
65 = Insurance, reinsurance and pension funding,	.1	.1	.3	.9	0.5	3.3	.4
66 = Activities auxiliary to financial service and	2.4	0.0	2.7	1.3	1.9	2.7	1.9
68 = Real estate activities	.1	.3	3.3	5.9	7.0	5.0	2.4
69 = Legal and accounting activities	0.0	0.0	.1	1.3	1.6	.9	.2
70 = Activities of head offices; management	.0	.1	.2	1.3	1.4	3.0	.3
71 = Architectural and engineering activities;	0.0	2.8	1.5	.9	2.0	2.4	1.4
72 = Scientific research and development	0.0	0.0	.0	.5	.8	1.0	.1
73 = Advertising and market research	0.0	.0	.2	.7	2.0	3.3	.3
74 = Other professional, scientific and technical	0.0	0.0	5.6	4.0	5.1	1.1	3.0
75 = Veterinary activities	.0	0.0	.0	.0	0.0	.0	.0
77 = Rental and leasing activities	0.0	0.0	.1	.5	1.3	.8	.1
78 = Employment activities	0.0	.0	.0	.4	0.0	.2	.1
79 = Travel agency, tour operator, reservation	.0	.0	2.1	1.8	3.1	2.9	1.2
80 = Security and investigation activities	.1	.0	.3	1.1	1.6	2.1	.3
81 = Services to buildings and landscape activities	.0	0.0	.1	.4	.2	.3	.1
82 = Office administrative, office support and other	0.0	.0	.3	.8	.6	.6	.2
85 = Education	10.6	10.6	18.2	17.1	9.1	6.7	14.5
86 = Human health activities	0.0	.0	1.0	3.4	5.0	6.5	1.0
87 = Residential care activities	0.0	0.0	.2	.4	.2	0.0	.1
88 = Social work activities without accommodation	.1	.0	.6	2.6	1.8	0.7	.6
90 = Creative, arts and entertainment activities	0.0	0.0	.1	.1	.5	.2	.1
91 = Libraries, archives, museums and other	0.0	.2	0.0	.0	0.1	.0	.0
92 = Gambling and betting activities	0.0	0.0	.0	.1	.6	.4	.0
93 = Sports activities and amusement and	0.0	0.0	1.9	.5	.2	.5	.9
94 = Activities of membership organizations	.1	.3	1.1	2.3	5.4	4.2	1.0
95 = Repair of computers and personal and	0.0	0.0	.1	.2	0.3	.0	.0
96 = Other personal service activities	0.1	9.7	8.5	1.6	1.8	.6	5.8

Table 3.5d: Proportion of Enterprises by Expenditure and Economic Activity, 2016

Economic Activity	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000	Total
Total	18,072	16,351	38,302	9,180	1,474	1,807	85,186
	100.0	100.0	100.0	100.0	100.0	100.0	100.0
45 = Wholesale and retail trade and repair of motor vehicles and motorcycles	2.3	2.9	3.3	2.5	2.4	1.0	2.9
46 = Wholesale trade, except of motor vehicles and motorcycles	1.7	2.9	5.4	4.7	5.0	3.9	4.0
47 = Retail trade, except of motor vehicles and	69.0	65.1	27.3	14.3	4.5	2.5	41.1
49 = Land transport and transport via pipelines	.1	.2	1.0	5.3	9.7	12.1	1.5
50 = Water transport	.0	.0	.0	0.3	1.1	0.5	.1
51 = Air transport	0.0	0.0	.1	.8	2.8	4.3	.3
52 = Warehousing and support activities for	0.0	0.0	.5	5.4	8.8	8.0	1.1
53 = Postal and courier activities	.1	0.0	.1	.4	1.0	1.2	.2
55 = Accommodation	.1	1.5	2.5	2.4	1.6	3.3	1.8
56 = Food and beverage service activities	0.3	3.9	8.5	3.6	1.6	2.0	5.1
58 = Publishing activities	0.0	.0	.1	.3	.5	.2	.1
59 = Motion picture, video and television programme	0.0	0.0	.1	.2	0.0	0.0	.1
60 = Programming and broadcasting activities	0.0	0.0	.0	.3	0.0	.3	.1
61 = Telecommunications	0.0	0.0	.7	.8	1.9	1.6	.5
62 = Computer programming, consultancy and	0.0	.0	.3	1.2	1.5	1.6	.3
63 = Information service activities	.0	0.0	.1	.5	0.4	1.2	.1
64 = Financial service activities, except insurance	0.8	0.5	3.4	7.8	3.6	8.3	2.9
65 = Insurance, reinsurance and pension funding,	.1	.1	.3	.8	1.3	3.0	.4
66 = Activities auxiliary to financial service and	2.4	0.0	2.5	1.3	1.4	2.6	1.9
68 = Real estate activities	.1	.3	3.2	5.5	6.3	5.5	2.3
69 = Legal and accounting activities	0.0	0.0	.1	1.2	1.2	.9	.2
70 = Activities of head offices; management	.0	.0	.2	1.2	1.6	2.7	.3
71 = Architectural and engineering activities;	0.0	2.8	1.4	1.0	1.7	2.4	1.3
72 = Scientific research and development	0.0	0.0	.0	.4	1.2	1.0	.1
73 = Advertising and market research	0.0	.0	.1	.6	2.4	2.9	.2
74 = Other professional, scientific and technical	0.2	0.0	5.2	3.9	4.2	1.1	2.9
75 = Veterinary activities	.0	0.0	.0	.0	0.0	.0	.0
77 = Rental and leasing activities	0.0	0.0	.1	.5	1.0	.8	.1
78 = Employment activities	0.0	.0	.0	.4	0.0	.2	.1
79 = Travel agency, tour operator, reservation	.0	.0	2.0	1.7	3.3	2.8	1.2
80 = Security and investigation activities	.0	.0	.3	1.0	1.1	2.4	.3
81 = Services to buildings and landscape activities	.0	0.0	.1	.4	.2	.3	.1
82 = Office administrative, office support and other	2.8	.0	.3	.8	.3	.5	.8
85 = Education	11.0	9.6	17.8	17.2	11.1	5.7	14.4
86 = Human health activities	0.0	.0	.9	3.5	5.3	6.4	1.0
87 = Residential care activities	0.0	0.0	.1	.5	.2	0.0	.1
88 = Social work activities without accommodation	.1	.0	.6	2.3	1.7	0.8	.6
90 = Creative, arts and entertainment activities	0.0	0.0	.1	.1	.3	.2	.0
91 = Libraries, archives, museums and other	0.0	.2	0.0	.0	0.0	.1	.0
92 = Gambling and betting activities	0.0	0.0	.0	.1	.5	.4	.0
93 = Sports activities and amusement and	0.0	0.0	1.8	.4	.2	.5	.9
94 = Activities of membership organizations	.2	.3	0.9	2.2	4.9	4.5	0.9
95 = Repair of computers and personal and	0.0	0.0	.0	.2	0.0	.2	.0
96 = Other personal service activities	8.6	9.5	8.1	1.7	2.1	.2	7.5

3.11 Tables 3.8a and 3.8b showed the proportion of enterprises by selected expenditure items. Details provided in this table are based on enterprises that reported having incurred these expenditures and the number varied across the various items. During the two years considered in the survey, the results indicate that most enterprises spent less than KSh 50,000 annually on various expenditure items, except for rental of land and premises and other expenditures not specified in the survey. As showed in Table 3.8a, expenditures of KSh 50,000 to KSh 500,000 was mostly on Rental of land and premises (53.5%), motor vehicle running costs (32.4%), insurance (31.5%), Transportation of goods (30.8%) and office supplies (30.6%). The results further showed

that notable proportions of enterprises spent half a million shillings and above in motor vehicle running costs (20.0%), Rental of land (20.4%), non-specified expenditure (34.9%) and stores and consumables (10.8%) in 2016.

Input/output Ratios

Input/output ratios are derived as the total value of goods and services extinguished in the process of production divided by total sales/turnover. The average input/output ratio for all service activities was reported at 45.9 and 43.6 per cent in 2015 and 2016, respectively. Survey findings showed that relatively low input/output ratios were reported in enterprises involved in legal and accounting activities; Security and Investigations; Activities auxiliary to financial service and insurance activities. On the other hand, enterprises engaged in distributive trade activities and Land transport and transport via pipelines reported high input/output ratios. As shown in Figure 3.4, the output ratios for enterprises in service activities were largely below 50 per cent expect for those in distributive trade and transportation activities.

Figure 3.4: Input/output Ratios, 2015-2016

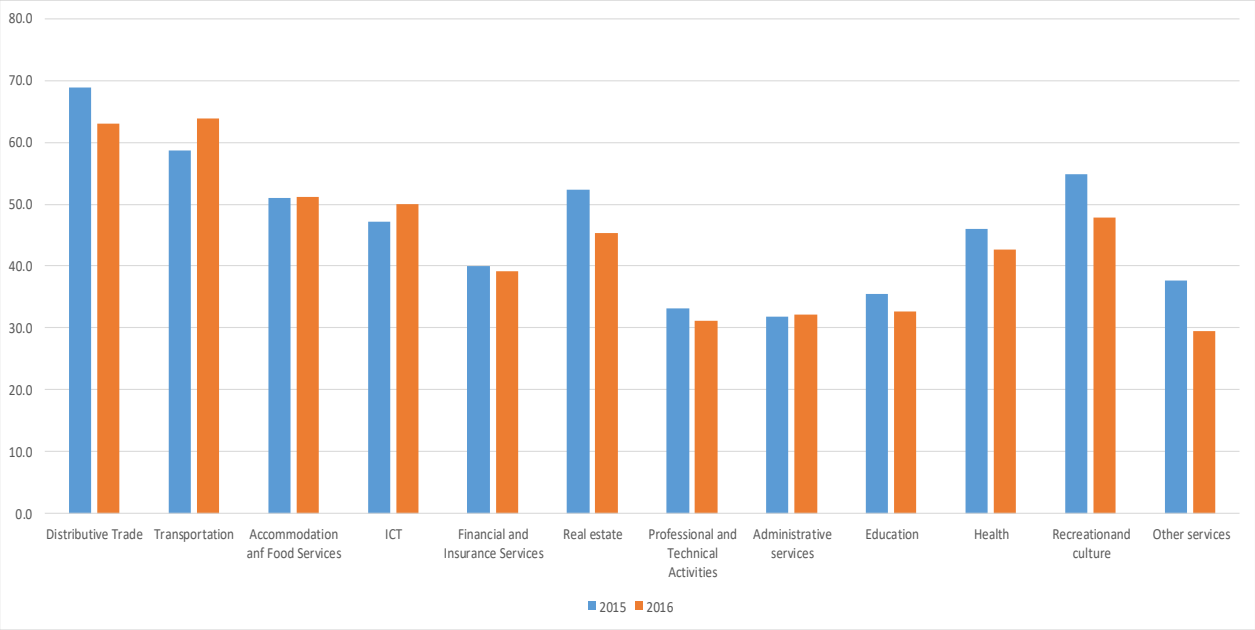


Table 3.5e: Input/output Ratios, 2015-2016

	2015	2016
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	76.1	60.8
46 - Wholesale trade, except of motor vehicles and motorcycles	55.2	57.4
47 - Retail trade, except of motor vehicles and motorcycles	73.2	64.4
49 - Land transport and transport via pipelines	81.9	81.5
51 - Air transport	54.1	61.1
52 - Warehousing and support activities for transportation	56.8	56.6
53 - Postal and courier activities	35.5	40.0
55 - Accommodation	38.8	42.3
56 - Food and beverage service activities	59.3	55.4
58 - Publishing activities	20.8	20.6
59 - Motion picture, video and television programme production, sound recording	58.5	51.7
60 - Programming and broadcasting activities	61.9	57.7
61 - Telecommunications	40.3	41.2
62 - Computer programming, consultancy and related activities	37.9	35.4
63 - Information service activities	50.6	44.8
64 - Financial service activities, except insurance and pension funding	21.1	19.7
65 - Insurance, reinsurance and pension funding, except compulsory social securi	62.6	67.5
66 - Activities auxiliary to financial service and insurance activities	15.6	15.4
68 - Real estate activities	46.2	41.7
69 - Legal and accounting activities	10.4	8.8
70 - Activities of head offices; management consultancy activities	60.7	57.6
71 - Architectural and engineering activities; technical testing and analysis	21.0	19.1
72 - Scientific research and development	37.0	42.5
73 - Advertising and market research	44.7	41.8
74 - Other professional, scientific and technical activities	35.8	34.0
75 - Veterinary activities	65.7	73.1
77 - Rental and leasing activities	96.5	77.5
78 - Employment activities	38.6	44.6
79 - Travel agency, tour operator, reservation service and related activities	29.1	32.3
80 - Security and investigation activities	14.3	16.9
81 - Services to buildings and landscape activities	30.6	34.5
82 - Office administrative, office support and other business support activities	53.7	34.5
85 - Education	21.1	20.0
86 - Human health activities	42.4	37.7
87 - Residential care activities	25.1	22.7
88 - Social work activities without accommodation	49.4	54.6
90 - Creative, arts and entertainment activities	41.2	33.1
91 - Libraries, archives, museums and other cultural activities	8.2	14.7
92 - Gambling and betting activities	38.6	36.7
93 - Sports activities and amusement and recreation activities	100.8	71.8
94 - Activities of membership organizations	27.1	24.2
95 - Repair of computers and personal and household goods	96.9	102.5
96 - Other personal service activities	40.4	26.6

Table 3.6a: Proportion of Enterprises by Selected Expenditure Items, 2015

Expenditure Item	<50,000	50,001-500,000	500,001-1,000,000	>1,000,000	Total	
Motor vehicle running costs (parts and fuel)	47.6	32.4	8.3	11.7	49,988	100.0
Leasing and hiring of plant, machinery, equipment and vehicles under operating l	88.5	5.2	3.3	3.1	35,374	100.0
Insurance	58.7	31.5	4.5	5.3	55,062	100.0
Accommodation and travelling	72.8	18.3	3.3	5.6	46,631	100.0
Office supplies	64.0	30.6	2.7	2.7	73,981	100.0
Stores and consumables	72.5	16.7	5.0	5.8	54,359	100.0
Medicine & medical supplies	91.3	6.2	0.6	1.8	40,153	100.0
Postal and courier services	88.3	9.7	0.9	1.1	60,810	100.0
Advertising	78.2	15.3	2.5	4.0	42,777	100.0
Rental of land and premises	26.0	53.5	7.7	12.7	66,384	100.0
Repair and maintenance	64.6	27.4	3.1	4.9	69,102	100.0
Research and development	96.8	1.8	0.4	1.0	32,403	100.0
Telecommunication services	75.6	21.2	1.7	1.5	60,612	100.0
Transport of goods (freight by rail, road, sea, air), warehousing and storage	63.5	30.8	2.4	3.3	46,845	100.0
Water	89.1	10.0	0.4	0.5	49,434	100.0
Electricity	76.7	20.5	1.5	1.3	58,129	100.0
Water & electricity	69.5	23.9	3.5	3.2	43,367	100.0
Entertainment	89.2	8.4	1.2	1.3	39,121	100.0
License fees, permits, stamp duties and similar fees paid to government or local	81.0	17.0	0.8	1.2	75,316	100.0
Fees and Commissions paid	66.8	25.6	3.5	4.1	55,596	100.0
Containers and packaging materials	88.5	10.1	1.0	0.4	39,757	100.0
Donations, bursaries and sponsorships	81.5	14.5	1.3	2.7	39,279	100.0
Other Expenditures	21.9	43.3	7.9	27.0	18654.4	100.0

Table 3.6b: Proportion of Enterprises by Selected Expenditure Items, 2016

Expenditure Item	<50,000	50,001-500,000	500,001-1,000,000	>1,000,000	Total	
Motor vehicle running costs (parts and fuel)	49.8	30.7	8.0	11.5	53,255	100.0
Leasing and hiring of plant, machinery, equipment and vehicles under operating l	89.0	4.2	3.0	3.8	35,370	100.0
Insurance	58.4	31.8	4.5	5.4	56,906	100.0
Accommodation and travelling	68.8	22.5	3.1	5.5	48,511	100.0
Office supplies	69.0	25.9	2.5	2.6	76,382	100.0
Stores and consumables	73.1	15.9	5.4	5.5	56,223	100.0
Medicine & medical supplies	91.3	6.1	0.8	1.8	41,939	100.0
Postal and courier services	88.3	9.7	1.1	1.0	61,128	100.0
Advertising	78.9	15.1	2.4	3.6	46,672	100.0
Rental of land and premises	30.9	48.2	8.0	12.9	67,219	100.0
Repair and maintenance	62.2	29.7	3.6	4.5	71,764	100.0
Research and development	96.9	1.7	0.4	0.9	35,800	100.0
Telecommunication services	75.7	20.9	1.9	1.6	60,753	100.0
Transport of goods (freight by rail, road, sea, air), warehousing and storage	67.7	27.7	2.3	2.3	49,791	100.0
Water	88.7	9.4	0.5	1.4	51,738	100.0
Electricity	76.6	20.5	1.5	1.4	60,512	100.0
Water & electricity	68.5	23.9	4.4	3.2	45,198	100.0
Entertainment	85.7	11.7	1.2	1.3	40,912	100.0
License fees, permits, stamp duties and similar fees paid to government or local	79.9	17.9	0.9	1.2	77,966	100.0
Fees and Commissions paid	67.7	21.5	3.1	7.7	57,216	100.0
Containers and packaging materials	90.8	6.7	1.4	1.0	41,557	100.0
Donations, bursaries and sponsorships	85.1	10.9	1.5	2.6	41,074	100.0
Other Expenditures	24.6	44.0	5.9	25.5	21,500	100.0

Employment and Earnings

3.12 In Kenya, employment in the services sector accounts for a considerable proportion of all employment in the formal sector. Activities of distributive trade and education are the major sources of formal employment in the sector. Consequently, the two sectors account for the largest shares of earnings from employment, owing to their proportionately high employment levels. Activities of education, human health, information and communications and "other services" employ notable proportions of the labour force in the formal sector.

Employment

3.13 The proportions of enterprises by economic activity and size for 2015 and 2016 are presented in Table 3.2a and Table 3.2b, respectively. The survey results showed that most of the enterprises in the services sector are in the Micro-Enterprise category that employs a maximum of nine (9) employees. Specifically, 70.7 per cent of the employees in the service sector worked in enterprises with a maximum of nine employees in 2016. Enterprises in the service industry that had a staff establishment of less than 50 employees were the majority, particularly for those working in Wholesale and Retail trade; Real Estate; and Professional and Technical activities. On the other hand, medium and large enterprises that employed 50 employees and above in 2016 were

predominant in Security and investigation activities (62.0%) and Gambling and Betting activities (42.4%).

Table 3.7a: Proportion of Enterprises' Employment Levels by Economic Activity, 2015

Economic Activity	Number of Employees				Total	
	0 - 9	10 - 49	50 - 100	>100		
Total	70.2	25.8	2.6	1.4	89,779	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	80.7	17.4	1.5	.4	2,465	100.0
46 - Wholesale trade, except of motor vehicles and motorcycles	68.7	27.6	2.5	1.2	3,477	100.0
47 - Retail trade, except of motor vehicles and motorcycles	92.2	6.3	1.4	.1	35,089	100.0
49 - Land transport and transport via pipelines	29.5	46.9	14.1	9.4	1,286	100.0
50 - Water transport	11.8	46.8	27.6	13.8	62	100.0
51 - Air transport	36.7	45.9	6.1	11.4	223	100.0
52 - Warehousing and support activities for transportation	32.6	50.6	11.6	5.2	970	100.0
53 - Postal and courier activities	6.2	70.3	11.0	12.5	138	100.0
55 - Accommodation	51.2	41.4	3.7	3.7	1,521	100.0
56 - Food and beverage service activities	63.4	34.2	1.4	1.0	4,365	100.0
58 - Publishing activities	31.3	63.7	1.0	4.0	100	100.0
59 - Motion picture, video and television programme production, sound recording and music publishing activities	62.0	33.7	4.3	0.0	46	100.0
60 - Programming and broadcasting activities	2.1	93.7	2.1	2.1	47	100.0
61 - Telecommunications	67.4	28.7	1.7	2.2	414	100.0
62 - Computer programming, consultancy and related activities	42.5	53.5	1.8	2.2	274	100.0
63 - Information service activities	32.1	59.8	5.1	3.0	99	100.0
64 - Financial service activities, except insurance and pension funding	63.8	32.2	1.5	2.5	2,445	100.0
65 - Insurance, reinsurance and pension funding, except compulsory social security	72.0	15.7	2.9	9.4	308	100.0
66 - Activities auxiliary to financial service and insurance activities	91.5	7.2	0.6	0.7	1,606	100.0
68 - Real estate activities	72.3	23.4	2.7	1.6	1,983	100.0
69 - Legal and accounting activities	18.2	73.0	5.9	2.8	228	100.0
70 - Activities of head offices; management consultancy activities	47.8	30.4	5.6	16.2	290	100.0
71 - Architectural and engineering activities; technical testing and analysis	12.2	82.5	3.4	1.9	684	100.0
72 - Scientific research and development	43.6	36.9	8.3	11.2	82	100.0
73 - Advertising and market research	30.5	46.9	9.3	13.2	208	100.0
74 - Other professional, scientific and technical activities	80.6	16.9	1.1	1.4	2,519	100.0
75 - Veterinary activities	0.0	100.0	0.0	0.0	2	100.0
77 - Rental and leasing activities	36.6	51.8	3.9	7.7	111	100.0
78 - Employment activities	54.2	23.9	6.9	15.0	59	100.0
79 - Travel agency, tour operator, reservation service and related activities	86.8	11.1	1.6	0.6	7,105	100.0
80 - Security and investigation activities	0.0	38.8	20.3	40.9	270	100.0
81 - Services to buildings and landscape activities	23.2	48.5	7.3	21.0	90	100.0
82 - Office administrative, office support and other business support activities	85.1	11.8	1.4	1.7	705	100.0
85 - Education	18.6	76.4	4.5	0.4	12,442	100.0
86 - Human health activities	17.7	58.5	14.9	8.9	868	100.0
87 - Residential care activities	0.0	91.5	8.5	0.0	90	100.0
88 - Social work activities without accommodation	19.0	68.3	7.9	4.8	527	100.0
90 - Creative, arts and entertainment activities	42.6	44.8	5.8	6.8	42	100.0
91 - Libraries, archives, museums and other cultural activities	8.4	91.6	0.0	0.0	29	100.0
92 - Gambling and betting activities	6.9	50.7	7.6	34.7	26	100.0
93 - Sports activities and amusement and recreation activities	93.0	4.1	0.9	2.0	753	100.0
94 - Activities of membership organizations	39.7	38.9	7.3	14.1	834	100.0
95 - Repair of computers and personal and household goods	33.2	56.3	0.0	10.5	41	100.0
96 - Other personal service activities	80.8	18.1	0.5	0.6	4,854	100.0

Table 3.7b: Proportion of Enterprises' Employment Levels by Economic Activity, 2016

Economic Activity	Number of Employees					
	0 - 9	10 - 49	50 - 100	>100	Total	
Total	70.7	25.4	2.5	1.4	89,791	100
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	81.2	17.0	1.4	.4	2,468	100
46 - Wholesale trade, except of motor vehicles and motorcycles	69.0	27.3	2.6	1.1	3,478	100
47 - Retail trade, except of motor vehicles and motorcycles	91.7	6.8	1.4	.1	35,092	100
49 - Land transport and transport via pipelines	29.0	47.5	14.7	8.8	1,286	100
50 - Water transport	25.6	46.8	13.8	13.8	62	100
51 - Air transport	31.1	48.5	9.0	11.4	223	100
52 - Warehousing and support activities for transportation	34.2	49.0	11.6	5.2	970	100
53 - Postal and courier activities	12.5	64.1	11.0	12.5	138	100
55 - Accommodation	51.0	41.7	3.9	3.4	1,521	100
56 - Food and beverage service activities	67.5	30.2	1.4	0.9	4,365	100
58 - Publishing activities	34.5	61.5	0.0	4.0	100	100
59 - Motion picture, video and television programme production, sound recording and music publishing activities	62.0	35.9	2.2	0.0	46	100
60 - Programming and broadcasting activities	2.1	93.7	2.1	2.1	47	100
61 - Telecommunications	67.7	29.2	1.2	1.9	414	100
62 - Computer programming, consultancy and related activities	54.5	42.2	1.5	1.8	274	100
63 - Information service activities	33.6	58.2	4.1	4.1	99	100
64 - Financial service activities, except insurance and pension funding	64.4	31.6	1.6	2.5	2,445	100
65 - Insurance, reinsurance and pension funding, except compulsory social security	72.0	15.0	3.9	9.1	308	100
66 - Activities auxiliary to financial service and insurance activities	91.9	6.8	0.7	0.6	1,606	100
68 - Real estate activities	72.7	23.6	2.1	1.6	1,983	100
69 - Legal and accounting activities	24.6	66.6	5.9	2.8	228	100
70 - Activities of head offices; management consultancy activities	46.2	30.6	6.9	16.2	290	100
71 - Architectural and engineering activities; technical testing and analysis	12.6	82.0	3.4	1.9	684	100
72 - Scientific research and development	43.6	36.9	15.1	4.3	82	100
73 - Advertising and market research	29.3	54.2	3.3	13.2	208	100
74 - Other professional, scientific and technical activities	81.8	15.8	1.0	1.4	2,519	100
75 - Veterinary activities	0.0	100.0	0.0	0.0	2	100
77 - Rental and leasing activities	40.2	48.2	3.9	7.7	111	100
78 - Employment activities	46.9	31.2	6.9	15.0	59	100
79 - Travel agency, tour operator, reservation service and related activities	87.0	11.4	1.0	0.6	7,105	100
80 - Security and investigation activities	1.8	36.2	19.5	42.5	270	100
81 - Services to buildings and landscape activities	23.2	41.3	14.5	21.0	90	100
82 - Office administrative, office support and other business support activities	86.4	9.9	2.0	1.7	705	100
85 - Education	20.7	74.4	4.2	0.8	12,443	100
86 - Human health activities	15.2	58.6	14.0	12.2	868	100
87 - Residential care activities	0.0	89.2	10.8	0.0	90	100
88 - Social work activities without accommodation	19.3	66.8	8.8	5.1	527	100
90 - Creative, arts and entertainment activities	42.6	44.8	5.8	6.8	42	100
91 - Libraries, archives, museums and other cultural activities	8.4	91.6	0.0	0.0	29	100
92 - Gambling and betting activities	6.9	50.7	7.6	34.7	26	100
93 - Sports activities and amusement and recreation activities	92.5	4.6	0.9	2.0	753	100
94 - Activities of membership organizations	39.7	39.0	7.3	14.0	838	100
95 - Repair of computers and personal and household goods	33.2	56.3	0.0	10.5	41	100
96 - Other personal service activities	81.0	17.9	0.6	0.6	4,854	100

Earnings from Employment

3.14 Average earnings are derived as the average amount of money that workers earn in an industry, area, or economy during a specific period. The survey results showed no significant difference in average earnings from employment between 2015 and 2016**.** Table 3.3 presents the average earnings from employment in 2015 and 2016. The lowest levels of average earnings (below KSh 200,000 per annum) were reported in activities of Retail trade, services to buildings and landscaping activities and Security and investigations Activities. On the other hand, survey findings showed that activities related to Air transport, Telecommunications, Insurance and, Reinsurance and Pension Funding, Information Service Activities and legal and accounting activities remunerated their employees better than most of the other activities.

3.15 Survey findings revealed that, about 46.4 per cent of the enterprises spent less than half a million Kenya shillings annually on employees' pay. In 2016, the lowest paying enterprises were majorly reported in activities of Retail trade, Education and Office administrative, office support and other business support. Largely, the results also showed that most enterprises on average paid their employees between KSh half a million and Ksh 10 million per annum. The results further showed that 6.3 per cent of the enterprises paid their employees over KSh 10 million in 2016. Enterprises engaged in retail trade activities accounted for the highest proportion of those that paid their employees less than 500,000 shillings in 2015 and 2016. Earnings from activities of air transport sector were comparably higher than other sectors.

Figure 3.5. Ratio of Personal Emoluments to Total Remuneration of Employees

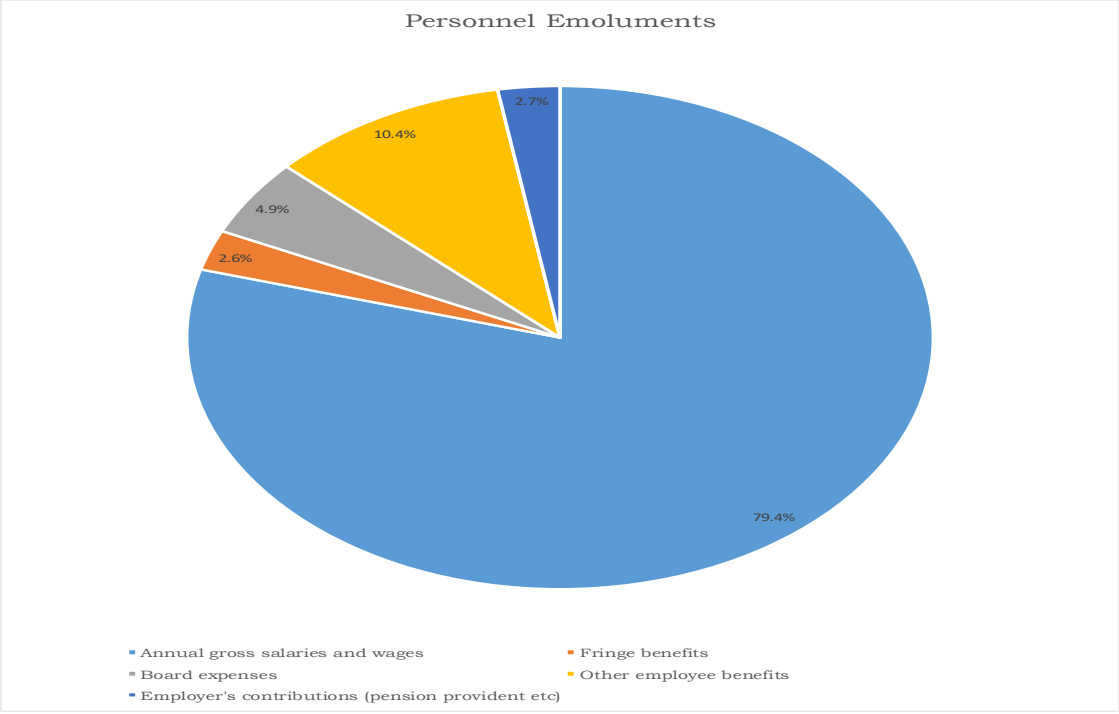


Table 3.8: Average Earnings from Employment, 2015-2016

Economic Activity	Average Earnings	
	2015	2016
Total	481,846	530,767
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	342,971	362,369
46 - Wholesale trade, except of motor vehicles and motorcycles	346,305	387,233
47 - Retail trade, except of motor vehicles and motorcycles	159,721	166,900
49 - Land transport and transport via pipelines	346,039	387,361
50 - Water transport	944,129	1,178,848
51 - Air transport	1,321,624	1,506,486
52 - Warehousing and support activities for transportation	513,564	542,516
53 - Postal and courier activities	818,235	855,372
55 - Accommodation	408,758	450,669
56 - Food and beverage service activities	212,046	221,423
58 - Publishing activities	965,994	970,577
59 - Motion picture, video and television programme production, sound recording and music publishing activities	300,352	421,762
60 - Programming and broadcasting activities	1,356,810	1,312,644
61 - Telecommunications	1,951,321	1,995,225
62 - Computer programming, consultancy and related activities	1,277,831	1,230,140
63 - Information service activities	1,311,226	2,663,628
64 - Financial service activities, except insurance and pension funding	1,455,904	1,615,729
65 - Insurance, reinsurance and pension funding, except compulsory social security	1,796,633	2,099,362
66 - Activities auxiliary to financial service and insurance activities	883,361	1,096,389
68 - Real estate activities	609,955	844,009
69 - Legal and accounting activities	1,707,103	2,388,450
70 - Activities of head offices; management consultancy activities	615,452	618,728
71 - Architectural and engineering activities; technical testing and analysis	983,807	993,963
72 - Scientific research and development	655,589	650,130
73 - Advertising and market research	748,013	817,274
74 - Other professional, scientific and technical activities	411,058	316,273
75 - Veterinary activities	485,631	493,862
77 - Rental and leasing activities	622,800	439,049
78 - Employment activities	282,128	242,380
79 - Travel agency, tour operator, reservation service and related activities	188,000	200,075
80 - Security and investigation activities	154,080	195,499
81 - Services to buildings and landscape activities	104,074	103,682
82 - Office administrative, office support and other business support activities	191,277	201,858
85 - Education	191,599	202,467
86 - Human health activities	1,212,284	1,466,957
87 - Residential care activities	163,378	167,668
88 - Social work activities without accommodation	247,571	302,570
90 - Creative, arts and entertainment activities	489,099	510,392
91 - Libraries, archives, museums and other cultural activities	197,549	296,600
92 - Gambling and betting activities	427,909	662,173
93 - Sports activities and amusement and recreation activities	306,153	317,602
94 - Activities of membership organizations	230,973	269,345
95 - Repair of computers and personal and household goods	109,857	211,467
96 - Other personal service activities	242,557	273,800

Table 3.9a: Proportion of Enterprises by Earnings from Employment and Economic Activity, 2015

Economic Activity	Earnings from Employment						Total	
	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000		
Total	46.4	15.1	32.4	4.5	0.8	0.9	80,721	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	55.8	6.4	34.0	3.1	.3	.4	2,418	100.0
46 - Wholesale trade, except of motor vehicles and motorcycles	41.2	8.4	43.7	5.0	1.0	0.6	3,439	100.0
47 - Retail trade, except of motor vehicles and motorcycles	73.4	11.7	14.2	0.6	.1	.0	33,196	100.0
49 - Land transport and transport via pipelines	5.5	18.4	53.4	16.4	2.5	3.7	1,281	100.0
50 - Water transport	0.0	0.0	45.5	40.7	0.0	13.8	62	100.0
51 - Air transport	2.6	0.0	38.3	36.7	8.5	14.0	223	100.0
52 - Warehousing and support activities for transportation	5.9	2.6	58.1	21.0	6.2	6.2	955	100.0
53 - Postal and courier activities	0.0	0.0	73.3	14.2	0.0	12.5	121	100.0
55 - Accommodation	37.4	4.8	49.0	6.0	1.4	1.3	1,507	100.0
56 - Food and beverage service activities	26.9	42.7	28.1	1.6	.3	.5	4,324	100.0
58 - Publishing activities	9.5	10.0	54.2	22.4	3.0	1.0	101	100.0
59 - Motion picture, video and television programme production, sound recording and music publishing activities	4.9	9.1	79.0	7.0	0.0	0.0	47	100.0
60 - Programming and broadcasting activities	2.1	11.7	50.7	24.8	6.6	4.2	47	100.0
61 - Telecommunications	2.0	6.0	73.8	15.9	0.2	1.9	411	100.0
62 - Computer programming, consultancy and related activities	3.4	4.0	58.7	23.1	7.5	3.3	269	100.0
63 - Information service activities	0.0	21.1	33.7	26.3	10.3	8.5	98	100.0
64 - Financial service activities, except insurance and pension funding	10.4	4.7	74.5	6.8	1.0	2.6	2,419	100.0
65 - Insurance, reinsurance and pension funding, except compulsory social security	23.4	11.2	29.2	16.4	1.9	17.9	213	100.0
66 - Activities auxiliary to financial service and insurance activities	28.7	27.2	38.1	3.4	1.5	1.1	1,602	100.0
68 - Real estate activities	10.1	39.9	35.7	11.3	1.5	1.5	1,927	100.0
69 - Legal and accounting activities	0.0	5.3	61.3	25.8	2.1	5.5	201	100.0
70 - Activities of head offices; management consultancy activities	16.5	0.0	37.6	26.4	7.3	12.2	272	100.0
71 - Architectural and engineering activities; technical testing and analysis	.6	80.8	11.6	3.3	2.6	1.2	1,131	100.0
72 - Scientific research and development	4.4	0.0	17.1	61.1	14.2	3.2	79	100.0
73 - Advertising and market research	11.6	0.0	31.0	37.9	10.3	9.2	210	100.0
74 - Other professional, scientific and technical activities	65.7	11.8	8.4	13.1	.9	.2	2,491	100.0
75 - Veterinary activities	0.0	0.0	100.0	0.0	0.0	0.0	3	100.0
77 - Rental and leasing activities	6.5	2.2	59.4	18.2	13.7	0.0	105	100.0
78 - Employment activities	7.8	0.0	35.2	49.1	0.0	7.8	55	100.0
79 - Travel agency, tour operator, reservation service and related activities	62.7	1.9	24.4	8.9	1.2	1.0	1,036	100.0
80 - Security and investigation activities	4.0	3.5	46.8	33.5	1.6	10.6	264	100.0
81 - Services to buildings and landscape activities	5.0	13.1	59.9	16.7	0.0	5.4	86	100.0
82 - Office administrative, office support and other business support activities	4.2	32.3	47.2	11.8	2.2	2.4	199	100.0
85 - Education	26.6	16.4	51.9	4.4	.3	.4	11,962	100.0
86 - Human health activities	2.2	2.6	62.4	19.8	4.2	8.8	856	100.0
87 - Residential care activities	2.3	1.1	91.7	5.0	0.0	0.0	92	100.0
88 - Social work activities without accommodation	11.6	4.3	68.1	14.4	1.0	0.6	507	100.0
90 - Creative, arts and entertainment activities	0.0	20.6	65.6	0.0	13.8	0.0	38	100.0
91 - Libraries, archives, museums and other cultural activities	88.1	0.0	8.4	0.0	3.4	0.0	29	100.0
92 - Gambling and betting activities	0.0	0.0	27.5	44.2	21.4	6.9	26	100.0
93 - Sports activities and amusement and recreation activities	0.0	90.2	6.9	2.1	.3	.4	760	100.0
94 - Activities of membership organizations	20.7	18.0	35.4	16.4	7.3	2.1	773	100.0
95 - Repair of computers and personal and household goods	0.0	0.0	89.5	0.0	10.5	0.0	41	100.0
96 - Other personal service activities	33.0	1.2	64.1	1.5	.2	0.0	4,845	100.0

Table 3.9b: Proportion of Enterprises by Earnings from Employment and Economic Activity, 2016

Economic Activity	Earnings from Employment						Total	
	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000		
Total	44.9	18.9	29.9	4.6	0.8	0.9	83,094	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	55.1	14.5	26.2	3.5	.3	.4	2,426	100.0
46 - Wholesale trade, except of motor vehicles and motorcycles	35.1	21.0	36.7	5.3	1.4	0.6	3,448	100.0
47 - Retail trade, except of motor vehicles and motorcycles	72.3	15.6	11.3	0.7	.1	.1	33,197	100.0
49 - Land transport and transport via pipelines	5.3	18.4	52.8	16.6	3.9	3.0	1,281	100.0
50 - Water transport	0.0	0.0	45.5	40.7	0.0	13.8	62	100.0
51 - Air transport	0.0	2.6	35.7	36.7	11.1	14.0	223	100.0
52 - Warehousing and support activities for transportation	3.9	3.5	55.3	27.3	3.9	6.1	963	100.0
53 - Postal and courier activities	0.0	0.0	67.9	19.6	0.0	12.5	121	100.0
55 - Accommodation	35.9	6.6	48.1	6.7	1.2	1.4	1,520	100.0
56 - Food and beverage service activities	30.8	44.3	22.4	1.6	.3	.5	4,347	100.0
58 - Publishing activities	8.5	4.2	63.5	20.8	2.0	1.0	101	100.0
59 - Motion picture, video and television programme production, sound recording and music publishing activities	0.0	9.1	74.4	16.6	0.0	0.0	47	100.0
60 - Programming and broadcasting activities	2.1	11.7	50.7	24.8	0.0	10.8	47	100.0
61 - Telecommunications	2.0	6.0	74.4	14.2	1.4	1.9	413	100.0
62 - Computer programming, consultancy and related activities	1.8	1.2	59.1	28.8	5.7	3.3	266	100.0
63 - Information service activities	0.0	9.8	40.6	30.7	6.7	12.1	98	100.0
64 - Financial service activities, except insurance and pension funding	9.5	4.7	75.0	6.9	1.1	2.8	2,419	100.0
65 - Insurance, reinsurance and pension funding, except compulsory social security	22.9	10.4	29.6	16.3	1.5	19.2	214	100.0
66 - Activities auxiliary to financial service and insurance activities	28.4	27.6	38.0	3.2	1.6	1.2	1,602	100.0
68 - Real estate activities	9.3	39.7	36.5	11.2	1.6	1.7	1,927	100.0
69 - Legal and accounting activities	0.0	5.3	56.0	31.1	2.1	5.5	201	100.0
70 - Activities of head offices; management consultancy activities	12.1	1.4	37.9	31.1	5.6	11.8	280	100.0
71 - Architectural and engineering activities; technical testing and analysis	.3	81.1	12.6	2.2	2.3	1.5	1,126	100.0
72 - Scientific research and development	4.4	0.0	51.0	27.2	14.2	3.2	79	100.0
73 - Advertising and market research	8.9	4.0	29.9	36.8	11.2	9.2	210	100.0
74 - Other professional, scientific and technical activities	3.0	74.2	9.3	12.3	1.1	.2	2,480	100.0
75 - Veterinary activities	0.0	0.0	100.0	0.0	0.0	0.0	3	100.0
77 - Rental and leasing activities	6.5	0.0	67.0	20.6	5.9	0.0	105	100.0
78 - Employment activities	7.8	0.0	34.9	49.4	0.0	7.8	55	100.0
79 - Travel agency, tour operator, reservation service and related activities	62.4	3.7	22.2	9.5	1.0	1.3	1,045	100.0
80 - Security and investigation activities	1.2	8.0	43.5	29.0	5.8	12.5	258	100.0
81 - Services to buildings and landscape activities	5.0	10.0	63.0	16.7	0.0	5.4	86	100.0
82 - Office administrative, office support and other business support activities	72.1	8.6	14.7	2.7	1.2	0.7	699	100.0
85 - Education	26.0	15.9	53.0	4.5	.3	.3	12,217	100.0
86 - Human health activities	2.5	1.9	61.2	20.6	5.1	8.7	860	100.0
87 - Residential care activities	2.3	1.1	89.4	7.3	0.0	0.0	92	100.0
88 - Social work activities without accommodation	9.8	8.0	69.3	10.8	1.5	0.6	508	100.0
90 - Creative, arts and entertainment activities	0.0	20.6	65.6	0.0	6.3	7.5	38	100.0
91 - Libraries, archives, museums and other cultural activities	88.1	0.0	8.4	0.0	0.0	3.4	29	100.0
92 - Gambling and betting activities	0.0	0.0	27.5	30.1	35.5	6.9	26	100.0
93 - Sports activities and amusement and recreation activities	0.0	90.2	6.4	2.6	.3	.4	760	100.0
94 - Activities of membership organizations	13.3	16.7	43.2	18.6	4.5	3.7	787	100.0
95 - Repair of computers and personal and household goods	0.0	27.0	41.6	21.0	0.0	10.5	41	100.0
96 - Other personal service activities	49.2	0.3	49.3	1.1	.1	0.0	6,385	100.0

Gross Fixed Capital Formation

3.16 Gross Fixed Capital Formation (GFCF) refers to addition to fixed assets, net disposals, during an accounting period. It also includes certain additions to the value of non-produced assets during an accounting period. Fixed assets are tangible or intangible assets produced as outputs from production processes that are used repeatedly, or continuously in the process of production for more than one year.

3.17 Table 3.9a and 3.9b showed proportions of enterprises by economic activity and investment in fixed assets in 2015 and 2016, respectively. Survey results showed that 57.7 per cent and 44.0 per cent of enterprises in the service sector invested less than KSh 200,000 in fixed assets, respectively, in 2015 and 2016. Most of the enterprises that spent over 100 million shillings were mainly in Land Transport (39.5%), Rental and Leasing Activities (42.7%), Insurance and Reinsurance Activities (42.3%). Approximately 15.0 per cent of enterprises spent 5 million shillings and above in investment in fixed assets in 2016. Investment in fixed assets of more than KSh10 million was more pronounced in enterprises involved in telecommunication activities (55.6), Insurance, reinsurance and pension funding, except compulsory social security (55.8%) and publishing activities (33.3%) in 2016.

Table 3.10a: Proportion of Enterprises by Value of Gross Fixed Capital Formation and Economic Activity, 2015

Economic Activity	<200,000	200,001-500,000	500,001-1,000,000	1,000,001-5,000,000	5,000,001-10,000,000	>10,000,000	Total	
Total	57.7	7.2	9.0	16.0	3.7	6.4	17689	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	33.7	6.8	2.8	54.3	0.9	1.5	455	100.0
46 - Wholesale trade, except of motor vehicles and motorcycles	42.6	7.1	4.0	39.2	2.4	4.7	856	100.0
47 - Retail trade, except of motor vehicles and motorcycles	71.9	4.5	11.8	8.4	2.0	1.5	2890	100.0
49 - Land transport and transport via pipelines	5.8	25.5	3.8	28.7	8.0	28.3	685	100.0
50 - Water transport	0.0	0.0	0.0	49.8	50.2	0.0	17	100.0
51 - Air transport	14.3	4.1	8.7	25.6	5.7	41.5	141	100.0
52 - Warehousing and support activities for transportation	23.1	13.1	1.9	28.5	19.7	13.6	452	100.0
53 - Postal and courier activities	0.0	0.0	0.0	58.9	0.0	41.1	37	100.0
55 - Accommodation	65.7	7.0	7.8	11.7	2.5	5.4	487	100.0
56 - Food and beverage service activities	71.3	5.4	7.6	9.1	2.9	3.7	740	100.0
58 - Publishing activities	32.4	36.8	3.3	0.0	10.8	16.6	30	100.0
59 - Motion picture, video and television programme production, sound recording and music publishing activities	50.0	0.0	25.0	25.0	0.0	0.0	18	100.0
60 - Programming and broadcasting activities	20.2	0.0	0.0	47.4	14.0	18.5	22	100.0
61 - Telecommunications	30.7	11.0	0.0	25.8	14.0	18.4	89	100.0
62 - Computer programming, consultancy and related activities	40.0	11.0	14.7	27.5	3.0	3.8	134	100.0
63 - Information service activities	40.7	22.5	8.1	21.9	2.3	4.6	44	100.0
64 - Financial service activities, except insurance and pension funding	68.7	7.8	5.6	6.5	1.5	9.8	849	100.0
65 - Insurance, reinsurance and pension funding, except compulsory social security	20.1	6.4	5.1	15.8	9.8	42.7	64	100.0
66 - Activities auxiliary to financial service and insurance activities	91.7	1.4	2.4	1.9	1.0	1.5	1014	100.0
68 - Real estate activities	36.7	7.5	4.1	21.2	5.4	25.2	427	100.0
69 - Legal and accounting activities	32.8	27.0	8.1	28.2	0.0	3.9	117	100.0
70 - Activities of head offices; management consultancy activities	28.5	15.7	5.0	32.6	5.1	13.0	159	100.0
71 - Architectural and engineering activities; technical testing and analysis	15.2	12.2	20.2	35.8	6.0	10.6	120	100.0
72 - Scientific research and development	27.9	6.8	22.3	16.3	26.7	0.0	63	100.0
73 - Advertising and market research	18.2	9.2	17.8	26.7	16.2	11.9	117	100.0
74 - Other professional, scientific and technical activities	81.9	1.3	2.2	12.2	1.1	1.3	2019	100.0
77 - Rental and leasing activities	28.8	0.0	0.0	21.9	17.1	32.2	50	100.0
78 - Employment activities	47.1	0.0	0.0	41.1	0.0	11.8	36	100.0
79 - Travel agency, tour operator, reservation service and related activities	40.4	10.9	2.2	27.7	9.2	9.6	145	100.0
80 - Security and investigation activities	9.2	3.9	30.1	30.3	13.3	13.2	92	100.0
81 - Services to buildings and landscape activities	21.6	12.3	12.3	33.9	19.9	0.0	35	100.0
82 - Office administrative, office support and other business support activities	71.7	6.9	4.2	10.5	3.3	3.4	124	100.0
85 - Education	44.5	13.3	8.1	20.9	6.4	6.8	1935	100.0
86 - Human health activities	30.9	11.5	13.6	19.7	4.2	20.0	382	100.0
87 - Residential care activities	36.9	15.1	0.0	41.2	6.8	0.0	31	100.0
88 - Social work activities without accommodation	49.4	8.3	6.9	29.0	5.6	0.8	256	100.0
90 - Creative, arts and entertainment activities	34.8	11.9	0.0	29.6	0.0	23.7	24	100.0
92 - Gambling and betting activities	31.6	0.0	47.3	10.5	10.5	0.0	17	100.0
93 - Sports activities and amusement and recreation activities	13.6	13.6	0.0	34.1	0.0	38.6	26	100.0
94 - Activities of membership organizations	27.5	20.2	13.1	25.6	7.9	5.7	329	100.0
95 - Repair of computers and personal and household goods	0.0	100.0	0.0	0.0	0.0	0.0	4	100.0
96 = Other personal service activities	73.2	1.2	23.6	1.3	.2	0.5	2155	100.0

Figure 3.6: Gross Fixed Capital Formation

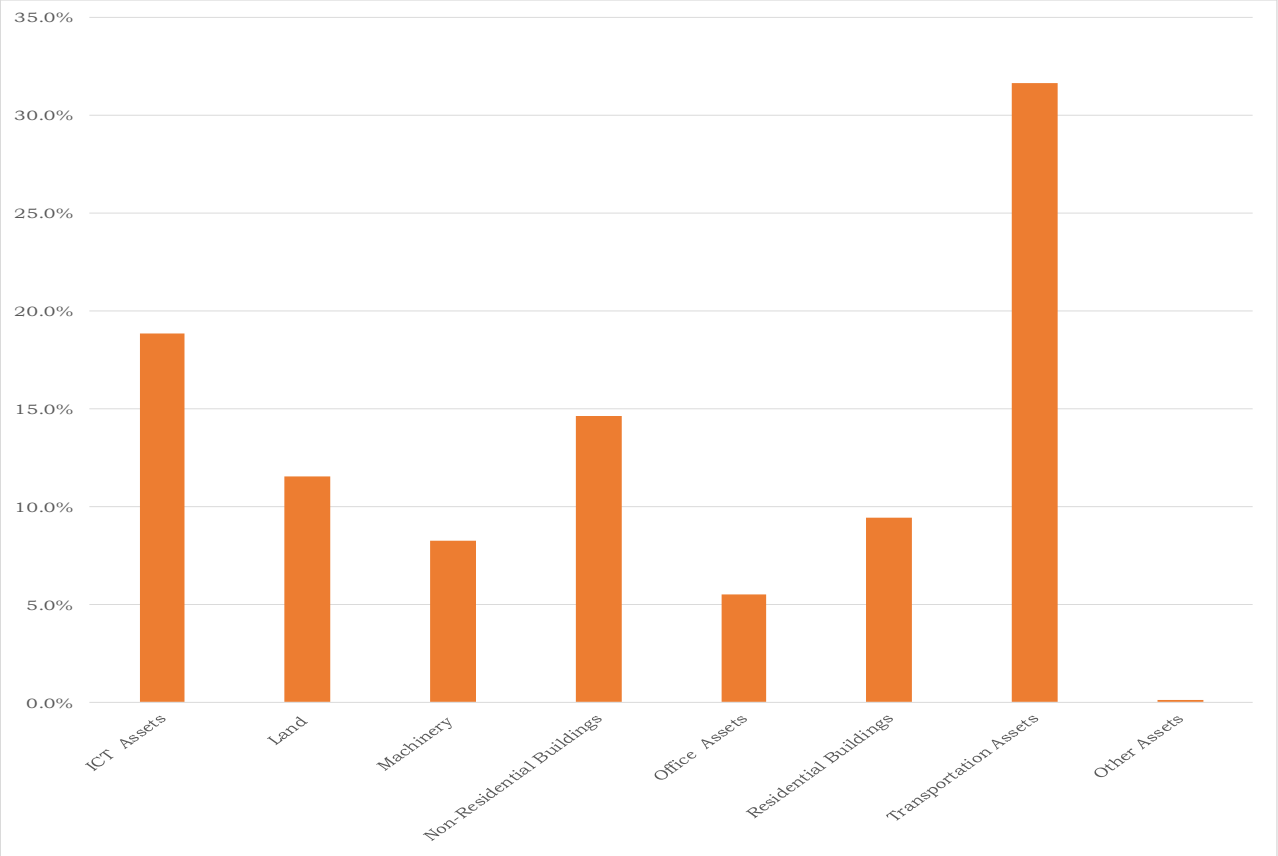


Table 3.10b: Proportion of Enterprises by Value of Gross Fixed Capital Formation and Economic Activity, 2016

Economic Activity	<200,000	200,001-500,000	500,001-1,000,000	1,000,001-5,000,000	5,000,001-10,000,000	>10,000,000	Total	
Total	44.0	15.7	7.4	18.6	7.8	6.4	18681	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	33.9	6.1	5.2	49.1	2.6	3.2	505	100.0
46 - Wholesale trade, except of motor vehicles and motorcycles	53.9	5.6	8.5	18.6	4.6	8.8	743	100.0
47 - Retail trade, except of motor vehicles and motorcycles	53.6	16.6	10.8	13.9	3.6	1.4	3411	100.0
49 - Land transport and transport via pipelines	16.8	3.6	4.9	17.8	17.3	39.5	478	100.0
50 - Water transport	42.0	28.9	0.0	0.0	0.0	29.1	29	100.0
51 - Air transport	32.1	7.7	5.1	4.1	14.0	37.0	160	100.0
52 - Warehousing and support activities for transportation	22.3	4.6	18.4	23.4	15.2	16.1	453	100.0
53 - Postal and courier activities	13.1	17.1	0.0	26.3	30.3	13.1	50	100.0
55 - Accommodation	33.1	24.7	4.2	14.9	10.3	12.9	337	100.0
56 - Food and beverage service activities	45.2	29.3	5.6	12.1	3.4	4.3	746	100.0
58 - Publishing activities	25.8	17.9	8.0	23.4	0.0	24.9	50	100.0
59 - Motion picture, video and television programme production, sound recording and music publishing activities	67.1	5.1	22.7	0.0	0.0	5.1	20	100.0
60 - Programming and broadcasting activities	0.0	0.0	28.4	30.3	14.6	26.6	38	100.0
61 - Telecommunications	29.8	17.9	0.0	20.9	6.7	24.7	88	100.0
62 - Computer programming, consultancy and related activities	31.8	27.5	12.1	17.3	3.5	7.9	139	100.0
63 - Information service activities	19.7	8.9	19.3	33.6	17.0	1.6	62	100.0
64 - Financial service activities, except insurance and pension funding	35.1	27.2	2.4	30.4	1.5	3.5	1858	100.0
65 - Insurance, reinsurance and pension funding, except compulsory social security	25.6	9.0	3.2	10.8	9.1	42.3	72	100.0
66 - Activities auxiliary to financial service and insurance activities	84.3	3.7	0.4	8.2	0.7	2.7	540	100.0
68 - Real estate activities	33.0	9.8	15.0	17.7	6.3	18.2	493	100.0
69 - Legal and accounting activities	42.2	20.7	18.8	10.7	3.1	4.5	146	100.0
70 - Activities of head offices; management consultancy activities	35.2	17.6	11.5	25.5	6.7	3.5	179	100.0
71 - Architectural and engineering activities; technical testing and analysis	23.3	6.6	13.7	41.9	2.6	11.9	138	100.0
72 - Scientific research and development	38.5	22.6	5.0	21.4	0.0	12.4	46	100.0
73 - Advertising and market research	24.4	19.5	5.1	28.8	10.1	12.2	112	100.0
74 - Other professional, scientific and technical activities	83.0	2.0	1.1	12.8	0.6	0.5	2036	100.0
77 - Rental and leasing activities	26.5	30.8	0.0	0.0	0.0	42.7	48	100.0
78 - Employment activities	42.9	28.3	14.6	14.1	0.0	0.0	30	100.0
79 - Travel agency, tour operator, reservation service and related activities	40.0	2.6	3.8	29.1	17.6	6.9	163	100.0
80 - Security and investigation activities	37.1	12.8	11.1	19.4	9.8	9.9	126	100.0
81 - Services to buildings and landscape activities	15.6	9.1	20.5	36.4	0.0	18.3	47	100.0
82 - Office administrative, office support and other business support activities	9.8	84.9	.8	3.8	.7	0.0	613	100.0
85 - Education	40.5	14.2	10.1	21.6	8.5	5.1	2770	100.0
86 - Human health activities	26.0	9.1	6.5	27.9	9.8	20.8	421	100.0
87 - Residential care activities	17.1	16.3	37.1	13.6	15.9	0.0	41	100.0
88 - Social work activities without accommodation	28.7	14.1	27.0	25.5	2.6	2.1	271	100.0
90 - Creative, arts and entertainment activities	25.4	20.3	13.6	27.2	0.0	13.6	21	100.0
92 - Gambling and betting activities	9.8	9.8	9.8	40.5	9.8	20.2	18	100.0
93 - Sports activities and amusement and recreation activities	0.0	12.5	8.2	43.8	0.0	35.5	28	100.0
94 - Activities of membership organizations	26.6	17.8	9.1	19.3	18.3	9.0	357	100.0
95 - Repair of computers and personal and household goods	50.0	25.0	25.0	0.0	0.0	0.0	17	100.0
96 - Other personal service activities	25.5	1.6	1.6	6.1	64.5	0.7	783	100.0

Note: The values exclude value of inventories

3.18 Survey results also showed that the proportions of enterprises that invested more than 10 million shillings were in insurance, reinsurance and pension funding activities (55.8%), telecommunication services (55.6%) and air transport (40.0%) in 2016.

Stock of Fixed Assets

3.19 Table 3.10a and Table 3.10b present information on enterprises' values of their stock of fixed assets as at the end of 2015 and 2016. The survey sought information on the stock of fixed assets owned by the enterprises as at the end of 2015 and 2016. Overall, most of the enterprises reported having stocks of fixed assets of not more than KSh 10.0 million in both 2015 and 2016. Relatively high proportions of enterprises that had accumulated fixed assets valued above 50 million shillings as at the end of 2016 were mainly in enterprises involved in programming and broadcasting (64.4%), real estate (65.3%), and gambling and betting activities (63.1%). Low proportions of enterprises that reported investment in fixed assets of more than 50 million were in retail trade activities (4.9%), activities auxiliary to financial service and insurance activities (3.2%) and sports activities and amusement and recreation activities (3.4%).

Figure 3.7: Proportions of stock of Fixed Assets Accumulated by Service Industries

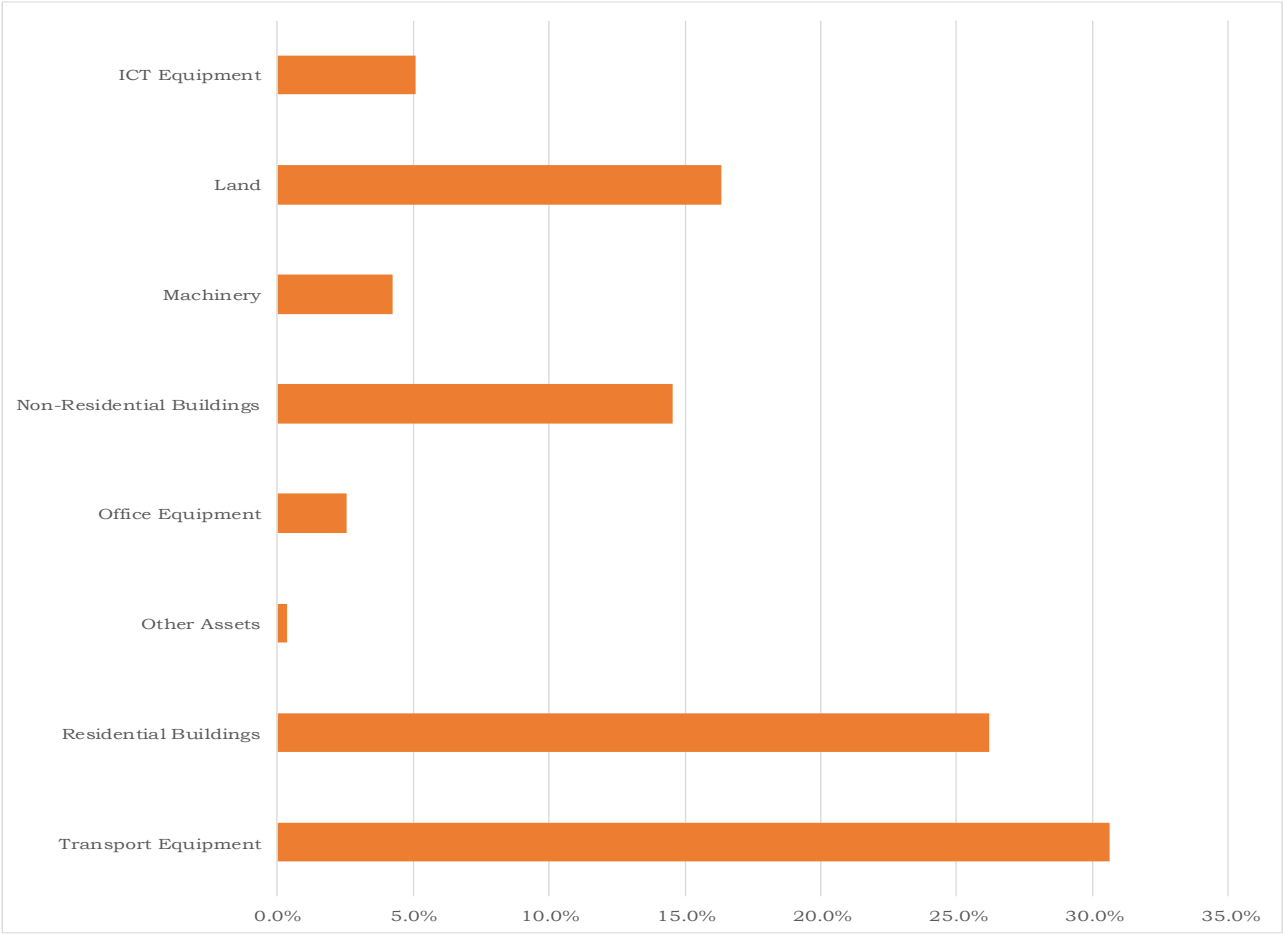


Table 3.11a: Proportion of Enterprises by Value of Stock of Fixed of Assets and Economic Activity, 2015

Economic Activity	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	>100,000,000	Total	
Total	37.8	7.0	38.9	12.7	1.5	2.0	61,082	100
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	28.7	6.9	49.7	13.9	.4	.4	1,892	100
46 - Wholesale trade, except of motor vehicles and motorcycles	31.6	15.0	41.8	8.1	2.0	1.6	2,287	100
47 - Retail trade, except of motor vehicles and motorcycles	63.7	3.1	29.4	3.5	.2	.1	22,753	100
49 - Land transport and transport via pipelines	2.0	3.5	43.2	28.8	10.6	11.9	1,222	100
50 - Water transport	0.0	46.1	16.2	18.8	18.9	0.0	45	100
51 - Air transport	9.3	0.0	37.8	17.7	6.7	28.5	217	100
52 - Warehousing and support activities for transportation	15.9	7.4	44.8	22.6	4.4	5.0	881	100
53 - Postal and courier activities	0.0	20.7	29.9	33.7	0.0	15.6	84	100
55 - Accommodation	5.4	2.4	59.4	15.5	8.3	9.1	913	100
56 - Food and beverage service activities	27.6	8.2	45.7	15.8	0.7	2.0	2,629	100
58 - Publishing activities	19.3	7.7	47.9	18.6	0.0	6.4	78	100
59 - Motion picture, video and television programme production, sound recording and music publishing activities	10.2	23.8	58.1	5.6	2.4	0.0	42	100
60 - Programming and broadcasting activities	0.0	0.0	40.1	33.9	0.0	26.0	41	100
61 - Telecommunications	64.8	3.0	23.3	4.9	2.7	1.3	390	100
62 - Computer programming, consultancy and related activities	20.8	14.5	50.6	8.7	4.6	0.8	262	100
63 - Information service activities	11.6	26.3	45.6	12.0	0.0	4.4	90	100
64 - Financial service activities, except insurance and pension funding	18.6	22.8	50.5	4.5	0.7	2.9	2,288	100
65 - Insurance, reinsurance and pension funding, except compulsory social security	27.2	3.7	32.8	10.0	8.0	18.2	137	100
66 - Activities auxiliary to financial service and insurance activities	31.9	54.8	10.4	1.7	0.7	0.6	1,570	100
68 - Real estate activities	13.9	5.6	15.4	44.6	5.0	15.5	1,797	100
69 - Legal and accounting activities	10.6	21.7	52.4	9.6	2.3	3.3	196	100
70 - Activities of head offices; management consultancy activities	22.0	16.2	40.5	11.5	4.9	4.8	256	100
71 - Architectural and engineering activities; technical testing and analysis	1.9	1.9	18.2	75.3	1.3	1.3	660	100
72 - Scientific research and development	0.0	23.9	50.7	14.7	10.7	0.0	77	100
73 - Advertising and market research	10.5	6.5	55.5	25.3	0.0	2.2	180	100
74 - Other professional, scientific and technical activities	2.0	0.9	84.8	11.6	0.3	0.4	2,434	100
77 - Rental and leasing activities	2.4	4.4	34.7	11.3	0.0	47.2	98	100
78 - Employment activities	18.6	0.0	71.9	9.6	0.0	0.0	45	100
79 - Travel agency, tour operator, reservation service and related activities	5.9	3.3	77.8	10.1	1.4	1.7	979	100
80 - Security and investigation activities	9.3	8.8	62.9	13.7	3.5	1.7	237	100
81 - Services to buildings and landscape activities	30.0	0.0	47.2	18.0	0.0	4.8	68	100
82 - Office administrative, office support and other business support activities	16.8	26.2	32.6	22.9	0.0	1.5	185	100
85 - Education	22.0	8.7	49.7	16.2	2.1	1.3	8,621	100
86 - Human health activities	23.8	2.7	38.3	20.5	5.5	9.2	783	100
87 - Residential care activities	4.2	5.2	26.1	40.7	12.3	11.5	49	100
88 - Social work activities without accommodation	18.7	5.2	49.7	22.6	2.8	1.0	425	100
90 - Creative, arts and entertainment activities	0.0	6.8	45.5	29.1	11.7	6.8	42	100
91 - Libraries, archives, museums and other cultural activities	8.4	0.0	91.6	0.0	0.0	0.0	29	100
92 - Gambling and betting activities	0.0	7.4	29.5	30.7	7.4	25.0	24	100
93 - Sports activities and amusement and recreation activities	91.8	0.0	4.2	2.6	.4	0.9	745	100
94 - Activities of membership organizations	14.6	5.4	43.0	16.2	11.9	8.9	552	100
95 - Repair of computers and personal and household goods	12.0	34.1	53.9	0.0	0.0	0.0	32	100
96 - Other personal service activities	34.1	1.2	34.8	29.5	.3	0.0	4,743	100

Table 3.11b: Proportion of Enterprises by Stock of Fixed of Assets and Economic Activity, 2016

Economic Activity	<500,000	500,001-1,000,000	1,000,001-10,000,000	10,000,001-50,000,000	100,000,000	>100,000,000	Total	
Total	39.7	6.4	38.0	12.4	1.5	2.1	64,215	100
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	28.7	7.2	48.6	14.6	0.3	.7	1,916	100
46 - Wholesale trade, except of motor vehicles and motorcycles	30.7	15.3	41.9	8.4	1.9	1.8	2,305	100
47 - Retail trade, except of motor vehicles and motorcycles	62.9	4.3	27.9	4.4	0.4	0.1	23,074	100
49 - Land transport and transport via pipelines	2.7	2.7	41.6	30.5	9.4	13.1	1,245	100
50 - Water transport	22.9	0.0	45.3	15.8	0.0	15.9	54	100
51 - Air transport	9.0	0.0	36.8	17.2	9.2	27.8	223	100
52 - Warehousing and support activities for transportation	20.3	3.4	43.7	21.2	6.1	5.4	926	100
53 - Postal and courier activities	0.0	18.8	36.4	23.5	7.1	14.2	93	100
55 - Accommodation	8.0	1.9	55.5	17.8	7.0	9.8	927	100
56 - Food and beverage service activities	26.5	9.4	39.2	22.3	0.5	2.1	2,706	100
58 - Publishing activities	20.5	6.2	47.7	16.3	4.8	4.5	89	100
59 - Motion picture, video and television programme production, sound recording and music publishing activities	10.2	13.1	68.8	5.6	0.0	2.4	42	100
60 - Programming and broadcasting activities	0.0	0.0	35.6	38.4	0.0	26.0	41	100
61 - Telecommunications	61.2	4.4	22.8	6.6	2.6	2.3	402	100
62 - Computer programming, consultancy and related activities	19.2	15.4	51.1	8.9	4.6	0.8	256	100
63 - Information service activities	14.8	15.2	46.7	17.7	3.3	2.2	91	100
64 - Financial service activities, except insurance and pension funding	17.4	3.2	70.7	4.9	0.7	3.0	2,303	100
65 - Insurance, reinsurance and pension funding, except compulsory social security	25.0	6.2	31.2	11.5	5.8	20.4	137	100
66 - Activities auxiliary to financial service and insurance activities	32.1	54.2	10.5	1.9	0.5	0.7	1,571	100
68 - Real estate activities	15.1	3.4	16.2	44.2	5.3	15.7	1,819	100
69 - Legal and accounting activities	10.1	16.8	57.7	9.8	2.3	3.3	196	100
70 - Activities of head offices; management consultancy activities	22.2	22.7	36.1	16.4	2.6	.0	272	100
71 - Architectural and engineering activities; technical testing and analysis	1.9	1.6	87.2	7.9	0.0	1.3	656	100
72 - Scientific research and development	0.0	28.6	46.0	14.7	10.7	0.0	77	100
73 - Advertising and market research	7.9	5.0	66.4	14.3	0.0	6.4	184	100
74 - Other professional, scientific and technical activities	2.8	1.9	83.2	11.2	0.3	0.5	2,469	100
77 - Rental and leasing activities	6.5	4.2	33.2	10.8	8.4	36.8	103	100
78 - Employment activities	18.6	0.0	71.9	9.6	0.0	0.0	45	100
79 - Travel agency, tour operator, reservation service and related activities	6.0	5.7	76.4	9.0	1.7	1.3	994	100
80 - Security and investigation activities	12.9	25.7	44.7	11.6	3.4	1.6	247	100
81 - Services to buildings and landscape activities	31.2	0.0	40.6	24.0	0.0	4.1	79	100
82 - Office administrative, office support and other business	77.0	0.8	16.2	5.6	0.0	0.4	690	100
85 - Education	22.0	8.5	48.9	16.9	2.3	1.4	8,905	100
86 - Human health activities	22.7	3.0	42.2	16.7	6.1	9.3	800	100
87 - Residential care activities	0.0	4.8	16.5	56.8	11.4	10.6	53	100
88 - Social work activities without accommodation	20.7	6.6	45.8	23.1	2.8	1.0	437	100
90 - Creative, arts and entertainment activities	0.0	9.8	42.6	32.1	8.8	6.8	42	100
91 - Libraries, archives, museums and other cultural activities	70.9	0.0	29.1	0.0	0.0	0.0	3	100
92 - Gambling and betting activities	7.4	0.0	29.5	55.7	0.0	7.4	24	100
93 - Sports activities and amusement and recreation activities	91.5	0.0	5.1	1.4	0.7	1.3	747	100
94 - Activities of membership organizations	24.2	3.3	31.8	21.8	9.9	9.1	638	100
95 - Repair of computers and personal and household goods	40.7	11.7	47.6	0.0	0.0	0.0	37	100
96 - Other personal service activities	50.5	0.5	26.5	22.3	0.2	0.1	6,298	100

Changes in Inventories

Inventories consist of the stocks of inputs intended to be used later as intermediate consumption in a production process; stocks of finished goods and; stocks of merchandise purchased for resale, mainly in wholesale and retail distribution. Further, inventories include work in progress, which consists of goods being processed but which cannot yet be delivered to the user at the end of the accounting period. Overall, about two thirds (65.6%) of the enterprises did not report any changes in inventories between 2015 and 2016. Changes in inventories of over one million shillings were mainly reported in publishing activities (29.9%), Information Service Activities (18.7%) and Repair of computers and personal and household goods (37.5%).

Table 3.12a: Proportion of Enterprises by Economic Activity and Value of Changes in Inventories[1]

	<0	0-100,000	100,001-500,000	500,001-1,000,000	> 1,000,000	Total	
Total	65.6	13.3	10.6	5.2	5.2	82,746	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	56.4	10.8	12.6	10.4	9.8	2,454	100.0
46 - Wholesale trade, except of motor vehicles and motorcycles	55.6	9.2	17.1	7.8	10.4	3,453	100.0
47 - Retail trade, except of motor vehicles and motorcycles	43.3	20.8	20.3	10.2	5.5	35,016	100.0
49 - Land transport and transport via pipelines	94.0	2.0	.6	1.8	1.6	1,263	100.0
50 - Water transport	100.0	0.0	0.0	0.0	0.0	62	100.0
51 - Air transport	86.7	0.0	0.0	0.0	13.3	223	100.0
52 - Warehousing and support activities for transportation	93.8	1.9	0.0	1.8	2.5	970	100.0
53 - Postal and courier activities	88.8	0.0	4.8	0.0	6.4	138	100.0
55 - Accommodation	47.0	26.4	21.6	1.9	3.1	1,486	100.0
56 - Food and beverage service activities	71.9	15.5	2.9	.5	9.2	4,325	100.0
58 - Publishing activities	59.4	4.3	6.5	0.0	29.9	100	100.0
59 - Motion picture, video and television programme production, sound recording and music publishing activities	62.9	18.6	9.5	9.1	0.0	47	100.0
60 - Programming and broadcasting activities	68.8	29.1	0.0	0.0	2.2	46	100.0
61 - Telecommunications	38.6	50.1	8.1	0.0	3.2	413	100.0
62 - Computer programming, consultancy and related activities	85.1	2.7	3.2	2.5	6.5	273	100.0
63 - Information service activities	74.3	0.0	7.0	0.0	18.7	93	100.0
64 - Financial service activities, except insurance and pension funding	97.6	1.4	.3	.2	.4	2,441	100.0
65 - Insurance, reinsurance and pension funding, except compulsory social security	98.6	.7	0.0	0.0	.7	306	100.0
66 - Activities auxiliary to financial service and insurance activities	99.3	.3	0.0	0.0	.4	1,606	100.0
68 - Real estate activities	94.9	3.6	.3	0.0	1.3	1,990	100.0
69 - Legal and accounting activities	95.7	0.0	2.3	0.0	2.0	228	100.0
70 - Activities of head offices; management consultancy activities	90.7	7.0	1.5	0.0	.8	284	100.0
71 - Architectural and engineering activities; technical testing and analysis	98.9	1.1	0.0	0.0	0.0	684	100.0
72 - Scientific research and development	81.2	6.7	5.2	0.0	6.9	82	100.0
73 - Advertising and market research	96.7	1.3	0.0	0.0	2.0	210	100.0
74 - Other professional, scientific and technical activities	96.7	.4	1.8	.2	.9	2,503	100.0
75 - Veterinary activities	100.0	0.0	0.0	0.0	0.0	2	100.0
77 - Rental and leasing activities	100.0	0.0	0.0	0.0	0.0	111	100.0
78 - Employment activities	100.0	0.0	0.0	0.0	0.0	59	100.0
79 - Travel agency, tour operator, reservation service and related activities	97.0	2.1	0.0	.6	.3	1,163	100.0
80 - Security and investigation activities	93.8	3.4	0.0	0.0	2.8	264	100.0
81 - Services to buildings and landscape activities	86.8	0.0	4.8	0.0	8.4	90	100.0
82 - Office administrative, office support and other business support activities	88.9	5.9	2.6	0.0	2.6	204	100.0
85 - Education	85.2	9.8	.9	.4	3.7	12,128	100.0
86 - Human health activities	58.4	21.7	6.1	3.7	10.2	858	100.0
87 - Residential care activities	90.5	9.5	0.0	0.0	0.0	91	100.0
88 - Social work activities without accommodation	97.2	1.3	1.5	0.0	0.0	519	100.0
90 - Creative, arts and entertainment activities	74.7	0.0	9.8	6.8	8.8	42	100.0
91 - Libraries, archives, museums and other cultural activities	100.0	0.0	0.0	0.0	0.0	29	100.0
92 - Gambling and betting activities	79.4	0.0	6.9	0.0	13.8	26	100.0
93 - Sports activities and amusement and recreation activities	98.8	0.0	.3	0.0	.9	753	100.0
94 - Activities of membership organizations	92.5	5.1	1.7	0.0	.7	831	100.0
95 - Repair of computers and personal and household goods	32.1	9.4	10.5	10.5	37.5	41	100.0
96 - Other personal service activities	85.6	3.7	.2	.1	10.4	4,835	100.0

[1]Assumes that holding gain/losses equals to zero

Table 3.12b: Proportion of Enterprises by Type of Inventory and Economic Activity, 2015-2016

Economic Activity	2015		2016	
	Consumables and supplies (e.g. packaging materials, fuel, stores)	Goods purchased for resale	Consumables and supplies (e.g. packaging materials, fuel, stores)	Goods purchased for resale
Total				
45 = Wholesale and retail trade and repair of motor vehicles and motorcycles	16.1	4.1	20.0	4.1
46 = Wholesale trade, except of motor vehicles and motorcycles	16.5	85.5	18.0	84.0
47 = Retail trade, except of motor vehicles and motorcycles	20.0	7.5	20.8	8.6
49 = Land transport and transport via pipelines	5.1	0.0	4.3	0.0
51 = Air transport	7.1	0.1	7.4	0.1
52 = Warehousing and support activities for transportation	0.3	0.0	0.2	0.0
53 = Postal and courier activities	0.0	0.0	0.9	0.0
55 = Accommodation	1.0	0.1	1.1	0.1
56 = Food and beverage service activities	4.6	0.3	2.3	0.6
58 = Publishing activities	2.6	0.1	4.5	0.1
59 = Motion picture, video and television programme production, sound recording	0.0	0.0	0.0	0.0
60 = Programming and broadcasting activities	0.6	0.0	0.6	0.0
61 = Telecommunications	0.8	1.3	0.4	0.2
62 = Computer programming, consultancy and related activities	0.1	0.0	0.2	0.0
63 = Information service activities	1.0	0.1	1.2	0.1
64 = Financial service activities, except insurance and pension funding	1.4	0.0	2.3	0.0
65 = Insurance, reinsurance and pension funding, except compulsory social securi	0.2	0.3	0.2	0.9
66 = Activities auxiliary to financial service and insurance activities	0.0	0.0	0.0	-
68 = Real estate activities	4.7	0.3	1.7	0.5
69 = Legal and accounting activities	0.0	0.0	0.0	0.0
70 = Activities of head offices; management consultancy activities	0.0	0.0	0.0	0.0
71 = Architectural and engineering activities; technical testing and analysis	0.0	0.0	0.0	0.0
72 = Scientific research and development	0.0	0.0	0.0	0.0
73 = Advertising and market research	0.0	0.0	0.0	0.0
74 = Other professional, scientific and technical activities	4.9	0.1	3.3	0.1
75 = Veterinary activities	-	-	-	-
77 = Rental and leasing activities	0.0	-	0.0	-
78 = Employment activities	-	-	-	-
79 = Travel agency, tour operator, reservation service and related activities	0.0	0.0	0.1	0.0
80 = Security and investigation activities	0.9	0.0	0.7	0.0
81 = Services to buildings and landscape activities	0.0	0.0	0.0	0.2
82 = Office administrative, office support and other business support activities	0.1	0.0	0.1	0.0
85 = Education	2.0	0.0	1.9	0.0
86 = Human health activities	8.7	0.1	6.8	0.2
87 = Residential care activities	0.0	0.0	0.0	0.0
88 = Social work activities without accommodation	0.1	0.0	0.1	0.0
90 = Creative, arts and entertainment activities	0.1	0.0	0.1	0.0
91 = Libraries, archives, museums and other cultural activities	-	-	-	-
92 = Gambling and betting activities	0.0	0.0	0.0	0.0
93 = Sports activities and amusement and recreation activities	0.0	0.0	0.0	0.0
94 = Activities of membership organizations	0.7	0.0	0.7	0.0
95 = Repair of computers and personal and household goods	0.0	0.0	0.0	0.0
96 = Other personal service activities	0.1	0.0	0.0	0.0

Chapter 4

Summary Findings

Overall, 42.9 per cent of the enterprises were engaged in distributive trade activities that comprise of wholesale and retail trade excluding retail sale of motor vehicles and motor cycles. Enterprises engaged in retail trade accounted for the largest share (36.6%), followed by those involved in education (13.0%).

Employment and Earnings

Survey results showed that most of the enterprises in the services sector are in the Micro-Enterprise category that employs a maximum of nine (9) employees. Specifically, 70.7 % of the employees in the service sector worked in enterprises with a maximum of nine employees in 2016. The lowest levels of average earnings (below KSh 200,000 per annum) were reported in activities of retail trade, services to buildings and landscaping activities and security and investigations activities. On the other hand, the survey findings showed that activities related to insurance and reinsurance and pension funding; telecommunications, information; and legal and accounting remunerated their employees better than most of the other activities. The results further reveal that, about 46.4 per cent of the enterprises paid their employees less than KSh 0.5 million annually in 2015 and 2016. The least paying enterprises were majorly reported in activities of retail trade, education and office administrative, office support and other business support. Largely, the results showed that most enterprises paid their employees between KSh 0.5 million and KSh 10 million per annum.

Revenue

From the findings, most (77.2%) of the enterprises in the service sector recorded an annual turnover of between KSh 1 million and KSh 50 million in 2015 and (75.1%) in 2016. The results further reveal that only 1.5 per cent and 1.7 per cent of enterprises in the service sector generated revenue in excess of KSh 500 million in 2015 and 2016. Enterprises that registered annual revenue of above KSh 500 million were majorly in air transport in 2015 and 2016. On the other hand, 14.8per cent of activities in services sector recorded a turnover of less than KSh 1 million in 2016. In total, over 50 per cent of the enterprises generated revenue of between KSh 1 million and KSh 10 million in 2015 and 2016.

Expenditure

Overall, 45.0 per cent of enterprises incurred expenditure of KSh 1 million and above but below KSh 10 million in 2016. About 3.9per cent of the enterprises spent KSh 50 million and above to fund items related to production of services. The proportion of enterprises with total expenditure in the range of KSh 0.5 to KSh 1.0 million was 19.2 per cent in 2016. Relatively high proportions of enterprises that incurred expenditures of over KSh100 million were reported in Air Transport and, Betting and Gambling activities at 34.7 per cent and 28.3 per cent, respectively in 2016. On average, about 2

per cent of the enterprises spent KSh100 million and above, while slightly over a fifth of the enterprises reported expenditures of less than half a million shillings annually.

Investment in Capital goods/Fixed Assets

Survey results showed that 51.9 per cent and 45.8 per cent of enterprises in the service sector invested less than KSh 200,000 in fixed assets, respectively, in 2015 and 2016. Most of the enterprises that spent less KSh 200,000 were mainly in activities of membership organisations (62.9%), real estate (63.5%), financial service activities, except insurance and pension funding (89.9%) and distributive trade activities. Approximately, 15.0 per cent of enterprises spent 5 million shillings and above in investment in fixed assets in 2016.

Inventories

About two thirds (65.6%) of the enterprises did not report any changes in inventories between 2015 and 2016. Changes in inventories of over one million shillings were mainly reported in publishing activities (29.9%), information service activities (18.7%) and repair of computers and personal and household goods (37.5%).

Annexes

Annex 1: Tables

Proportion of Enterprises by Economic Activity and Revenue, 2015

	<1000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	100,000,001-500,000,000	>500,000,000	Total
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	3.3	4.1	6.6	2.8	6.6	15.4	4.9
46 - Wholesale trade, except of motor vehicles and motorcycles	8.8	10.0	16.3	12.4	11.9	10.3	11.4
47 - Retail trade, except of motor vehicles and motorcycles	35.9	42.9	31.8	26.1	20.5	21.6	37.0
49 - Land transport and transport via pipelines	0.1	0.8	0.6	0.4	1.7	0.8	0.7
50 - Water transport	0.0	0.0	0.0	0.1	0.1	0.0	0.0
51 - Air transport	0.0	0.0	0.0	0.3	1.9	1.2	0.2
52 - Warehousing and support activities for transportation	0.0	0.1	0.6	0.7	1.7	1.1	0.3
53 - Postal and courier activities	0.0	0.0	1.2	0.3	0.1	0.1	0.3
55 - Accommodation	0.2	4.0	1.8	10.3	1.9	0.9	3.1
56 - Food and beverage service activities	1.2	4.1	6.0	2.0	4.1	3.2	3.9
58 - Publishing activities	0.0	0.0	0.3	0.3	0.1	0.1	0.1
59 - Motion picture, video and television programme production, sound recording	0.0	0.0	0.1	0.0	0.1	0.0	0.1
60 - Programming and broadcasting activities	0.0	0.0	0.1	0.0	0.1	0.5	0.1
61 - Telecommunications	0.1	0.1	0.3	0.7	1.6	1.1	0.3
62 - Computer programming, consultancy and related activities	0.1	0.2	0.8	1.1	2.5	1.7	0.5
63 - Information service activities	0.0	0.1	0.2	0.1	0.6	1.1	0.1
64 - Financial service activities, except insurance and pension funding	1.6	3.7	3.7	2.6	5.0	4.4	3.4
65 - Insurance, reinsurance and pension funding, except compulsory social securi	0.1	0.2	0.8	1.4	2.5	15.1	1.0
66 - Activities auxiliary to financial service and insurance activities	0.2	2.8	0.7	9.6	3.6	2.9	2.4
68 - Real estate activities	3.3	1.3	6.2	2.4	3.7	2.0	2.8
69 - Legal and accounting activities	0.0	0.5	0.4	0.2	0.5	0.3	0.4
70 - Activities of head offices; management consultancy activities	0.1	0.1	0.4	0.5	0.9	0.1	0.2
71 - Architectural and engineering activities; technical testing and analysis	0.0	1.0	0.4	0.3	0.9	0.7	0.7
72 - Scientific research and development	0.0	0.0	0.1	0.2	0.1	0.0	0.0
73 - Advertising and market research	0.0	0.0	0.1	0.2	0.7	0.1	0.1
74 - Other professional, scientific and technical activities	0.1	1.9	0.6	8.5	1.1	0.1	1.6
75 - Veterinary activities	0.0	0.0	0.0	0.1	0.1	0.3	0.0
77 - Rental and leasing activities	0.0	0.0	0.3	0.3	0.4	0.1	0.1
78 - Employment activities	0.0	0.0	0.1	0.0	0.2	0.0	0.0
79 - Travel agency, tour operator, reservation service and related activities	0.1	0.1	0.5	0.9	2.6	0.8	0.3
80 - Security and investigation activities	0.1	0.1	0.2	0.3	0.6	0.0	0.1
81 - Services to buildings and landscape activities	0.0	0.0	0.2	0.2	0.0	0.0	0.1
82 - Office administrative, office support and other business support activities	2.7	0.1	0.4	0.6	0.6	0.1	0.6
85 - Education	41.3	15.4	9.1	3.5	3.9	4.9	16.6
86 - Human health activities	0.1	0.7	2.2	4.6	6.1	3.6	1.4
87 - Residential care activities	0.0	0.0	0.2	0.1	0.1	0.0	0.1
88 - Social work activities without accommodation	0.1	0.2	0.5	0.6	0.9	0.8	0.3
90 - Creative, arts and entertainment activities	0.0	0.1	0.2	0.3	0.4	0.1	0.1
91 - Libraries, archives, museums and other cultural activities	0.0	0.0	0.0	0.0	0.1	0.0	0.0
92 - Gambling and betting activities	0.0	0.0	0.1	0.2	0.5	0.0	0.1
93 - Sports activities and amusement and recreation activities	0.0	0.0	0.1	0.2	0.0	0.0	0.1
94 - Activities of membership organizations	0.1	0.8	0.9	1.3	1.1	0.5	0.7
95 - Repair of computers and personal and household goods	0.0	0.0	0.0	0.0	0.4	0.0	0.0
96 - Other personal service activities	0.4	4.1	4.7	3.5	7.1	3.8	3.7

Proportion of Enterprises by Economic Activity and Revenue, 2016

	<1000,000	1,000,001-10,000,000	10,000,001-50,000,000	50,000,001-100,000,000	100,000,001-500,000,000	>500,000,000	Total
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	3.5	3.8	8.0	2.4	5.5	3.6	4.7
46 - Wholesale trade, except of motor vehicles and motorcycles	3.3	12.5	11.1	11.7	27.9	13.1	11.6
47 - Retail trade, except of motor vehicles and motorcycles	25.2	44.2	36.0	31.6	17.6	12.4	37.0
49 - Land transport and transport via pipelines	0.1	0.8	0.5	0.6	1.5	0.9	0.6
50 - Water transport	0.0	0.0	0.0	0.1	0.1	0.0	0.0
51 - Air transport	0.0	0.0	0.0	0.2	1.5	1.5	0.1
52 - Warehousing and support activities for transportation	0.1	0.1	0.5	0.8	1.3	1.7	0.3
53 - Postal and courier activities	0.0	0.0	1.0	0.2	0.2	0.2	0.3
55 - Accommodation	0.2	3.7	1.8	9.0	1.9	1.4	2.9
56 - Food and beverage service activities	1.0	3.9	7.4	2.6	2.8	4.1	4.1
58 - Publishing activities	0.0	0.0	0.2	0.2	0.5	0.2	0.1
59 - Motion picture, video and television programme production, sound recording	0.0	0.0	0.2	0.1	0.1	0.0	0.0
60 - Programming and broadcasting activities	0.0	0.0	0.1	0.1	0.1	0.7	0.0
61 - Telecommunications	0.1	0.1	0.2	0.6	1.5	1.5	0.3
62 - Computer programming, consultancy and related activities	0.1	0.2	0.7	1.3	1.7	2.4	0.5
63 - Information service activities	0.0	0.1	0.2	0.1	0.6	1.2	0.1
64 - Financial service activities, except insurance and pension funding	1.7	3.6	3.4	1.9	4.4	4.8	3.2
65 - Insurance, reinsurance and pension funding, except compulsory social securi	0.1	0.2	0.7	1.3	2.6	19.1	0.9
66 - Activities auxiliary to financial service and insurance activities	0.2	1.8	2.5	8.8	2.5	4.3	2.2
68 - Real estate activities	3.4	1.3	5.4	2.3	2.9	3.3	2.7
69 - Legal and accounting activities	0.0	0.5	0.4	0.3	0.3	0.3	0.4
70 - Activities of head offices; management consultancy activities	0.0	0.1	0.4	0.3	1.0	0.3	0.2
71 - Architectural and engineering activities; technical testing and analysis	0.0	1.0	0.4	0.2	0.7	0.7	0.6
72 - Scientific research and development	0.0	0.0	0.1	0.2	0.1	0.0	0.0
73 - Advertising and market research	0.0	0.0	0.1	0.2	0.5	0.2	0.1
74 - Other professional, scientific and technical activities	0.1	0.9	2.4	7.5	1.1	0.2	1.5
75 - Veterinary activities	0.0	0.0	0.0	0.1	0.1	0.3	0.0
77 - Rental and leasing activities	0.0	0.1	0.3	0.2	0.4	0.2	0.1
78 - Employment activities	0.0	0.0	0.1	0.1	0.2	0.0	0.0
79 - Travel agency, tour operator, reservation service and related activities	0.0	0.1	0.4	0.7	2.1	1.2	0.3
80 - Security and investigation activities	0.0	0.1	0.2	0.1	0.6	0.2	0.1
81 - Services to buildings and landscape activities	0.0	0.0	0.2	0.2	0.0	0.0	0.1
82 - Office administrative, office support and other business support activities	5.6	0.1	0.3	0.3	0.7	0.2	1.0
85 - Education	48.6	14.5	8.5	3.2	2.9	6.7	16.6
86 - Human health activities	0.1	0.6	2.2	4.2	4.6	5.2	1.4
87 - Residential care activities	0.0	0.0	0.2	0.2	0.1	0.0	0.1
88 - Social work activities without accommodation	0.1	0.2	0.4	0.5	0.8	1.0	0.3
90 - Creative, arts and entertainment activities	0.0	0.0	0.2	0.1	0.3	0.3	0.1
91 - Libraries, archives, museums and other cultural activities	0.0	0.0	0.0	0.0	0.1	0.0	0.0
92 - Gambling and betting activities	0.0	0.0	0.1	0.1	0.5	0.0	0.0
93 - Sports activities and amusement and recreation activities	0.0	0.0	0.1	0.2	0.0	0.0	0.0
94 - Activities of membership organizations	0.1	0.7	0.8	1.3	0.9	0.7	0.7
95 - Repair of computers and personal and household goods	0.0	0.0	0.0	0.0	0.3	0.0	0.0
96 - Other personal service activities	6.2	4.7	2.3	4.3	5.0	5.9	4.4

Proportion of Enterprises by Economic Activity and Category of Employment Levels, 2015

	Total employees in 2015				
	0 - 9	10 - 49	50 - 100	>100	Total
Total	63,065	23,128	2,357	1,229	89,779
	100.0	100.0	100.0	100.0	100.0
45 - Wholesale and retail trade and repair of motor	3.2	1.9	1.5	.7	2.7
46 - Wholesale trade, except of motor vehicles and	3.8	4.1	3.7	3.3	3.9
47 - Retail trade, except of motor vehicles and	51.3	9.5	21.4	2.2	39.1
49 - Land transport and transport via pipelines	.6	2.6	7.7	9.9	1.4
50 - Water transport	.0	.1	.7	.7	.1
51 - Air transport	.1	.4	.6	2.1	.2
52 - Warehousing and support activities for	.5	2.1	4.8	4.1	1.1
53 - Postal and courier activities	.0	.4	.6	1.4	.2
55 - Accommodation	1.2	2.7	2.4	4.6	1.7
56 - Food and beverage service activities	4.4	6.5	2.6	3.7	4.9
58 - Publishing activities	.0	.3	.0	.3	.1
59 - Motion picture, video and television programme	.0	.1	.1	0.0	.1
60 - Programming and broadcasting activities	.0	.2	.0	.1	.1
61 - Telecommunications	.4	.5	.3	.7	.5
62 - Computer programming, consultancy and related	.2	.6	.2	.5	.3
63 - Information service activities	.1	.3	.2	.2	.1
64 - Financial service activities, except insurance and	2.5	3.4	1.6	5.0	2.7
65 - Insurance, reinsurance and pension funding, except	.4	.2	.4	2.4	.3
66 - Activities auxiliary to financial service and insurance	2.3	.5	.4	.9	1.8
68 - Real estate activities	2.3	2.0	2.3	2.5	2.2
69 - Legal and accounting activities	.1	.7	.6	.5	.3
70 - Activities of head offices; management consultancy	.2	.4	.7	3.8	.3
71 - Architectural and engineering activities; technical	.1	2.4	1.0	1.1	.8
72 - Scientific research and development	.1	.1	.3	.8	.1
73 - Advertising and market research	.1	.4	.8	2.2	.2
74 - Other professional, scientific and technical activities	3.2	1.8	1.1	2.9	2.8
75 - Veterinary activities	0.0	.0	0.0	0.0	.0
77 - Rental and leasing activities	.1	.2	.2	.7	.1
78 - Employment activities	.1	.1	.2	.7	.1
79 - Travel agency, tour operator, reservation service and	9.8	3.4	4.8	3.3	7.9
80 - Security and investigation activities	0.0	.5	2.3	9.0	.3
81 - Services to buildings and landscape activities	.0	.2	.3	1.5	.1
82 - Office administrative, office support and other	1.0	.4	.4	1.0	.8
85 - Education	3.7	41.1	24.0	4.3	13.9
86 - Human health activities	.2	2.2	5.5	6.3	1.0
87 - Residential care activities	0.0	.4	.3	0.0	.1
88 - Social work activities without accommodation	.2	1.6	1.8	2.1	.6
90 - Creative, arts and entertainment activities	.0	.1	.1	.2	.0
91 - Libraries, archives, museums and other cultural	.0	.1	0.0	0.0	.0
92 - Gambling and betting activities	.0	.1	.1	.7	.0
93 - Sports activities and amusement and recreation	1.1	.1	.3	1.2	.8
94 - Activities of membership organizations	.5	1.4	2.6	9.5	.9
95 - Repair of computers and personal and household	.0	.1	0.0	.3	.0
96 - Other personal service activities	6.2	3.8	1.0	2.4	5.4

Proportion of Enterprises by Economic Activity and Category of Employment Levels, 2016

	Total employees in 2016				
	0 - 9	10 - 49	50 - 100	>100	Total
Total	61,212	22,468	2,256	1,240	87,175
	100.0	100.0	100.0	100.0	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	3.3	1.8	1.5	.7	2.8
46 - Wholesale trade, except of motor vehicles and motorcycles	3.9	4.2	4.1	3.1	4.0
47 - Retail trade, except of motor vehicles and motorcycles	52.5	10.5	22.5	2.3	40.2
49 - Land transport and transport via pipelines	.6	2.7	8.4	9.1	1.5
50 - Water transport	.0	.1	.4	.7	.1
51 - Air transport	.1	.5	.9	2.0	.3
52 - Warehousing and support activities for transportation	.6	2.1	5.0	4.1	1.1
53 - Postal and courier activities	.0	.4	.7	1.4	.2
55 - Accommodation	1.3	2.8	2.7	4.1	1.7
56 - Food and beverage service activities	4.8	5.8	2.7	3.3	5.0
58 - Publishing activities	.1	.3	0.0	.3	.1
59 - Motion picture, video and television programme production, sound recording and music	.0	.1	.0	0.0	.1
60 - Programming and broadcasting activities	.0	.2	.0	.1	.1
61 - Telecommunications	.5	.5	.2	.6	.5
62 - Computer programming, consultancy and related activities	.2	.5	.2	.4	.3
63 - Information service activities	.1	.3	.1	.3	.1
64 - Financial service activities, except insurance and pension funding	2.6	3.4	1.7	4.8	2.8
65 - Insurance, reinsurance and pension funding, except compulsory social security	.4	.2	.5	2.3	.4
66 - Activities auxiliary to financial service and insurance activities	2.4	.5	.5	.8	1.8
68 - Real estate activities	2.4	2.1	1.8	2.5	2.3
69 - Legal and accounting activities	.1	.7	.6	.5	.3
70 - Activities of head offices; management consultancy activities	.2	.4	.9	3.8	.3
71 - Architectural and engineering activities; technical testing and analysis	.1	2.5	1.0	1.0	.8
72 - Scientific research and development	.1	.1	.6	.3	.1
73 - Advertising and market research	.1	.5	.3	2.2	.2
74 - Other professional, scientific and technical activities	3.4	1.8	1.2	2.4	2.9
75 - Veterinary activities	0.0	.0	0.0	0.0	.0
77 - Rental and leasing activities	.1	.2	.2	.7	.1
78 - Employment activities	.0	.1	.2	.7	.1
79 - Travel agency, tour operator, reservation service and related activities	6.2	2.9	2.4	3.1	5.2
80 - Security and investigation activities	.0	.4	2.3	9.3	.3
81 - Services to buildings and landscape activities	.0	.1	.6	1.5	.1
82 - Office administrative, office support and other business support activities	1.0	.3	.6	1.0	.8
85 - Education	4.2	41.1	23.0	7.7	14.3
86 - Human health activities	.3	2.2	5.4	6.2	1.0
87 - Residential care activities	0.0	.4	.4	0.0	.1
88 - Social work activities without accommodation	.2	1.5	2.1	2.2	.6
90 - Creative, arts and entertainment activities	.0	.1	.1	.2	.0
91 - Libraries, archives, museums and other cultural activities	.0	.1	0.0	0.0	.0
92 - Gambling and betting activities	.0	.1	.1	.7	.0
93 - Sports activities and amusement and recreation activities	1.1	.2	.3	1.2	.9
94 - Activities of membership organizations	.5	1.5	2.7	9.5	1.0
95 - Repair of computers and personal and household goods	.0	.1	0.0	.3	.0
96 - Other personal service activities	6.4	3.9	1.2	2.4	5.6

Proportion of Enterprises by Economic Activity and Total Expenditure, 2015

	<500000	500001-1000000	1000001-10000000	10000001-50000000	50000001-100000000	>100000000	Total
Total	18,435	16,025	36,657	8,605	1,445	1,732	82,899
	100.0	100.0	100.0	100.0	100.0	100.0	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	2.3	4.2	2.9	2.7	1.9	1.1	2.9
46 - Wholesale trade, except of motor vehicles and motorcycles	2.9	1.7	5.7	4.8	4.9	3.9	4.2
47 - Retail trade, except of motor vehicles and motorcycles	79.9	61.5	25.1	13.6	3.3	2.4	42.2
49 - Land transport and transport via pipelines	0.0	.2	1.1	5.6	11.8	10.1	1.5
50 - Water transport	0.0	0.0	.0	.5	0.0	.5	.1
51 - Air transport	0.0	0.0	.1	.6	2.7	5.0	.3
52 - Warehousing and support activities for transportation	0.0	.1	.6	5.3	7.7	8.7	1.2
53 - Postal and courier activities	.1	0.0	.2	.4	.5	1.4	.2
55 - Accommodation	.0	1.8	2.5	2.5	2.5	3.0	1.8
56 - Food and beverage service activities	.4	5.6	8.2	3.1	1.2	2.2	5.2
58 - Publishing activities	.0	.0	.2	.3	.2	.2	.1
59 - Motion picture, video and television programme production, sound recording and	0.0	0.0	.1	.2	0.0	0.0	.1
60 - Programming and broadcasting activities	0.0	0.0	.0	.3	0.0	.4	.1
61 - Telecommunications	.0	.0	.8	.7	2.3	1.4	.5
62 - Computer programming, consultancy and related activities	.0	.0	.3	1.3	1.9	1.6	.3
63 - Information service activities	0.0	0.0	.1	.5	1.0	.6	.1
64 - Financial service activities, except insurance and pension funding	.7	.6	3.7	7.6	4.1	8.0	2.9
65 - Insurance, reinsurance and pension funding, except compulsory social security	.1	.1	.3	.9	.5	3.3	.4
66 - Activities auxiliary to financial service and insurance activities	2.4	.0	2.7	1.3	1.9	2.7	1.9
68 - Real estate activities	.1	.3	3.3	5.9	7.0	5.0	2.4
69 - Legal and accounting activities	0.0	0.0	.1	1.3	1.6	.9	.2
70 - Activities of head offices; management consultancy activities	.0	.1	.2	1.3	1.4	3.0	.3
71 - Architectural and engineering activities; technical testing and analysis	0.0	2.8	1.5	.9	2.0	2.4	1.4
72 - Scientific research and development	0.0	0.0	.0	.5	.8	1.0	.1
73 - Advertising and market research	.0	0.0	.2	.7	2.0	3.3	.3
74 - Other professional, scientific and technical activities	.0	0.0	5.6	4.0	5.1	1.1	3.0
75 - Veterinary activities	0.0	0.0	.0	.0	0.0	0.0	.0
77 - Rental and leasing activities	0.0	.0	.1	.5	1.3	.8	.1
78 - Employment activities	0.0	.0	.0	.4	0.0	.2	.1
79 - Travel agency, tour operator, reservation service and related activities	.0	.0	2.1	1.8	3.1	2.9	1.2
80 - Security and investigation activities	.1	.0	.3	1.1	1.6	2.1	.3
81 - Services to buildings and landscape activities	.0	0.0	.1	.4	.2	.3	.1
82 - Office administrative, office support and other business support activities	.0	.0	.3	.8	.6	.6	.2
85 - Education	10.6	10.6	18.2	17.1	9.1	6.7	14.5
86 - Human health activities	.0	.0	1.0	3.4	5.0	6.5	1.0
87 - Residential care activities	0.0	.0	.2	.4	.2	0.0	.1
88 - Social work activities without accommodation	.1	.0	.6	2.6	1.8	.7	.6
90 - Creative, arts and entertainment activities	0.0	0.0	.1	.1	.5	.2	.1
91 - Libraries, archives, museums and other cultural activities	0.0	.2	0.0	.0	.1	0.0	.0
92 - Gambling and betting activities	0.0	0.0	.0	.1	.6	.4	.0
93 - Sports activities and amusement and recreation activities	0.0	0.0	1.9	.5	.2	.5	.9
94 - Activities of membership organizations	.1	.3	1.1	2.3	5.4	4.2	1.0
95 - Repair of computers and personal and household goods	0.0	0.0	.1	.2	.3	0.0	.0
96 - Other personal service activities	.1	9.7	8.5	1.6	1.8	.6	5.8

Proportion of Enterprises by Economic Activity and Total Expenditure,2016

	<500000	500001-1000000	10000000	1-5000000	1-1000000	>100000000	Total
Total	18,072	16,351	38,302	9,180	1,474	1,807	85,186
	100.0	100.0	100.0	100.0	100.0	100.0	100.0
45 - Wholesale and retail trade and repair of motor vehicles and motorcycles	2.3	2.9	3.3	2.5	2.4	1.0	2.9
46 - Wholesale trade, except of motor vehicles and motorcycles	1.7	2.9	5.4	4.7	5.0	3.9	4.0
47 - Retail trade, except of motor vehicles and motorcycles	69.0	65.1	27.3	14.3	4.5	2.5	41.1
49 - Land transport and transport via pipelines	.1	.2	1.0	5.3	9.7	12.1	1.5
50 - Water transport	0.0	0.0	.0	.3	1.1	.5	.1
51 - Air transport	0.0	0.0	.1	.8	2.8	4.3	.3
52 - Warehousing and support activities for transportation	0.0	0.0	.5	5.4	8.8	8.0	1.1
53 - Postal and courier activities	.1	0.0	.1	.4	1.0	1.2	.2
55 - Accommodation	.1	1.5	2.5	2.4	1.6	3.3	1.8
56 - Food and beverage service activities	.3	3.9	8.5	3.6	1.6	2.0	5.1
58 - Publishing activities	.0	.0	.1	.3	.5	.2	.1
59 - Motion picture, video and television programme production, sound recording and	0.0	0.0	.1	.2	0.0	0.0	.1
60 - Programming and broadcasting activities	0.0	0.0	.0	.3	0.0	.3	.1
61 - Telecommunications	.0	.0	.7	.8	1.9	1.6	.5
62 - Computer programming, consultancy and related activities	.0	.0	.3	1.2	1.5	1.6	.3
63 - Information service activities	0.0	0.0	.1	.5	.4	1.2	.1
64 - Financial service activities, except insurance and pension funding	.8	.5	3.4	7.8	3.6	8.3	2.9
65 - Insurance, reinsurance and pension funding, except compulsory social security	.1	.1	.3	.8	1.3	3.0	.4
66 - Activities auxiliary to financial service and insurance activities	2.4	.0	2.5	1.3	1.4	2.6	1.9
68 - Real estate activities	.1	.3	3.2	5.5	6.3	5.5	2.3
69 - Legal and accounting activities	0.0	0.0	.1	1.2	1.2	.9	.2
70 - Activities of head offices; management consultancy activities	.0	.0	.2	1.2	1.6	2.7	.3
71 - Architectural and engineering activities; technical testing and analysis	0.0	2.8	1.4	1.0	1.7	2.4	1.3
72 - Scientific research and development	0.0	0.0	.0	.4	1.2	1.0	.1
73 - Advertising and market research	0.0	.0	.1	.6	2.4	2.9	.2
74 - Other professional, scientific and technical activities	.2	0.0	5.2	3.9	4.2	1.1	2.9
75 - Veterinary activities	0.0	0.0	.0	.0	0.0	0.0	.0
77 - Rental and leasing activities	0.0	0.0	.1	.5	1.0	.8	.1
78 - Employment activities	0.0	.0	.0	.4	0.0	.2	.1
79 - Travel agency, tour operator, reservation service and related activities	.0	.0	2.0	1.7	3.3	2.8	1.2
80 - Security and investigation activities	.0	.0	.3	1.0	1.1	2.4	.3
81 - Services to buildings and landscape activities	.0	0.0	.1	.4	.2	.3	.1
82 - Office administrative, office support and other business support activities	2.8	.0	.3	.8	.3	.5	.8
85 - Education	11.0	9.6	17.8	17.2	11.1	5.7	14.4
86 - Human health activities	.0	.0	.9	3.5	5.3	6.4	1.0
87 - Residential care activities	0.0	0.0	.1	.5	.2	0.0	.1
88 - Social work activities without accommodation	.1	.0	.6	2.3	1.7	.8	.6
90 - Creative, arts and entertainment activities	0.0	0.0	.1	.1	.3	.2	.0
91 - Libraries, archives, museums and other cultural activities	0.0	.2	0.0	.0	0.0	.1	.0
92 - Gambling and betting activities	0.0	0.0	.0	.1	.5	.4	.0
93 - Sports activities and amusement and recreation activities	0.0	0.0	1.8	.4	.2	.5	.9
94 - Activities of membership organizations	.2	.3	.9	2.2	4.9	4.5	.9
95 - Repair of computers and personal and household goods	0.0	0.0	.0	.2	0.0	.2	.0
96 - Other personal service activities	8.6	9.5	8.1	1.7	2.1	.2	7.5

Annex 2: Classification of Service Activities using ISIC Rev.4

Description	Module
Maintenance and repair of motor vehicles	G4520
Wholesale and retail trade	G4700
Transport and storage	H
Publishing, Audio-visual and broadcasting activities; recording and publishing of music	J5800
Telecommunications	J6100
IT and other information service activities	J6200
Other financial service activities	K6490
Activities auxiliary to financial service and insurance activities	K6600
Real estate activities	L
Professional, scientific and technical activities	M
Renting and leasing activities	N7700
Travel agency, tour operator, reservation service and related activities	N7900
Other administrative and support service activities	N8200
Primary and general secondary education	P8501
Specialised secondary and tertiary education	P8502
Other education	P8503
Human health activities	Q8600
Social work activities	Q8700
Arts, entertainment and recreation	R
Activities of membership organizations	S9400
Repair of computers and personal and household goods	S9500

Description	Module
Other personal service activities	S9600