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# **ECONOMIC SURVEYS**

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# **INFORMATION AND COMMUNICATION**

# **2009**

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## **PREFACE**

The report contains 2009 information gathered from registered establishments engaged in the Information and Communication Industry. It excludes information on activities in the informal sector.

From a planning and policy formulation perspective, information on industry costs, operating surplus, employment etc are evidence to guide interventions aimed at growing the industry.

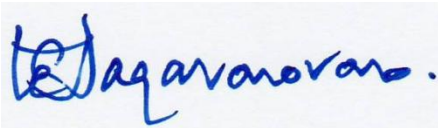
From an investment viewpoint such information will highlight existing opportunities, areas needing improvement and areas where efficiency or productivity challenges exist.

Information contained in this report will help build up a system of national accounts so that a meaningful picture of the whole economy can be constructed.

Data on information and communication is needed for economic planning as the products of the industry provide a large part of the investment goods. Establishments engaged in the information and communication industry use the data to analyse market performance and developments.

Structural information is crucial for the Bureau's Business Register since this is the starting point of all the establishment surveys.

The co-operation of all those establishments that participated in the survey is acknowledged. Their effort is much appreciated and I look forward to their continued support.



Epeli Waqavonovono  
**Government Statistician**

# NOTES

1. The interpretation of the symbols used in this report is as follows:  

0 Nil return or a figure less than half the given value
- 2 Total values are subject to rounding errors.
- 3 Key to Abbreviations:  

BR	Business Register
CFC	Consumption of Fixed Capital
COE	Compensation of Employees
FBOS	Fiji Bureau of Statistics
FRCA	Fiji Revenue and Customs Authority
FSIC	Fiji Standard Industrial Classification
GDP	Gross Domestic Product
GFCF	Gross Fixed Capital Formation
GO	Gross Output
IC	Intermediate Consumption
OS	Operating Surplus
SAS	Statistical Analysis System
VA	Value Added
- 4 VA in the report refers to Gross Value Added

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# **1 INTRODUCTION**

## **1.1 History of Surveys undertaken**

This report contains the results of the survey carried out for the information and communication industry for 2009 (refer 2.2 on Coverage and Scope). From 2008, it has become an annual inquiry.

According to the published report titled “Survey of the Transport Industry 1973” the first survey on the communication industry was done for 1970. This report also contains estimated data on Gross Output and its components for 1968 and 1969, but the source of the data for these two years is not mentioned in the report. 1970 Survey was followed by surveys for 1971, 1972, 1973, 1976, 1981, 1990, 1995 and 2002.

The Communication survey started off as an annual inquiry but after 1973, the survey was discontinued. Since then surveys on Communication have become ad hoc inquiries and are conducted by the Fiji Bureau of Statistics (FBOS) because of the need by its National Accountants to re-base the constant price Gross Domestic Product (GDP) to a more recent year.

## **1.2 Need for statistics relating to Information and Communication**

The information and communication industry accounts for a substantial proportion of the total economic activity, whether in terms of the sector to the GDP or in terms of its share of total employment and gross fixed capital formation. Statistics on the information and communication industry are therefore needed for the preparation of national accounts so that a meaningful study of the whole economy can be made. The data can also be used to construct the input-output table that shows the inter-connection of the information and communication industry with other industries. Policy makers too require the data for formulating sound economic and social policies that augment capital formation. In addition, the establishments engaged in the information and communication industry find the data helpful

# **2. METHODOLOGY**

## **2.1 Legal Basis**

The Survey was conducted under the provisions of the Statistics Act (Cap 71). This Act stipulates the completion of the questionnaire, as well as protects the confidentiality of the information submitted by the establishments.



## **2.2 Coverage and Scope**

The 2009 survey covered all establishments operating in the information and communication industry defined by the Fiji Standard Industrial Classification (FSIC) 2010 Section J. It is nevertheless possible that some small units may have been omitted due to difficulties in identifying them, but the nature of such units does not affect the overall results in any significant way.

The businesses in the information and communication industry include the production and distribution of information and cultural products, the provision of the means to transmit or distribute these products, communications, information technology activities and the processing of data and other information service activities (refer Appendix II on Industrial Classification Used).

## **2.3 Statistical Unit**

The unit of reporting was the establishment (refer Appendix I on Concepts and Definitions). In cases where firms operated more than one type of business, efforts were made to obtain accounts for each activity. Where this was not feasible, the firm was classified according to the type of activity that brought in the most revenue.

## **2.4 The Frame**

The frame utilized to survey the establishments engaged in the information and communication industry in 2009 was the list of establishments maintained by the FBOS. This list is known as the Business Register (BR), which is kept updated on the basis of information supplied to the FBOS by the Fiji Revenue and Customs Authority (FRCA), Registrar of Companies and the City and Town Councils

## **2.5 Questionnaire Design**

The questionnaire specifically designed for the communication industry sought information on the particulars of the establishment e.g. type of organisation; income; expenditure; stocks; assets and employment (refer Sample Questionnaire attached as appendix IV).

## **2.6 Data Collection and Survey Procedures**

The questionnaires were posted on 01\04/2010 and replies were required within a month. Response by the due date was low; therefore reminders were issued. In extreme cases, personal visits to obtain the questionnaires were made to those establishments that did not respond in spite of the reminders and to those establishments that required assistance in filling out the questionnaires.

Once the questionnaires were received in the office, scrutiny and editing of data contained in them followed. Errors and omissions if found, called for more correspondence, telephone calls or personal visits in an attempt to obtain complete and

correctly filled up returns, which were then placed in files sorted by activity and passed on for data entry.

On completion of data entry, tables were run, data edited and analyzed and reports written.

## **2.7 Data Processing**

FBOS' Information Technology Business Unit using Statistical Analysis System (SAS) processed data.

## **2.8 Reference Period**

The establishments contacted were to submit details for the calendar year 2009. Where the accounting year differed from the calendar year, establishments were asked to provide information for the accounting year that covered the major part of the calendar year 2009.

## **2.9 Response Rate**

The Survey had a response rate of 89 per cent.

Establishments which operated during the whole or part of the survey reference period but became untraceable during the survey enumeration period due to closure or removal, were taken as non-respondents. To account for the operations of the non-responding establishments, data were rated-up.

## **2.10 Rate-up Factors**

Data of non-responding establishments were calculated using rate-up factors. The rate-up factors were derived by first sorting out establishments into types or business and then grouping these establishments into 6 "number of persons engaged" size groups of 1-4; 5-9; 10-19; 20- 49; 50-99 and 100+. Using number of persons engaged in each of this group, simple arithmetic means of Value Added were obtained. These arithmetic means were then multiplied by number of persons engaged [estimates obtained from FIBOS' Employment Statistics Business Unit] in each of the non-responding group to estimate their data.

The estimated figures for the non-responding units were then added to the figures of the responding units to arrive at the estimated data of the entire information and communication industry.

The Gross Fixed Capital Formation too has been estimated for non-response. Generally capital formations in small establishments, like the ones who have not responded in our inquiry, are low.

Empirically,

Let  $n_{ij}$  be the number of employees in group  $i$  of the  $j$  establishment of those sampled and let  $g_{ij}$  be its corresponding parameter;  $i = 1$  to  $6$ ;  $j = 1$  to  $s$ , where  $s$  is all sample. Then estimate,

$$\hat{G}_{(i)} = \frac{\sum_{i=1}^6 \sum_{j=1}^k g_{ij}}{\sum_{i=1}^6 \sum_{j=1}^k n_{ij}} \left( \sum_{i=1}^6 \sum_{j=1}^k n_{ij} + \sum_{i=1}^6 \sum_{j=k+1}^s n_{ij} \right)$$

where  $k =$  number responded

$l =$  number not responded (which is  $s-k$ )

### 3. RESULTS

All data contained in this report are in Fiji Dollars and in current prices.

All tables in this report contain data inclusive of estimates for non-response; exceptions are tables 1 to 5B and 8 to 10 that contain as per survey data.

Results of some sub-classes have been grouped together in order to protect the confidentiality of the information supplied by them.

### 3.1 The Survey Response

**Table 1: The Survey Response**

FSIC 2010		SURVEY	RETURNS	RESPONSE
SUB-CLASS	ACTIVITY	FRAME	RECEIVED	RATE %
<b>PUBLISHING ACTIVITIES</b>		<b>11</b>	<b>11</b>	<b>100</b>
58111	Book publishing			
58121	Publishing of directories and mailing lists	5	5	100
58131	Publishing of newspapers, journals and periodicals			
58199	Other publishing activities	6	6	100
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>13</b>	<b>11</b>	<b>85</b>
59101	Motion picture, video and television programme production activities	13	11	85
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>12</b>	<b>12</b>	<b>100</b>
60101	Radio broadcasting	5	5	100
60201	Television programming and broadcasting activities	7	7	100
<b>TELECOMMUNICATIONS</b>		<b>56</b>	<b>54</b>	<b>96</b>
61101	Wired telecommunications activities	24	24	100
61201	Wireless telecommunications activities	16	16	100
61301	Satellite telecommunications activities			
61909	Other telecommunications activities	16	14	88
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>49</b>	<b>39</b>	<b>80</b>
62011	Computer programming activities			
62021	Computer consultancy and computer facilities management activities	44	34	77
62099	Other information technology and computer service activities	5	5	100
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>30</b>	<b>25</b>	<b>83</b>
63111	Data processing, hosting and related activities	30	25	83
<b>TOTAL</b>		<b>171</b>	<b>152</b>	<b>89</b>

## 3.2 Legal Status of Establishments

**Table 2: Legal Status of Establishments**

FSIC 2010		Individual Ownership	Partnership	Co-operatives	Private Limited Company	Public Limited Company	Statutory Enterprises	Total
SUB-CLASS	ACTIVITY							
<b>PUBLISHING ACTIVITIES</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>11</b>
58111	Book publishing							
58121	Publishing of directories and mailing lists	0	0	0	5	0	0	5
58131	Publishing of newspapers, journals and periodicals							
58199	Other publishing activities	2	0	0	4	0	0	6
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>8</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>11</b>
59101	Motion picture, video and television programme production activities	8	2	0	1	0	0	11
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>12</b>
60101	Radio broadcasting	2	0	0	3	0	0	5
60201	Television programming and broadcasting activities	0	0	0	5	2	0	7
<b>TELECOMMUNICATIONS</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>54</b>
61101	Wired telecommunications activities	0	0	0	24	0	0	24
61201	Wireless telecommunications activities	0	0	0	16	0	0	16
61301	Satellite telecommunications activities							
61909	Other telecommunications activities	0	0	0	14	0	0	14
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>9</b>	<b>15</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>39</b>
62011	Computer programming activities							
62021	Computer consultancy and computer facilities management activities	8	15	0	11	0	0	34
62099	Other information technology and computer service activities	1	0	0	4	0	0	5
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>3</b>	<b>5</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>25</b>
63111	Data processing, hosting and related activities	3	5	0	17	0	0	25
<b>TOTAL</b>		<b>24</b>	<b>22</b>	<b>0</b>	<b>104</b>	<b>2</b>	<b>0</b>	<b>152</b>

### 3.3 Ownership of Establishments

**Table 3: Ownership of Establishments**

FSIC 2010		FIJI OWNED	BRANCH OF AN OVERSEAS COMPANY	SUBSIDIARY OF AN OVERSEAS COMPANY	TOTAL
SUB-CLASS	ACTIVITY				
<b>PUBLISHING ACTIVITIES</b>		<b>11</b>	<b>0</b>	<b>0</b>	<b>11</b>
58111	Book publishing				
58121	Publishing of directories and mailing lists	5	0	0	5
58131	Publishing of newspapers, journals and periodicals				
58199	Other publishing activities	6	0	0	6
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>9</b>	<b>0</b>	<b>2</b>	<b>11</b>
59101	Motion picture, video and television programme production activities	9	0	2	11
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>10</b>	<b>2</b>	<b>0</b>	<b>12</b>
60101	Radio broadcasting	5	0	0	5
60201	Television programming and broadcasting activities	5	2	0	7
<b>TELECOMMUNICATIONS</b>		<b>38</b>	<b>0</b>	<b>16</b>	<b>54</b>
61101	Wired telecommunications activities	24	0	0	24
61201	Wireless telecommunications activities	0	0	16	16
61301	Satellite telecommunications activities				
61909	Other telecommunications activities	14	0	0	14
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>39</b>	<b>0</b>	<b>0</b>	<b>39</b>
62011	Computer programming activities				
62021	Computer consultancy and computer facilities management activities	34	0	0	34
62099	Other information technology and computer service activities	5	0	0	5
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>25</b>	<b>0</b>	<b>0</b>	<b>25</b>
63111	Data processing, hosting and related activities	25	0	0	25
<b>TOTAL</b>		<b>132</b>	<b>2</b>	<b>18</b>	<b>152</b>

### 3.4 Size of Establishments

**Table 4: Size of Establishments**

FSIC 2010		NUMBER OF PERSONS ENGAGED						
SUB-CLASS	ACTIVITY	1-4	5-9	10-19	20-49	50-99	100+	TOTAL
<b>PUBLISHING ACTIVITIES</b>		<b>3</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>11</b>
58111	Book publishing							
58121	Publishing of directories and mailing lists	0	0	2	3	0	0	5
58131	Publishing of newspapers, journals and periodicals							
58199	Other publishing activities	3	0	0	0	3	0	6
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>11</b>
59101	Motion picture, video and television programme production activities	8	1	0	1	1	0	11
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>3</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>12</b>
60101	Radio broadcasting	1	1	1	0	1	1	5
60201	Television programming and broadcasting activities	2	0	4	0	0	1	7
<b>TELECOMMUNICATIONS</b>		<b>22</b>	<b>11</b>	<b>7</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>54</b>
61101	Wired telecommunications activities	8	6	3	2	2	3	24
61201	Wireless telecommunications activities	12	2	0	0	0	2	16
61301	Satellite telecommunications activities							
61909	Other telecommunication activities	2	3	4	3	2	0	14
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>33</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>
62011	Computer programming activities							
62021	Computer consultancy and computer facilities management activities	28	5	1	0	0	0	34
62099	Other information technology and computer service activities	5	0	0	0	0	0	5
<b>INFORMATION SERVICES ACTIVITIES</b>		<b>18</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>
63111	Data processing, hosting and related activities	18	6	1	0	0	0	25
<b>TOTAL</b>		<b>87</b>	<b>24</b>	<b>16</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>152</b>

### 3.5 Number of Persons Engaged as at 30<sup>th</sup> June 2009

**Table 5 A: Number of Persons Engaged as at 30<sup>th</sup> June 2009**

FSIC 2010		TOTAL WORKING WITH PAY		TOTAL WORKING WITHOUT PAY		TOTAL
SUB-CLASS	ACTIVITY	Local	Expatriate	Working proprietors	Unpaid family workers	
<b>PUBLISHING ACTIVITIES</b>		<b>410</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>416</b>
58111	Book publishing					
58121	Publishing of directories and mailing lists	120	0	0	0	120
58131	Publishing of newspapers, journals and periodicals					
58199	Other publishing activities	290	2	4	0	296
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>180</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>183</b>
59101	Motion picture, video and television programme production activities	180	3	0	0	183
<b>PROGRAMMING AND BROADCASTING</b>		<b>492</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>492</b>
60101	Radio broadcasting	274	0	0	0	274
60201	Television programming and broadcasting activities	218	0	0	0	218
<b>TELECOMMUNICATIONS</b>		<b>2,623</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>2,636</b>
61101	Wired telecommunications activities	816	0	0	0	816
61201	Wireless telecommunications activities	1487	13	0	0	1,500
61301	Satellite telecommunications activities					
61909	Other telecommunications activities	320	0	0	0	320
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>213</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>215</b>
62011	Computer programming activities					
62021	Computer consultancy and computer facilities management activities	197	0	2	0	199
62099	Other information technology and computer service activities	16	0	0	0	16
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>133</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>150</b>
63111	Data processing, hosting and related activities	133	0	17	0	150
<b>TOTAL</b>		<b>4,051</b>	<b>18</b>	<b>23</b>	<b>0</b>	<b>4,092</b>



**Table 5 B: Number of Persons Engaged by Gender**

FSIC 2010		GENDER		
SUB-CLASS	ACTIVITY	Male	Female	Total
<b>PUBLISHING ACTIVITIES</b>		<b>235</b>	<b>181</b>	<b>416</b>
58111	Book publishing			
58121	Publishing of directories and mailing lists	57	63	120
58131	Publishing of newspapers, journals and periodicals			
58199	Other publishing activities	178	118	296
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>93</b>	<b>90</b>	<b>183</b>
59101	Motion picture, video and television programme production activities	93	90	183
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>299</b>	<b>193</b>	<b>492</b>
60101	Radio broadcasting	162	112	274
60201	Television programming and broadcasting activities	137	81	218
<b>TELECOMMUNICATIONS</b>		<b>1,471</b>	<b>1,165</b>	<b>2,636</b>
61101	Wired telecommunications activities	424	392	816
61201	Wireless telecommunications activities	855	645	1500
61301	Satellite telecommunications activities			
61909	Other telecommunications activities	192	128	320
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>142</b>	<b>73</b>	<b>215</b>
62011	Computer programming activities			
62021	Computer consultancy and computer facilities management activities	131	68	199
62099	Other information technology and computer service activities	11	5	16
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>104</b>	<b>46</b>	<b>150</b>
63111	Data processing, hosting and related activities	104	46	150
<b>TOTAL</b>		<b>2,344</b>	<b>1,748</b>	<b>4,092</b>

### 3.6 Macroeconomic Aggregates

**Table 6: Macroeconomic Aggregates (\$)**

FSIC 2010		GO	IC	VA	COE	CFC	OS
SUB-CLASS	ACTIVITY						
<b>PUBLISHING ACTIVITIES</b>		<b>30,238,074</b>	<b>14,243,540</b>	<b>15,994,534</b>	<b>5,441,309</b>	<b>336,155</b>	<b>10,217,070</b>
58111	Book publishing						
58121	Publishing of directories and mailing lists	6,745,814	2,577,985	4,167,829	1,583,011	209,154	2,375,664
58131	Publishing of newspapers, journals and periodicals						
58199	Other publishing activities	23,492,260	11,665,555	11,826,705	3,858,298	127,001	7,841,406
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>10,906,331</b>	<b>5,767,747</b>	<b>5,138,584</b>	<b>1,910,542</b>	<b>759,995</b>	<b>2,468,047</b>
59101	Motion picture, video and television programme production activities	10,906,331	5,767,747	5,138,584	1,910,542	759,995	2,468,047
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>34,640,234</b>	<b>20,238,592</b>	<b>14,401,642</b>	<b>9,226,003</b>	<b>2,549,212</b>	<b>2,626,427</b>
60101	Radio broadcasting	13,639,835	7,496,529	6,143,306	4,247,922	571,483	1,323,901
60201	Television programming and broadcasting activities	21,000,399	12,742,063	8,258,336	4,978,081	1,977,729	1,302,526
<b>TELECOMMUNICATIONS</b>		<b>469,032,516</b>	<b>149,161,956</b>	<b>319,870,560</b>	<b>50,107,746</b>	<b>32,791,025</b>	<b>236,971,789</b>
61101	Wired telecommunications activities	150,178,774	51,453,282	98,725,492	22,181,232	18,351,137	58,193,123
61201	Wireless telecommunications activities	250,968,662	70,140,831	180,827,831	18,008,627	5,547,651	157,271,553
61301	Satellite telecommunications activities						
61909	Other telecommunications activities	67,885,080	27,567,843	40,317,237	9,917,887	8,892,237	21,507,113
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>15,670,305</b>	<b>10,237,452</b>	<b>5,432,853</b>	<b>2,214,625</b>	<b>343,794</b>	<b>2,874,434</b>
62011	Computer programming activities						
62021	Computer consultancy and computer facilities management activities	14,980,580	9,912,311	5,068,269	2,121,125	320,144	2,627,000
62099	Other information technology and computer service activities	689,725	325,141	364,584	93,500	23,650	247,434
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>10,962,135</b>	<b>2,556,520</b>	<b>8,405,615</b>	<b>1,697,250</b>	<b>337,580</b>	<b>6,370,785</b>
63111	Data processing, hosting and related activities	10,962,135	2,556,520	8,405,615	1,697,250	337,580	6,370,785
<b>TOTAL</b>		<b>571,449,595</b>	<b>202,205,807</b>	<b>369,243,788</b>	<b>70,597,475</b>	<b>37,117,761</b>	<b>261,528,552</b>

### 3.7 Gross Fixed Capital Formation

**Table 7: Gross Fixed Capital Formation (\$)**

FSIC 2010		LAND DEVELOPMENT AND IMPROVEMENT	BUILDINGS	PLANT AND MACHINERY	FURNITURE, FIXTURES AND OFFICE EQUIPMENT	TRANSPORT VEHICLE AND RELATED EQUIPMENT	ICT EQUIPMENT	OTHERS	GROSS FIXED CAPITAL FORMATION
SUB-CLASS	ACTIVITY								
<b>PUBLISHING ACTIVITIES</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>148,615</b>	<b>34,016</b>	<b>0</b>	<b>0</b>	<b>182,631</b>
58111	Book publishing								
58121	Publishing of directories and mailing lists	0	0	0	148,615	34,016	0	0	182,631
58131	Publishing of newspapers, journals and periodicals								
58199	Other publishing activities	0	0	0	0	0	0	0	0
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>0</b>	<b>0</b>	<b>810,139</b>	<b>1,478</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>811,617</b>
59101	Motion picture, video and television programme production activities	0	0	810,139	1,478	0	0	0	811,617
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>0</b>	<b>0</b>	<b>103,812</b>	<b>166,700</b>	<b>6,268</b>	<b>12,951</b>		<b>289,731</b>
60101	Radio broadcasting	0	0	0	0	0	0	0	0
60201	Television programming and broadcasting activities	0	0	103,812	166,700	6,268	12,951	0	289,731
<b>TELECOMMUNICATIONS</b>		<b>128,000</b>	<b>2,793,000</b>	<b>33,198,200</b>	<b>1,498,533</b>	<b>576,238</b>	<b>43,388,576</b>	<b>18,373,600</b>	<b>99,956,147</b>
61101	Wired telecommunications activities	0	2,540,000	26,568,000	1,192,000	474,000	21,778,000	0	52,552,000
61201	Wireless telecommunications activities	0	253,000	468,000	281,468	57,000	21,358,000	1,700,000	24,117,468
61301	Satellite telecommunications activities								
61909	Other telecommunications activities	128,000	0	6,162,200	25,065	45,238	252,576	16,673,600	23,286,679
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>0</b>	<b>600,178</b>	<b>22,700</b>	<b>380,500</b>	<b>125,980</b>	<b>0</b>	<b>0</b>	<b>1,129,358</b>
62011	Computer programming activities								
62021	Computer consultancy and computer facilities management activities	0	600,178	22,700	380,500	81,980	0	0	1,085,358
62099	Other information technology and computer service activities	0	0	0	0	44,000	0	0	44,000
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>0</b>	<b>25,078</b>	<b>0</b>	<b>85,225</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110,303</b>
63111	Data processing, hosting and related activities	0	25,078	0	85,225	0	0	0	110,303
<b>GRAND TOTAL</b>		<b>128,000</b>	<b>3,418,256</b>	<b>34,134,851</b>	<b>2,281,051</b>	<b>742,502</b>	<b>43,401,527</b>	<b>18,373,600</b>	<b>102,479,787</b>

### 3.8 Average Turnover per Establishment

**Table 8: Average Turnover per Establishment**

FSIC 2010		ESTABLIS- HMENTS	INCOME FROM SALES OF GOODS AND SERVICES (as per survey)	AVERAGE TURNOVER PER ESTABLISHMENT
SUB- CLASS	ACTIVITY	NUMBER	\$	\$
<b>PUBLISHING ACTIVITIES</b>		<b>11</b>	<b>30,021,228</b>	<b>2,729,203</b>
58111	Book publishing			
58121	Publishing of directories and mailing lists	5	6,550,425	1,310,085
58131	Publishing of newspapers, journals and periodicals			
58199	Other publishing activities	6	23,470,803	3,911,801
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>11</b>	<b>9,915,909</b>	<b>901,446</b>
59101	Motion picture, video and television programme production activities	11	9,915,909	901,446
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>12</b>	<b>32,608,022</b>	<b>2,717,335</b>
60101	Radio broadcasting	5	11,978,802	2,395,760
60201	Television programming and broadcasting activities	7	20,629,220	2,947,031
<b>TELECOMMUNICATIONS</b>		<b>54</b>	<b>459,555,700</b>	<b>8,510,291</b>
61101	Wired telecommunications activities	24	147,637,156	6,151,548
61201	Wireless telecommunications activities	16	250,399,856	15,649,991
61301	Satellite telecommunications activities			
61909	Other telecommunications activities	14	61,518,688	4,394,192
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>39</b>	<b>9,559,189</b>	<b>245,107</b>
62011	Computer programming activities			
62021	Computer consultancy and computer facilities management activities	34	8,995,214	264,565
62099	Other information technology and computer service activities	5	563,975	112,795
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>25</b>	<b>8,898,329</b>	<b>355,933</b>
63111	Data processing, hosting and related activities	25	8,898,329	355,933
<b>TOTAL</b>		<b>152</b>	<b>550,558,377</b>	<b>3,622,095</b>

### 3.9 Average Turnover per Paid Employee

**Table 9: Average Turnover per Paid Employee**

FSIC 2010		INCOME FROM SALES OF GOODS AND SERVICES (as per survey)	PAID EMPLOYEE (as per survey)	AVERAGE TURNOVER PER PAID EMPLOYEE
SUB-CLASS	ACTIVITY	\$	NUMBER	\$
<b>PUBLISHING ACTIVITIES</b>		<b>30,021,228</b>	<b>412</b>	<b>72,867</b>
58111	Book publishing			
58121	Publishing of directories and mailing lists	6,550,425	120	54,587
58131	Publishing of newspapers, journals and periodicals			
58199	Other publishing activities	23,470,803	292	80,379
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>9,915,909</b>	<b>183</b>	<b>54,185</b>
59101	Motion picture, video and television programme production activities	9,915,909	183	54,185
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>32,608,022</b>	<b>492</b>	<b>66,276</b>
60101	Radio broadcasting	11,978,802	274	43,718
60201	Television programming and broadcasting activities	20,629,220	218	94,629
<b>TELECOMMUNICATIONS</b>		<b>459,555,700</b>	<b>2,636</b>	<b>178,338</b>
61101	Wired telecommunications activities	147,637,156	816	180,928
61201	Wireless telecommunications activities	250,399,856	1,500	166,933
61301	Satellite telecommunications activities			
61909	Other telecommunications activities	61,518,688	320	192,246
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES AND INFORMATION SERVICE ACTIVITIES</b>		<b>9,559,189</b>	<b>213</b>	<b>44,879</b>
62011	Computer programming activities			
62021	Computer consultancy and computer facilities management activities	8,995,214	197	45,661
62099	Other information technology and computer service activities	563,975	16	35,248
<b>INFORMATION SERVICE ACTIVITIES</b>		<b>8,898,329</b>	<b>133</b>	<b>66,905</b>
63111	Data processing, hosting and related activities	8,898,329	133	66,905
<b>TOTAL</b>		<b>550,558,377</b>	<b>4,069</b>	<b>135,306</b>

### 3.10 Average Compensation of Employees per Paid Employee

**Table 10: Average Compensation of Employees per Paid Employee**

FSIC 2010		COMPENSATION OF EMPLOYEES (as per survey)	PAID EMPLOYEE (as per survey)	AVERAGE COMPENSATION PER PAID EMPLOYEE
SUB-CLASS	ACTIVITY	\$	NUMBER	\$
<b>PUBLISHING ACTIVITIES</b>		<b>5,441,309</b>	<b>412</b>	<b>13,207</b>
58111	Book publishing			
58121	Publishing of directories and mailing lists	1,583,011	120	13,192
58131	Publishing of newspapers, journals and periodicals			
58199	Other publishing activities	3,858,298	292	13,213
<b>MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES</b>		<b>1,647,019</b>	<b>183</b>	<b>9,000</b>
59101	Motion picture, video and television programme production activities	1,647,019	183	9,000
<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>		<b>8,339,003</b>	<b>492</b>	<b>16,949</b>
60101	Radio broadcasting	3,360,922	274	12,266
60201	Television programming and broadcasting activities	4,978,081	218	22,835
<b>TELECOMMUNICATIONS</b>		<b>49,045,115</b>	<b>2,636</b>	<b>18,606</b>
61101	Wired telecommunications activities	22,181,232	816	27,183
61201	Wireless telecommunications activities	18,008,627	1,500	12,006
61301	Satellite telecommunications activities			
61909	Other telecommunications activities	8,855,256	320	27,673
<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>		<b>1,692,459</b>	<b>213</b>	<b>7,946</b>
62011	Computer programming activities			
62021	Computer consultancy and computer facilities management activities	1,598,959	197	8,117
62099	Other information technology and computer service activities	93,500	16	5,844
<b>INFORMATION SERVICES ACTIVITIES</b>		<b>1,042,625</b>	<b>133</b>	<b>7,839</b>
63111	Data processing, hosting and related activities	1,042,625	133	7,839
<b>TOTAL</b>		<b>67,207,530</b>	<b>4,069</b>	<b>16,517</b>

### 3.11 2009 Results Compared with 2008 Results

**Table 11: 2009 Results compared with 2008 Results**

AGGREGATES	2008		2009		Percentage change
	\$	Aggregates expressed as % of GO	\$	Aggregates expressed as % of GO	
<b>GO</b>	437,690,103		571,449,595		30.56
<b>IC</b>	158,035,655	36.10	202,205,807	35.38	27.95
<b>VA</b>	279,654,448	63.89	369,243,788	64.62	32.04
<b>COE</b>	57,997,847	13.25	70,597,475	12.35	21.72
<b>CFC</b>	35,156,826	8.03	37,117,761	6.50	5.58
<b>OS</b>	186,499,775	42.61	261,528,552	45.77	40.23
<b>GFCF</b>	99,590,458		102,480,587		2.90
<b>NUMBER ENGAGED</b>	3,867		4,092		5.82

*For supplementary information on the information and communication sector reference can be made to Appendix I for the Concepts and Definitions, Appendix II for the Industrial Classification Used, Appendix III for the Macroeconomic Aggregates, Appendix IV for the Sample Questionnaire.*

## APPENDIX I

### CONCEPTS AND DEFINITIONS

All concepts and definitions used in this report are based upon the recommendations of the United Nations. The major concepts and definitions and their treatment are briefly explained below.

<b><i>Compensation of Employees</i></b>	Includes payments, whether in cash or in kind, made by the employer during the inquiry period for the work done to all persons included in the count of employees. It includes all cash payments, commissions, bonuses, cost of living allowances and wages paid during periods of vacation and sick leave, contributions in respect of their employee's social security and pension and payments in kind.
<b><i>Consumption of Fixed Capital</i></b>	In theory this is the value of the current replacement cost of fixed assets used up during the accounting period as a result of normal wear and tear. The consumption of fixed capital shown in this report is derived from the information supplied by the firm. This is expected to conform largely to the requirements of Income Tax Act and no adjustment is attempted to bring this into conformity with the national accounts definition.
<b><i>Employment Size Group</i></b>	This includes paid employment as well as people engaged.
<b><i>Establishment</i></b>	An establishment is ideally an economic unit, which engages under single ownership or control, in one, or predominantly one kind of economic activity at a single physical location. An establishment may be part of an enterprise that is involved in more than one kind of economic activity at a single location. The organisation and the record - keeping practices of such an enterprise maybe such that data in respect of the inputs and outputs of the different classes of activity cannot be readily compiled. An example of this problem can be seen in retailing activities, which are combined with running of hotels. In both cases if it is not possible to separate the input-output costs of each activity due to the difficulty in the enterprises accounting system, the activity that brings in the major portion of the income is used as the criterion for classifying such establishments. An establishment could have been a branch of another one, and particulars had to be provided for each such branch establishment whether it was in the same town or district or in a different area.
<b><i>Fixed Assets</i></b>	Fixed assets include the value of all physical assets expected to have a productive life of more than one year and intended for use by the establishment. Included are major additions, alterations and improvements to existing fixed assets that extend their normal economic life or raise their productivity.



<b><i>Gross Fixed Capital Formation</i></b>	This is the outlay on new and second-hand durable goods less their sales plus their own account capital construction work done on similar goods.
<b><i>Gross Output</i></b>	This is the gross value of all goods and services produced during the accounting period. Included here are the income received from fees and commission, the value of capital construction for own account and other income.
<b><i>Intermediate Consumption</i></b>	Intermediate consumption consists of non-durable goods and services, which have a lifetime of use of less than one year. Compensation of employees do not form part of intermediate consumption, but expenditure such as traveling expenses of management personnel are included. Intermediate consumption differs from total purchases of raw materials, fuels etc. by the amount of stock changes of such goods. Valuation of intermediate consumption is at purchasers' value i.e. it is inclusive of all costs incurred by producers in the acquisition of the required goods and services.
<b><i>Local Owned</i></b>	All companies with 51 per cent of its equity held in Fiji are considered locally owned.
<b><i>Number of Employees</i></b>	This includes all persons who work in the establishment and receive regular pay and persons working away from the establishment when paid by and under the control of the establishment. Also included are salaried managers, and directors of incorporated businesses except when paid solely for their attendance at board of directors meetings.
<b><i>Operating Surplus</i></b>	This is the excess of value added by producers over compensation of employees, consumption of fixed capital and net indirect taxes.
<b><i>Payments in kind</i></b>	This is defined as the net cost to the employer of those goods and services furnished to employees free of charge or at markedly reduced cost that are clearly and primarily of benefit to the employees as consumers. The item includes food, beverages, clothing (except uniforms for civilians as these are not worn off-duty) and lodging etc.
<b><i>Statistical Unit</i></b>	Statistical unit is the Unit for which information is collected.
<b><i>Unpaid Family Workers</i></b>	Unpaid family workers are persons living in the household of any of the proprietors of the owning establishment and working in the establishment without regular pay for at least one third of the working time normal to the establishment.
<b><i>Value Added</i></b>	Value added is the difference between the gross output and the intermediate consumption. It provides a useful way of measuring without duplication the economic importance of an industry or industrial sector.
<b><i>Working Proprietors</i></b>	Working proprietors are owners of establishments who are actively engaged in the work of the establishment. Excluded are silent or inactive partners.

## APPENDIX II

### INDUSTRIAL CLASSIFICATION USED

SECTION J: INFORMATION AND COMMUNICATION from the Fiji Standard Industrial Classification 2010, commonly known as the FSIC 2010 has been used. FSIC 2010 is based on the International Standard Industrial Classification Rev 4

INFORMATION AND COMMUNICATION includes the production and distribution of information and cultural products, the provision of the means to transmit or distribute these products, communications, information technology activities and the processing of data and other information service activities.

DIVISION	GROUP	CLASS	SUB-CLASS	DESCRIPTION
58				<b>PUBLISHING ACTIVITIES</b>
	581			<b>Publishing of books, periodicals and other publishing activities</b>
		5811	58111	<b>Book publishing</b>  This sub-class includes publishing in print, electronic (CD, electronic displays etc.) or audio form or on the Internet: -books, brochures, leaflets and similar publications, including dictionaries -atlases, maps and charts -audio books -encyclopedias etc. on CD-ROM  This sub- class excludes: -production of globes, see 32999 -publishing of advertising material, see 58199 -publishing of music and sheet books, see 59201 -activities of independent authors, see 90001
		5812	58121	<b>Publishing of directories and mailing lists</b>  This sub-class includes the publishing of lists of facts/information (databases) that are protected in their form, but not in their content. These lists can be published in printed or electronic form: -publishing of mailing lists -publishing of telephone books -publishing of other directories and compilations, such as case law, pharmaceutical compendia etc.
		5813	58131	<b>Publishing of newspapers, journals and periodicals</b>  This sub-class includes publishing in print or electronic form, including on the Internet. -newspapers, including advertising newspapers -periodicals and other journals, including publishing of radio and television schedules

<b>DIVISION</b>	<b>GROUP</b>	<b>CLASS</b>	<b>SUB-CLASS</b>	<b>DESCRIPTION</b>
		<b>5819</b>	<b>58199</b>	<p><b>Other publishing activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-publishing (including on-line) of catalogs, photos, engravings and postcards, greeting cards, forms, posters, reproduction of works of art, advertising material, other printed matter</li> <li>-on-line publishing of statistics or other information</li> </ul> <p>This sub- class excludes:</p> <ul style="list-style-type: none"> <li>-retail sale of software, see 47411</li> <li>-publishing of advertising newspapers, see 58131</li> <li>-on-line provision of software (application hosting and application service provisioning), see 63111</li> </ul>
	<b>582</b>	<b>5820</b>	<b>58201</b>	<p><b>Software publishing</b></p> <p>This sub-class includes publishing of ready-made (non-customized) software:</p> <ul style="list-style-type: none"> <li>-operating systems</li> <li>-business and other applications</li> <li>-computer games for all platforms</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-reproduction of software, see 18201</li> <li>-retail sale of non-customized software, see 47411</li> <li>-production of software not associated with publishing, see 62011</li> <li>-on-line provision of software (application hosting and application service provisioning), see 63111</li> </ul>
<b>59</b>				<b>Motion picture, video and television programme production, sound recording and music publishing activities</b>
	<b>591</b>	<b>5910</b>	<b>59101</b>	<b>Motion picture, video and television programme activities</b>
				<p><b>Motion picture, video and television programme production activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-production of motion pictures, videos, television programmes or television commercials</li> <li>-motion picture, video and television programme post-production activities: <ul style="list-style-type: none"> <li>-post-production activities such as editing, titling, subtitling, credits, closed captioning, computer-produced graphics, animation and special effects, -film/tape transfers</li> <li>-activities of motion picture film laboratories and activities of special laboratories for animated films like developing and processing motion picture film, reproduction of motion picture film for theatrical distribution</li> <li>-activities of stock footage film libraries etc.</li> </ul> </li> <li>-motion picture, video and television programme distribution activities: <ul style="list-style-type: none"> <li>-distributing film, video tapes, DVDs and</li> </ul> </li> </ul>

DIVISION	GROUP	CLASS	SUB-CLASS	DESCRIPTION
				<p>similar productions to motion picture theatres, television networks and stations and exhibitors</p> <ul style="list-style-type: none"> <li>-acquiring film, video tape and DVD distribution rights</li> <li>-motion picture projection activities: <ul style="list-style-type: none"> <li>-motion picture or videotape projection in cinemas, in the open air or in other projection facilities</li> <li>-activities of cine-clubs</li> </ul> </li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-film duplicating (except reproduction of motion picture film for theatrical distribution) as well as reproduction of audio and video tapes, CDs or DVDs from master copies, see 18201</li> <li>-wholesale of recorded video tapes, CDs, DVDs, see 46499</li> <li>-retail trade of video tapes, CDs, DVDs, see 47621</li> <li>-sound recording and recording of books on tape, see 59201</li> <li>-creating a complete television channel programme, see 60201</li> <li>-television broadcasting, see 60201</li> <li>-film processing other than for the motion picture industry, see 74201</li> <li>-renting of video tapes, DVDs to the general public, see 77221</li> <li>-real-time (i.e. simultaneous) closed captioning of live television performances, meetings, conferences, etc., see 82999</li> <li>-activities of own account actors, cartoonists, directors, stage designers and technical specialists, see 90001</li> </ul>
	<b>592</b>	<b>5920</b>	<b>59201</b>	<p><b>Sound recording and music publishing activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-production of original master recordings, such as tapes, CDs</li> <li>-sound recording service activities in a studio or elsewhere, including the production of taped (i.e. non-live) radio programming, audio for film, television etc.</li> <li>-music publishing, i.e. activities of: <ul style="list-style-type: none"> <li>-acquiring and registering copyrights for musical compositions</li> <li>-promoting, authorizing and using these compositions in recordings, radio, television, motion pictures, live performances, print and other media</li> <li>-distributing sound recordings to wholesalers, retailers or directly to the public</li> </ul> </li> </ul> <p>Units engaged in these activities may own the copyright or act as administrator of the music copyrights on behalf of the copyright owners.</p> <ul style="list-style-type: none"> <li>-publishing of music and sheet books</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-reproduction from master copies of music or other sound recordings, see 18201</li> </ul>

<b>DIVISION</b>	<b>GROUP</b>	<b>CLASS</b>	<b>SUB-CLASS</b>	<b>DESCRIPTION</b>
				-wholesale of recorded audio tapes and disks, see 46499
<b>60</b>				<b>PROGRAMMING AND BROADCASTING ACTIVITIES</b>
	<b>601</b>	<b>6010</b>	<b>60101</b>	<p><b>Radio broadcasting</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-broadcasting audio signals through radio broadcasting studios and facilities for the transmission of aural programming to the public, to affiliates or to subscribers</li> <li>-activities of radio networks, i.e. assembling and transmitting aural programming to the affiliates or subscribers via over-the-air broadcasts, cable or satellite</li> <li>-radio broadcasting activities over the Internet (Internet radio stations)</li> <li>-data broadcasting integrated with radio broadcasting</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-production of taped radio programming, see 59201</li> </ul>
	<b>602</b>	<b>6020</b>	<b>60201</b>	<p><b>Television programming and broadcasting activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-creation of a complete television channel programme, from purchased programme components (e.g. movies, documentaries etc.), self produced programme components (e.g. local news, live reports) or a combination thereof. This complete television programme can be either broadcast by the producing unit or produced for transmission by third party distributors, such as cable companies or satellite television providers. The programming may be of a general or specialized nature (e.g. limited formats such as news, sports, education or youth oriented programming), may be made freely available to users or may be available only on a subscription basis.</li> <li>-programming of video-on-demand channels</li> <li>-data broadcasting integrated with television broadcasting</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-assembly of a package of channels and distribution of that package via cable or satellite to viewers, see division 61</li> </ul>
<b>61</b>				<b>TELECOMMUNICATIONS</b>
	<b>611</b>	<b>6110</b>	<b>61101</b>	<p><b>Wired telecommunications activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using a wired telecommunications infrastructure, including:</li> <li>-operating and maintaining switching and</li> </ul>

DIVISION	GROUP	CLASS	SUB-CLASS	DESCRIPTION
				<p>transmission facilities to provide point-to-point communications via landlines, microwave or a combination of landlines and satellite linkups</p> <ul style="list-style-type: none"> <li>-operating of cable distribution systems (e.g. for distribution of data and television signals)</li> <li>-furnishing telegraph and other non-vocal communications using own facilities</li> </ul> <p>The transmission facilities that carry out these activities may be based on a single technology or a combination of technologies.</p> <ul style="list-style-type: none"> <li>-purchasing access and network capacity from owners and operators of networks and providing telecommunications services using this capacity to businesses and households</li> <li>-provision of Internet access by the operator of the wired infrastructure</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-telecommunications resellers, see 61909</li> </ul>
	<b>612</b>	<b>6120</b>	<b>61201</b>	<p><b>Wireless telecommunications activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using a wireless telecommunications infrastructure</li> <li>-maintaining and operating paging as well as cellular and other wireless telecommunications networks</li> </ul> <p>The transmission facilities provide omni-directional transmission via airwaves and may be based on a single technology or a combination of technologies.</p> <ul style="list-style-type: none"> <li>-purchasing access and network capacity from owners and operators of networks and providing wireless telecommunications services (except satellite) using this capacity to businesses and households</li> <li>-provision of Internet access by the operator of the wireless infrastructure</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-telecommunications resellers, see 61909</li> </ul>
	<b>613</b>	<b>6130</b>	<b>61301</b>	<p><b>Satellite telecommunications activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using a satellite telecommunications infrastructure</li> <li>-delivery of visual, aural or textual programming received from cable networks, local television stations or radio networks to consumers via direct-to-home satellite systems</li> <li>-provision of Internet access by the operator of the satellite infrastructure</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-telecommunications resellers, see 61909</li> </ul>

<b>DIVISION</b>	<b>GROUP</b>	<b>CLASS</b>	<b>SUB-CLASS</b>	<b>DESCRIPTION</b>
	<b>619</b>	<b>6190</b>	<b>61909</b>	<p><b>Other telecommunications activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-provision of specialized telecommunications applications, such as satellite tracking, communications telemetry, and radar station operations</li> <li>-operation of satellite terminal stations and associated facilities operationally connected with one or more terrestrial communications systems and capable of transmitting telecommunications to or receiving telecommunications from satellite systems</li> <li>-provision of Internet access over networks between the client and the ISP not owned or controlled by the ISP, such as dial-up Internet access etc.</li> <li>-provision of telephone and Internet access in facilities open to the public</li> <li>-provision of telecommunications services over existing telecom connections: <ul style="list-style-type: none"> <li>-VOIP (Voice Over Internet Protocol) provision</li> </ul> </li> <li>-telecommunications resellers (i.e. purchasing and reselling network capacity without providing additional services)</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-provision of Internet access by operators of telecommunications infrastructure, see 61101, 61201, 61301</li> </ul>
<b>62</b>				<b>COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES</b>
	<b>620</b>	<b>6201</b>	<b>62011</b>	<p><b>Computer programming activities</b></p> <p>This sub-class includes the writing, modifying, testing and supporting of software i.e.</p> <ul style="list-style-type: none"> <li>-designing the structure and content of, and/or writing the computer code necessary to create and implement systems software (including updates and patches), software applications (including updates and patches), databases, web pages</li> <li>-customizing of software, i.e. modifying and configuring an existing application so that it is functional within the clients' information system environment</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-publishing packaged software, see 58201</li> <li>-planning and designing computer systems that integrate computer hardware, software and communication technologies, even though providing software might be an integral part, see 62021</li> </ul>
		<b>6202</b>	<b>62021</b>	<b>Computer consultancy and computer facilities management activities</b>

DIVISION	GROUP	CLASS	SUB-CLASS	DESCRIPTION
				<p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-planning and designing of computer systems that integrate computer hardware, software and communication technologies</li> </ul> <p>The units classified in this class may provide the hardware and software components of the system as part of their integrated services or these components may be provided by third parties or vendors. The units classified in this class often install the system and train and support the users of the system.</p> <ul style="list-style-type: none"> <li>-provision of on-site management and operation of clients' computer systems and/or data processing facilities, as well as related support services</li> </ul> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-separate sale of computer hardware or software, see 46511, 47411</li> </ul>
		<b>6209</b>	<b>62099</b>	<p><b>Other information technology and computer service activities</b></p> <p>This sub-class includes other information technology and computer related activities n.e.c. such as computer disaster recovery, installation (setting-up) of personal computers, software installation</p> <p>This sub-class excludes:</p> <ul style="list-style-type: none"> <li>-computer programming, see 62011</li> <li>-computer consultancy, see 62021</li> <li>-computer facilities management, see 62021</li> <li>-data processing and hosting, see 63111</li> </ul>
<b>63</b>				<b>INFORMATION SERVICE ACTIVITIES</b>
	<b>631</b>			<b>Data processing, hosting and related activities; web portals</b>
		<b>6311</b>	<b>63111</b>	<p><b>Data processing, hosting and related activities</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-provision of infrastructure for data processing, hosting, and related services</li> <li>-specialized hosting activities such as Web hosting, streaming services, application hosting</li> <li>-application service provisioning</li> <li>-general time-share provision of mainframe facilities to clients</li> <li>-data processing activities: <ul style="list-style-type: none"> <li>-complete processing of data supplied by clients</li> <li>-generation of specialized reports from data supplied by clients</li> </ul> </li> <li>-provision of data entry services</li> </ul>
		<b>6312</b>	<b>63121</b>	<p><b>Web portals</b></p> <p>This sub-class includes:</p> <ul style="list-style-type: none"> <li>-operation of web sites that use a search engine to</li> </ul>



<b>DIVISION</b>	<b>GROUP</b>	<b>CLASS</b>	<b>SUB-CLASS</b>	<b>DESCRIPTION</b>
				generate and maintain extensive databases of Internet addresses and content in an easily searchable format -operation of other websites that act as portals to the Internet, such as media sites providing periodically updated content
	<b>639</b>			<b>Other information service activities</b>
		<b>6391</b>	<b>63911</b>	<b>News agency activities</b>  This sub-class includes news syndicate and news agency activities furnishing news, pictures and features to the media  This sub-class excludes: -activities of independent journalists, see 90001
		<b>6399</b>	<b>63999</b>	<b>Other information service activities n.e.c.</b>  This sub-class includes other information service activities n.e.c., such as telephone based information services, information search services on a contract or fee basis, news clipping services, press clipping services, etc.  This sub-class excludes: -activities of call centers, see 82201

## APPENDIX III

### COMPOSITION OF MACROECONOMIC AGGREGATES

#### 1] PUBLISHING ACTIVITIES

Sub-class	DIVISION 58		
	58111/58121	58131/58199	TOTAL
<b>INCOME</b>			
<b>Primary Activity</b>	<b>6,550,425</b>	<b>23,470,803</b>	<b>30,021,228</b>
Revenue from sales and services	6,550,425	23,470,803	30,021,228
<b>Secondary Activity</b>	<b>195,389</b>	<b>21,457</b>	<b>216,846</b>
Subsidies received	0	0	0
Own account capital construction	0	0	0
Other income	195,389	21,457	216,846
<b>Gross Output</b>	<b>6,745,814</b>	<b>23,492,260</b>	<b>30,238,074</b>
<b>Miscellaneous Income</b>	<b>723,035</b>	<b>0</b>	<b>723,035</b>
Insurance claims received	0	0	0
Profit or loss received from other business	0	0	0
Property income received	48,246	0	48,246
Rent received from land	0	0	0
Interest received	48,246	0	48,246
Dividend received	0	0	0
Royalty received	0	0	0
Bad & doubtful debts recovered	56,224	0	56,224
Exchange gain	0	0	0
Gain on sales of fixed assets	12,441	0	12,441
VAT charged on goods and services provided	606,124	0	606,124
<b>TOTAL INCOME</b>	<b>7,468,849</b>	<b>23,492,260</b>	<b>30,961,109</b>
<b>EXPENDITURE</b>			
Purchase of materials for use in the business	725,233	5,821,574	6,546,807
Opening stock	0	0	0
Less closing stock	0	0	0
Purchase of fuel, electricity and water	41,125	99,366	140,491
Petrol/Automotive diesel fuel	7,268	43,540	50,808
Industries diesel fuel/Heavy fuel oil	0	0	0
Kerosene	0	0	0
Liquid petroleum gas	0	0	0
Electricity	33,129	49,971	83,100
Water	728	5,855	6,583
Repairs and maintenance paid for on vehicle, buildings	22,514	192,475	214,989
Cartage and haulage expenses paid to other firms	67,410	0	67,410
Travel expenses	157,790	291,390	449,180
Value of contract and commission work done	4,910	0	4,910
Audit, accounting and legal fee	56,910	79,133	136,043
Advertising and promotion etc	54,650	366,104	420,754
Bank charges	11,295	13,946	25,241
Postage, telephone and telecommunication etc	86,210	377,398	463,608
Office stationary &supplies	38,690	59,776	98,466
Management and consultation fee	178,456	265,310	443,766
Rent paid for hire of premises etc	164,450	301,329	465,779
Business insurance	42,164	25,576	67,740

Sub-class	DIVISION 58		
	58111/58121	58131/58199	TOTAL
Others expenditure	926,178	3,772,178	4,698,356
<b>Intermediate Input</b>	<b>2,577,985</b>	<b>11,665,555</b>	<b>14,243,540</b>
<b>Miscellaneous Expenditure</b>	<b>425,703</b>	<b>90</b>	<b>425,793</b>
Causality insurance	1,020	0	1,020
Property income paid	168,783	0	168,783
Rent paid on land	0	0	0
Interest paid	166,337	0	166,337
Dividend paid	0	0	0
Royalty paid	2,446	0	2,446
Bad & doubtful debts written off	71,086	0	71,086
Business license ,rates on property paid to central or local government .etc	248	90	338
TPAF levy	12,669	0	12,669
Exchange losses	27,884	0	27,884
Loss on sale of fixed assets	2,889	0	2,889
VAT paid on supplies of goods and services	141,124	0	141,124
<b>Compensation of employees</b>	<b>1,583,011</b>	<b>3,858,298</b>	<b>5,441,309</b>
Wages & salaries	1,487,814	3,477,450	4,965,264
FNPF	95,197	162,848	258,045
Payment in kind	0	218,000	218,000
<b>Consumption of fixed capital</b>	<b>209,154</b>	<b>127,001</b>	<b>336,155</b>
<b>TOTAL EXPENITURE</b>	<b>4,795,853</b>	<b>15,650,944</b>	<b>20,446,797</b>

**2] MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION,  
SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES and  
PROGRAMMING AND BROADCASTING ACTIVITIES**

SUB-CLASS	DIVISION 59	DIVISION 60		
	59101	60101	60201	TOTAL
<b>INCOME</b>				
<b>Primary Activity</b>	<b>10,738,331</b>	<b>11,978,820</b>	<b>20,629,220</b>	<b>32,608,040</b>
Revenue from sales and services	10,738,331	11,978,820	20,629,220	32,608,040
<b>Secondary Activity</b>	<b>168,000</b>	<b>1,661,015</b>	<b>371,179</b>	<b>2,032,194</b>
Subsidies received	0	1,500,000	0	1,500,000
Rent received from hire of buildings	168,000	0	0	0
Other income	0	161,015	371,179	532,194
<b>Gross Output</b>	<b>10,906,331</b>	<b>13,639,835</b>	<b>21,000,399</b>	<b>34,640,234</b>
<b>Miscellaneous Income</b>	<b>33,544</b>	<b>930,967</b>	<b>0</b>	<b>930,967</b>
Insurance claimed received	0	0	0	0
Profit or loss received from any other business in which you have an interest	0	0	0	0
Property income received	15,044	148,744	0	148,744
Rent received from land	15,044	148,744	0	148,744
Interest received	0	0	0	0
Dividends received	0	0	0	0
Royalty received	0	0	0	0
Bad and doubtful debts recovered	0	0	0	0
Exchange gain	10,500	0	0	0
Gain on sale of fixed assets	0	0	0	0
Vat charged on goods and services	8,000	782,223	0	782,223

SUB-CLASS	DIVISION 59	DIVISION 60		
	59101	60101	60201	TOTAL
<b>TOTAL INCOME</b>	<b>10,939,875</b>	<b>14,570,802</b>	<b>21,000,399</b>	<b>35,571,201</b>
<b>EXPENDITURE</b>				
Purchase of materials for use in the business	2,307,098	4,463,964	8,761,578	13,225,542
Opening stock	173,633	0	3,478,271	3,478,271
Less closing stock	204,538	0	3,486,389	3,486,389
Purchase of fuel, electricity and water	590,679	707,123	1,397,606	2,104,729
Petrol/Automotive diesel fuel	0	106,166	139,697	245,863
Industrial diesel fuel/heavy fuel oil	0	30,000	0	30,000
kerosene	0	0	0	0
Liquid petroleum gas	0	0	0	0
Electricity	567,085	559,602	1,225,209	1,784,811
Water	23,594	11,355	32,700	44,055
Repairs and maintenance paid for on vehicles ,building	332,983	276,220	126,321	402,541
Airtime and PSTN Charge	0	0	0	0
Directory Production cost	0	7,330	30,000	37,330
Equipment and ancillary cost	3,801	16,000	60,000	76,000
Cartage and haulage expenses paid to other firm	346,065	166,000	206,399	372,399
Travel expenses	139,240	17,244	352,978	370,222
Value of contract & commission work done	11,941	147,133	0	147,133
Audit, accounting and legal fee	43,752	58,096	106,506	164,602
Advertising and promotion etc	340,608	228,163	267,864	496,027
Bank charges	29,532	164,289	80,580	244,869
Radio Licence fee	0	4,783	0	4,783
Postage, telephone and telecommunication etc	173,032	160,082	273,146	433,228
Office stationery and supplies	57,677	82,000	60,763	142,763
Management and consultation fee	396,000	121,933	87,887	209,820
Rent paid for furniture, building, plant and machinery	174,346	75,698	597,409	673,107
Business insurance	419,980	399,204	250,000	649,204
Others expenditure	461,420	401,267	91,144	492,411
<b>Intermediate Input</b>	<b>5,767,747</b>	<b>7,496,529</b>	<b>12,742,063</b>	<b>20,238,592</b>
<b>Miscellaneous Expenditure</b>	<b>705,905</b>	<b>228,142</b>	<b>2,458,205</b>	<b>2,686,347</b>
Casualty insurance	0	0	0	0
Property income paid	0	197,874	53,058	250,932
Rent paid for land	0	190,874	45,579	236,453
Interest paid	0	7,000	7,479	14,479
Dividends paid	0	0	0	0
Royalty paid	0	0	0	0
Bad and doubtful debts written off	0	24,039	25,422	49,461
Business licenses, rates on property paid to central local government etc	38,839	560	92,439	92,999
TPAF levy	4,729	656	51,825	52,481
Exchange Losses	0	5,013	242,706	247,719
Loss on sale of fixed assets	0	0	0	0
VAT paid on supplies of goods and services	662,337	0	1,992,755	1,992,755
<b>Compensation of employee</b>	<b>1,910,542</b>	<b>4,247,922</b>	<b>4,978,081</b>	<b>9,226,003</b>

SUB-CLASS	DIVISION 59	DIVISION 60		
	59101	60101	60201	TOTAL
Wages and Salaries	1,746,530	3,623,519	4,581,233	8,204,752
FNPF	152,843	399,834	265,079	664,913
Payment in kind	11,169	224,569	131,769	356,338
<i>Consumption of fixed capital</i>	<i>759,995</i>	<i>571,483</i>	<i>1,977,729</i>	<i>2,549,212</i>
<b>TOTAL EXPENDITURE</b>	<b>9,144,189</b>	<b>12,544,076</b>	<b>22,156,078</b>	<b>34,700,154</b>

### 3] TELECOMMUNICATIONS

SUB-CLASS	DIVISION 61			
	61101	61201	61301/61909	TOTAL
<b>INCOME</b>				
<b>Primary Activity</b>	<b>147,637,156</b>	<b>250,399,856</b>	<b>66,612,989</b>	<b>464,650,001</b>
Revenue from sales and services	147,637,156	250,399,856	66,612,989	464,650,001
<b>Secondary Activity</b>	<b>2,541,618</b>	<b>568,806</b>	<b>1,272,091</b>	<b>4,382,515</b>
Rent received for the hire of buildings	2,129,142	0	0	2,129,142
Subsidies received	54,444	0	0	54,444
Own account capital construction	0	0	0	0
Other income	358,032	568,806	1,272,091	2,198,929
<b>Gross Output</b>	<b>150,178,774</b>	<b>250,968,662</b>	<b>67,885,080</b>	<b>469,032,516</b>
<b>Miscellaneous Income</b>	<b>17,698,877</b>	<b>27,998,308</b>	<b>1,697,455</b>	<b>47,394,640</b>
Insurances claims received	130,631	1,344,000	0	1,474,631
Profit or loss received from any business you have interest	0	0	0	0
Property income received	0	4,200	483,072	487,272
Rent received from land	0	0	0	0
Interest received	0	4,200	483,072	487,272
Dividends received	0	0	0	0
Royalty received	0	0	0	0
Bad and doubtful debts recovered	13,275	971,040	0	984,315
Exchange gain	3,354,642	526,320	652,505	4,533,467
Gain on sale of fixed assets	345,576	0	0	345,576
VAT charged on goods and services provided	13,854,753	25,152,748	561,878	39,569,379
<b>TOTAL INCOME</b>	<b>167,877,651</b>	<b>278,966,970</b>	<b>69,582,535</b>	<b>516,427,156</b>
<b>EXPENDITURE</b>				
Purchases of material for use in the business	17,269,641	39,169,230	16,118,324	72,557,195
Opening Stock	4,081,000	15,340,000	0	19,421,000
less closing Stock	2,887,000	23,850,000	0	26,737,000
Purchase of fuel, electricity and water	3,058,884	4,913,565	2,327,820	10,300,269
Petrol/Automotive diesel fuel	173,967	844,059	974,190	1,992,216
Industries diesel fuel/Heavy fuel oil	834,804	0	0	834,804
Kerosene	0	0	0	0
Liquid petroleum gas	37,289	0	0	37,289
Electricity	1,952,355	4,035,065	1,282,417	7,269,837
Water	60,469	34,441	71,213	166,123
Repairs and maintenance paid for on vehicles, buildings	2,810,647	376,907	1,392,494	4,580,048
Airtime and PSTN Charges	1,861,876	0	0	1,861,876

SUB-CLASS	DIVISION 61			
	61101	61201	61301/61909	TOTAL
Directory Production cost	11,651,379	0	0	11,651,379
Equipment and ancillary cost	61,756	5,005,606	4,158	5,071,520
Cartage and haulage expenses paid to other firms	88,199	335,580	0	423,779
Travel Expenses	1,524,587	1,023,467	383,597	2,931,651
Value of contract and commission work done	921,895	1,064,000	0	1,985,895
Audit accounting and legal fee	189,597	1,231,310	941,410	2,362,317
Advertising and promotion etc	2,443,676	11,155,500	1,599,415	15,198,591
Bank Charges	137,335	2,097,080	31,728	2,266,143
Discounts and rebate allowed	901,581	0	0	901,581
Provision for stock obsolescence	908,798	0	0	908,798
Radio Licence fee	0	0	1,156,900	1,156,900
Postage, telephone and telecommunication etc	269,882	21,013	1,248,813	1,539,708
Management and consultation fee	0	1,964,713	0	1,964,713
Rent paid for furniture, plant and machinery	622,961	1,030,800	884,165	2,537,926
Business insurance paid	0	0	0	0
Other expenditure	5,536,588	9,262,060	1,479,019	16,277,677
<b><i>Intermediate Input</i></b>	<b><i>51,453,282</i></b>	<b><i>70,140,831</i></b>	<b><i>27,567,843</i></b>	<b><i>149,161,956</i></b>
<b>Miscellaneous Expenditure</b>	<b>16,904,631</b>	<b>46,576,962</b>	<b>643,212</b>	<b>64,124,805</b>
Causality insurance	0	0	0	0
Property income paid	4,740,368	8,616,000	270,634	13,627,002
Rent paid on land	274,409	1,020,000	11,980	1,306,389
Interest paid	4,465,959	7,596,000	258,654	12,320,613
Dividends paid	0	0	0	0
Royalty paid	0	0	0	0
Bad and doubtful debts written off	7,150,081	531,420	80,579	7,762,080
Business licenses, rated on property paid to central government etc	1,436,789	1,616,250	71,679	3,124,718
TPAF levy	226,585	199,183	44,934	470,702
Exchange losses	502,808	14,548,500	14,329	15,065,637
Loss on sale of fixed asset	0	2,740,000	17,592	2,757,592
VAT paid on supplies of goods and services	2,848,000	18,325,609	143,465	21,317,074
<b><i>Compensation of employees</i></b>	<b><i>22,181,232</i></b>	<b><i>18,008,627</i></b>	<b><i>9,917,887</i></b>	<b><i>50,107,746</i></b>
Wages and Salaries	20,224,948	16,297,937	9,114,456	45,637,341
FNPF	1,706,284	1,440,690	793,431	3,940,405
Payment in kind	250,000	270,000	10,000	530,000
<b><i>Consumption of fixed capital</i></b>	<b><i>18,351,137</i></b>	<b><i>5,547,651</i></b>	<b><i>8,892,237</i></b>	<b><i>32,791,025</i></b>
<b>TOTAL EXPENDITURE</b>	<b>108,890,282</b>	<b>140,274,071</b>	<b>47,021,179</b>	<b>296,185,532</b>

#### 4] COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES

SUB-CLASS	DIVISION 62			63111
	62011/62021	62099	TOTAL	
<b>PRIMARY ACTIVITY</b>	<b>14,230,454</b>	<b>563,975</b>	<b>14,794,429</b>	<b>10,962,135</b>
Revenue from sales and services	14,230,454	508,975	14,739,429	10,962,135
Rent	0	55,000	55,000	0
<b>Secondary Activity</b>	<b>750,126</b>	<b>125,750</b>	<b>875,876</b>	<b>0</b>
Subsidies received	0	0	0	0
Own account capital construction	0	0	0	0
Other income	750,126	125,750	875,876	0
<b>Gross Output</b>	<b>14,980,580</b>	<b>689,725</b>	<b>15,670,305</b>	<b>10,962,135</b>
<b>Miscellaneous Income</b>	<b>38,620</b>	<b>8,750</b>	<b>47,370</b>	<b>35,665</b>
Insurance claims received:		0	0	1,600
Profit or loss received from any other business	0	0	0	0
Property income received	770	2,250	3,020	6,415
Rent received from land	0	0	0	0
Interest received	770	2,250	3,020	6,415
Dividend received	0	0	0	0
Royalty received	0	0	0	0
Bad and doubtful debts received	0	0	0	0
Exchange gain	0	0	0	0
Gain on sale on fixed assets	0	0	0	0
VAT charged on goods and services	37,850	6,500	44,350	27,650
<b>TOTAL INCOME</b>	<b>15,019,200</b>	<b>698,475</b>	<b>15,717,675</b>	<b>10,997,800</b>
<b>EXPENDITURE</b>				
Purchase of materials for use in the business	8,329,977	135,250	8,465,227	551,796
Opening stock	0	0	0	0
Less closing stock	0	0	0	0
Purchase of fuel, electricity and water	140,125	32,372	172,497	558,345
Petrol/Automotive diesel fuel	86,125	13,100	99,225	320,565
Industries diesel fuel/Heavy fuel oil	0	0	0	0
Electricity	49,500	16,150	65,650	220,780
Water	4,500	3,122	7,622	17,000
Repairs and Maintenance paid for on vehicles ,building	75,000	3,590	78,590	299,500
Cartage and Haulage Expenses paid to Other Firm	475	0	475	0
Travel Expenses	149,000	6,759	155,759	0
Value of contract and commission work done	1,500	3,500	5,000	0
Audit accounting and legal fee	20,900	4,577	25,477	35,700
Advertising and promotion etc	41,500	0	41,500	5,000
Bank charges	65,255	0	65,255	89,705
Postage, telephone and telecommunication etc	61,122	34,898	96,020	188,982
Office stationery and supplies	16,880	0	16,880	16,580

SUB-CLASS	DIVISION 62			63111
	62011/62021	62099	TOTAL	
Management and consultation Fee	57,950	0	57,950	0
Rent paid for furniture, plant and machinery	126,852	0	126,852	0
Business insurance paid	15,650	25,000	40,650	16,754
Others expenditure	810,125	79,195	889,320	794,158
<b>Intermediate Input</b>	<b>9,912,311</b>	<b>325,141</b>	<b>10,237,452</b>	<b>2,556,520</b>
<b>Miscellaneous Expenditure</b>	<b>31,199</b>	<b>13,175</b>	<b>44,374</b>	<b>33,685</b>
Casualty insurance	0	0	0	0
Property income paid	4,158	550	4,708	11,500
Rent paid for land	0	0	0	0
Interest paid	4,158	550	4,708	11,500
Dividend paid	0	0	0	0
Royalty paid	0	0	0	0
Bad and doubtful debts written off	0	0	0	0
Business license, rates on property paid to central or local government etc	6,304	1,125	7,429	6,285
TPAF levy	0	0	0	0
Exchange losses	0	0	0	0
Loss on sale of fixed assets	0	0	0	0
VAT paid on supplies of goods and services	20,737	11,500	32,237	15,900
<b>Compensation of employees</b>	<b>2,121,125</b>	<b>93,500</b>	<b>2,214,625</b>	<b>1,697,250</b>
Wages and salaries	2,055,025	81,450	2,136,475	1,585,500
FNPF	66,100	12,050	78,150	111,750
Payment in Kind	0	0	0	0
<b>Consumption of fixed capital</b>	<b>320,144</b>	<b>23,650</b>	<b>343,794</b>	<b>337,580</b>
<b>TOTAL EXPENDITURE</b>	<b>12,384,779</b>	<b>455,466</b>	<b>12,840,245</b>	<b>4,625,035</b>



## 5] SUMMARY

<b>SUB-CLASS</b>	<b>TOTAL</b>
<b>INCOME</b>	
<b>Primary Activity</b>	<b>563,774,164</b>
Revenue from sales and services	563,719,164
Rent	55,000
<b>Secondary Activity</b>	<b>7,675,431</b>
Subsidies received	1,554,444
Rent received from hiring of building	2,297,142
Other income	3,823,845
<b>Gross Output</b>	<b>571,449,595</b>
<b>Miscellaneous Income</b>	<b>49,165,221</b>
Insurance claims received	1,476,231
Profit or loss received from any other business	0
Property income received	708,741
Rent received from land	163,788
Interest received	544,953
Dividend received	0
Royalty received	0
Bad and doubtful debts received	1,040,539
Exchange gain	4,543,967
Gain on sales of fixed assets	358,017
VAT charged on goods and services	41,037,726
<b>TOTAL INCOME</b>	<b>620,614,816</b>
<b>EXPENDITURE</b>	
Purchase of materials for use in the business	103,653,665
Opening stock	23,072,904
Less closing stock	30,427,927
Purchase of fuel, electricity and water	13,309,223
Petrol/Automotive diesel fuel	2,587,920
Industries diesel fuel/Heavy fuel oil	864,804
Kerosene	0
Liquid petroleum gas	37,289
Electricity	9,991,263
Water	264,977
Repairs and Maintenance paid for on vehicles ,building	5,908,651
Airtime and PSTN Charges	1,861,876
Directory Production Cost	11,688,709
Equipment and Ancillary cost	5,151,321
Cartage and Haulage Expenses paid to Other Firm	1,210,128
Travel Expenses	4,046,052
Value of contract and commission work done	2,154,879
Audit, accounting and legal fees	2,767,891
Advertising and promotion etc	16,502,480
Bank charges	2,691,243
Discounts and rebate allowed	901,581
Provision for stock obsolescence	908,798
Postage, telephone and telecommunication etc	2,894,578
Radio Licence fee	1,161,683
Office Stationery	332,366
Management and consultation fees	3,072,249
Rent paid for hire of premises etc	3,978,212

<b>SUB-CLASS</b>	<b>TOTAL</b>
<b>INCOME</b>	
Business insurance paid	1,194,328
Other expenditure	23,613,332
<b><i>Intermediate Input</i></b>	<b>202,205,807</b>
Miscellaneous Expenditure	<b>68,020,909</b>
Causality insurance	1,020
Property income paid	14,062,925
Rent paid on land	1,542,842
Interest paid	12,517,637
Dividend paid	0
Royalty paid	2,446
Bad & doubtful debts written off	7,882,627
Business license, rates on property paid to central or local government etc	3,270,608
TPAF levy	540,581
Exchange losses	15,341,240
Loss on sale of fixed assets	2,760,481
VAT paid on supplies of goods and services	24,161,427
<b><i>Compensation of employees</i></b>	<b>70,597,475</b>
Wages & Salaries	64,275,862
FNPF	5,206,106
Payment in kind	1,115,507
<b><i>Consumption of fixed capital</i></b>	<b>37,117,761</b>
<b>TOTAL EXPENDITURE</b>	<b>377,941,952</b>

## APPENDIX IV SAMPLE QUESTIONNAIRE

*Ratu Sukuna House, Mac Arthur Street, Victoria Parade, Suva*



*P O Box 2221  
Government Buildings  
Suva  
FIJI*

*Telephone: [679] 331 5822  
Fax No. [679] 330 3656  
E-mail: [info@statsfiji.gov.fj](mailto:info@statsfiji.gov.fj)  
Website: [www.statsfiji.gov.fj](http://www.statsfiji.gov.fj)*

CONFIDENTIAL

DESPATCHED: 01\04\10

### 2009 CENSUS OF COMMUNICATION

Please correct any errors  
appearing in this label.

Dear Sir\Madam,

Enclosed are two copies of the 2009 Census of Communication questionnaire.

**COVERAGE AND SCOPE:** It covers all establishments engaged in the communication sector classified under the Fiji Standard Industrial Classification (refer note on page 2). If an establishment's communication activities are combined with other types of business, you should report on the communication side of the operations only.

**PURPOSE:** The census provides an important means of assessing the contribution this sector makes to the economy of Fiji, and indicates the changing composition and structure of the industry. The results of the Census are used by the Fiji Islands Bureau of Statistics in the estimation of the National Income of Fiji and in the provision of other key indicators.

**REFERENCE PERIOD:** Reference period is the calendar year 2009. If your accounting year is different provide information approximating closest to the calendar year 2009. Limited liability companies are requested to submit a copy of their financial statements with the questionnaire.

**COMPULSORY REQUIREMENT:** The Census is conducted under the provisions of the Statistics Act 1961(Cap 71). In accordance with Section 8 subsection 2 of this Act you are required to fill in one copy of the questionnaire and return it to the undersigned on or before 30/04/09. Failure to meet this deadline could result in legal action without further notice.

**CONFIDENTIALITY OF INFORMATION:** Information supplied will be used by the department for the preparation of statistics. Any release of information will be in accordance with the Statistics Act and only persons authorised will have access to individual information.

**CONTACT PERSON FOR HELP AND ADVICE:** Ms Uma Reddy on extension 132 or email [ureddy@statsfiji.gov.fj](mailto:ureddy@statsfiji.gov.fj)

T Bainimarama  
Government Statistician

**NOTE:** Under the Fiji Standard Industrial Classification, Communication includes all units engaged in providing telecommunication services.

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### **ORGANISATIONAL STRUCTURE**

---

1 A business can have more than one establishment involved in similar or different activities at different locations. State the location, the type of activity engaged in and the Gross Turnover of each establishment during the year.

---

### **FORM OF OWNERSHIP**

---

- 4
- (1) Fiji owned:  
This is an establishment operating in Fiji in which 51% or more equity is held locally.
  - (2) Branch of an overseas company:  
This is an establishment operating in Fiji which is controlled by or supervised by an overseas head office and which is an integral part of the foreign parent organisation. Branch has no equity share capital.
  - (3) Subsidiary of an overseas company:  
A company is a subsidiary of another if that other company owns this subsidiary wholly or holds more than half the nominal value of the equity share capital of this subsidiary company.

---

### **EQUITY PARTICIPATION**

---

5 Give the proportion of the share capital held by residents of Fiji. Equity share capital held by companies or individuals on behalf of residents of Fiji should also be included.

---

### **NATURE OF WORK**

---

6 In cases where establishments are involved in more than one activity at a single location, please state the major activity involved in.

---

### **OPERATING STATUS**

---

7 If you are no longer in business, a **STATUTORY DECLARATION** must be attached to one copy of the questionnaire with the words "**CLOSED BUSINESS**" written across the questionnaire and returned to the Fiji Islands Bureau of Statistics. The Statutory Declaration must be signed by a Magistrate or a Barrister\Solicitor, Justice of Peace or a member of the Notary Public acting on your behalf. The Statutory Declaration must state the name of the business, nature of its activity and the date on which it ceased operation. If your business operated for part of the year 2009 please provide information for the duration your business operated.

## QUESTIONNAIRE

All relevant questions must be answered with clear and correct figures. Estimates will be accepted where actual data are not available. Values, **excluding VAT**, are to be expressed in Fiji Dollars.

### ORGANISATIONAL STRUCTURE

1	Does this business operate at more than one location?			
	Please tick the appropriate box: No    Yes    If yes, please give details below:			
	NAME OF ESTABLISHMENT\BRANCH (1)	PHYSICAL LOCATION OF BUSINESS (2)	MAIN TYPE OF BUSINESS OR ACTIVITY (3)	GROSS TURNOVER (4)
	<b>Note:</b> This return is required for the addressed establishment only. In case this is not possible, a combined return with similar main activities may be submitted. If the information can not be provided on this basis, please state the reasons:			
	<b>Remark:</b> Please comment here to assist in the interpretation of data supplied:			
	<b>IMPORTANT: PLEASE ANSWER THE FOLLOWING:</b>			
	<ul style="list-style-type: none"> <li>• Do you operate from your own base?</li> <li>• How many taxies operate from your base?</li> <li>• How many taxies do you own?</li> </ul>			

### ACCOUNTING PERIOD

2	Please state the accounting period: From \ \2009 To \ \2009
---	---

### LEGAL STATUS OF ORGANISATION

		Please tick appropriate box			
3		Individual ownership	1	Partnership	2
	[001]	Co-operative	3	Private Limited Company	4
		Public Limited Company	5	Public or Statutory Body	6
		Non-Profit Organisation	7	Others (specify)	8

### FORM OF OWNERSHIP

4		Please tick appropriate box			
	[002]	Fiji owned	1	Branch of an overseas company	2
		Subsidiary of an overseas company	3	Others (specify)	4

### EQUITY PARTICIPATION

5	Please indicate in the appropriate box equity capital held by Fiji Citizens.			
	(a) As at end of 2008	%	(b) As at end of 2009	%

### NATURE OF WORK

6	Please give a brief description of the main activity of the establishment\s covered by this return:			
	[003   FOR OFFICIAL USE ONLY			

### OPERATING STATUS

7	Please state whether the establishment in question (tick appropriate box)			
	Operated during the whole of the accounting period specified		1	
	Operated during part of the accounting period specified (specify mths)		2	
	Had not commenced business during the accounting period specified		3	

---

**INCOME FROM TRANSPORT, STORAGE AND COMMUNICATION SERVICES**

---

- 8 This should include the revenue received from communication services; include wired, wireless, satellite and other telecommunication activities.

**Exclude VAT charged on goods and services provided.**

---

**OTHER INCOME**

---

- 12 Exclude rent received for land which should be included in question 13 a].
- 10 a] Include all claims arising from business insurance. Examples of business insurances are insurance against the risk of buildings, properties and stocks. Exclude life, education or any other personal insurance.
- b] Include all claims arising from casualty insurance. Examples of casualty insurance are insurance against the risk of accidents and illness to employees. Claims for life, education or any other forms of personal insurance are to be excluded.

**INCOME FROM TRANSPORT, STORAGE AND COMMUNICATION**

8		Please <b>specify</b> below (refer to notes on the opposite page) income received from communication activities.	VALUE (\$)
	a]	Internet services	
	b]	Call revenue	
	c]	Card services	
	d]	Data network revenue	
	e]	Directory revenue	
	f]	Equipment and ancillaries	
	g]	Internet Revenue	
	h]	Management fees	
	i]	Operator services	
		Total	004

**OTHER INCOME**

			VALUE (\$)
9		Subsidies and grants received	005
10		Insurance claims received: a] Business insurance claims received	006
		b]Casualty insurance claims received	007
11		Profit or loss received from any other business in which you have an interest	008
12		Rent received for the hire of building	009
13		Income from: a] Rent received from land	010
		b] Interest received	011
		c] Dividends received	012
		d] Royalty received	013
14		Bad and doubtful debts recovered	014
15		Exchange gain	015
16		Gain on sale of fixed assets	016
17		Others (specify). _____ _____ _____ _____ _____	017
		Total other income (Codes 005 - 017)	018
18		VAT charged on goods and services provided	019
19		<b>GRAND TOTAL OF ALL INCOME RECEIVED (Codes 004 + 018 + 019 )</b>	020 \$

---

**PURCHASES OF MATERIALS AND SUPPLIES**

---

20 State in detail the total value of materials, including packing materials and containers, purchased during the year. In arriving at the value, deduct trade discounts received.

Direct import by establishments should be reported at cost.

**Exclude VAT paid on supplies of goods and services.**

---

**FUEL, ELECTRICITY AND WATER**

---

24-27 Fuel purchased other than fuel purchased for resale should be included.

28 This should include the cost of electricity purchased for lighting, air conditioning, refrigeration etc.

---

**OTHER EXPENDITURE**

---

30-31 Repairs and maintenance costs paid to other firms covers the total costs of current repair and maintenance service provided by such firms on repairs done on vehicles, building etc of the establishment. Current repair and maintenance carried out by an ancillary repair and maintenance unit which has been treated as an independent establishment should be included.

33 Cartage and haulage expense includes payment for the transportation of goods and materials within the country. It excludes cost of transport carried out by your own equipment and employees.

35 Contract and commission work done by other establishments on your materials covers payments made by the establishment for contract and commission work done on materials controlled by your establishment.

41 a] Include payment in respect of leased\rented land. If it is not possible to separate payments made for land from building, please include expenditure in question 40.

b] Interest payments include interest on long-term debts and interest on any other money the establishment has borrowed.



## PURCHASES OF MATERIALS AND SUPPLIES

	Please state supplies purchased in connection with the operation of your business.	VALUE (\$)
20	a]	021
21	b]	022
22	c]	023
23	d]	024
	Total [Code 021 – 024]	025

## FUEL, ELECTRICITY AND WATER

	Please state the expenditure incurred on fuel, electricity and water	VALUE (\$)
24	Industrial diesel fuel/Heavy fuel oil	026
25	Petrol/Automotive diesel fuel	027
26	Industrial diesel fuel/Heavy fuel oil	028
27	Kerosene	029
28	Liquid petroleum gas	030
29	Electricity	031
30	Water	032
	Total [Code 26 – 032]	033

## OTHER EXPENDITURE

		VALUE (\$)
31	Repairs and maintenance costs on paid for on vehicles, building etc to outside firm	034
32	Airtime and PSTN charges	035
33	Directory production cost	036
34	Equipment and ancillary cost	037
35	Cartage and haulage expenses paid to other firms	038
36	Travel expenses (eg management, personal etc.)	039
37	Value of contract and commission work done	040
38	Audit, accounting and legal fee	041
39	Advertising and promotion etc	042
40	Bank charges	043
41	Discounts and rebate allowed	044
42	Provision for stock obsolescence	045
43	Radio licence fees	046
44	Postage, telephone and telecommunication etc	047
45	Rent paid for the hire of premises etc	048
46	Expenditure on: a) Rent paid for land	049
	b) Interest paid	050
	c) Dividends paid	051
	d) Royalty paid	052
47	Management and consultation fee	053
48	Bad and doubtful debts written off	054
49	Business licenses, rates on property paid to central or local government etc	055
50	Casualty insurance	056
51	Training and Productivity Authority of Fiji Levy [TPAF]	057
52	Exchange losses	058
53	Loss on sale of fixed assets	059
54	Depreciation claimed (to agree with question 60(7))	060
55	All other costs and expenses	061
	_____	_____
	_____	_____
	Total other expenditure [Codes 037 to 062 excluding 052]	062

---

**EMPLOYMENT AND COMPENSATION OF EMPLOYEES**

---

- 51 Please note that the information in respect of employment is for the last pay-week in June 2010 but the rest of the question requires data for the appropriate accounting year.

Gross wages and salaries includes overtime, sick and holiday pay, bonuses, payments under piece rate schemes, all allowances, severance and redundancy pay, sales commissions paid to own employees and directors fee etc.

Payment in kind is the cost to the employer for providing employees with housing, transport, clothing, food, drinks, fuels, etc free of charge or at a reduced rate.

Operatives includes all employees directly engaged in the activity of the establishment, eg those in fabrication, processing, assembling, shop messengers, warehouse men, packers and repair men etc. Casual workers should also be included here.

Others include administrators, technical and clerical personnel, eg salaried managers, clerks and typists etc.

Expatriates are non-Fiji citizens who stayed in Fiji.

Working proprietors include all individual proprietors and partners who are actively engaged in the work of the establishment. Silent or inactive partners should be excluded unless they participate actively in the work of the establishment.

Unpaid family workers include persons living in the household of any of the proprietors of the owning establishment and working in the establishment without regular pay for at least a third of the normal working hours of the establishment.

---

**STOCKS**

---

- 54 Include all stocks.

---

**NET EARNINGS AND TAXES PAID**

---

- 55 This is the net profit of your establishment\enterprise from the profit and loss account. The following method would enable you to check if all the information from the trading, profit and loss account have been entered onto the questionnaire:

	Income [Code 020 + 097 (3)]	\$
less	Expenditure [Code 093]	\$
equals	Profit (+)\Loss (-) [Code 100]	\$

**EMPLOYMENT AND COMPENSATION OF EMPLOYEES**

51		NUMBER EMPLOYED	GROSS WAGES AND SALARIES PAID	EMPLOYER'S CONTRIBUTION TO FPNF ETC	PAYMENT IN KIND
		(1)	(2)	(3)	(4)
a)	Fiji citizens	063			
	Expatriates	064			
	Total	065			
c)	Working without pay				
	i) Working proprietors	066			
	ii) Unpaid family workers	067			
	<b>Total [Codes 080(1) to 085]</b>	068			
d)	From the total number in employment given in code 078, please state:				
	Sex	Total Males	Total Females		
		(1)	(2)		
		069			

52	VAT paid on supplies of goods and services	070	
----	--	-----	--

53	GRAND TOTAL OF ALL EXPENDITURE INCURRED [Codes 025+032 + 063 +072(2,3,4) +081	071	\$
----	--	-----	----

**STOCKS**

54	Please give the value of stock held by your establishment		VALUE OF STOCKS (\$)		
			OPENING	CLOSING	CHANGE
			(1)	(2)	(2)-(1)=(3)
a)	Stock of finished goods bought for sale	072			
b)	Materials, fuel, supplies and component	073			
	Total	074			

**NET EARNINGS AND TAXES PAID**

			Amount (\$)
55	Net profit\loss of your establishment\enterprise. If this does not agree with question 55, please give reasons	075	
56	Taxable income of your establishment\enterprise	076	
57	Amount, if any, of previous year losses that was deducted before arriving at the taxable income	077	
58	Amount of Fiji Income Tax paid\payable by your establishment\enterprise	078	

**FIXED CAPITAL ASSETS**

57			VALUE (\$)							
			Openin g book Value  (1)	Purchase of new and second hand assets at cost		Land Develop ment & Impr - rovement (4)	Own Accou nt Capital Const (5)	Sales of Capital Assets (6)	Depre c- iation (7)	Closin g Book Value (8)
				Local ly (2)	From abroad (3)					
a]	Land	079								
b]	Non-Residential Building	087								
c]	Other Structures	095								
d]	Plant and Machinery	103								
e]	Other Machinery & Equipment	111								
f]	ICT equipment	119								
g]	Furniture, Fixtures and Office Equipment	127								
h]	Transport Vehicles and Related Equipment	135								
i]	Research & Development	143								
j]	Entertainment, Literacy Or Artistic Originals	151								
k]	Other Intellectual Property Products.	159								
l]	Precious Metals and Stones	167								
m]	Antiques & Other Art Objects.	175								
n]	Other Valuables	183								
0]	Others (specify):	191								
	Total	199								

Signature of person completing the questionnaire: \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Position \_\_\_\_\_

Telephone No \_\_\_\_\_ Fax No \_\_\_\_\_ Email \_\_\_\_\_

If Chartered Account in private practice, please place a tick in the box

**THANK YOU FOR COMPLETING THE QUESTIONNAIRE**