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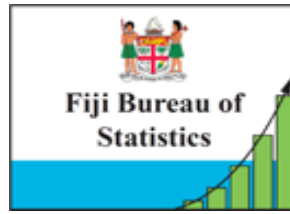
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ECONOMIC SURVEYS

CONSTRUCTION

2021

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PREFACE AND ACKNOWLEDGEMENTS

The report provides information on the Construction activities in 2021. The information was gathered from establishments engaged in the Construction activities. These activities include general construction and specialized construction activities for buildings and civil engineering works. It includes new work, repair, additions and alterations, the erection of prefabricated buildings or structures on the site and also construction of a temporary nature and repair of buildings and engineering works, however, excludes information on Construction activities in the informal sector.

The important numbers presented are the macroeconomic aggregates such as Gross Output, Intermediate Consumption, Value Added, Compensation of Employees, Consumption of Fixed Capital and Operating Surplus. These aggregates are combined with similar information on other industries to provide an estimate of Gross Domestic Product, which is a measure of our economy's size. Information made available in this report will allow us to work out the industry's contribution to the economy. Information contained in this report constitutes inputs to a national accounts system which basically provides a quantitative image of the whole economy.

Information on the Construction industry would be useful to a good number of users, for instance the;

- 1) Economist who needs to analyze the supply and demand in the industry.
- 2) Planner who uses the data to forecast the economy's performance.
- 3) Investor who wishes to have a closer look at opportunities available in the Construction industry.

The cooperation of those businesses who supplied the information presented in this report is hereby acknowledged. The Fiji Bureau of Statistics will continue to seek their support as we need to continually provide reliable statistics for evidence based planning. The department would also like to thank the staff who were engaged in the conduct of the survey and the preparation of this report.



Bimlesh Krishna [Mr]

Chief Statistician – Economic Statistics Division

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

FSIC Fiji Standard Industrial Classification

GFCF Gross Fixed Capital Formation

GO Gross Output

IC Intermediate Consumption

OS Operating Surplus

PWD Public Works Department

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 Enterprise Survey carried out for Construction for 2021 (refer to 2.2 on Coverage and Scope) together with other relevant information on the construction industry.

Similar surveys done previously were known as the Census of Building and Construction. The first one conducted by the Fiji Bureau of Statistics (FBoS) was carried out as part of the 1968 Census of Industries, which due to disparities revealed with other information then available, was not published. Census of Building and Construction for the first time was done for 1970 as an entity in itself. This was followed by the census conducted for 1971 and then the census conducted for 1973. The census was not conducted for years 1972, 1974 and 1975, but from 1976 it became a regular annual survey.

1.2 Need for statistics relating to Construction

Construction activities account for a substantial proportion of the total economic activity, whether in terms of the sector to the Gross Domestic Product (GDP) or in terms of its share of total employment and Gross Fixed Capital Formation (GFCF).

Statistics on construction 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 building and construction industry with other industries. Policy makers, too, require the data for formulating sound economic and social policies that augment capital formation. Finally, the data helps assess the importance and efficiency of the industry and this in turn helps the enterprises engaged in the building and construction industry plan and operate their business effectively.

1.3 Peculiar features of the Construction industry

The construction industry is notoriously volatile and it is also an industry for which it is difficult to get accurate and timely information.

- Construction activity is extremely mobile, the main activity being at a construction site.
- It is highly sensitive to weather.
- A large part of its production is “made to measure” which makes the product differ in type and size with different costs and prices because of differing circumstances at different locations.
- The period of construction is relatively long.
- The activity is carried out by a wide variety of units – small and large private enterprises, public sector, own account individuals and other units whose main activities are in other industries.
- Subcontracting is prevalent.
- Many small enterprises go in and out of business with changing economic and seasonal factors.
- The activity involves the creation of fixed assets or the repair and maintenance of fixed assets.

2 METHODOLOGY

2.1 Legal Basis

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

2.2 Coverage and Scope

The 2021 survey covered all enterprises operating in the construction industry defined by the Fiji Standard Industrial Classification (FSIC) 2010 Section F. It is nevertheless possible that some small units not employing regular paid workers may have been omitted due to difficulties in identifying them, but the nature of such units do not affect the overall results in any significant way.

The businesses engaged in the construction industry covered in the survey were general building and special trade contractors e.g. electricians, plumbers, painters, civil engineers, earthmoving contractors etc. (refer to FSIC 2010 for more details). ***Construction activities undertaken by the Central Government Ministries and Departments e.g. the Public Works Department fell outside the scope of this survey since they fall under the scope of the Survey carried out for the General Government, results of which are contained in the report titled An Economic and Functional Classification of General Government Accounts.***

2.3 Statistical Unit

The unit of reporting was the enterprise. In cases where enterprises operated more than one type of business, efforts were made to obtain accounts for each activity. Where this was not feasible, the enterprise was classified according to the type of activity that brought in the most revenue.

2.4 The Frame

The frame utilised to survey the enterprises engaged in the construction activity in 2021 was the list of enterprises 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 Service, Registrar of Companies and the City and Town Councils. In 2021, there were 559 establishments recorded compared to 541 establishments surveyed in 2020.

2.5 Questionnaire Design

A common questionnaire was used for both the general building contractors and the special trade contractors. It called for information on the particulars of the enterprise e.g. type of organisation, income, expenditure, stocks and employment. Not all the data collected are published here (refer to Appendix X for Sample Questionnaire).

2.6 Data Collection and Survey Procedures

The questionnaires were emailed and replies were required within a month. Response by the due date was low, therefore personal visits to obtain the questionnaires were made to those enterprises that did not respond in spite of the reminders and to those enterprises 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 analysed and reports written.

2.7 Data Processing

Data was processed by FBoS' Economic Statistics Division using Microsoft Excel.

2.8 Reference Period

The enterprises contacted were to submit details for the calendar year 2021. Where the accounting year differed from the calendar year, enterprises were asked to provide information for the accounting year that covered the major part of the calendar year 2021.

2.9 Non-responding Enterprises

Enterprises that did not respond and enterprises that operated during the whole or part of the survey reference period but became untraceable during the survey enumeration period due to closure or removals were taken as non-respondents. To account for the operations of the non-responding enterprises, data was rated-up.

2.10 Rate-up Factors

Data of non-responding enterprises were calculated using rate-up factors. The rate-up factors were derived by first sorting out enterprises into types of 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 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 construction industry.

The GFCF too has been estimated for non-response. Generally capital formations in small enterprises, 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 1A, 2 to 5B and 8 to 10 that contain actual survey data.

Results of sub-class [42001/42002] and [43291/43901] have been grouped together in order to protect the confidentiality of the information supplied by businesses.

3.1 The Survey Response

Table 1A: The Survey Response Rate

FSIC 2010		SURVEY FRAME	RETURNS RECEIVED	RESPONSE RATE %
SUB-CLASS	ACTIVITY			
41001	Construction of building	218	165	76
42001	Civil engineering	55	39	71
42002	Other civil engineering project			
43101	Demolition and site preparation	40	29	73
43211	Electrical installation	142	110	77
43221	Plumbing, heat and air-conditioning installation	83	60	72
43291	Other construction installation	17	13	76
43901	Other specialised construction activity			
43301	Building completion and finishing	4	3	75
TOTAL		559	419	75

Table 1B: Responding Enterprise Contribution

INDUSTRY	TOTAL GO OF INDUSTRY	GO OF RESPONDING ENTERPRISE (as per survey)	% CONTRIBUTION OF RESPONDING ENTERPRISE TO TOTAL GO
Construction Activity	525,133,698	496,160,955	94

3.2 Legal Status of Enterprise

Table 2: Legal Status of Enterprise

FSIC 2010		SOLE TRADER	PARTNERSHIP	PRIVATE LIMITED COMPANY	PUBLIC LIMITED COMPANY	NON-PROFIT ORGANISATION	JOINT-VENTURE	OTHERS	TOTAL
SUB-CLASS	ACTIVITY								
41001	Construction of building	62	1	102	0	0	0	0	165
42001	Civil engineering								
42002	Other civil engineering project	11	0	28	0	0	0	0	39
43101	Demolition and site preparation	5	0	24	0	0	0	0	29
43211	Electrical installation	19	0	91	0	0	0	0	110
43221	Plumbing, heat and air-conditioning installation	12	0	48	0	0	0	0	60
43291	Other construction installation								
43901	Other specialised construction activity	0	0	13	0	0	0	0	13
43301	Building completion and finishing	0	0	3	0	0	0	0	3
TOTAL		109	1	309	0	0	0	0	419

3.3 Ownership of Enterprise

Table 3: Ownership of Enterprise

FSIC 2010		FIJI OWNED	BRANCH OF AN OVERSEAS COMPANY	SUBSIDIARY OF AN OVERSEAS COMPANY	TOTAL
SUB-CLASS	ACTIVITY				
41001	Construction of building	163	1	1	165
42001	Civil engineering				
42002	Other civil engineering project	36	2	1	39
43101	Demolition and site preparation	29	0	0	29
43211	Electrical installation	110	0	0	110
43221	Plumbing, heat and air-conditioning installation	60	0	0	60
43291	Other construction installation				
43901	Other specialised construction activity	13	0	0	13
43301	Building completion and finishing	3	0	0	3
TOTAL		414	3	2	419

3.4 Size of Enterprise

Table 4: Size of Enterprise

FSIC 2010		NUMBER OF PERSONS ENGAGED						
SUB-CLASS	ACTIVITY	1-4	5-9	10-19	20-49	50-99	100+	TOTAL
41001	Construction of building	92	20	27	16	4	6	165
42001	Civil engineering							
42002	Other civil engineering project	18	4	4	5	3	5	39
43101	Demolition and site preparation	15	4	6	2	1	1	29
43211	Electrical installation	79	14	7	8	2	0	110
43221	Plumbing, heat and air-conditioning installation	34	10	11	4	1	0	60
43291	Other construction installation							
43901	Other specialised construction activity	8	4	1	0	0	0	13
43301	Building completion and finishing	2	0	1	0	0	0	3
TOTAL		248	56	57	35	11	12	419

3.5 Number of Persons Engaged as at 30 June 2021

Table 5A: Number of Persons Engaged

FSIC 2010		TOTAL WORKING WITH PAY		TOTAL WORKING WITHOUT PAY		TOTAL
SUB-CLASS	ACTIVITY	LOCAL	EXPATRIATE	WORKING PROPRIETORS	UNPAID FAMILY MEMBERS	
41001	Construction of building	2,558	121	98	50	2,827
42001	Civil engineering					
42002	Other civil engineering project	1,296	304	22	5	1,627
43101	Demolition and site preparation	392	4	10	1	407
43211	Electrical installation	575	9	38	11	633
43221	Plumbing, heat and air-conditioning installation	462	8	13	4	487
43291	Other construction installation					
43901	Other specialised construction activity	45	0	10	0	55
43301	Building completion and finishing	24	0	2	0	26
TOTAL		5,352	446	193	71	6,062

Table 5B: Number of Persons Engaged by Gender

FSIC 2010		GENDER		
SUB-CLASS	ACTIVITY	MALE	FEMALE	TOTAL
41001	Construction of building	2,597	229	2,826
42001	Civil engineering			
42002	Other civil engineering project	1,572	57	1,629
43101	Demolition and site preparation	360	47	407
43211	Electrical installation	596	37	633
43221	Plumbing, heat and air-conditioning installation	456	30	486
43291	Other construction installation			
43901	Other specialised construction activity	50	5	55
43301	Building completion and finishing	25	1	26
TOTAL		5,656	406	6,062

3.6 Macroeconomic Aggregates

Table 6: Macroeconomic Aggregates

FSIC 2010 SUB-CLASS	ACTIVITY	GO	IC	VA	COE	CFC	OS
41001	Construction of building	173,001,130	127,644,689	45,356,441	33,505,283	8,798,106	3,053,052
42001	Civil Engineering	234,473,902	184,214,720	50,259,182	23,555,349	11,673,326	15,030,507
42002	Other civil engineering projects						
43101	Demolition and site preparation	35,695,264	25,005,721	10,689,543	5,381,224	5,225,969	82,350
43211	Electrical installation	38,347,628	25,844,013	12,503,615	4,689,821	1,076,908	6,736,886
43221	Plumbing, heat and air-conditioning installation	36,279,309	25,830,795	10,448,514	7,864,145	1,242,194	1,342,175
43291	Other construction installation	5,870,957	3,226,197	2,644,760	620,589	76,601	1,947,570
43901	Other specialised construction activity						
43301	Building completion and finishing	1,465,508	1,002,962	462,546	157,473	19,157	285,916
TOTAL		525,133,698	392,769,097	132,364,601	75,773,884	28,112,261	28,478,456

Refer to Appendix II for the composition of the Macroeconomic Aggregates.

3.7 Gross Fixed Capital Formation

Table 7: Gross Fixed Capital Formation (\$)

TYPES OF ASSETS	FSIC 2010 SUB-CLASS							TOTAL
	41001	42001/42002	43101	43211	43221	43291/43901	43301	
Land development and improvement	0	0	0	0	0	0	0	0
Building	208,881	1,186,671	3,194,800	177,727	13,538	0	0	4,781,617
Plant and machinery	1,591,946	1,423,341	8,349	51,191	78,725	11,490	0	3,165,042
Furniture, fixtures and office equipment	243,255	73,122	11,443	6,270	17,631	1,029	0	352,750
ICT Equipment	56,556	1,769	0	7,924	0	0	0	66,249
Transport equipment	863,598	294,186	732,174	564,917	616,539	3,834	-6,315	3,068,933
Research & development	0	0	0	0	0	0	0	0
Valuables	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0
TOTAL	2,964,236	2,979,089	3,946,766	808,029	726,433	16,353	-6,315	11,434,591

3.8 Average Value of Work Completed per Enterprise

Table 8: Average Value of Work Completed per Enterprise

FSIC 2010		RESPONDING ENTERPRISES	VALUE OF WORK COMPLETED (as per survey)	AVERAGE VALUE OF WORK COMPLETED PER ENTERPRISE
SUB-CLASS	ACTIVITY	NUMBER	\$	\$
41001	Construction of building	165	155,621,009	943,158
42001	Civil engineering			
42002	Other civil engineering project	39	230,110,624	5,900,272
43101	Demolition and site preparation	29	32,115,202	1,107,421
43211	Electrical installation	110	34,895,519	317,232
43221	Plumbing, heat and air-conditioning installation	60	32,584,075	543,068
43291	Other construction installation			
43901	Other specialised construction activity	13	4,381,502	337,039
43301	Building completion and finishing	3	1,115,577	371,859
TOTAL		419	490,823,508	1,171,416

3.9 Average Compensation of Employees per Paid Employee

Table 9: 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	\$
41001	Construction of building	31,800,301	2,679	11,870
42001	Civil engineering			
42002	Other civil engineering project	23,279,975	1,600	14,550
43101	Demolition and site preparation	4,830,865	396	12,199
43211	Electrical installation	4,300,876	584	7,365
43221	Plumbing, heat and air-conditioning installation	7,136,638	470	15,184
43291	Other construction installation			
43901	Other specialised construction activity	503,397	45	11,187
43301	Building completion and finishing	130,097	24	5,421
TOTAL		71,982,149	5,798	12,415

3.10 Loans and Advances

Table 10: Loans and Advances

FSIC 2010		CLOSING BALANCE		TOTAL
SUB-CLASS	ACTIVITY	ABROAD	LOCAL	
41001	Construction of building	137,636	19,515,865	19,653,501
42001	Civil engineering			
42002	Other civil engineering project	438,591	2,849,421	3,288,012
43101	Demolition and site preparation	0	933,134	933,134
43211	Electrical installation	0	2,331,552	2,331,552
43221	Plumbing, heat and air-conditioning installation	0	2,188,886	2,188,886
43291	Other construction installation			
43901	Other specialised construction activity	0	241,434	241,434
43301	Building completion and finishing	0	641,181	641,181
TOTAL		576,227	28,701,473	29,277,700

3.11 2021 Results Compared with 2020 Results

Table 11: 2021 Results Compared with 2020 Results

AGGREGATES	2020		2021		Percentage change
	\$	Aggregates expressed as % of GO	\$	Aggregates expressed as % of GO	
GO	579,423,497		525,133,698		-9.4
IC	382,437,161	66.0	392,769,097	74.8	2.7
VA	196,986,336	34.0	132,364,601	25.2	-32.8
COE	75,541,791	13.0	75,773,884	14.4	0.3
CFC	26,569,688	4.6	28,112,261	5.4	5.8
OS	94,874,857	16.4	28,478,456	5.4	-70.0
GFCF		12,660,728		11,434,591	-9.7
NUMBER OF PERSONS ENGAGED		6,056		6,062	0.1

The decrease in VA is mainly due to continuous decrease in turnover, increase in the expenses for the running of the business and less ongoing project works carried out around the country due to COVID- 19 pandemic. There were delays in major projects due to lockdown and lack of materials. The COE recorded slight growth as Companies continued to pay employees to retain them. Payments were also made to employees by Companies to support employees during pandemic.

For supplementary information on the Construction sector reference can be made to Appendix I for the Concepts and Definitions, Appendix II for the Composition of the Macroeconomic Aggregates, Appendix III for the Building Permits Issued, Appendix IV for the Completion Certificates Issued, Appendix V for the Quarterly Building and Construction Value of Work Put-in-Place, Appendix VI for the Building Material Price Index, Appendix VII for the Macroeconomic Aggregates 1970 – 2021, Appendix VIII for Major Events of the Industries, Appendix IX for the Gross Output compared with the Value of Work Put-in-Place and Appendix X 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 for their world programme on Construction Statistics. The major concepts and definitions and their treatment are briefly explained below.

Compensation of Employees	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.
Consumption of Fixed Capital	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.
Employment Size Group	This includes paid employment as well as people engaged.
Enterprise	An enterprise is ideally an economic unit which engages under single ownership or control, in one, or predominantly one kind of economic activity but may have different locations
Fixed Assets	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.
Foreign Owned	Subsidiary of an overseas company is always considered foreign owned, whereas a branch of an overseas company is only considered foreign owned if 51 percent or more of its equity is held abroad.
General Government	This includes the Central Government and the Local Government.
Gross Fixed Capital Formation	This is the outlay of the construction industry on new and second-hand durable goods less their sales plus their own account capital construction work done on similar goods.
Gross Output	Gross output is defined as gross value of all goods and services produced during the accounting period. These include the value of work completed during the year, gross margin on resale goods, the value of capital construction for own account and other income.
Intermediate Consumption	Intermediate consumption consists of non-durable goods and services, which are used up, in the production process. In principle non-durable goods are those goods, which have an expected lifetime of use of less than one year, or less than the accounting period. Compensation of employees does not form part of

intermediate consumption, but expenditure such as travelling 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.

Local Owned	All companies with 51 percent or more of its equity held in Fiji are considered locally owned.
Number of Employees	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 enterprise. Also included are salaried managers, and directors of incorporated businesses except when paid solely for their attendance at board of directors meetings.
Operating Surplus	This is the excess of value added by producers over compensation of employees, consumption of fixed capital and net indirect taxes.
Payments in kind	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.
Private Sector	This includes, other than work done for the General Government, work done on residential buildings, hotels, schools etc owners of which is not the General Government.
Statistical Unit	Statistical unit is the Unit for which information is collected.
Unpaid Family Workers	Unpaid family workers are persons living in the household of any of the proprietors of the owning enterprise and working in the enterprise without regular pay for at least one third of the working time normal to the enterprise.
Value Added	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.
Value of work put-in-place	The value of work put-in-place can be defined as the total value of work completed adjusted for work-in progress (work-in-progress at the end of the period surveyed minus the work-in-progress at the beginning of the period surveyed) for the period being surveyed. The value of work completed is calculated using information on expenditure that an enterprise incurs. The types of expenses include cost of materials, payments made in respect of fuel, electricity and water, transport and wages and salaries paid etc.
Working Proprietors	Working proprietors are owners of enterprises who are actively engaged in the work of the enterprise. Excluded are silent or inactive partners.

APPENDIX II: COMPOSITION OF MACROECONOMIC AGGREGATES (\$)

1] 41001 Construction of Buildings

INCOME	
Primary Activity	
Revenue from sales	
a) Private sector	112,772,465
b) Public sector	56,272,523
Change in stocks for finished goods	0
Change in stocks for work in progress	137,621
Secondary Activity	
Gross margin	0
Sales revenue	0
Less COGS	0
Opening stock	0
Add purchases	0
Less closing stock	0
Rent & receipts received - building	2,812,967
Subsidies and grants received	0
Receipts from industrial services rendered to others	77,375
Rent & receipts received - plant and machinery	61,115
Rent & receipts received - transport and related equipment	36,134
Rent & receipts received - repairs and maintenance	0
Commissions received	33,555
Own account capital construction	0
Other Income	797,375
Gross Output	173,001,130
Miscellaneous Income	15,363,449
Discount	0
Business insurance claims received	88,092
Casualty insurance claims received	2,160
Profit or loss received from any other business in which you have an interest	1,648,250
Rent received from land	18,956
Interest received	1,054,402
Dividends received	9,497,816
Royalty received	1,303,761
Bad and doubtful debts recovered	1,119,121
Exchange gain	35,036
Training rebates	18,244
Gain on sale of fixed assets	447,790
VAT charged on goods and services provided	129,821
TOTAL INCOME	188,364,579
EXPENDITURE	
Expenditure on materials for use in the business	
Timber	20,666,676
Cement and concrete	20,460,790
Gravel and sand	9,106,401
Blocks	10,835,932
Iron and steel	7,484,707
Electrical ware	3,985,006
Plumbing ware	7,881,087
Paint	2,432,536
Glass	887,052
Others Specify:	3,457,015
Change in stock of material	-3,035,902
Petrol/Automotive diesel oil	2,902,089

Industrial diesel fuel/Heavy fuel oil	443,490
Kerosene	0
Liquid petroleum gas	19,092
Electricity expense	832,095
Water expense	67,197
Repairs and maintenance paid for motor vehicles	1,892,861
Repairs and maintenance paid for building	123,163
Repairs and maintenance paid for machinery and equipment	2,141,663
Cartage and haulage expenses paid to other firms	791,769
Travel expenses – air	906,202
Travel expenses – water	67,417
Travel expenses – land	302,796
Accommodation charges	136,874
Value of contract and commission work done	387,481
Audit and accounting	549,463
Legal fee	284,270
Advertising and promotion etc.	249,547
Bank charges	900,370
Postage	68,927
Telephone and telecommunication	649,666
Office stationery and supplies	289,274
Rent paid for building	7,280,146
Rent paid for plant and machinery	1,472,195
Management and consultation fee	767,454
Business insurance paid	1,734,631
Security services	863,594
Cleaning services	13,893,726
Entertainment expenses	263,333
Payment to subcontractors	1,027,334
All other costs and expenses	2,175,270
Intermediate Input	127,644,689
Miscellaneous Expenditure	14,760,567
Casualty insurance	541,295
Property expense - rent paid for land	178,142
Property expense - interest paid	4,307,041
Property expense - dividend paid	4,027,255
Property expense - royalty	0
Bad and doubtful debts written off	490,693
Business licences, rates paid to central or local government	249,702
FNU levy	390,099
Exchange losses	890,810
Loss on sale of fixed assets	996,842
VAT paid on supplies of goods and services	2,564,279
Donations	124,409
Compensation of Employees	33,505,283
Wages and salaries paid	31,685,330
FNPF	1,604,715
Payment in kind	215,238
Consumption of fixed capital	8,798,106
TOTAL EXPENDITURE	184,708,645

2] 42001 and 42002 Civil Engineering and Other Civil Engineering Project

INCOME	
Primary Activity	
Revenue from sales	
a) Private sector	31,015,136
b) Public sector	203,035,871
Change in stocks for finished goods	0
Change in stocks for work in progress	0
Secondary Activity	
Gross margin	0
Sales revenue	0
Less COGS	0
Opening stock	0
Add purchases	0
Less closing stock	0
Rent & receipts received - building	149,722
Subsidies and grants received	0
Receipts from industrial services rendered to others	0
Rent & receipts received - plant and machinery	161,922
Rent & receipts received - transport and related equipment	9,900
Rent & receipts received - repairs and maintenance	0
Commissions received	0
Own account capital construction	0
Other Income	101,351
Gross Output	234,473,902
Miscellaneous Income	8,042,835
Discount	19
Business insurance claims received	0
Casualty insurance claims received	0
Profit or loss received from any other business in which you have an interest	305,468
Rent received from land	0
Interest received	89,140
Dividends received	0
Royalty received	0
Bad and doubtful debts recovered	1,303,761
Exchange gain	101,382
Training rebates	4,788
Gain on sale of fixed assets	405,334
VAT charged on goods and services provided	5,832,943
TOTAL INCOME	242,516,737
EXPENDITURE	
Expenditure on materials for use in the business	
Timber	8,156,977
Cement and concrete	17,292,872
Gravel and sand	22,256,761
Blocks	9,162,041
Iron and steel	7,951,286
Electrical ware	2,687,840
Plumbing ware	4,882,496
Paint	633,045
Glass	219,208
Others Specify:	10,469,428
Change in stock of material	-875,432
Petrol/Automotive diesel oil	6,243,101
Industrial diesel fuel/Heavy fuel oil	5,975,419
Kerosene	0

Liquid petroleum gas	0
Electricity expense	596,861
Water expense	88,631
Repairs and maintenance paid for motor vehicles	1,835,126
Repairs and maintenance paid for building	1,207,200
Repairs and maintenance paid for machinery and equipment	3,209,771
Cartage and haulage expenses paid to other firms	8,532,017
Travel expenses – air	1,520,454
Travel expenses – water	581,464
Travel expenses – land	1,129,808
Accommodation charges	332,535
Value of contract and commission work done	103,371
Audit and accounting	159,183
Legal fee	102,552
Advertising and promotion etc.	152,358
Bank charges	1,988,965
Postage	104,983
Telephone and telecommunication	554,641
Office stationery and supplies	875,986
Rent paid for building	3,657,162
Rent paid for plant and machinery	2,006,112
Management and consultation fee	6,143,170
Business insurance paid	2,337,701
Security services	161,670
Cleaning services	48,590,261
Entertainment expenses	979,834
Payment to subcontractors	400,212
All other costs and expenses	1,807,650
Intermediate Input	184,214,720
Miscellaneous Expenditure	18,898,770
Casualty insurance	677,272
Property expense - rent paid for land	689,354
Property expense - interest paid	1,493,850
Property expense - dividend paid	4,408,213
Property expense - royalty	912,995
Bad and doubtful debts written off	783,577
Business licences, rates paid to central or local government	472,992
FNU levy	321,120
Exchange losses	241,468
Loss on sale of fixed assets	444,005
VAT paid on supplies of goods and services	8,402,424
Donations	51,500
Compensation of Employees	23,555,349
Wages and salaries paid	21,897,170
FNPF	1,523,416
Payment in kind	134,763
Consumption of fixed capital	11,673,326
TOTAL EXPENDITURE	238,342,165

3] 43101 Demolition and Site Preparation

INCOME	
Primary Activity	
Revenue from sales	
a] Private sector	19,395,639
b] Public sector	16,116,613
Change in stocks for finished goods	0
Change in stocks for work in progress	0
Secondary Activity	
Gross margin	0
Sales revenue	0
Less COGS	0
Opening stock	0
Add purchases	0
Less closing stock	0
Rent & receipts received - building	155,890
Subsidies and grants received	0
Receipts from industrial services rendered to others	2,907
Rent & receipts received - plant and machinery	0
Rent & receipts received - transport and related equipment	0
Rent & receipts received - repairs and maintenance	0
Commissions received	0
Own account capital construction	0
Other Income	24,215
Gross Output	35,695,264
Miscellaneous Income	970,633
Discount	155,331
Business insurance claims received	0
Casualty insurance claims received	0
Profit or loss received from any other business in which you have an interest	352,153
Rent received from land	0
Interest received	271,918
Dividends received	0
Royalty received	0
Bad and doubtful debts recovered	0
Exchange gain	0
Training rebates	0
Gain on sale of fixed assets	164,513
VAT charged on goods and services provided	26,718
TOTAL INCOME	36,665,897
EXPENDITURE	
Expenditure on materials for use in the business	
Timber	792,846
Cement and concrete	2,188,490
Gravel and sand	3,208,366
Blocks	1,157,255
Iron and steel	1,036,914
Electrical ware	321,277
Plumbing ware	508,937
Paint	36,634
Glass	11,906
Others specify:	1,496,191
Change in stock of material	-3,135,184
Petrol/Automotive diesel oil	1,967,952
Industrial diesel fuel/Heavy fuel oil	2,051,157
Kerosene	0

Liquid petroleum gas	0
Electricity expense	160,339
Water expense	70,748
Repairs and maintenance paid for motor vehicles	1,230,815
Repairs and maintenance paid for building	378,619
Repairs and maintenance paid for machinery and equipment	632,375
Cartage and haulage expenses paid to other firms	121,118
Travel expenses – air	78,696
Travel expenses – water	0
Travel expenses – land	22,916
Accommodation charges	9,731
Value of contract and commission work done	4,374
Audit and accounting	137,646
Legal fee	23,378
Advertising and promotion etc.	109,067
Bank charges	324,415
Postage	269
Telephone and telecommunication	110,596
Office stationery and supplies	90,624
Rent paid for building	639,003
Rent paid for plant and machinery	166,783
Management and consultation fee	511,333
Business insurance paid	329,810
Security services	35,157
Cleaning services	7,616,032
Entertainment expenses	11,495
Payment to subcontractors	27,786
All other costs and expenses	519,855
Intermediate Input	25,005,721
Miscellaneous Expenditure	2,085,344
Casualty insurance	17,643
Property expense - rent paid for land	35,698
Property expense - interest paid	1,578,544
Property expense - dividend paid	0
Property expense - royalty	171,911
Bad and doubtful debts written off	0
Business licences, rates paid to central or local government	32,391
FNU levy	57,312
Exchange losses	0
Loss on sale of fixed assets	5,120
VAT paid on supplies of goods and services	183,638
Donations	3,087
Compensation of Employees	5,381,224
Wages and salaries paid	5,063,070
FNPF	299,706
Payment in kind	18,448
Consumption of fixed capital	5,225,969
TOTAL EXPENDITURE	37,698,258

4] 43211 Electrical Installation

INCOME	
Primary Activity	
Revenue from sales	
a] Private sector	33,857,505
b] Public sector	4,193,931
Change in stocks for finished goods	0
Change in stocks for work in progress	-34,337
Secondary Activity	
Gross margin	0
Sales revenue	0
Less COGS	0
Opening stock	0
Add purchases	0
Less closing stock	0
Rent & receipts received - building	81,191
Subsidies and grants received	0
Receipts from industrial services rendered to others	0
Rent & receipts received - plant and machinery	0
Rent & receipts received - transport and related equipment	0
Rent & receipts received - repairs and maintenance	0
Commissions received	0
Own account capital construction	0
Other income	249,338
Gross Output	38,347,628
Miscellaneous Income	412,927
Discount	2,950
Business insurance claims received	13,000
Casualty insurance claims received	0
Profit or loss received from any other business in which you have an interest	12,461
Rent received from land	0
Interest received	119,100
Dividends received	0
Royalty received	0
Bad and doubtful debts recovered	0
Exchange gain	192,749
Training rebates	0
Gain on sale of fixed assets	12,687
VAT charged on goods and services provided	59,980
TOTAL INCOME	38,760,555
EXPENDITURE	
Expenditure on materials for use in the business	
Timber	373,289
Cement and concrete	2,602,070
Gravel and sand	1,214,286
Blocks	1,600,125
Iron and steel	2,196,810
Electrical ware	4,115,127
Plumbing ware	3,228,158
Paint	796,776
Glass	258,952
Others specify:	3,593,558
Change in stock of material	-302,644
Petrol/Automotive diesel oil	428,809
Industrial diesel fuel/Heavy fuel oil	128,646
Kerosene	0

Liquid petroleum gas	1,867
Electricity expense	136,033
Water expense	15,152
Repairs and maintenance paid for motor vehicles	356,946
Repairs and maintenance paid for building	13,054
Repairs and maintenance paid for machinery and equipment	12,119
Cartage and haulage expenses paid to other firms	174,674
Travel expenses – air	220,088
Travel expenses – water	19,788
Travel expenses – land	179,612
Accommodation charges	88,614
Value of contract and commission work done	31,659
Audit and accounting	117,303
Legal fee	53,350
Advertising and promotion etc.	127,142
Bank charges	194,787
Postage	39,012
Telephone and telecommunication	226,333
Office stationery and supplies	141,734
Rent paid for building	725,858
Rent paid for plant and machinery	759,129
Management and consultation fee	31,863
Business insurance paid	441,962
Security services	55,370
Cleaning services	555,464
Entertainment expenses	7,132
Payment to subcontractors	34,720
All other costs and expenses	849,286
Intermediate Input	25,844,013
Miscellaneous Expenditure	1,725,753
Casualty insurance	9,031
Property expense - rent paid for land	6,285
Property expense - interest paid	810,252
Property expense - dividend paid	0
Property expense - royalty	0
Bad and doubtful debts written off	173,157
Business licences, rates paid to central or local government	34,228
FNU levy	66,738
Exchange losses	21,190
Loss on sale of fixed assets	78,950
VAT paid on supplies of goods and services	499,276
Donations	26,646
Compensation of Employees	4,689,821
Wages and salaries paid	4,299,234
FNPF	348,829
Payment in kind	41,758
Consumption of fixed capital	1,076,908
TOTAL EXPENDITURE	33,336,495

5] 43221 Plumbing, Heat and Air-Conditioning Installation

INCOME	
Primary Activity	
Revenue from sales	
a) Private sector	26,977,349
b) Public sector	8,605,713
Change in stocks for finished goods	0
Change in stocks for work in progress	150,246
Secondary Activity	
Gross margin	0
Sales revenue	0
Less COGS	0
Opening stock	0
Add purchases	0
Less closing stock	0
Rent & Receipts received - building	198,382
Subsidies and grants received	0
Receipts from industrial services rendered to others	0
Rent & Receipts received - plant and machinery	1,083
Rent & Receipts received - transport and related equipment	0
Rent & Receipts received - repairs and maintenance	0
Commissions received	1,265
Own account capital construction	0
Other income	345,271
Gross Output	36,279,309
Miscellaneous Income	153,412
Discount	130
Business insurance claims received	71,993
Casualty insurance claims received	0
Profit or loss received from any other business in which you have an interest	25,254
Rent received from land	0
Interest received	906
Dividends received	0
Royalty received	0
Bad and doubtful debts recovered	0
Exchange gain	12,609
Training rebates	0
Gain on sale of fixed assets	42,520
VAT charged on goods and services provided	0
TOTAL INCOME	36,432,721
EXPENDITURE	
Expenditure on materials for use in the business	
Timber	370,595
Cement and concrete	2,604,182
Gravel and sand	1,201,930
Blocks	1,602,574
Iron and steel	2,203,539
Electrical ware	560,901
Plumbing ware	6,820,954
Paint	801,287
Glass	260,418
Others Specify:	3,605,791
Change in stock of material	100,391
Petrol/Automotive diesel oil	881,261
Industrial diesel fuel/Heavy fuel oil	104,640
Kerosene	0

Liquid petroleum gas	0
Electricity expense	252,062
Water expense	23,518
Repairs and maintenance paid for motor vehicles	156,185
Repairs and maintenance paid for building	70,983
Repairs and maintenance paid for machinery and equipment	43,811
Cartage and haulage expenses paid to other firms	151,309
Travel expenses – air	120,542
Travel expenses – water	6,752
Travel expenses – land	121,805
Accommodation charges	59,031
Value of contract and commission work done	6,114
Audit and accounting	122,931
Legal fee	45,599
Advertising and promotion etc.	66,134
Bank charges	449,144
Postage	127,890
Telephone and telecommunication	373,600
Office stationery and supplies	88,896
Rent paid for building	883,130
Rent paid for plant and machinery	697,384
Management and consultation fee	116,542
Business insurance paid	369,261
Security services	32,781
Cleaning services	63,334
Entertainment expenses	35,094
Payment to subcontractors	45,889
All other costs and expenses	182,611
Intermediate Input	25,830,795
Miscellaneous Expenditure	1,258,094
Casualty insurance	78,739
Property expense - rent paid for land	88,215
Property expense - interest paid	588,667
Property expense - dividend paid	0
Property expense - royalty	0
Bad and doubtful debts written off	65,875
Business licences, rates paid to central or local government	54,538
FNU levy	97,277
Exchange losses	48,684
Loss on sale of fixed assets	30,473
VAT paid on supplies of goods and services	155,131
Donations	50,495
Compensation of Employees	7,864,145
Wages and salaries paid	7,366,618
FNPF	448,453
Payment in kind	49,074
Consumption of fixed capital	1,242,194
TOTAL EXPENDITURE	36,195,228

6] 43291 and 43901 Other Construction Installation and Other Specialised Construction Activity

INCOME	
Primary Activity	
Revenue from sales	
a] Private Sector	3,086,170
b] Public sector	2,737,598
Change in stocks for finished goods	0
Change in stocks for work in progress	0
Secondary Activity	
Gross margin	0
Sales revenue	0
Less COGS	0
Opening stock	0
Add purchases	0
Less closing stock	0
Rent & Receipts received - building	0
Subsidies and grants received	0
Receipts from industrial services rendered to others	0
Rent & Receipts received - plant and machinery	0
Rent & Receipts received - transport and related equipment	0
Rent & Receipts received - repairs and maintenance	0
Commissions received	0
Own account capital construction	0
Other income	47,189
Gross Output	5,870,957
Miscellaneous Income	102,698
Discount	0
Business insurance claims received	0
Casualty insurance claims received	0
Profit or loss received from any other business in which you have an interest	16,257
Rent received from land	0
Interest received	78,084
Dividends received	0
Royalty received	0
Bad and doubtful debts recovered	0
Exchange gain	0
Training rebates	0
Gain on sale of fixed assets	8,357
VAT charged on goods and services provided	0
TOTAL INCOME	5,973,655
EXPENDITURE	
Expenditure on materials for use in the business	
Timber	30,558
Cement and concrete	214,732
Gravel and sand	99,107
Blocks	132,143
Iron and steel	181,696
Electrical ware	46,250
Plumbing ware	562,432
Paint	66,071
Glass	21,474
Others Specify:	297,321
Change in stock of material	- 30,960
Petrol/Automotive diesel oil	179,606
Industrial diesel fuel/Heavy fuel oil	25,487
Kerosene	0

Liquid petroleum gas	0
Electricity expense	24,350
Water expense	3,827
Repairs and maintenance paid for motor vehicles	71,744
Repairs and maintenance paid for building	0
Repairs and maintenance paid for machinery and equipment	768
Cartage and haulage expenses paid to other firms	28,333
Travel expenses – air	61,339
Travel expenses – water	0
Travel expenses – land	33,737
Accommodation charges	24,154
Value of contract and commission work done	4,768
Audit and accounting	70,286
Legal fee	9,017
Advertising and promotion etc.	14,331
Bank charges	57,356
Postage	32,198
Telephone and telecommunication	62,750
Office stationery and supplies	32,241
Rent paid for building	495,367
Rent paid for plant and machinery	196,398
Management and consultation fee	29,273
Business insurance paid	90,171
Security services	4,443
Cleaning services	0
Entertainment expenses	1,350
Payment to subcontractors	2,148
All other costs and expenses	49,931
Intermediate Input	3,226,197
Miscellaneous Expenditure	204,477
Casualty insurance	3,245
Property expense - rent paid for land	0
Property expense - interest paid	129,481
Property expense - dividend paid	0
Property expense - royalty	0
Bad and doubtful debts written off	0
Business licences, rates paid to central or local government	6,684
FNU levy	13,700
Exchange losses	0
Loss on sale of fixed assets	0
VAT paid on supplies of goods and services	47,119
Donations	4,248
Compensation of Employees	620,589
Wages and salaries paid	561,177
FNPF	57,496
Payment in kind	1,916
Consumption of fixed capital	76,601
TOTAL EXPENDITURE	4,127,864

7] 43301 Building Completion and Finishing

INCOME	
Primary Activity	
Revenue from sales	
a] Private sector	1,465,508
b] Public sector	0
Change in stocks for finished goods	0
Change in stocks for work in progress	0
Secondary Activity	
Gross margin	0
Sales revenue	0
Less COGS	0
Opening stock	0
Add purchases	0
Less closing stock	0
Rent & Receipts received - building	0
Subsidies and grants received	0
Receipts from industrial services rendered to others	0
Rent & Receipts received - plant and machinery	0
Rent & Receipts received - transport and related equipment	0
Rent & Receipts received - repairs and maintenance	0
Commissions received	0
Own account capital construction	0
Other Income	0
Gross Output	1,465,508
Miscellaneous Income	0
Discount	0
Business insurance claims received	0
Casualty insurance claims received	0
Profit or loss received from any other business in which you have an interest	0
Rent received from land	0
Interest received	0
Dividends received	0
Royalty received	0
Bad and doubtful debts recovered	0
Exchange gain	0
Training rebates	0
Gain on sale of fixed assets	0
VAT charged on goods and services provided	0
TOTAL INCOME	1,465,508
EXPENDITURE	
Expenditure on materials for use in the business	
Timber	10,488
Cement and concrete	73,703
Gravel and sand	34,017
Blocks	45,355
Iron and steel	62,364
Electrical ware	15,874
Plumbing ware	193,044
Paint	22,678
Glass	7,370
Others specify:	102,050
Change in stock of material	66,000
Petrol/Automotive diesel oil	26,727
Industrial diesel fuel/Heavy fuel oil	10,992
Kerosene	0

Liquid petroleum gas	0
Electricity expense	15,073
Water expense	1,792
Repairs and maintenance paid for motor vehicles	7,500
Repairs and maintenance paid for building	30,660
Repairs and maintenance paid for machinery and equipment	2,845
Cartage and haulage expenses paid to other firms	4,550
Travel expenses – air	0
Travel expenses – water	0
Travel expenses – land	11,452
Accommodation charges	2,852
Value of contract and commission work done	2,109
Audit and accounting	9,290
Legal fee	0
Advertising and promotion etc.	5,971
Bank charges	72,926
Postage	1,620
Telephone and telecommunication	13,004
Office stationery and supplies	7,517
Rent paid for building	78,750
Rent paid for plant and machinery	7,000
Management and consultation fee	5,876
Business insurance paid	8,400
Security services	12,450
Cleaning services	0
Entertainment expenses	11,335
Payment to subcontractors	4,145
All other costs and expenses	15,183
Intermediate Input	1,002,962
Miscellaneous Expenditure	8,552
Casualty insurance	0
Property expense - rent paid for land	287
Property expense - interest paid	2,568
Property expense - dividend paid	0
Property expense - royalty	0
Bad and doubtful debts written off	1,232
Business licences, rates paid to central or local government	928
FNU levy	2,499
Exchange losses	560
Loss on sale of fixed assets	478
VAT paid on supplies of goods and services	0
Donations	0
Compensation of Employees	157,473
Wages and salaries paid	149,385
FNPF	8,088
Payment in kind	0
Consumption of fixed capital	19,157
TOTAL EXPENDITURE	1,188,144

8] Summary

INCOME	
Primary Activity	
Revenue from sales	
a] Private sector	228,569,772
b] Public sector	290,962,249
Change in stocks for finished goods	0
Change in stocks for work in progress	253,530
Secondary Activity	
Gross margin	0
Sales revenue	0
Less COGS	0
Opening stock	0
Add purchases	0
Less closing stock	0
Rent & Receipts received - building	3,398,152
Subsidies and grants received	0
Receipts from industrial services rendered to others	80,282
Rent & Receipts received - plant and machinery	224,120
Rent & Receipts received - transport and related equipment	46,034
Rent & Receipts received - repairs and maintenance	0
Commissions received	34,820
Own account capital construction	0
Other Income	1,564,739
Gross Output	525,133,698
Miscellaneous Income	25,045,954
Discount	158,430
Business insurance claims received	173,085
Casualty insurance claims received	2,160
Profit or loss received from any other business in which you have an interest	2,359,843
Rent received from land	18,956
Interest received	1,613,550
Dividends received	9,497,816
Royalty received	1,303,761
Bad and doubtful debts recovered	2,422,882
Exchange gain	341,776
Training rebates	23,032
Gain on sale of fixed assets	1,081,201
VAT charged on goods and services provided	6,049,462
TOTAL INCOME	550,179,652
EXPENDITURE	
Expenditure on materials for use in the business	
Timber	30,401,429
Cement and concrete	45,436,839
Gravel and sand	37,120,868
Blocks	24,535,425
Iron and steel	21,117,316
Electrical ware	11,732,275
Plumbing ware	24,077,108
Paint	4,789,027
Glass	1,666,380
Others specify:	23,021,354
Change in stock of material	-7,213,731
Petrol/Automotive diesel oil	12,629,545
Industrial diesel fuel/Heavy fuel oil	8,739,831
Kerosene	0

Liquid petroleum gas	20,959
Electricity expense	2,016,813
Water expense	270,865
Repairs and maintenance paid for motor vehicles	5,551,177
Repairs and maintenance paid for building	1,823,679
Repairs and maintenance paid for machinery and equipment	6,043,352
Cartage and haulage expenses paid to other firms	9,803,770
Travel expenses – air	2,907,321
Travel expenses – water	675,421
Travel expenses – land	1,802,126
Accommodation charges	653,791
Value of contract and commission work done	539,876
Audit and accounting	1,166,102
Legal fee	518,166
Advertising and promotion etc.	724,550
Bank charges	3,987,963
Postage	374,899
Telephone and telecommunication	1,990,590
Office stationery and supplies	1,526,272
Rent paid for building	13,759,416
Rent paid for plant and machinery	5,305,001
Management and consultation fee	7,605,511
Business insurance paid	5,311,936
Security services	1,165,465
Cleaning services	70,718,817
Entertainment expenses	1,309,573
Payment to subcontractors	1,542,234
All other costs and expenses	5,599,786
Intermediate Input	392,769,097
Miscellaneous Expenditure	38,941,557
Casualty insurance	1,327,225
Property expense - rent paid for land	997,981
Property expense - interest paid	8,910,403
Property expense - dividend paid	8,435,468
Property expense - royalty	1,084,906
Bad and doubtful debts written off	1,514,534
Business licences, rates paid to central or local government	851,463
FNU levy	948,745
Exchange losses	1,202,712
Loss on sale of fixed assets	1,555,868
VAT paid on supplies of goods and services	11,851,867
Donations	260,385
Compensation of Employees	75,773,884
Wages and salaries paid	71,021,984
FNPF	4,290,703
Payment in kind	461,197
Consumption of fixed capital	28,112,261
TOTAL EXPENDITURE	535,596,799

APPENDIX III: BUILDING PERMITS ISSUED

Period	Private Dwellings						Other Buildings						All Works			
	New Buildings			Additions			New Buildings			Additions			Alterations Repairs and Miscellaneous		Grand Total	
	No.	Value \$000	Area 000 SqM	No.	Value \$000	Area 000 SqM	No.	Value \$000	Area 000 SqM	No.	Value \$000	Area 000 SqM	No.	Value \$000	No.	Value \$000
1973	1,383	11,259	106	366	1,520	17	378	14,392	115	99	1,446	14	584	1,270	2,810	29,887
1974	1,332	9,799	109	339	1,403	18	435	16,270	95	119	2,420	24	593	2,566	2,818	32,458
1975	1,231	11,567	94	311	2,009	27	311	7,844	71	89	2,107	16	622	2,641	2,564	26,168
1976	1,335	9,730	104	413	1,513	20	387	6,064	46	120	1,507	11	528	2,565	2,783	21,379
1977	1,525	14,377	114	454	1,905	23	456	10,167	89	169	2,834	20	673	2,228	3,277	31,511
1978	2,081	24,672	169	678	3,197	36	546	19,851	185	168	7,078	20	747	2,952	4,220	57,750
1979	1,631	23,162	150	652	3,321	37	403	12,656	79	151	2,876	20	929	3,947	3,766	45,962
1980	1,933	23,753	164	617	3,751	40	315	14,082	81	115	2,571	16	1,138	4,325	4,118	48,482
1981	1,955	24,131	158	696	4,743	48	245	12,765	66	121	4,862	36	1,052	3,861	4,069	50,362
1982	1,654	24,659	142	573	3,718	38	170	34,672	42	107	3,422	18	1,343	12,798	3,847	79,269
1983	1,537	25,237	155	510	4,496	36	220	10,588	71	132	4,510	20	1009	8,040	3,408	52,871
1984	1,718	31,186	171	483	3,962	24	222	23,080	84	126	4,304	21	1125	6,083	3,674	68,615
1985	1,772	32,347	176	491	4,076	30	227	18,136	73	96	3,121	16	979	7,944	3,565	65,624
1986	1,494	26,780	149	430	3,366	23	211	16,408	79	92	5,346	22	889	8,884	3,116	60,784
1987	897	14,711	90	264	2,021	16	133	12,612	39	65	2,226	10	541	3,712	1,900	35,282
1988	449	5,836	35	188	1,267	8	75	4,102	17	67	6,978	16	391	3,190	1,170	21,373
1989	545	8,099	44	211	1,694	11	155	32,237	84	118	3,738	19	523	9,095	1,552	54,863
1990	700	12,942	60	222	2,065	11	189	95,051	69	102	5,929	19	594	5,410	1,807	121,397
1991	880	25,129	90	269	3,636	15	185	17,866	65	71	3,480	12	631	9,021	2,036	59,132
1992	1,135	43,380	136	383	5,744	21	228	29,912	78	103	5,392	21	775	10,400	2,624	94,828
1993	1,390	53,070	150	438	13,117	32	155	36,858	78	89	6,820	24	684	10,388	2,756	120,253
1994	1,348	50,313	147	414	9,094	28	173	57,841	103	99	8,777	22	733	7,787	2,767	133,812
1995	1,150	44,637	123	388	8,346	27	156	41,659	89	104	12,899	30	789	9,398	2,587	116,939
1996	1,178	38,800	108	307	6,273	19	132	42,654	79	96	8,810	21	644	12,229	2,357	108,766
1997	945	30,254	92	360	2,653	20	193	41,159	101	99	7,613	18	742	12,180	2,339	93,859
1998	1,053	35,115	100	351	6,275	19	160	107,799	121	83	5,571	15	742	12,193	2,389	166,953
1999	834	32,679	90	321	7,247	17	156	55,303	110	97	13,335	23	678	14,370	2,086	122,934
2000	599	24,704	62	244	6,637	16	101	37,551	29	87	4,863	12	425	9,451	1,456	83,206
2001	533	19,110	56	223	4,184	12	97	15,252	48	79	4,499	11	517	19,721	1,449	62,766
2002	693	27,581	86	340	6,199	17	185	93,451	59	124	6,233	13	523	34,879	1,865	168,343
2003	655	38,117	87	346	8,901	20	143	88,754	90	132	10,128	20	562	15,674	1,838	161,574
2004	695	58,999	124	410	12,271	31	139	78,372	70	139	16,035	25	508	19,551	1,891	185,228
2005	710	52,515	122	372	10,869	30	153	57,442	90	90	8,661	18	520	13,448	1,845	142,935
2006	741	63,323	128	353	12,023	37	200	257,984	100	106	13,739	30	453	11,908	1,853	358,977
2007	491	41,340	90	217	7,711	20	109	74,697	115	50	12,225	23	497	15,305	1,364	151,278
2008	442	27,768	55	208	8,294	13	76	22,417	27	50	8,003	12	416	17,214	1,192	83,696
2009	355	23,715	48	180	6,912	18	112	37,258	46	69	9,781	14	403	24,240	1,119	101,906
2010	352	26,073	52	220	9,111	21	112	137,642*	72	112	10,783	19	414	20,191	1,210	203,800
2011	366	30,837	59	274	11,909	26	140	96,165	69	112	13,504	22	432	13,726	1,324	166,141
2012	373	34,715	62	270	18,852	28	146	411,628	87	117	12,049	22	490	10,632	1,396	487,876
2013	382	38,771	62	275	11,937	22	140	118,864	76	110	16,946	28	505	12,651	1,412	199,169
2014	463	49,815	83	278	13,658	30	148	130,826	92	102	15,019	23	520	10,955	1,511	220,273
2015	538	68,936	86	253	11,046	26	160	124,562	113	122	10,982	24	539	11,098	1,612	226,624
2016	540	75,276	84	254	13,346	26	173	142,112	111	97	10,683	22	541	10,669	1,605	252,086
2017	504	73,188	87	297	19,900	29	180	235,579	139	108	14,366	20	529	10,165	1,618	353,196
2018	546	134,651	106	305	21,591	30	212	191,707	140	114	11,497	24	548	10,601	1,725	370,045
2019	503	73,141	80	294	19,906	25	190	195,029	125	113	16,339	26	502	9,657	1,602	314,072
2020	454	58,692	61	283	18,696	25	156	204,156	108	117	14,132	23	411	8,128	1,421	303,804
2021	350	48,632	52	185	13,334	24	143	113,755	77	114	8,925	19	315	5,983	1,107	190,629

Notes: [1] Other buildings include factories, shops, restaurants, offices, warehouses, institutional dwellings such as hostels boarding houses, hotels, etc.

[2] Additions refer to all work involving increase in existing floor area.

[3] NO. refers to number of permits issued and not number of dwelling units.

*Higher value recorded is due to the permit issued for commercial buildings, hotels and dwellings.

Source: Monthly statements submitted by the City and Town Councils.

APPENDIX IV: COMPLETION CERTIFICATES ISSUED

Period	Private Dwelling						Other Buildings						All Works			
	New Buildings			Additions			New Buildings			Additions			Alterations Repairs and Miscellaneous		Grand Total	
	No.	Value	Area	No.	Value	Area	No.	Value	Area	No.	Value	Area	No.	Value	No.	Value
1977	966	8,367	76	173	704	7	215	5,888	66	94	2,031	13	128	525	1,576	17,515
1978	784	8,309	55	176	681	8	225	6,621	33	68	979	5	153	718	1,406	17,308
1979	750	11,500	84	198	1,149	41	152	9,956	51	56	1,577	8	174	662	1,330	24,844
1980	638	11,180	71	233	1,469	13	156	6,768	49	48	1,172	17	272	1,324	1,347	21,913
1981	849	11,796	88	185	1,344	10	125	8,479	38	47	1,086	5	213	1,247	1,419	23,952
1982	731	11,480	70	187	1,559	10	106	9,040	49	53	1,643	9	342	1,133	1,419	21,165
1983	772	13,727	74	168	1,348	13	75	4,608	26	41	847	7	255	1,169	1,311	21,699
1984	802	15,382	79	195	1,759	14	128	7,739	38	51	1,872	7	248	1,693	1,424	28,445
1985	643	13,205	69	154	1,518	10	78	7,076	34	24	876	5	197	1,049	1,096	23,724
1986	624	12,921	67	134	1,192	8	106	15,154	45	29	822	3	235	6,705	1,128	36,794
1987	488	11,377	62	114	1,382	8	105	24,178	67	31	1,108	5	187	1,242	925	39,287
1988	276	6,256	28	69	525	3	53	30,167	40	22	1,044	3	167	1,112	587	39,104
1989	254	4,709	24	51	425	4	73	9,363	25	42	792	4	206	2,001	626	17,290
1990	218	4,310	22	64	637	3	67	10,358	39	39	3,140	11	163	2,152	551	20,597
1991	211	4,912	22	54	715	4	81	9,290	30	34	1,755	7	134	1,621	514	18,293
1992	384	15,471	52	78	1,245	4	93	16,372	39	29	1,706	5	277	2,788	861	37,582
1993	494	19,924	64	124	2,914	10	75	9,324	26	34	2,212	7	174	2,477	901	36,851
1994	902	29,978	95	123	3,065	9	89	24,626	46	44	3,839	11	192	2,349	1,350	63,857
1995	777	30,778	90	122	2,705	10	77	24,976	48	58	8,781	19	223	2,560	1,257	69,800
1996	679	26,793	74	148	3,459	10	82	17,750	37	47	3,360	7	210	2,577	1,166	53,939
1997	563	19,151	58	109	2,606	8	85	34,137	70	43	2,697	7	250	6,747	1,050	65,338
1998	597	20,412	62	141	2,853	8	68	23,682	48	39	5,449	13	220	3,773	1,065	56,169
1999	493	19,427	53	92	2,128	7	67	33,205	65	38	3,059	8	186	4,099	876	61,918
2000	427	18,471	45	89	1,784	6	39	10,466	12	26	2,857	5	129	4,801	710	38,379
2001	308	12,741	51	77	1,790	5	80	34,722	66	41	13,502	11	159	6,732	665	69,487
2002	261	9,905	31	79	1,690	6	78	46,701	161	37	2,826	7	123	2,158	578	63,280
2003	256	12,098	43	91	2,152	6	65	17,107	35	53	3,842	8	139	2,471	604	37,670
2004	302	19,110	45	107	2,588	10	67	24,968	48	38	5,524	8	128	3,298	645	55,488
2005	322	22,073	50	139	7,286	12	66	20,736	50	36	7,863	9	126	4,523	689	62,481
2006	323	30,790	53	81	4,519	10	63	16,305	28	28	5,294	8	115	5,799	610	62,707
2007	278	29,074	52	87	3,111	8	65	29,510	37	22	3,841	9	109	5,212	561	70,748
2008	166	15,074	29	48	1,668	4	48	14,707	25	31	6,528	9	84	3,218	377	41,195
2009	110	8,880	17	51	2,762	7	44	39,719	54	26	4,675	6	116	8,550	347	64,586
2010	129	12,225	19	57	2,879	8	57	64,133	72	35	7,105	8	138	6,344	416	92,686
2011	134	11,935	21	69	3,512	9	74	81,167	86	49	6,585	8	139	8,212	465	111,411
2012	129	13,477	25	69	4,466	9	69	30,174	30	47	8,677	11	201	6,329	515	63,123
2013	117	14,028	21	73	3,748	9	70	27,437	28	48	4,448	7	198	4,933	506	54,594
2014	122	15,662	26	81	3,978	10	67	76,984*	42	68	8,016	14	208	4,419	546	109,058
2015	126	24,142	25	73	3,182	9	70	62,792	45	60	8,413	11	203	4,765	532	103,294
2016	158	26,207	26	67	2,896	8	77	44,254	42	59	4,929	11	194	4,313	555	82,599
2017	163	32,663	31	84	6,088	13	86	77,580	54	61	5,233	11	194	4,497	588	126,061
2018	160	38,325	37	103	10,062	16	123	134,917	75	88	8,211	13	189	4,395	663	195,909
2019	178	35,160	38	103	8,793	13	111	58,903	63	94	8,102	15	176	4,885	662	115,843
2020	166	22,446	34	97	8,151	13	83	78,325	54	87	7,733	13	158	3,614	591	120,269
2021	147	20,154	38	85	3,708	9	83	36,727	42	74	6,051	12	164	2,805	553	69,445

Notes: [1] Other buildings include factories, shops, restaurants, offices, warehouses, institutional dwellings such as hostels, boarding houses, hotels, etc.

[2] Additions refer to all work involving increase in existing floor area.

[3] NO. refers to number of completion issued and not number of dwelling units.

*Increase in the value due to the completion certificate issued for commercial buildings, hotels and dwellings.

Source: Monthly statements submitted by the City and Town Councils.

**APPENDIX V: QUARTERLY BUILDING AND CONSTRUCTION - VALUE OF
WORK PUT-IN-PLACE
FJD (000)**

Period	New Buildings and Capital Repairs			Current Repairs and Maintenance	Civil Engineering Works	Total Estimated Value of Work Put-
	Residential Buildings	Other Buildings	Total			
1977	4,441	14,063	18,504	2,018	13,121	33,643
1978	6,648	14,126	20,774	1,433	13,610	35,817
1979	11,474	15,885	27,359	2,245	14,665	44,269
1980	9,535	16,652	26,187	2,443	38,100	66,730
1981	6,400	13,531	19,931	3,015	52,841	75,787
1982	6,524	10,851	17,375	2,552	44,090	64,017
1983	6,515	18,301	24,816	5,888	33,977	64,681
1984	6,362	18,108	24,470	4,018	25,066	53,554
1985	11,213	22,580	33,793	6,243	15,513	55,549
1986	11,245	36,433	47,678	4,813	14,170	66,661
1987	5,209	33,386	38,595	4,161	11,635	54,391
1988	1,452	19,733	21,185	4,751	10,377	30,580
1989	2,562	14,985	17,547	5,411	15,663	38,621
1990	5,347	18,304	23,651	8,488	22,807	54,946
1991	11,329	27,842	39,171	11,395	44,915	95,481
1992	14,049	43,282	57,331	12,948	69,404	139,683
1993	19,762	35,147	54,909	9,684	32,195	96,788
1994	16,610	60,751	77,361	9,337	16,122	102,820
1995	12,047	59,222	71,269	9,196	16,862	97,327
1996	11,307	60,492	71,799	7,967	17,843	97,609
1997	10,434	62,483	72,917	8,176	38,160	119,253
1998	9,922	50,429	60,351	12,199	25,381	97,931
1999	11,448	49,906	61,354	16,946	21,451	99,751
2000	7,710	54,857	62,567	9,245	14,495	86,307
2001	5,474	33,636	39,110	15,080	12,769	66,959
2002	10,091	34,983	45,074	16,718	38,273	100,065
2003	11,902	56,798	68,700	17,892	40,036	126,628
2004	13,658	76,386	90,044	16,515	53,401	159,960
2005	16,295	155,948	172,243	20,485	78,131	270,859
2006	14,874	219,705	234,579	16,934	65,210	316,724
2007	23,643	155,276	178,919	20,910	30,429	230,258
2008	18,912	184,251	203,163	29,855	20,986	254,004
2009	15,463	132,826	148,289	41,794	60,177	250,260
2010	15,850	94,397	110,247	39,725	109,396	259,368
2011	13,763	99,555	113,318	40,039	103,723	257,080
2012	16,745	97,847	114,592	36,763	127,930	279,285
2013	27,022	122,107	149,129	38,753	172,464	360,346
2014	29,874	119,141	149,015	41,440	224,788	415,243
2015	31,843	158,516	190,359	37,916	238,402	466,677
2016	32,065	219,329	251,394	36,089	226,424	513,907
2017	43,386	237,373	280,759	38,702	220,916	540,377
2018	50,866	267,692	318,558	51,849	233,849	604,256
2019	60,028	287,663	347,691	54,847	253,091	655,629
2020	42,967	219,592	262,559	44,255	185,914	492,728
2021	21,395	133,601	154,996	29,459	129,290	313,745

APPENDIX VI: BUILDING MATERIAL PRICE INDEX [Base 2014 = 100.0]

	All Items	Percentage Change	Wood and Related Materials	Cement and Related Materials	Iron and Steel	Plumbing-ware	Paint and Glass	Floor and Wall Tiles	Door and Window Frame	Electrical Products
			Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
Weight	1000.0	%	87.6	502.6	81.8	63.0	62.7	42.3	60.0	10.0
2014	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2015	103.4	3.4	101.5	103.3	101.9	109.7	105.9	98.1	102.5	104.6
2016	98.8	(4.5)	95.8	97.6	98.9	104.7	104.8	91.4	100.8	101.7
2017	99.2	0.4	97.6	99.2	96.7	98.3	103.6	91.6	101.7	102.3
2018	101.4	2.2	100.5	102.4	98.5	98.4	100.1	90.7	101.7	106.3
2019	102.6	1.2	103.5	104.2	98.6	100.0	96.0	90.0	101.7	108.8
2020	104.3	1.7	106.6	107.3	99.6	96.5	95.4	85.8	101.7	110.6
2021	104.8	0.5	113.1	108.9	98.8	92.6	96.7	85.5	101.7	104.8

Notes: Prices are collected from points in Suva only. Selected hardware and building merchants are visited each quarter when they are asked their retail prices of pricing certain items.

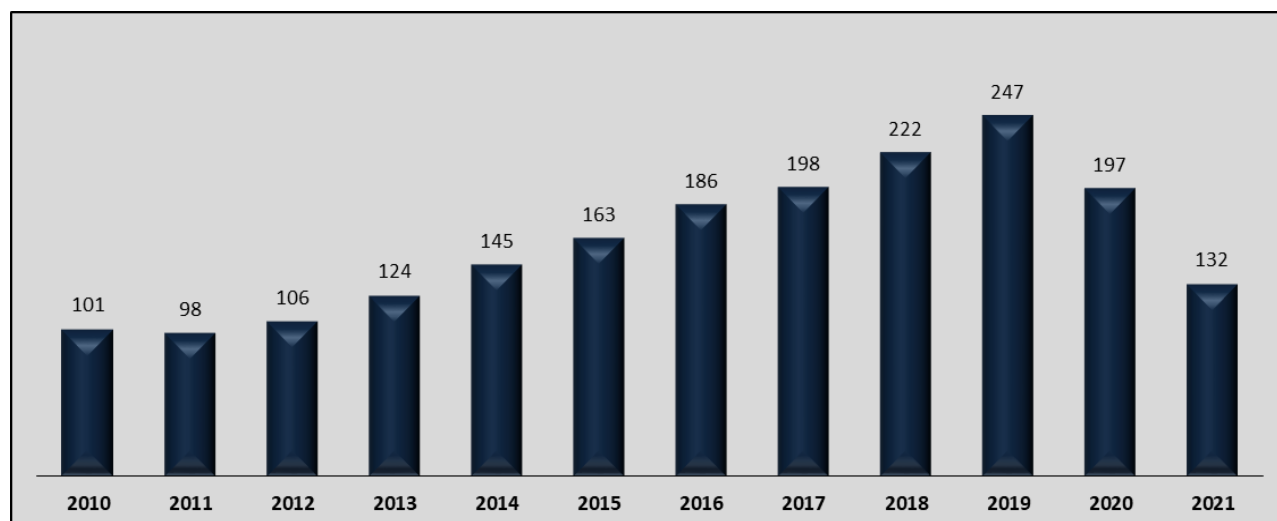
APPENDIX VII: MACROECONOMIC AGGREGATES 1970 - 2021

(\$000)

Year	GO	IC	VA	COE	CFC	OS
1970	10,538	6,646	3,892	2,837	193	862
1971	16,577	11,650	4,927	3,672	358	897
1973	42,691	21,784	20,907	8,433	1,107	11,367
1976	38,138	19,507	18,631	10,471	1,706	6,454
1977	37,755	19,171	18,584	10,409	1,048	7,127
1978	39,119	25,156	13,963	9,631	1,356	2,976
1979	56,931	37,289	19,642	12,492	1,899	5,251
1980	88,656	52,485	36,171	16,132	3,074	16,965
1981	89,770	59,114	30,656	17,739	3,981	8,936
1982	92,018	65,580	26,438	20,955	4,397	1,086
1983	79,444	59,433	20,011	18,519	2,662	-1,170
1984	82,511	57,024	25,487	19,555	2,424	3,508
1985	75,211	51,605	23,606	17,471	2,027	4,108
1986	78,651	53,127	25,524	17,920	1,888	5,716
1987	51,875	38,973	12,902	11,433	1,553	-84
1988	46,921	34,972	11,949	8,207	1,787	1,955
1989	50,973	42,674	8,299	9,802	2,193	-3,696
1990	72,427	59,282	13,145	13,405	1,597	-1,857
1991	198,619	171,405	27,214	27,708	7,191	-7,685
1992	130,998	99,106	31,892	24,412	3,186	4,294
1993	115,180	78,273	36,907	25,056	3,281	8,570
1994	124,345	95,943	28,402	26,351	3,988	-1,937
1995	125,654	95,629	30,025	28,244	4,621	-2,840
1996	116,542	83,031	33,511	23,593	3,972	5,946
1997	145,311	98,613	46,698	30,544	3,403	12,751
1998	124,588	90,020	34,568	25,913	3,753	4,902
1999	125,799	90,597	35,202	22,428	4,765	8,009
2000	143,742	101,542	42,200	27,513	5,232	9,455
2001	100,578	70,079	30,498	21,558	5,194	3,747
2002	154,580	112,631	41,948	28,573	7,019	6,356
2003	183,867	127,163	56,704	34,113	8,404	14,187
2004	217,104	140,084	77,020	41,108	8,659	27,253
2005	276,089	182,618	93,471	49,770	9,550	34,150
2006	294,343	194,720	99,624	54,707	10,247	34,669
2007	274,820	182,172	92,648	51,783	9,578	31,287
2008	283,345	185,762	97,583	52,857	10,578	34,147
2009	281,236	184,382	96,854	50,366	10,256	36,232
2010	289,692	188,309	101,383	51,709	10,478	39,196
2011	282,226	184,211	98,015	49,096	9,921	38,998
2012	306,336	200,787	105,549	52,875	10,652	42,022
2013	381,755	258,176	123,579	57,198	13,015	53,366
2014	436,525	291,116	145,409	61,110	14,989	69,310
2015	491,912	328,836	163,077	63,068	16,716	83,293
2016	545,133	359,507	185,627	66,801	19,247	99,579
2017	577,892	379,421	198,472	70,884	21,045	106,543
2018	647,487	425,055	222,432	75,169	23,060	124,203
2019	707,054	459,674	247,380	86,752	29,544	131,084
2020	579,423	382,438	196,986	75,542	26,570	94,874
2021	525,134	392,769	132,365	75,773	28,112	28,480

APPENDIX VIII: MAJOR EVENTS OF THE INDUSTRIES

GRAPH 1: VALUE ADDED 2010 - 2021 [FJD-Millions]



Some major projects completed during the period 1976 – 2021:

Note: Prior to 1995 very little documentation is available on the reasons for increases and decreases in the VA.

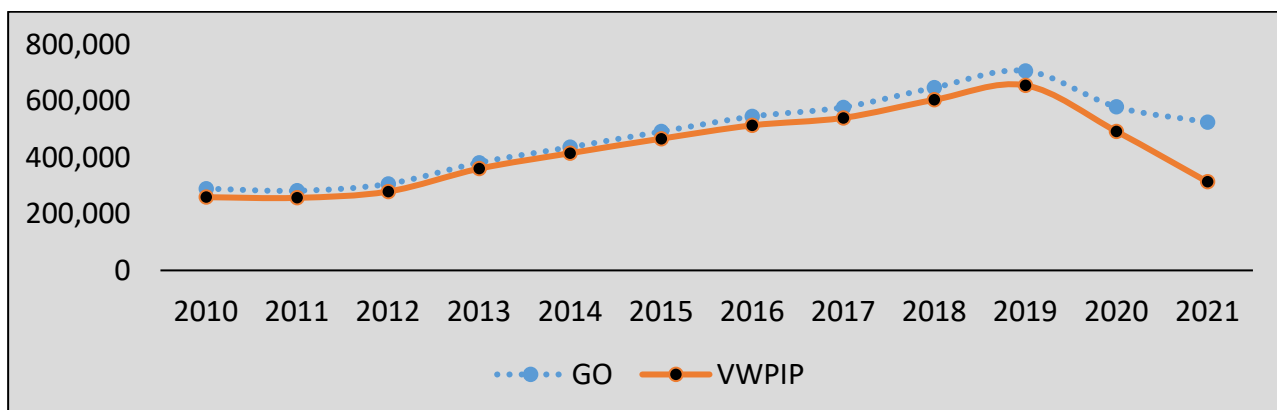
- The Fiji Hydro Scheme - Monasavu Project took off in May 1978 and was completed in February 1981.
- In May 1987 Coup-de-tat as staged due to which the building and construction industry suffered immensely. It started picking up in 1990 around which time due to the deregulation of the economy that began in the latter half of 1988, factories, mostly for garment production started being constructed.
- 1992 and 1993 were favourable years for the building and construction industry. The Australian Embassy, the Parliament House, CWM complex, Air Pacific and Civil Aviation Authority Complex of Fiji plus other major Private Sector construction work was done.
- In 1994 the only major project was the one that was done for the Housing Authority.
- In 1995 the Fiji National Provident Fund project got off the ground. This continued into 1996, however unlike 1995 when mostly civil engineering work was done, the building works were done in 1996.
- In 1997 the major projects undertaken were the upgrading of Kings Road (Suva to Nausori), Nabouwalu Road (Naravuka to Dreketi), Buca Bay Road in Savusavu, Wainibokasi Road, Nasalia Road and Ratu Dovi Road. Also contributing to the growth were the earthmoving works done for the construction of the Sigatoka bridge and also the Delainavesi bridge.
- The decline in the value added in 1998 is due to the unusual increase in 1997. 1997 was an exceptionally good year for the industry. Most of the projects undertaken in 1997 were completed in 1997 and in 1998 no major projects were undertaken.

- Despite the political coup that took place in 2000, the value added increased. This is because some of the major projects that began in 1999 e.g. the construction of new kings road, two major hotels and private and public hospitals. The impact of the coup that was staged in 2000 was felt in 2001 as not many projects got off the ground and as such a decline in the VA.
- Increase in VA in 2002 was due to the Hotels being constructed on Denarau.
- Constructions of hotels that began in 2002 continued into 2004. Also in 2004 construction work on the new Rewa Bridge, the Fiji School of Medicine and the Lautoka Teachers College began.
- Some of the major projects that contributed towards an increase in VA in 2005 were the Great Council of Chiefs Complex, the Fiji National Provident Fund Building, Morris Hedstrom City Centre and Port Denarau.
- The increase in VA in 2006 was due to the carry forward of construction work from 2005 and also due to a few new projects undertaken.
- The decrease in 2007 is due to the political climate prevailing in the country which led to the holdback and withdrawals of some construction work in 2007.
- The increase of VA in 2008 is mainly due to the carry forward and completion of construction work that was held back in 2007.
- Most of the major projects were completed in 2009 as resulted in decrease in VA.
- The increase in VA in 2010 is mainly due to the civil engineering work carried out for the construction of FEA Dam in Nadarivatu.
- The increase in VA for 2012 is mainly due to ongoing projects and civil engineering works carried out for repair and upgrading of roads around the country.
- The increase in VA for 2013, 2014 and 2015 is mainly due to some ongoing project and new project and also civil engineering works carried out for repairing and upgrading of roads around the country.
- The increase in VA for 2016-2019 is mainly due to some ongoing project and new projects also civil engineering works carried out for repairing of commercial building, schools, residential houses and upgrading of roads and bridges around the country that was badly damaged by Cyclone Winston.
- The decrease in VA for 2020-2021 is mainly due to decline in turnover and expenses from the construction businesses and ongoing project works carried out due to COVID- 19 pandemic. Imposed lockdowns and restrictions disrupted the construction industry as result businesses had to hold back and withdraw majority of the construction work. This further led to delays in payments, decrease in work rate and an increase in the cost of the materials. The construction industry was exposed to a shock beyond the local level, the nature of the effects of COVID-19 on the construction industry varied according to the diversity of its projects.

APPENDIX IX: GROSS OUTPUT COMPARED WITH THE VALUE OF WORK PUT-IN-PLACE

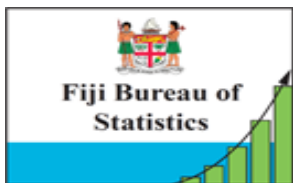
Year	GO		Value of Work Put-in-Place	
	F\$000	% change	F\$000	% change
1977	37,755	-1.00	33,643	
1978	39,119	3.61	35,817	6.46
1979	56,931	45.53	44,269	23.60
1980	88,656	55.73	66,730	50.74
1981	89,770	1.26	75,787	13.57
1982	92,018	2.50	64,017	-15.53
1983	79,444	-13.66	64,618	0.94
1984	82,511	3.86	52,168	-19.27
1985	75,211	-8.85	55,549	6.48
1986	78,651	4.57	66,661	20.00
1987	51,875	-34.04	54,391	-18.41
1988	46,921	-9.55	30,580	-43.78
1989	50,973	8.64	36,894	20.65
1990	72,427	42.09	53,143	44.04
1991	198,619	174.23	88,249	66.06
1992	130,998	-34.05	112,024	26.94
1993	115,180	-12.07	79,312	-29.20
1994	124,345	7.96	85,095	7.29
1995	125,654	1.05	79,073	-7.08
1996	116,542	-7.25	90,822	14.86
1997	145,311	24.69	105,037	15.65
1998	124,588	-14.26	97,931	-6.77
1999	125,799	0.97	99,751	1.86
2000	143,742	14.26	86,307	-13.48
2001	100,578	-30.03	66,959	-22.42
2002	154,580	53.69	100,065	49.44
2003	183,867	18.95	126,628	26.55
2004	217,104	18.08	159,960	26.32
2005	276,089	27.17	271,041	69.44
2006	294,343	6.61	316,724	16.85
2007	274,820	-6.63	230,258	-27.30
2008	283,345	3.10	254,003	10.31
2009	281,236	-0.74	250,260	-1.47
2010	289,692	3.01	259,368	3.64
2011	282,226	-2.58	257,080	-0.88
2012	306,336	8.54	279,285	8.64
2013	381,755	24.62	360,346	29.02
2014	436,525	14.35	415,243	15.23
2015	491,912	12.67	466,677	12.37
2016	545,133	10.82	513,907	10.12
2017	577,892	6.01	540,377	5.15
2018	647,487	12.04	604,256	11.82
2019	707,054	9.20	655,629	8.50
2020	579,423	-18.05	492,728	-24.85
2021	525,134	-9.37	313,745	-36.32

GRAPH 2: GO COMPARED WITH THE VALUE OF WORK PUT-IN-PLACE



Generally both shows similar trends.

APPENDIX X: SAMPLE QUESTIONNAIRE



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Suva
FIJI*

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

CONFIDENTIAL

DESPATCHED: __/__/__

2021 CENSUS OF CONSTRUCTION

Tax Identification Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Please correct any errors appearing in this label

Dear Sir/Madam,

Enclosed is a copy of the 2021 Census of Construction questionnaire.

COVERAGE AND SCOPE: It covers all establishments engaged in Construction Sector classified under the Fiji Standard Industrial Classification 2010, Section F (refer note on page 2). If an establishment's Construction Activities are combined with other types of business, you should report on Construction Activities side of the operations only.

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

REFERENCE PERIOD: A Reference period is the calendar year. If your accounting year is different provide information approximating closest to the calendar year. 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 the questionnaire and return it to the undersigned. Please be advised that failure to meet the above deadline may lead to legal action.

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 authorised persons will have access to individual information.

CONTACT PERSON FOR HELP AND ADVICE: Mr. Jashneel Prasad on email jprasad@statsfiji.gov.fj or telephone 331 5822 (ext. 386 242) or direct line 323 0842.

Maria Musudroka [Ms]
Chief Executive

NOTE: Under the Fiji Standard Industrial Classification 2010, Section F Construction includes all units mainly engaged in constructing buildings, including the on-site assembly and erection of prefabricated buildings. Also included are:

- Construction of roads; railroads; aerodromes; irrigation projects; harbour or river works; water, gas, sewerage or storm-water drains or mains; electricity or other transmission lines or towers; pipelines or other specified civil engineering projects.
- Units engaged in the repair of buildings or other structures, as are those engaged in the alteration or renovation of buildings, preparation of mine sites, demolition or excavation.
- Units mainly engaged in certain specified installation activities such as the installation of heating and air conditioning equipment, the on-site assembly of boilers, the installation of fire alarm systems, the installation of blinds and awnings, the installation of petrol bowsers or the installation of electrical wiring.
- Units mainly engaged in providing special building or construction trade services such as structural sheet erection, carpentry, bricklaying, concreting, plumbing, painting, plastering, floor and wall tiling or roof tiling and the installation or laying of floor coverings such as carpets or linoleum.
- 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 cannot be provided on this basis, please state provide an explanatory note.

ORGANISATIONAL STRUCTURE

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

FORM OF OWNERSHIP

- 5
- (1) Fiji owned: This is an enterprise operating in Fiji in which 51% or more equity is held locally.
 - (2) Branch of an overseas company: This is an enterprise 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

- 6 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.

OPERATING STATUS

If you are no longer in business, a **STATUTORY DECLARATION** must be attached with the questionnaire with the words "**CLOSED BUSINESS**" written across the questionnaire and returned to the Fiji 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.

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.

1. Organisational Structure

Does this business operate at more than one location?			
Please tick the appropriate box: No <input type="checkbox"/> Yes <input type="checkbox"/> If yes, please give details below:			
NAME OF ENTERPRISE/BRANCH (1)	PHYSICAL LOCATION OF BUSINESS (2)	MAIN TYPE OF BUSINESS OR ACTIVITY (3)	FSIC [FOR OFFICIAL USE ONLY 001

2. Accounting Period

Please state the accounting period: From: / / 2021 To: / / 2021

3. Legal Status of Organisation

Please tick appropriate box					
002	Sole Trader	1		Partnership	2
	Private Limited Company	3		Public Limited Company	4
	Co-operative	5		Government Owned Trading Entity	6
	Statutory Boards	7		Central Government	8
	Local Authority owned entity	9		Local Government	10
	Joint Venture and Consortia	11		Non-profit Organisation	12
	Trusts and Estates	13		Consulates and Foreign Embassies	14
	Branch of a Company Incorporated Overseas	15		Societies and Associations	16
	Other Business Type (specify)				17

4. International Trade

Please tick appropriate box	Yes	No
Does the establishment import or export any type of goods or services	<input type="checkbox"/>	<input type="checkbox"/>
If yes, please specify _____		

5. Form of Ownership

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

6. Equity Participation

Please indicate the equity capital held by Fiji Citizens. As at end of 2021 _____ %

PRIMARY INCOME EARNED DURING THE ACCOUNTING PERIOD

- 7 This refers to the value of work completed during the year. Work is regarded complete when it is delivered to the control of the purchaser and final payment including retention fee has been billed.

If your firm is involved in multiple activities such as construction of buildings, roads and bridges etc., state separately the value of work done under each of these activities.

Exclude VAT charged on goods and services provided.

OTHER INCOME

- 19 Include all claims arising from business insurance. Examples of business insurance are insurance against the risk of buildings, properties and stocks. Exclude life, education or any other personal insurance.
- 20 Include all claims received arising from casualty insurance. Examples of casualty insurance are insurance against the risk of accidents and illness etc. to employees. Claims for life, education or any other form of personal insurance are to be excluded.

Income

Primary Income Earned During The Accounting Period			VALUES (\$)
7	a) Private Sector	004	
	b) Public Sector	005	
	c)	006	
	d)	007	
Other Income			
8	Rent & Receipts received - Building	008	
9	Subsidies and grants received	009	
10	Receipts from industrial services rendered to others	010	
11	Rent & Receipts received - Plant and machinery	011	
12	Rent & Receipts received - Transport and related equipment	012	
13	Rent & Receipts received - Repairs and maintenance	013	
14	Commissions received	014	
15	Own Account Capital Construction	015	
16	Income of sales of good without transformation (refer to question 33)	016	
17	Other Income	017	
18	Discount	018	
19	Business insurance claims received	019	
20	Casualty insurance claims received	020	
21	Profit or loss received from any other business in which you have an interest	021	
22	Rent received from land	022	
23	Interest received	023	
24	Dividends received	024	
25	Royalty received	025	
26	Bad and doubtful debts recovered	026	
27	Exchange gain	027	
28	Training rebates	028	
29	Gain on sale of fixed assets	029	
30	VAT charged on goods and services provided	030	
31	Grand Total of All Income Received [Codes 004 to 030]	031	

PURCHASES OF MATERIALS AND OPERATING EXPENDITURE

32 State in detail the total value of all purchases of materials and supplies during the year for use in the building and construction work. In arriving at the value, deduct trade discounts received. The cost of transport should be included in question 46 unless it is accounted for as part of the purchase price.

- Include all purchases of:
- a] Basic materials and components such as timber, cement, iron and steel etc that are physically incorporated in the building and construction.
 - b] Auxiliary materials such as nails, glue, small tools, parts, materials for repairs and maintenance.
 - c] Materials bought for carrying "own construction" work reported in question 92.

Exclude all purchases of: Machinery and plant and other capital equipment purchased by you which should be included in question 92.

Exclude VAT paid on supplies of goods and services.

FUEL, ELECTRICITY AND WATER

34-37 Fuel purchased, other than fuel purchased for resale, including gasoline and other fuel for vehicle etc. should be included.

38-39 This should include the cost of electricity purchased for lighting, air conditioning, refrigeration etc and cost of water.

OTHER EXPENDITURE

40-42 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.

43 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.

48 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.

67 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 56.

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

COMPENSATION OF EMPLOYEES

79 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.

81 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.

Expenses

Purchases of Materials and Operating Expenditure		
32	Description of Materials and Supplies	VALUE (\$)
a]	Timber	032
b]	Cement and concrete	033
c]	Gravel and sand	034
d]	Blocks	035
e]	Iron and steel	036
f]	Electrical ware	037
g]	Plumbing ware	038
h]	Paint	039
i]	Glass	040
j]	Others: _____	041
33	Expenditure on goods for resale without further processing (refer to question 16)	042
Fuel, Electricity and Water		
34	Petrol/Automotive diesel fuel	043
35	Industrial diesel fuel/Heavy fuel oil	044
36	Kerosene	045
37	Liquid petroleum gas	046
38	Electricity	047
39	Water	048
Other Expenditure		
40	Repairs and maintenance on Vehicles	049
41	Repairs and maintenance on Building	050
42	Repairs and maintenance on Plant and Machinery	051
43	Cartage and haulage expenses paid to other firms	052
44	Travel expenses on Air Transport	053
45	Travel expenses on Water Transport	054
46	Travel expenses on Land Transport	055
47	Accommodation Charges	056
48	Value of contract and commission work done	057
49	Audit and accounting	058
50	Legal fee	059
51	Advertising and promotion etc	060
52	Bank charges	061
53	Postage	062
54	Telephone and telecommunication	063
55	Office stationery and supplies	064
56	Rent paid on Building	065
57	Rent paid on Plant and Machinery	066
58	Management and consultation fee	067
59	Business insurance	068
60	Security services	069
61	Cleaning services	070
62	Entertainment services	071
63	Payments to sub-contractors – Labours only contract	072
64	Payments to sub-contractors – Other than labour only contract	073
65	All other costs and expenses	074
66	Casualty insurance	075
67	Rent paid for land	076
68	Interest paid	077
69	Dividend paid	078
70	Royalty paid	079
71	Bad and doubtful debts written off	080
72	Business licenses and rates paid	081
73	Fiji National University [FNU] Levy	082
74	Exchange losses	083
75	Loss on sale of fixed assets	084
76	VAT paid on supplies of goods and services	085
77	Donations made	086
78	Depreciation (to agree with question 92(8))	087
Compensation of Employees		
79	Gross Wages and Salaries	088
80	Employers Contribution to FNPF	089
81	Payment in Kind	090
82	Grand Total of Expenditure Incurred [Codes 032 to 091 excluding 078]	091

STOCKS

- 85 Work-in-progress consists of unfinished output at the end of the reference year.
- 86 Finished goods bought for resale are stocks of goods bought for resale in the same condition as purchased.
- 87 The value of materials, fuel supplies and components are stocks of raw materials not used up in the production process.

LOANS AND ADVANCES

- 88 Please provide information relating to any loan or advances taken during the period.

NET EARNINGS

- 89 This is the net profit of your establishment/enterprise from the profit and loss account.

NUMBER OF EMPLOYMENT

- 90 Please note that the information in respect of employment is for the last pay week in June 2021 but the rest of the question requires data for the appropriate accounting year.

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.

ENVIRONMENT RELATED QUESTIONS

- 91 In view of the importance of climate change and disaster related events, the FBoS has embarked on compiling Environment Economic Account to be consistent and comparable with other countries. Therefore, the need to capture these statistics from all sectors within the economy, including all business entities. The information provided by the establishment would help us further improve these accounts which would be used in planning and policy formulation.

83-87. Stocks

Please give the value of stocks held by your establishment		VALUE OF STOCKS (\$)		
		OPENING (1)	CLOSING (2)	CHANGE (2)-(1)=(3)
Finished goods produced by the establishment and intended for sale	093			
Work-in-progress	096			
Finished goods bought for resale	099			
Materials, fuels, supplies and components	102			
Total	105			

88. Loans and Advances - Closing Balance

Locally	108	
Abroad	109	
Total	110	

89. Net Earnings

		Amount (\$)
Net profit/loss of your establishment/enterprise. [Codes (031+107)-091]	111	

90. Number of Employment

			NUMBER EMPLOYED
a]	Working with pay		
	Fiji citizens	112	
	Expatriates	113	
b]	Working without pay		
	i] Working proprietors	114	
	ii] Unpaid family workers	115	
	Total (111+112+113+114)	116	
c]	The total number in employment by gender		
	i] Total Males	117	
	ii] Total Females	118	

91. Environment Related Questions

118	Please tick the appropriate source of water for the establishments		
	Metered Water [WAF]	1	
	Rain Water	2	
	River/Creek	3	
	Bore Hole	4	
	Others (Please specify)	5	
119	Please tick the appropriate source of energy for the establishments		
	Electricity [EFL]	1	
	Electricity [Own Generation]	2	
	(a) Solar	2a	
	(b) Hydro	2b	
	(c) Diesel/Thermal	2c	
	(d) Windmill	2d	
120	Please indicate the method of solid waste disposal of the establishments		
	Collection by City/Town Council	1	
	Collection by Private Companies	2	
	Private Incineration	3	
	Private Dumpsite	4	
	Recycled	5	
	Others (Please specify)	6	
121	Please indicate the method of liquid waste disposal of the establishments		
	Connected to Sewerage Line	1	
	Septic Tank	2	
	Disposal in the sea/river	3	
	Others (Please specify)	4	

CAPITAL ASSETS

- 91 (8) Please ensure that: The value given for depreciation should agree with the value given in question 78.
- 92 (5) Own Account Construction: This is the cost of new fixed assets and additions to the existing fixed assets made by establishments own labour for its own use. Cost should be equivalent to labour costs plus value of materials at cost.
- 92 Entertainment Literary/Artistic Originals include:
- (a) Precious stones and metals (e.g. diamonds, non-monetary gold, platinum and silver);
 - (b) Antiques and other art objects (e.g. painting and sculptures); and
 - (c) Other valuables (e.g. jewellery and collector items).

91. Capital Assets

		VALUE (\$)								
		Opening Book Value	Purchase of new and second hand assets at cost		Land Development & Improvement	Own Account Capital Construction	Other Changes	Sales of Capital Assets	Depreciation	Closing Book value
			Locally	From abroad						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
Residential Buildings	123									
Non - residential Buildings	132									
Other structures	141									
Land	150									
Transport vehicles and related equipment	159									
ICT equipment	168									
Furniture, fixtures and office equipment	177									
Other Machinery & Equipment	186									
Cost of Ownership transfer on non-produced assets	195									
Research & Development	204									
Minerals Exploration & Evaluation	213									
Computer Software & Databases	222									
Entertainment Literary/Artistic Originals	231									
Renewable Energy Equipment Related	240									
Other Intellectual Property Products	249									
Total	258									

Person we should contact if any queries arise regarding this form:

Name: _____

Telephone: _____

Email: _____

Signature: _____

Date: _____

THANK YOU FOR COMPLETING THE QUESTIONNAIRE