



Solomon Islands Government

Statistical Bulletin: 2/2018

**GROSS DOMESTIC PRODUCT
2003 - 2016**

**Solomon Islands National Statistics Office (SISO)
Ministry of Finance & Treasury
PO Box G6
Honiara
Enquiries: Tel: (677) 27835, Email: STATS-Economics@mof.gov.sb**

TABLE OF CONTENTS

	Page
Introduction.....	1
Table 1: GDP and Per Capita GDP at Current and Constant 2004 Prices	2
Table 2: GDP by Economic Activity at Current and Constant 2004 Prices.....	3
Table 3: GDP by Expenditure Share at Current and Constant 2004 Prices.....	4
Table 4: Growth Rates of GDP by Economic Activity at Current and Constant 2004 Prices	5
Table 5: Growth Rates of GDP by Expenditure at Current and Constant 2004 Prices.....	6
Table 6: Percentage Contribution to GDP at Current Prices.....	7
Table 7: Manufacturing Value Added at Current and Constant 2004 Prices.....	8
Table 8: Household Final Consumption Expenditure at Current and Constant 2004 Prices....	8
Table 9: Contribution to Growth by Economic Activity and Expenditure Share at Current... and Constant 2004 Prices.....	9
Table 10: Revisions to Levels of GDP by Economic Activity.....	10
Table 11: Revisions to Levels of GDP by Expenditure	11
APPENDIX I: Methodology, Data Sources and Challenges.....	12
GDP by Production.....	12
GDP by Expenditure.....	12
Data Sources.....	12
Short-Medium Term Challenges.....	13

INTRODUCTION

This statistical bulletin (2/2018) presents the newly compiled provisional Gross Domestic Product (GDP) estimates and related aggregates for 2016. This bulletin show minor revisions to the time series data after 2013 as a result of improvements in the quality of the source data and in compilation. No major methodological changes (see Appendix I) were considered. The annual GDP estimates are compiled at current and constant 2004 prices using the production and the expenditure approaches. The compilation of the GDP estimates follows the framework of the 1993 United Nations System of National Accounts (SNA) whilst drawing on conceptual considerations of certain economic activity from the 2008 SNA.

Gross Domestic Product (GDP) in 2016 at constant 2004 prices show a growth rate of 3.4 percent (additional \$152.6 million) from the previous year. The value of GDP at \$4,603 million in real terms reflects the estimated net value of goods and services produced in the country in 2016. Other GDP related measures are also provided such as the per-capita GDP, GDP by economic activity, GDP by expenditure shares, GDP by industry and revisions in levels to previous estimates.

As stated in earlier releases, the major challenge in the compilation of the annual GDP estimates is having a consistent and sustainable inflow of quality and reliable source data. For example, and as mentioned earlier, the current detail and disaggregation of the development budget and donor expenditure data continues to be inadequate to accurately estimate their contribution to GDP. The recently endorsed National Statistics Development Strategy (NSDS) 2015-16 to 2035 aims to guide efforts towards revitalising and strengthening the country's national statistical system in these and related areas.

The Solomon Islands National Statistics Office (SINSO) is finalising the process of revising the current GDP estimates using new data, mainly from the 2012-13 Household Income and Expenditure Survey (HIES). This work involves updating the household final consumption expenditure (HFCE) and the informal sector estimates, and rebasing of the reference year. This work will also incorporate the revised consumer price index (CPI), currently being finalised that includes updates to the current CPI weights as well as rebasing of the current base period.

Users of the GDP information should note that whilst other government ministries and agencies such as the Ministry of Finance and Treasury (MOFT), and the Central Bank of Solomon Islands (CBSI) also compile key GDP aggregates on a more frequent basis for their own internal use, such as for forecasting purposes and for monetary policy, SINSO remains the central government agency responsible for official statistics and is mandated to compile and disseminate GDP estimates without due influence from any other agency or person. However, the SINSO coordinates with these and other agencies with respect to data and statistical requirements.

The SINSO acknowledges the technical support of the internal Statistics Advisor and the IMF's Pacific Financial Technical Assistance Centre (PFTAC).

Symbols, where applicable:

- nil or less than half the last digit shown
- n/a not available
- r revised since previously published
- p preliminary/provisional estimates

For more information contact the SINSO, Ministry of Finance and Treasury on Telephone: (677) 27835; Facsimile/Phone: (677) 23951; E-mail: STATS-economics@mof.gov.sb

Table 1. Gross Domestic Product (GDP) and per capita GDP

Selected Aggregates	Current Prices															Constant 2004 Prices												
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016/p	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016/p
GDP in SIS million	2,429.3	2,714.4	3,226.1	3,639.8	4,122.8	4,661.1	5,028.3	5,612.7	6,299.7	6,755.3	7,409.8	7,720.3	8,129.9	8,685.9	2,520.7	2,714.4	2,914.2	3,034.7	3,145.2	3,341.0	3,436.7	3,770.4	4,050.5	4,146.1	4,263.2	4,339.7	4,450.7	4,603.4
Growth Rate in Percent (%)		11.7	18.8	12.8	13.3	13.1	7.9	11.6	12.2	7.2	9.7	4.2	5.3	6.8		7.7	7.4	4.1	3.6	6.2	2.9	9.7	7.4	2.4	2.8	1.8	2.6	3.4
Per Capita GDP in SIS	5,311.3	5,752.6	6,627.3	7,248.0	7,958.2	8,721.4	9,120.0	9,867.9	10,736.2	11,159.8	11,865.7	11,983.9	12,232.9	12,668.8	5,511.1	5,752.6	5,986.6	6,043.1	6,071.1	6,251.4	6,233.3	6,628.8	6,903.1	6,849.4	6,826.9	6,736.4	6,696.9	6,714.2
Growth Rate in Percent (%)		8.3	15.2	9.4	9.8	9.6	4.6	8.2	8.8	3.9	6.3	1.0	2.1	3.6		4.4	4.1	0.9	0.5	3.0	(0.3)	6.3	4.1	(0.8)	(0.3)	(1.3)	(0.6)	0.3
GDP in US\$ million	323.7	362.7	428.4	478.3	538.9	601.4	624.6	696.4	824.6	917.8	1,015.0	1,046.7	1,027.1	1,092.6	335.8	362.7	387.0	398.8	411.1	431.1	426.9	467.8	530.2	563.3	584.0	588.4	562.3	579.0
Growth Rate in Percent (%)		12.1	18.1	11.7	12.7	11.6	3.9	11.5	18.4	11.3	10.6	3.1	(1.9)	6.4		8.0	6.7	3.1	3.1	4.9	(1.0)	9.6	13.3	6.3	3.7	0.7	(4.4)	3.0
Per Capita GDP in US\$	707.6	768.6	880.0	952.5	1,040.3	1,125.3	1,132.9	1,224.3	1,405.3	1,516.3	1,625.4	1,624.7	1,545.4	1,593.6	734.2	768.6	795.0	794.2	793.6	806.6	774.3	822.4	903.5	930.6	935.2	913.3	846.0	844.6
Growth Rate in Percent (%)		8.6	14.5	8.2	9.2	8.2	0.7	8.1	14.8	7.9	7.2	(0.04)	(4.9)	3.1		4.7	3.4	(0.1)	(0.1)	1.6	(4.0)	6.2	9.9	3.0	0.5	(2.3)	(7.4)	(0.2)
Household Final Consump. Expenditure (HFCE)	1,518.0	1,727.4	2,019.4	2,218.5	2,492.6	2,975.6	3,059.7	3,379.5	3,630.7	3,852.9	4,265.2	4,604.5	4,796.7	5,081.4	1,622.6	1,727.4	1,888.2	1,966.6	2,122.8	2,211.1	2,176.6	2,366.4	2,464.5	2,539.7	2,661.3	2,789.1	2,910.5	2,974.4
Per Capita HFCE in SIS	3,318.7	3,660.9	4,148.5	4,417.8	4,963.6	5,925.4	6,092.9	6,729.6	7,230.0	7,672.4	8,493.4	9,169.0	9,551.7	10,118.8	3,547.5	3,660.9	3,878.9	3,916.2	4,097.5	4,137.3	3,947.7	4,160.5	4,200.1	4,195.6	4,261.7	4,329.4	4,379.4	4,338.3
Monthly Per Capita HFCE in SIS	276.6	305.1	345.7	368.2	413.6	493.8	507.7	560.8	602.5	639.4	707.8	764.1	796.0	843.2	295.6	305.1	323.2	326.3	341.5	344.8	329.0	346.7	350.0	349.6	355.1	360.8	364.9	361.5
GDP excluding Development Budget	2,429	2,644	2,989	3,412	3,889	4,451	4,795	5,359	6,079	6,527	7,165	7,451	7,849	8,437	2,520.7	2,643.9	2,693.5	2,838.4	2,958.1	3,179.9	3,288.5	3,610.3	3,920.9	4,019.8	4,134.4	4,205.0	4,309.8	4,479.1
Growth Rate in Percent (%)		8.8	13.1	14.1	14.0	14.5	7.7	11.7	13.4	7.4	9.8	4.0	5.4	7.5		4.9	1.9	5.4	4.2	7.5	3.4	9.8	8.6	2.5	2.9	1.7	2.5	3.9

Population (annual average) 457,395 471,860 486,783 502,178 518,060 534,444 551,346 568,783 586,771 605,328 624,472 644,222 664,596 685,614

Official exchange rate (SIS/US\$) 7.51 7.48 7.53 7.61 7.65 7.75 8.05 8.06 7.64 7.36 7.30 7.38 7.92 7.95

p/ - preliminary estimates

Table 2. Gross Domestic Product (GDP) by Economic Activity - Current and Constant Price Values (SIS millions)

Economic Activity	Current Prices (SIS Millions)															Constant 2004 Prices (SIS Millions)												
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016p
AGRICULTURE, FISHERIES & FORESTRY	910.4	1,028.2	1,031.1	1,129.7	1,226.1	1,461.8	1,517.9	1,707.1	1,842.3	1,989.1	2,080.2	2,159.2	2,181.4	2,392.1	957.3	1,028.2	1,012.6	1,044.5	1,005.5	1,149.8	1,173.6	1,347.0	1,377.8	1,383.8	1,365.3	1,444.6	1,480.0	1,566.2
Agriculture & Hunting	495.7	549.0	600.0	665.3	700.0	864.1	908.0	1,014.4	1,126.9	1,142.3	1,193.3	1,221.0	1,175.6	1,279.4	541.4	549.0	570.4	575.8	590.7	650.4	643.8	704.9	764.5	760.7	740.5	751.5	761.3	790.6
Forestry & Logging	242.1	280.6	294.5	299.8	347.7	399.6	413.0	537.0	524.8	598.5	674.1	746.0	779.1	869.4	213.8	280.6	258.9	262.6	227.3	282.1	320.1	428.0	381.4	385.6	386.8	435.2	468.7	536.5
Fishing	172.6	198.6	136.6	164.6	178.4	198.1	196.9	155.7	190.6	248.3	212.8	192.2	226.7	243.2	202.1	198.6	183.4	206.0	187.5	217.3	209.7	214.1	231.9	237.4	238.0	258.0	250.0	239.1
INDUSTRY	300.9	300.8	302.1	371.3	454.4	506.1	616.6	747.7	1,056.9	1,034.2	1,112.3	1,155.1	1,240.1	1,293.0	315.1	300.8	291.7	325.1	342.6	395.4	394.4	455.0	629.0	620.1	607.6	528.5	502.0	506.7
Mining & Quarrying	1.2	2.9	3.2	3.9	5.3	8.6	23.3	37.3	268.0	180.3	192.6	59.7	17.6	16.4	1.3	2.9	2.7	2.0	3.1	9.1	19.4	27.4	221.5	221.5	192.8	79.1	25.7	25.1
Manufacturing	155.6	177.0	192.0	231.5	310.1	343.6	398.0	465.4	527.3	530.3	534.6	609.6	698.6	692.9	175.9	177.0	166.4	184.2	226.0	222.2	222.2	241.1	246.6	251.8	252.1	260.9	270.9	273.6
Electricity & Water	43.4	47.7	22.8	38.9	36.1	35.7	61.5	113.5	127.8	160.0	195.8	245.4	264.6	286.5	46.3	47.7	47.6	58.3	25.1	70.2	54.9	96.5	85.8	72.9	80.9	87.8	94.9	101.3
Construction	100.7	73.4	84.1	97.0	102.9	118.1	133.9	131.5	133.7	163.6	189.3	240.5	259.4	297.2	91.5	73.4	75.1	80.6	88.4	93.9	98.0	90.1	75.1	73.8	81.8	100.7	110.6	106.7
SERVICES	1,162.3	1,324.4	1,844.4	2,117.3	2,419.1	2,707.7	2,913.3	3,178.1	3,374.0	3,705.4	4,209.9	4,429.1	4,755.4	5,083.2	1,187.0	1,324.4	1,581.8	1,648.9	1,782.4	1,774.0	1,848.4	1,966.9	2,017.8	2,114.5	2,275.4	2,364.8	2,483.0	2,565.7
Wholesale and Retail Trade	182.3	202.1	374.2	460.4	497.3	584.7	641.7	731.3	821.7	919.8	1,029.5	1,143.1	1,266.1	1,404.2	175.3	202.1	199.9	216.3	243.6	239.7	255.7	261.1	263.7	272.0	293.8	316.8	336.7	342.8
Hotel & Restaurants	45.1	51.7	47.7	54.5	63.1	71.1	97.3	137.7	176.6	183.3	207.3	173.4	190.5	197.5	39.3	51.7	50.1	54.7	56.6	54.0	66.4	83.3	86.9	94.4	102.6	107.7	117.6	119.1
Transport & Storage	152.8	191.8	197.2	225.6	241.5	271.3	302.7	324.2	342.3	351.3	386.5	421.5	439.8	447.7	164.9	191.8	189.7	205.3	211.1	207.8	221.7	226.3	228.6	235.7	254.7	274.6	291.9	297.2
Communications	43.5	62.3	83.4	105.7	122.3	132.2	136.0	130.2	85.6	76.3	78.7	80.4	105.7	108.8	47.0	62.3	67.8	83.7	96.0	101.8	104.7	115.6	123.4	126.3	130.2	133.0	136.9	140.8
Financial Intermediation	24.1	36.6	77.6	113.0	146.0	199.1	171.0	132.3	157.6	192.1	215.7	239.4	257.8	282.1	25.8	36.6	83.3	97.2	116.7	110.3	113.2	144.9	160.6	184.8	196.9	207.8	225.1	245.0
Insurance Services	4.8	11.7	13.2	36.3	46.9	52.0	57.1	73.8	87.9	107.2	120.3	133.5	143.8	157.4	5.2	11.7	26.7	31.2	37.5	35.4	36.3	46.5	51.6	59.3	63.2	66.7	72.3	78.7
Real Estate & Renting	217.5	230.9	242.6	251.5	262.6	276.1	286.2	296.7	307.6	318.9	394.6	409.1	438.6	454.7	222.7	230.9	239.3	248.1	257.2	266.6	276.4	286.5	297.0	307.9	319.2	330.9	343.1	355.6
Owner Occupied Dwellings	89.8	96.4	104.3	127.8	133.9	141.2	146.8	152.6	158.7	197.0	244.5	254.2	280.9	286.6	92.0	96.4	99.7	114.1	118.6	123.3	128.2	133.3	138.6	144.1	149.8	155.8	166.5	169.8
Business Services	16.6	17.1	26.9	24.3	28.3	33.9	37.6	41.1	48.4	53.0	59.0	62.2	63.8	65.4	17.7	17.1	19.8	20.9	22.6	23.1	23.9	25.9	28.4	29.4	31.0	31.1	32.1	32.7
Public Administration & Defense	160.2	165.4	362.4	342.8	431.2	446.4	510.4	570.1	563.1	618.0	708.1	728.0	744.0	793.9	155.5	165.4	326.4	279.0	313.2	290.6	290.8	305.3	287.2	296.3	330.7	334.7	343.1	354.9
Education	86.2	102.2	130.1	144.7	187.1	217.8	236.9	269.1	286.5	316.8	366.1	367.0	373.8	408.6	92.3	102.2	116.3	118.5	132.5	140.3	145.8	148.5	155.4	163.6	188.4	187.9	194.2	200.1
Health	29.6	36.1	47.1	73.7	76.6	89.3	101.0	113.5	121.9	137.5	164.0	166.4	172.6	184.6	31.7	36.1	38.0	53.5	47.6	48.7	49.9	51.1	54.7	55.6	66.1	65.9	67.9	69.6
Other Services	109.9	120.1	137.7	156.8	182.6	192.7	188.6	205.5	216.2	234.3	235.6	250.9	277.9	291.6	117.7	120.1	124.8	126.3	129.3	132.3	135.4	138.6	141.9	145.2	148.6	152.1	155.7	159.3
Taxes on Products less Subsidies	71.3	82.4	84.5	87.7	108.7	121.8	127.9	129.0	186.9	222.2	226.9	220.5	215.4	204.7	76.4	82.4	76.7	73.2	83.0	86.5	86.6	86.3	119.9	136.0	130.2	123.5	117.6	108.3
Less Imputed Bank Charges	(15.6)	(21.4)	(36.1)	(66.2)	(85.5)	(136.3)	(147.5)	(149.2)	(160.4)	(195.5)	(219.5)	(243.6)	(262.4)	(287.2)	(15.1)	(21.4)	(48.8)	(57.0)	(68.3)	(64.6)	(66.3)	(84.9)	(94.1)	(108.3)	(115.3)	(121.7)	(131.9)	(143.5)
GROSS DOMESTIC PRODUCT (GDP)	2,429.3	2,714.4	3,226.1	3,639.8	4,122.8	4,661.1	5,028.3	5,612.7	6,299.7	6,755.3	7,409.8	7,720.3	8,129.9	8,685.9	2,520.7	2,714.4	2,914.2	3,034.7	3,145.2	3,341.0	3,436.7	3,770.4	4,050.5	4,146.1	4,263.2	4,339.7	4,450.7	4,603.4
GDP Excluding Development Budget	2,429.3	2,643.9	2,989.2	3,411.6	3,888.7	4,451.1	4,795.3	5,358.6	6,078.6	6,527.2	7,164.6	7,450.6	7,849.5	8,437.3	2,520.7	2,643.9	2,693.5	2,838.4	2,958.1	3,179.9	3,288.5	3,610.3	3,920.9	4,019.8	4,134.4	4,205.0	4,309.8	4,479.1

p/ - preliminary estimates

Table 3. Gross Domestic Product (GDP) by Expenditure Share - Current and Constant Price Values (SI\$ millions)

Expenditure	Current Prices (SI\$ Millions)														Constant 2004 Prices (SI\$ Millions)													
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Final Consumption Expenditure	2,176.5	2,591.9	3,637.6	3,966.8	4,339.1	4,999.5	5,231.7	5,869.9	5,845.8	6,042.5	6,839.5	7,401.0	7,593.6	8,005.4	2,311.1	2,591.9	3,343.6	3,430.3	3,561.4	3,625.7	3,594.5	3,915.1	3,779.0	3,755.1	4,035.7	4,267.1	4,374.7	4,468.7
Household Final Consumption Expenditure	1,518.0	1,727.4	2,019.4	2,218.5	2,492.6	2,975.6	3,059.7	3,379.5	3,630.7	3,852.9	4,265.2	4,604.5	4,796.7	5,081.4	1,622.6	1,727.4	1,888.2	1,966.6	2,122.8	2,211.1	2,176.6	2,366.4	2,464.5	2,539.7	2,661.3	2,789.1	2,910.5	2,974.4
Private Non Profit Institutions Serving Households	133.9	135.5	156.3	180.1	180.8	193.8	187.3	205.6	218.5	231.4	234.8	255.8	278.7	341.4	143.3	135.5	139.2	143.0	146.9	151.0	155.1	159.4	163.8	168.3	172.9	177.7	182.6	187.7
Government Consumption Expenditure	524.6	729.0	1,461.9	1,568.2	1,665.7	1,830.1	1,984.7	2,284.8	1,996.5	1,958.2	2,339.4	2,540.7	2,518.3	2,582.5	545.2	729.0	1,316.3	1,320.7	1,291.7	1,263.6	1,262.8	1,389.3	1,150.7	1,047.1	1,201.4	1,300.4	1,281.6	1,306.6
Gross Fixed Capital Formation	219.5	290.7	517.7	559.5	685.7	742.1	725.5	1,427.0	1,052.9	1,116.5	1,274.7	1,304.1	1,446.1	1,395.6	232.4	290.7	497.5	485.0	582.7	577.6	500.0	943.3	616.7	638.9	651.2	672.9	741.5	704.3
Durable Equipment	122.4	194.2	339.0	354.2	475.3	478.4	386.8	778.4	662.7	686.6	821.8	747.2	781.3	795.0	130.9	194.2	333.0	303.3	395.5	357.5	231.6	462.0	387.7	392.1	399.8	363.4	369.6	371.3
Construction	97.0	96.5	178.7	205.3	210.4	263.8	338.8	648.6	390.3	429.9	453.0	556.9	664.9	600.7	101.5	96.5	164.5	181.7	187.2	220.1	268.4	481.3	229.0	246.9	251.5	309.5	371.9	333.0
Change in Inventories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exports of Goods and Services	659.5	868.4	1,065.0	1,271.2	1,710.4	2,089.1	1,891.9	2,663.0	4,077.1	4,371.6	4,187.6	4,182.3	4,133.8	4,355.9	805.4	868.4	959.9	988.2	1,141.5	1,240.9	1,060.7	1,429.7	1,827.8	2,039.8	1,942.3	1,770.1	1,801.5	1,866.6
Merchandise, f.o.b.	500.1	641.0	753.1	867.7	1,259.2	1,631.4	1,328.6	1,804.0	3,184.1	3,495.4	3,269.8	3,357.7	3,333.0	3,435.0	635.0	641.0	678.8	663.1	786.7	905.7	660.7	831.4	1,223.4	1,485.0	1,394.1	1,280.6	1,340.5	1,337.0
Services	159.4	227.4	311.9	403.5	451.2	457.6	563.3	859.0	893.0	876.2	917.8	824.7	800.8	921.0	170.4	227.4	281.0	325.0	354.8	335.2	400.0	598.3	604.4	554.8	548.1	489.5	461.0	529.6
Less: Imports of Goods and Services	791.1	1,189.5	1,459.0	2,006.8	2,745.3	3,165.2	2,772.6	4,418.0	4,642.6	4,688.2	5,202.9	5,040.9	4,913.0	4,974.6	910.2	1,189.5	1,355.8	1,687.3	2,160.1	2,001.1	1,646.7	2,498.6	2,330.4	2,377.6	2,534.4	2,383.8	2,475.6	2,505.4
Merchandise, f.o.b.	676.6	1,019.5	1,184.6	1,489.3	2,004.9	2,267.1	1,926.6	2,906.0	3,219.6	3,192.8	3,392.3	3,392.7	3,464.7	3,327.2	778.4	1,019.5	1,100.9	1,252.1	1,577.6	1,433.3	1,144.3	1,609.3	1,579.4	1,619.2	1,652.5	1,604.4	1,745.8	1,675.7
Services	114.5	170.0	274.3	517.6	740.4	898.1	846.0	1,512.0	1,423.0	1,495.4	1,810.5	1,648.2	1,448.3	1,647.4	131.8	170.0	254.9	435.1	582.5	567.8	502.5	889.3	751.1	758.4	881.9	779.4	729.8	829.7
<i>Balance on External Goods and Services</i>	<i>(131.6)</i>	<i>(321.1)</i>	<i>(393.9)</i>	<i>(735.7)</i>	<i>(1,034.9)</i>	<i>(1,076.1)</i>	<i>(880.7)</i>	<i>(1,755.0)</i>	<i>(565.5)</i>	<i>(316.6)</i>	<i>(1,015.3)</i>	<i>(858.6)</i>	<i>(779.2)</i>	<i>(618.7)</i>	<i>(104.8)</i>	<i>(321.1)</i>	<i>(395.9)</i>	<i>(699.1)</i>	<i>(1,018.7)</i>	<i>(760.3)</i>	<i>(586.1)</i>	<i>(1,068.9)</i>	<i>(502.6)</i>	<i>(337.7)</i>	<i>(592.2)</i>	<i>(613.7)</i>	<i>(674.1)</i>	<i>(638.8)</i>
Statistical Discrepancy	165.0	152.8	(535.3)	(150.8)	132.9	(4.4)	(48.3)	70.7	(33.5)	(87.0)	310.9	(126.2)	(130.7)	(96.4)	82.0	152.8	(531.1)	(181.5)	19.8	(102.0)	(71.6)	(19.1)	157.4	89.9	168.5	13.3	8.6	69.2
GROSS DOMESTIC PRODUCT	2,429.3	2,714.4	3,226.1	3,639.8	4,122.8	4,661.1	5,028.3	5,612.7	6,299.7	6,755.3	7,409.8	7,720.3	8,129.9	8,685.9	2,520.7	2,714.4	2,914.2	3,034.7	3,145.2	3,341.0	3,436.7	3,770.4	4,050.5	4,146.1	4,263.2	4,339.7	4,450.7	4,603.4

p/ - preliminary estimates

Table 4. Growth Rates (%) of Gross Domestic Product (GDP) by Economic Activity - Current and Constant Price Values

Economic Activity	Current Prices (SIS Millions)													Constant 2004 Prices (SIS Millions)												
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016/p	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016/p
AGRICULTURE, FISHERIES & FORESTRY	12.9	0.3	9.6	8.5	19.2	3.8	12.5	7.9	8.0	4.6	8.6	4.9	10.8	7.4	(1.5)	3.1	(3.7)	14.4	2.1	14.8	2.3	0.4	(1.3)	4.4	8.4	8.4
Agriculture & Hunting	10.8	9.3	10.9	5.2	23.4	5.1	11.7	11.1	1.4	4.5	2.3	-3.7	8.8	1.4	3.9	0.9	2.6	10.1	-1.0	9.5	8.5	-0.5	-2.7	1.5	1.3	3.9
Forestry & Logging	15.9	5.0	1.8	16.0	14.9	3.4	30.0	-2.3	14.0	12.6	10.7	4.4	11.6	31.2	-7.7	1.5	-13.5	24.1	13.5	33.7	-10.9	1.1	0.3	12.5	7.7	14.5
Fishing	15.1	-31.2	20.4	8.4	11.0	-0.6	-20.9	22.4	30.2	-14.3	-9.7	17.9	7.3	-1.7	-7.7	12.4	-9.0	15.9	-3.5	2.1	8.3	2.4	0.3	8.4	-3.1	-4.4
INDUSTRY	-0.01	0.4	22.9	22.4	11.4	21.8	21.3	41.3	-2.1	7.6	11.7	11.5	11.9	-75.6	-4.5	-3.0	11.4	5.4	15.4	-0.2	15.4	38.2	-1.4	-3.4	-14.8	-17.4
Mining & Quarrying	143.1	12.0	22.8	34.2	63.9	168.9	60.3	618.9	-32.7	6.8	-69.0	-70.6	-6.4	119.2	-5.8	-26.9	59.4	189.0	113.8	41.5	708.8	0.0	-13.0	-59.0	-67.5	-2.5
Manufacturing	13.7	8.5	20.6	34.0	10.8	15.8	16.9	13.3	0.6	0.8	14.0	14.6	-0.8	0.6	-6.0	10.7	22.7	-1.7	0.0	8.5	2.3	2.1	0.1	3.5	3.8	1.0
Electricity & Water	9.7	-52.1	70.6	-7.3	-1.0	72.0	84.7	12.6	25.1	22.4	25.3	7.8	8.3	2.8	-0.2	22.6	-57.0	179.9	-21.9	75.8	-11.1	-15.0	10.9	8.6	8.0	6.8
Construction	-27.1	14.6	15.3	6.1	14.7	13.4	-1.8	1.6	22.4	15.7	27.0	7.9	14.6	-19.8	2.3	7.4	9.6	6.3	4.3	-8.1	-16.6	-1.7	10.8	23.1	9.8	-3.4
SERVICES	13.9	39.3	14.8	14.3	11.9	7.6	9.1	6.2	9.8	13.6	19.5	13.0	14.8	-76.6	11.6	19.4	4.2	8.1	-0.5	4.2	6.4	2.6	4.8	12.8	11.8	9.1
Wholesale and Retail Trade	10.8	85.2	23.0	8.0	17.6	9.7	14.0	12.4	11.9	11.9	11.0	10.8	10.9	15.3	-1.1	8.2	12.6	-1.6	6.7	2.1	1.0	3.1	8.0	7.8	6.3	1.8
Hotel & Restaurants	14.6	-7.7	14.3	15.7	12.7	36.9	41.5	28.3	3.8	13.1	-16.4	9.9	3.7	31.4	-2.9	9.1	3.4	-4.6	23.0	25.4	4.3	8.7	8.7	4.9	9.2	1.2
Transport & Storage	25.5	2.9	14.4	7.0	12.3	11.6	7.1	5.6	2.6	10.0	9.1	4.3	1.8	16.3	-1.1	8.2	2.9	-1.6	6.7	2.1	1.0	3.1	8.0	7.8	6.3	1.8
Communications	43.3	33.8	26.7	15.7	8.1	2.9	-4.3	-34.3	-10.8	3.1	2.1	31.5	2.9	32.8	8.7	23.5	14.6	6.1	2.9	10.3	6.8	2.3	3.1	2.1	2.9	2.9
Financial Intermediation	51.8	112.3	45.6	29.2	36.4	-14.1	-22.6	19.1	21.9	12.3	11.0	7.7	9.4	42.0	127.9	16.7	20.0	-5.4	2.6	28.0	10.8	15.1	6.5	5.5	8.3	8.9
Insurance Services	142.4	12.7	174.2	29.2	10.9	9.9	29.2	19.1	21.9	12.3	11.0	7.7	9.4	126.7	127.9	16.7	20.0	-5.4	2.6	28.0	10.8	15.1	6.5	5.5	8.3	8.9
Real Estate & Renting	6.2	5.1	3.7	4.4	5.1	3.7	3.7	3.7	3.7	23.8	3.7	7.2	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Owner Occupied Dwellings	7.3	8.2	22.6	4.7	5.5	4.0	4.0	4.0	24.1	24.1	4.0	10.5	2.0	4.8	3.5	14.4	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.9	2.0
Business Services	2.9	57.6	-9.4	16.3	19.7	10.8	9.4	17.9	9.5	11.3	5.4	2.6	2.5	-3.8	16.2	5.7	8.0	2.1	3.5	8.3	9.7	3.4	5.6	0.2	3.2	1.9
Public Administration & Defense	3.3	119.1	-5.4	25.8	3.5	14.3	11.7	-1.2	9.8	14.6	2.8	2.2	6.7	6.4	97.3	-14.5	12.2	-7.2	0.1	5.0	-5.9	3.2	11.6	1.2	2.5	3.4
Education	18.6	27.2	11.3	29.3	16.4	8.8	13.6	6.5	10.6	15.6	0.2	1.9	9.3	10.8	13.7	1.9	11.9	5.9	3.9	1.8	4.6	5.3	15.2	-0.3	3.4	3.0
Health	21.8	30.5	56.6	3.9	16.7	13.1	12.4	7.4	12.8	19.3	1.4	3.7	7.0	13.8	5.4	40.8	-11.1	2.4	2.3	2.5	7.0	1.7	19.0	-0.4	3.1	2.6
Other Services	9.3	14.6	13.9	16.4	5.5	-2.1	8.9	5.2	8.3	0.5	6.5	10.8	4.9	2.1	3.9	1.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Taxes on Products less Subsidies	15.6	2.5	3.8	24.0	12.0	5.0	0.8	44.9	18.9	2.1	-2.8	-2.3	-5.0	7.9	-6.9	-4.7	13.5	4.2	0.1	-0.3	38.9	13.4	-4.3	-5.2	-4.8	-7.9
Less Imputed Bank Charges	37.5	68.5	83.4	29.2	59.4	8.2	1.2	7.5	21.9	12.3	11.0	7.7	9.4	42.0	127.9	16.7	20.0	-5.4	2.6	28.0	10.8	15.1	6.5	5.5	8.3	8.9
GROSS DOMESTIC PRODUCT (GDP)	11.7	18.8	12.8	13.3	13.1	7.9	11.6	12.2	7.2	9.7	4.2	5.3	6.8	7.7	7.4	4.1	3.6	6.2	2.9	9.7	7.4	2.4	2.8	1.8	2.6	3.4
GDP Excluding Development Budget	8.8	13.1	14.1	14.0	14.5	7.7	11.7	13.4	7.4	9.8	4.0	5.4	7.5	4.9	1.9	5.4	4.2	7.5	3.4	9.8	8.6	2.5	2.9	1.7	2.5	3.9

Table 5. Growth Rates (%) of Gross Domestic Product (GDP) by Expenditure - Current and Constant Price Values

Expenditure	Current Prices (SIS Millions)														Constant 2004 Prices (SIS Millions)											
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 ^p	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 ^p
Final Consumption Expenditure	19.1	40.3	9.1	9.4	15.2	4.6	12.2	-0.4	3.4	13.2	8.2	2.6	5.4	12.1	29.0	2.6	3.8	1.8	-0.9	8.9	-3.5	-0.6	7.5	5.7	2.5	2.1
Household Final Consumption Expenditure	13.8	16.9	9.9	12.4	19.4	2.8	10.4	7.4	6.1	10.7	8.0	4.2	5.9	6.5	9.3	4.2	7.9	4.2	-1.6	8.7	4.1	3.1	4.8	4.8	4.4	2.2
Private Non Profit Institutions Serving Households	1.2	15.3	15.2	0.4	7.2	-3.3	9.8	6.3	5.9	1.5	8.9	8.9	22.5	-5.5	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Government Consumption Expenditure	39.0	100.5	7.3	6.2	9.9	8.4	15.1	-12.6	-1.9	19.5	8.6	-0.9	2.5	33.7	80.6	0.3	-2.2	-2.2	-0.1	10.0	-17.2	-9.0	14.7	8.2	-1.4	2.0
Gross Fixed Capital Formation	32.5	78.1	8.1	22.6	8.2	-2.2	96.7	-26.2	6.0	14.2	2.3	10.9	-3.5	25.1	71.1	-2.5	20.1	-0.9	-13.4	88.7	-34.6	3.6	1.9	3.3	10.2	-5.0
Durable Equipment	58.7	74.5	4.5	34.2	0.6	-19.1	101.3	-14.9	3.6	19.7	-9.1	4.6	1.8	48.4	71.5	-8.9	30.4	-9.6	-35.2	99.5	-16.1	1.1	2.0	-9.1	1.7	0.5
Construction	-0.6	85.2	14.9	2.5	25.4	28.4	91.5	-39.8	10.1	5.4	22.9	19.4	-9.7	-4.9	70.5	10.4	3.0	17.6	21.9	79.3	-52.4	7.8	1.9	23.1	20.2	-10.5
Change in Inventories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exports of Goods and Services	31.7	22.6	19.4	34.6	22.1	-9.4	40.8	53.1	7.2	-4.2	-0.1	-1.2	5.4	7.8	10.5	2.9	15.5	8.7	-14.5	34.8	27.8	11.6	-4.8	-8.9	1.8	3.6
Merchandise, f.o.b.	28.2	17.5	15.2	45.1	29.6	-18.6	35.8	76.5	9.8	-6.5	2.7	-0.7	3.1	0.9	5.9	-2.3	18.6	15.1	-27.1	25.8	47.1	21.4	-6.1	-8.1	4.7	-0.3
Services	42.7	37.1	29.4	11.8	1.4	23.1	52.5	4.0	-1.9	4.7	-10.1	-2.9	15.0	33.4	23.6	15.6	9.2	-5.5	19.3	49.6	1.0	-8.2	-1.2	-10.7	-5.8	14.9
Less: Imports of Goods and Services	50.4	22.7	37.6	36.8	15.3	-12.4	59.3	5.1	1.0	11.0	-3.1	-2.5	1.3	30.7	14.0	24.5	28.0	-7.4	-17.7	51.7	-6.7	2.0	6.6	-5.9	3.9	1.2
Merchandise, f.o.b.	50.7	16.2	25.7	34.6	13.1	-15.0	50.8	10.8	-0.8	6.2	0.0	2.1	-4.0	31.0	8.0	13.7	26.0	-9.1	-20.2	40.6	-1.9	2.5	2.1	-2.9	8.8	-4.0
Services	48.4	61.4	88.7	43.0	21.3	-5.8	78.7	-5.9	5.1	21.1	-9.0	-12.1	13.7	29.0	50.0	70.7	33.9	-2.5	-11.5	77.0	-15.5	1.0	16.3	-11.6	-6.4	13.7
GROSS DOMESTIC PRODUCT	11.7	18.8	12.8	13.3	13.1	7.9	11.6	12.2	7.2	9.7	4.2	5.3	6.8	7.7	7.4	4.1	3.6	6.2	2.9	9.7	7.4	2.4	2.8	1.8	2.6	3.4

p/ - preliminary estimates

Table 6. Contribution (%) to GDP by Economic Activity, Expenditure Share and Sector - Current Prices

Eco Activity/Expenditure/Sector	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016/p
Agriculture	20.4	20.2	18.6	18.3	17.0	18.5	18.1	18.1	17.9	16.9	16.1	15.8	14.5	14.7
Forestry & logging	10.0	10.3	9.1	8.2	8.4	8.6	8.2	9.6	8.3	8.9	9.1	9.7	9.6	10.0
Fishing	7.1	7.3	4.2	4.5	4.3	4.2	3.9	2.8	3.0	3.7	2.9	2.5	2.8	2.8
Mining & Quarrying	0.0	0.1	0.1	0.1	0.1	0.2	0.5	0.7	4.3	2.7	2.6	0.8	0.2	0.2
Manufacturing	6.4	6.5	6.0	6.4	7.5	7.4	7.9	8.3	8.4	7.9	7.2	7.9	8.6	8.0
Electricity Water	1.8	1.8	0.7	1.1	0.9	0.8	1.2	2.0	2.0	2.4	2.6	3.2	3.3	3.3
Construction	4.1	2.7	2.6	2.7	2.5	2.5	2.7	2.3	2.1	2.4	2.6	3.1	3.2	3.4
Wholesale & Retail	7.5	7.4	11.6	12.7	12.1	12.5	12.8	13.0	13.0	13.6	13.9	14.8	15.6	16.2
Hotels & Restaurants	1.9	1.9	1.5	1.5	1.5	1.5	1.9	2.5	2.8	2.7	2.8	2.2	2.3	2.3
Transportation & Storage	6.3	7.1	6.1	6.2	5.9	5.8	6.0	5.8	5.4	5.2	5.2	5.5	5.4	5.2
Communications	1.8	2.3	2.6	2.9	3.0	2.8	2.7	2.3	1.4	1.1	1.1	1.0	1.3	1.3
Financial intermediation	1.0	1.3	2.4	3.1	3.5	4.3	3.4	2.4	2.5	2.8	2.9	3.1	3.2	3.2
Insurance Services	0.2	0.4	0.4	1.0	1.1	1.1	1.1	1.3	1.4	1.6	1.6	1.7	1.8	1.8
Ownership of Owner-Occupied Dwellings	9.0	8.5	7.5	6.9	6.4	5.9	5.7	5.3	4.9	4.7	5.3	5.3	5.4	5.2
Real Estate Services	3.7	3.6	3.2	3.5	3.2	3.0	2.9	2.7	2.5	2.9	3.3	3.3	3.5	3.3
Business Services	0.7	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Public Administration	6.6	6.1	11.2	9.4	10.5	9.6	10.2	10.2	8.9	9.1	9.6	9.4	9.2	9.1
Education Services	3.5	3.8	4.0	4.0	4.5	4.7	4.7	4.8	4.5	4.7	4.9	4.8	4.6	4.7
Health Services	1.2	1.3	1.5	2.0	1.9	1.9	2.0	2.0	1.9	2.0	2.2	2.2	2.1	2.1
Personal and Other Services	4.5	4.4	4.3	4.3	4.4	4.1	3.8	3.7	3.4	3.5	3.2	3.2	3.4	3.4
GDP at factor cost	97.7	97.8	98.5	99.4	99.4	100.3	100.4	100.4	99.6	99.6	99.9	100.3	100.6	100.9
Taxes less subsidies	2.9	3.0	2.6	2.4	2.6	2.6	2.5	2.3	3.0	3.3	3.1	2.9	2.6	2.4
Less Bank Service Charge	-0.6	-0.8	-1.1	-1.8	-2.1	-2.9	-2.9	-2.7	-2.5	-2.9	-3.0	-3.2	-3.2	-3.3
Gross Domestic Product	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Expenditure on GDP														
Household Consumption	67.0	67.4	53.7	58.5	62.5	63.8	60.3	61.0	57.3	56.3	60.1	58.7	58.1	57.9
NGO Final Consumption	5.9	5.3	4.2	4.7	4.5	4.2	3.7	3.7	3.5	3.4	3.3	3.3	3.4	3.9
Government Final Consumption	23.2	28.5	38.9	41.4	41.7	39.2	39.1	41.2	31.5	28.6	33.0	32.4	30.5	29.4
Gross Fixed Capital Formation	9.7	11.3	13.8	14.8	17.2	15.9	14.3	25.7	16.6	16.3	18.0	16.6	17.5	15.9
Construction	4.3	3.8	4.8	5.4	5.3	5.7	6.7	11.7	6.2	6.3	6.4	7.1	8.0	6.8
Machinery and equipment	5.4	7.6	9.0	9.3	11.9	10.3	7.6	14.0	10.5	10.0	11.6	9.5	9.5	9.1
Change in Inventories	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross National Expenditure	105.8	112.5	110.5	119.4	125.9	123.1	117.3	131.7	108.9	104.6	114.3	110.9	109.4	107.0
plus Exports of goods and services	29.1	33.9	28.3	33.5	42.9	44.8	37.3	48.1	64.4	63.9	59.0	53.3	50.0	49.6
Goods	22.1	25.0	20.0	22.9	31.6	35.0	26.2	32.6	50.3	51.1	46.1	42.8	40.3	39.1
Services	7.0	8.9	8.3	10.6	11.3	9.8	11.1	15.5	14.1	12.8	12.9	10.5	9.7	10.5
less Imports of goods and services	34.9	46.4	38.8	52.9	68.8	67.8	54.6	79.7	73.3	68.5	73.3	64.2	59.5	56.6
Goods	29.9	39.8	31.5	39.3	50.3	48.6	38.0	52.4	50.8	46.7	47.8	43.2	41.9	37.9
Services	5.1	6.6	7.3	13.7	18.6	19.3	16.7	27.3	22.5	21.9	25.5	21.0	17.5	18.8
Expenditure on GDP	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Statistical discrepancy	7.3	6.0	-14.2	-4.0	3.3	-0.1	-1.0	1.3	-0.5	-1.3	4.4	-1.6	-1.6	-1.1
Total All Industries' Value Added	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>of which:</i>														
Formal Sector	38.3	36.6	32.4	34.5	31.0	29.3	27.2	29.5	33.6	32.6	30.1	30.8	32.8	32.3
General Government	19.5	23.3	30.6	29.8	35.4	36.4	38.6	39.2	36.9	38.3	41.1	39.5	38.0	39.6
Total Informal Sector	42.3	40.1	37.0	35.6	33.6	34.3	34.2	31.3	29.4	29.1	28.8	29.7	29.2	28.2
<i>of which:</i>														
Agriculture - cash crops	4.2	3.8	3.9	3.4	3.3	4.6	4.3	4.1	4.5	4.2	3.9	4.1	3.7	3.7
- home consumption	13.7	13.7	12.3	12.0	11.2	11.4	11.7	10.7	10.1	10.1	9.7	10.1	9.3	9.0
Forestry & Logging - monetary	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
- nonmonetary	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Fishing -monetary	2.6	2.2	1.4	1.2	1.1	0.9	1.0	0.8	0.5	0.4	0.4	0.4	0.5	0.5
- home consumption	2.4	2.3	1.8	1.7	1.5	1.3	1.5	1.2	0.8	0.7	0.7	0.7	0.8	0.8
Mining-alluvial gold production	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Manufacturing - sawn timber, handicrafts, i	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Construction -permanent structures	1.8	0.5	0.6	0.6	0.6	0.7	0.9	0.7	0.5	0.7	0.6	0.8	1.0	0.8
-traditional dwellings	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Wholesale and Retail Trade	1.1	1.1	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Transport - Buses, taxis, OBMs, pickups	2.7	3.4	3.5	3.8	4.0	3.7	3.6	3.4	3.2	3.1	3.0	3.0	3.0	2.9
Owner-occupied -permanent dwellings	8.1	7.7	6.8	6.2	5.7	5.3	5.1	4.8	4.4	4.3	4.8	4.8	4.9	4.7
- rural traditional houses	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5
Real Estate Rental Activity	1.8	1.6	2.1	2.1	2.0	1.9	1.8	1.7	1.5	1.6	1.8	1.9	2.1	2.0
Other services	2.4	2.4	2.2	2.2	2.1	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.2	2.2

Table 7. Manufacturing Value Added by Main Categories - Current and Constant Prices Values

Main Manufacturing Group	Current Prices (SIS Millions)														Constant 2004 Prices (SIS Millions)													
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Food manufacturing	66.6	68.5	74.3	89.6	120.1	133.0	154.1	180.2	204.2	204.1	198.6	215.1	227.6	223.0	77.4	68.5	62.1	67.9	84.0	79.3	77.4	87.1	92.2	93.4	92.9	92.7	93.3	96.2
Beverages & tobacco manufacturing	30.3	38.5	41.8	50.4	67.5	74.8	86.6	101.2	114.7	112.3	117.7	145.0	167.8	182.1	33.2	38.5	38.0	41.8	51.5	52.3	52.9	53.1	51.5	52.2	51.9	51.8	52.1	53.8
Wood products manufacturing	7.8	8.6	9.3	11.2	15.0	16.6	19.2	22.5	25.5	26.3	29.8	32.8	39.6	38.3	8.6	8.6	8.6	9.5	12.0	12.1	11.5	13.0	12.6	12.8	13.9	15.4	16.2	17.1
Printing and publishing	6.5	6.6	7.2	8.7	11.6	12.9	14.9	17.4	19.8	31.8	33.0	32.9	37.9	35.9	7.1	6.6	6.7	8.0	10.3	11.4	12.3	13.8	15.3	15.5	15.5	15.4	15.5	16.0
Chemicals and rubber manufacturing	3.3	6.7	7.3	8.8	11.8	13.0	15.1	17.7	20.0	10.3	9.6	11.6	15.6	13.2	3.7	6.7	6.3	7.7	9.4	8.0	8.7	9.1	8.1	8.6	8.5	10.3	12.2	11.0
Non-metallic products manufacturing	1.7	2.8	3.0	3.6	4.9	5.4	6.3	7.3	8.3	9.3	8.9	10.8	14.5	12.4	1.7	2.8	2.5	2.9	3.7	3.5	3.4	3.8	3.8	4.0	4.0	4.8	5.7	5.1
Metallic products manufacturing	5.0	6.3	6.8	8.2	11.0	12.2	14.2	16.6	18.8	20.4	20.6	25.5	36.7	32.9	5.5	6.3	5.6	5.9	5.7	6.7	7.2	8.1	9.0	9.7	9.6	11.5	13.7	12.3
Other manufacturing	34.5	39.0	42.3	51.0	68.3	75.7	87.6	102.5	116.1	115.7	116.4	135.8	158.9	154.9	38.8	39.0	36.6	40.6	49.4	48.7	48.8	53.2	54.1	55.5	55.8	58.9	62.2	62.1
Total Manufacturing	155.6	177.0	192.0	231.5	310.1	343.6	398.0	465.4	527.3	530.3	534.6	609.6	698.6	692.9	175.9	177.0	166.4	184.2	226.0	222.2	222.2	241.1	246.6	251.8	252.1	260.9	270.9	273.6

p/ - preliminary estimates

Table 8. Household Final Consumption Expenditure (HFCE) by Major Categories - Current and Constant Price Values (SIS millions)

Major HFCE Groups	Current Prices (SIS Millions)														Constant 2004 Prices (SIS Millions)													
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016/p	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016/p
Food	807	936	1,104	1,158	1,341	1,693	1,711	1,858	1,978	2,066	2,267	2,480	2,530	2,691	879	936	1,047	1,023	1,131	1,179	1,113	1,221	1,255	1,274	1,358	1,447	1,524	1,553
Beverages and tobacco	47	51	51	58	61	69	75	85	100	107	122	154	160	183	49	51	53	54	55	56	58	59	60	62	63	65	66	68
Clothing and footwear	29	31	32	37	40	41	45	50	52	54	60	64	70	71	30	31	32	32	33	34	35	36	36	37	38	39	40	41
Housing, water, electricity, gas and fuels	348	369	400	430	449	474	493	515	536	576	714	741	822	846	357	369	383	409	424	440	457	474	491	510	529	549	574	591
Furnishings, household equipment and routine maintenance	50	55	57	70	79	95	109	118	128	135	145	153	162	158	53	55	55	62	64	67	69	71	74	76	79	82	84	84
Health	34	37	42	49	52	53	55	56	57	70	87	104	124	141	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Transport	68	100	151	236	277	338	362	469	552	596	621	643	646	661	74	100	130	192	216	231	237	292	329	357	365	374	383	392
Leisure, entertainment and culture	12	13	15	20	21	21	22	22	23	25	25	26	29	30	13	13	14	14	14	15	15	15	16	16	17	17	17	18
Education	68	75	86	90	92	99	90	102	99	112	107	117	124	169	74	75	77	79	81	83	85	87	89	91	93	95	97	99
Hotels, cafes and restaurants	15	16	18	20	21	27	30	30	32	35	38	40	40	41	16	16	17	17	18	18	19	19	20	20	21	21	22	22
Miscellaneous goods and services	40	43	62	51	60	67	69	73	72	77	78	82	90	90	42	43	44	45	46	47	48	49	50	52	53	54	55	57
Total HFCE	1,518	1,727	2,019	2,219	2,493	2,976	3,060	3,379	3,631	3,853	4,265	4,604	4,797	5,081	1,623	1,727	1,888	1,967	2,123	2,211	2,177	2,366	2,465	2,540	2,661	2,789	2,911	2,974

Table 9. Contribution to Growth by Economic Activity and Expenditure Share - Current Price and Constant Price Values (SI\$ millions)

Contribution to Growth - Current Prices													Contribution to Growth - Constant Prices														
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Agriculture	53.3	51.0	65.3	34.7	164.1	43.9	106.3	112.5	15.4	51.0	27.7	-45.4	103.9	Agriculture	7.6	21.4	5.4	15.0	59.7	-6.6	61.1	59.6	-3.7	-20.2	11.0	9.8	29.3
Forestry & logging	38.4	13.9	5.3	47.8	52.0	13.4	124.0	-12.2	73.7	75.6	71.9	33.1	90.3	Forestry & logging	66.7	-21.7	3.8	-35.4	54.9	38.0	107.9	-46.6	4.2	1.1	48.4	33.6	67.8
Fishing	26.1	-62.0	27.9	13.8	19.6	-1.2	-41.2	34.9	57.6	-35.5	-20.5	34.5	16.5	Fishing	-3.5	-15.3	22.7	-18.6	29.8	-7.6	4.4	17.8	5.5	0.6	19.9	-8.0	-10.9
Mining & Quarrying	1.68	0.34	0.73	1.35	3.37	14.61	14.03	230.76	-87.77	12.28	-132.9	-42.1	-1.1	Mining & Quarrying	1.6	-0.2	-0.7	1.2	5.9	10.3	8.0	194.2	-0.03	-28.76	-113.7	-53.4	-0.6
Manufacturing	21.37	15.00	39.50	78.62	33.51	54.35	67.41	61.92	3.03	4.30	75.0	89.0	-5.7	Manufacturing	1.0	-10.6	17.8	41.8	-3.9	0.0	18.9	5.5	5.2	0.3	8.8	10.0	2.7
Electricity Water	4.20	-24.83	16.10	-2.86	-0.34	25.74	52.04	14.33	32.14	35.81	49.6	19.2	21.9	Electricity Water	1.3	-0.1	10.7	-33.2	45.1	-15.4	41.6	-10.7	-12.9	8.0	6.9	7.0	6.4
Construction	-27.29	10.71	12.89	5.96	15.16	15.81	-2.35	2.14	29.90	25.76	51.1	18.9	37.8	Construction	-18.1	1.7	5.5	7.8	5.5	4.1	-7.9	-15.0	-1.3	8.0	18.9	9.8	-3.8
Wholesale & Retail	19.8	172.1	86.2	36.9	87.4	56.9	89.6	90.3	98.1	109.8	113.6	122.9	138.1	Wholesale & Retail	26.8	-2.2	16.4	27.3	-3.9	16.0	5.4	2.6	8.2	21.9	22.9	20.0	6.1
Hotels & Restaurants	6.6	-4.0	6.8	8.6	8.0	26.2	40.4	38.9	6.7	24.0	-33.9	17.1	7.0	Hotels & Restaurants	12.3	-1.5	4.6	1.9	-2.6	12.4	16.8	3.6	7.6	8.2	5.1	10.0	1.4
Transportation & Storage	39.0	5.5	28.4	15.9	29.8	31.4	21.5	18.1	9.0	35.2	35.0	18.2	7.9	Transportation & Storage	26.9	-2.1	15.6	5.9	-3.4	13.9	4.7	2.3	7.1	19.0	19.9	17.3	5.3
Communications	18.8	21.0	22.3	16.6	9.9	3.9	-5.8	-44.6	-9.3	2.4	1.7	25.3	3.1	Communications	15.4	5.4	16.0	12.2	5.8	3.0	10.8	7.8	2.9	4.0	2.8	3.9	4.0
Financial intermediation	12.5	41.1	35.4	33.0	53.1	-28.0	-38.7	25.3	34.5	23.6	23.7	18.5	24.3	Financial intermediation	10.8	46.7	13.9	19.4	-6.3	2.8	31.7	15.7	24.3	12.1	10.9	17.3	19.9
Insurance Services	6.9	1.5	23.0	10.6	5.1	5.1	16.7	14.1	19.3	13.1	13.2	10.3	13.5	Insurance Services	6.6	15.0	4.5	6.2	-2.0	0.9	10.2	5.0	7.8	3.9	3.5	5.6	6.4
Ownership of Owner-Occupied Dwellings	13.4	11.7	8.9	11.1	13.5	10.1	10.5	10.9	11.3	75.8	14.5	29.5	16.1	Ownership of Owner-Occupied Dwellings	8.2	8.5	8.8	9.1	9.4	9.8	10.1	10.5	10.9	11.3	11.7	12.1	12.6
Real Estate Services	6.6	7.9	23.5	6.0	7.3	5.6	5.8	6.1	38.3	47.5	9.7	26.7	5.7	Real Estate Services	4.4	3.3	14.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	6.0	10.7	3.4
Business Services	0.5	9.8	-2.5	4.0	5.6	3.7	3.5	7.3	4.6	6.0	3.2	1.6	1.6	Business Services	-0.7	2.8	1.1	1.7	0.5	0.8	2.0	2.5	1.0	1.6	0.1	1.0	0.6
Public Administration	5.3	197.0	-19.6	88.4	15.3	63.9	59.7	-7.0	54.9	90.1	19.9	16.0	49.9	Public Administration	9.9	160.9	-47.3	34.1	-22.6	0.2	14.5	-18.1	9.1	34.4	4.0	8.4	11.8
Education Services	16.1	27.8	14.6	42.4	30.6	19.1	32.2	17.4	30.3	49.3	0.9	6.9	34.8	Education Services	10.0	14.0	2.2	14.1	7.8	5.5	2.7	6.9	8.2	24.9	-0.6	6.4	5.9
Health Services	6.5	11.0	26.6	2.9	12.8	11.7	12.5	8.4	15.6	26.6	2.3	6.2	12.0	Health Services	4.4	1.9	15.5	-5.9	1.1	1.1	1.2	3.6	0.9	10.6	-0.3	2.0	1.8
Personal and Other Services	10.2	17.6	19.1	25.7	10.1	-4.0	16.9	10.7	18.1	1.3	15.3	27.0	13.7	Personal and Other Services	2.4	4.6	1.6	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7
GDP at factor cost	279.8	524.2	440.6	481.3	576.0	372.3	585.1	640.3	455.5	673.8	341.1	433.5	591.4	GDP at factor cost	194.0	232.8	132.3	112.0	188.7	97.3	352.5	255.7	93.7	130.0	89.6	127.1	173.6
Taxes less subsidies	11.1	2.1	3.2	21.0	13.1	6.1	1.1	57.9	35.3	4.7	-6.4	-5.1	-10.7	Taxes less subsidies	6.0	-5.7	-3.6	9.9	3.4	0.1	-0.3	33.6	16.1	-5.8	-6.7	-5.9	-9.3
Less Bank Service Charge	-5.8	-14.7	-30.1	-19.3	-50.8	-11.2	-1.7	-11.2	-35.1	-24.0	-24.1	-18.8	-24.7	Less Bank Service Charge	-6.3	-27.4	-8.2	-11.4	3.7	-1.7	-18.6	-9.2	-14.2	-7.1	-6.4	-10.1	-11.7
Gross Domestic Product	285.1	511.6	413.7	483.1	538.3	367.2	584.4	687.0	455.6	654.5	310.5	409.6	556.0	Gross Domestic Product	193.7	199.8	120.6	110.5	195.8	95.7	333.6	280.1	95.6	117.1	76.5	111.0	152.6
Expenditure on GDP													Expenditure on GDP														
Household Consumption	209.4	292.0	199.1	274.1	483.0	84.1	319.7	251.3	222.2	412.3	339.3	192.2	284.8	Household Consumption	104.8	160.8	78.5	156.1	88.4	-34.6	189.8	98.1	75.2	121.6	127.7	121.5	63.9
NGO Final Consumption	1.6	20.8	23.8	0.7	13.0	-6.5	18.3	12.9	12.9	3.4	20.9	22.9	62.7	NGO Final Consumption	-7.8	3.7	3.8	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.8	4.9	5.1
Government Final Consumption	204.4	732.9	106.3	97.5	164.4	154.5	300.2	-288.3	-38.3	381.3	201.3	-22.4	64.2	Government Final Consumption	183.8	587.2	4.4	-29.0	-28.1	-0.8	126.5	-238.6	-103.7	154.3	98.9	-18.8	25.0
Gross Fixed Capital Formation	71.3	227.0	41.8	126.2	56.4	-16.6	701.5	-374.1	63.5	158.3	29.4	142.0	-50.5	Gross Fixed Capital Formation	58.4	206.8	-12.5	97.7	-5.1	-77.6	443.3	-326.6	22.3	12.3	21.7	68.6	-37.2
Construction	71.8	144.8	15.2	121.1	3.0	-91.6	391.6	-115.7	23.9	135.2	-74.6	34.1	13.7	Construction	63.3	138.8	-29.7	92.2	-38.0	-125.9	230.4	-74.3	4.4	7.7	-36.3	6.2	1.7
Machinery and equipment	-0.5	82.2	26.5	5.1	53.4	75.0	309.9	-258.3	39.6	23.1	103.9	108.0	-64.2	Machinery and equipment	-5.0	68.0	17.2	5.5	33.0	48.2	212.9	-252.3	17.9	4.6	58.0	62.4	-38.9
Change in Inventories	-	-	-	-	-	-	-	-	-	-	-	-	-	Change in Inventories	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross National Expenditure	486.7	1272.6	371.0	498.5	716.9	215.5	1339.7	-398.2	260.2	955.3	590.8	334.7	361.2	Gross National Expenditure	339.2	958.5	74.2	228.7	59.3	-108.9	764.0	-462.7	-1.7	292.9	253.2	176.2	56.7
plus Exports of goods and services	209.0	196.6	206.1	439.2	378.7	-197.2	771.1	1414.1	294.5	-184.0	-5.3	-48.5	222.1	plus Exports of goods and services	63.0	91.4	28.3	153.3	99.4	-180.2	369.0	398.1	212.0	-97.5	-172.1	31.4	65.2
Goods	140.9	112.1	114.5	391.5	372.3	-302.8	475.4	1380.1	311.3	-225.6	87.9	-24.7	102.0	Goods	6.0	37.8	-15.7	123.5	119.0	-245.0	170.8	391.9	261.6	-90.8	-113.5	59.9	-3.5
Services	68.0	84.5	91.6	47.7	6.4	105.7	295.7	34.0	-16.8	41.6	-93.1	-23.8	120.1	Services	57.0	53.6	44.0	29.8	-19.6	64.8	198.3	6.2	-49.6	-6.7	-58.6	-28.5	68.6
less Imports of goods and services	398.4	269.5	547.9	738.4	419.9	-392.6	1645.4	224.6	45.6	514.7	-162.0	-127.9	61.7	less Imports of goods and services	279.3	166.3	331.5	472.8	-159.0	-354.4	851.9	-168.2	47.1	156.9	-150.6	91.8	29.9
Goods	343.0	165.1	304.6	515.6	262.1	-340.5	979.4	313.6	-26.8	199.5	0.3	72.0	-137.5	Goods	241.1	81.3	151.3	325.4	-144.3	-289.0	465.0	-29.9	39.8	33.3	-48.1	141.4	-70.1
Services	55.4	104.4	243.2	222.8	157.8	-52.1	666.0	-89.0	72.4	315.1	-162.3	-199.8	199.1	Services	38.2	85.0	180.2	147.4	-14.7	-65.4	386.9	-138.3	7.3	123.6	-102.5	-49.6	99.9
Expenditure on GDP	297.3	1199.8	29.2	199.3	675.6	411.0	465.4	791.3	509.1	256.6	747.6	414.1	521.7	Expenditure on GDP	122.9	883.7	-229.0	-90.8	317.7	65.3	281.1	103.6	163.2	38.5	231.6	115.8	92.0
stat discrepancy	-12.2	-688.1	384.5	283.8	-137.4	-43.8	119.0	-104.3	-53.5	397.9	-437.1	-4.5	34.3	stat discrepancy	70.8	-683.9	349.6	201.3	-121.8	30.4	52.6	176.5	-67.6	78.6	-155.1	-4.7	60.6

Table 10. Revisions to levels of Gross Domestic Product (GDP) by Economic Activity - Current and Constant Price Values (SI\$ millions)

Economic Activity	Current Prices (SI\$ Millions)														Constant 2004 Prices (SI\$ Millions)											
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
AGRICULTURE, FISHERIES & FORESTRY	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	0.0003
Agriculture & Hunting	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	-
Forestry & Logging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0003
Fishing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDUSTRY	-	-	-	-	-	-	-	-	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	0.03
Mining & Quarrying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
Electricity & Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	0.001
SERVICES	-	-	-	-	-	-	-	-	-	-	0.1	0.001	-	-	-	-	-	-	-	-	-	-	-	0.1	-	0.001
Wholesale and Retail Trade	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hotel & Restaurants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport & Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications	-	-	-	-	-	-	-	-	-	-	0.1	0.001	-	-	-	-	-	-	-	-	-	-	-	0.1	-	0.001
Financial Intermediation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Real Estate & Renting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Owner Occupied Dwellings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Business Services	-	-	-	-	-	-	-	-	-	-	0.0	0.001	-	-	-	-	-	-	-	-	-	-	-	0.001	-	0.0004
Public Administration & Defense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Health	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taxes on Products less Subsidies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.012	-	0.0003
Less Imputed Bank Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GROSS DOMESTIC PRODUCT (GDP)	-	-	-	-	-	-	-	-	-	-	5.5	0.04	-	-	-	-	-	-	-	-	-	-	-	3.5	-	0.03
GDP Excluding Development Budget	-	-	-	-	-	-	-	-	-	-	5.5	0.04	-	-	-	-	-	-	-	-	-	-	-	3.5	-	0.03

Table 11. Revisions to levels of Gross Domestic Product (GDP) by Expenditure Share - Current and Constant Price Values (SIS\$ millions)

Expenditure	Current Prices (SIS Millions)															Constant 2004 Prices (SIS Millions)														
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015				
Final Consumption Expenditure	-	-	-	-	-	-	-	-	-	-	-	-	(100.0)	-	-	-	-	-	-	-	-	-	-	-	-	-				
Household Final Consumption Expenditure	-	-	-	-	-	-	-	-	-	-	-	-	(100.0)	-	-	-	-	-	-	-	-	-	-	-	-	-				
Private Non Profit Institutions Serving Households	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Government Consumption Expenditure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Gross Fixed Capital Formation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2				
Durable Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2				
Change in Inventories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Exports of Goods and Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	11.6	(76.1)				
Merchandise, f.o.b.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	11.6	(76.1)				
Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Less: Imports of Goods and Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Merchandise, f.o.b.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
<i>Balance on External Goods and Services</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	11.6	(76.1)				
Statistical Discrepancy	-	-	-	-	-	-	-	-	-	-	5.5	-	100.0	-	-	-	-	-	-	-	-	-	-	(4.1)	(11.6)	75.9				
GROSS DOMESTIC PRODUCT	-	-	-	-	-	-	-	-	-	-	5.5	-	0.04	-	-	-	-	-	-	-	-	-	-	3.5	-	0.03				

APPENDIX I. METHODOLOGY, DATA SOURCES AND CHALLENGES

This annex presents a summary of the main methodological issues, data sources and limitations as well as short-medium term challenges. Additional details of the compilation history of the GDP estimates can be obtained from past publications.

The compilation of the GDP estimates follow practices recommended from the 1993 System of National Accounts (SNA). GDP is derived by the production and expenditure approach. The 2008 SNA recommendations cannot be fully implemented due mainly to data limitations. However, certain conceptual treatments for specific types of economic activities such as units undertaking ancillary activities within enterprises, and mining and mineral exploration have been considered within the meaning of the 2008 SNA.

I. GDP BY PRODUCTION

The GDP or the Gross Value Added (GVA) by economic activity is calculated as the difference between the Gross Value of Output (GVO) and Intermediate Consumption (IC) at both current and constant prices. As noted in previous publication, there are some specific cases where the GVA is computed by the sum of costs approach such as in the mining and quarry industry. The GVOs at constant 2004 prices are mainly derived by extrapolating the 2004 GVO by appropriate volume indicators. The ICs at constant 2004 prices are computed by using volume indicators of IC and by applying the ratio of the IC/GVO in 2004 to GVO at constant price in the current year.

The main improvements applied in the 2016 estimates include new and more accurate information becoming available mainly from the business survey data, and from the flow of annual data from the regular sources (see data sources below). A number of revisions also emanate from the re-distributional effects across production and expenditure approaches as a consequence of improvements to certain procedural approaches in the compilation process.

II. GDP BY EXPENDITURE

GDP estimated from the expenditure approach is derived as the sum of all final expenditures (household final consumption expenditure, final consumption expenditure of NPISHs, government final consumption expenditure), gross fixed capital formation, change in inventories and net-exports of goods and services.

There was no major methodological change applied during derivation as in the previous publication. Compilation efforts followed similar approaches from those applied in the previous derivations. Improvements applied included revisions to certain aggregates as a result of more accurate information becoming available as well as improvements in the compilation process. It was also observed that the incorporation of the merchandise trade data will have to be assessed and revised as a result of the newly implemented ASYCUDA system from Customs and subsequent reclassification of data.

III. DATA SOURCES

The main data sources used in the compilation of the GDP at current and constant 2004 prices include:

- Business Surveys (SISO),

- Non-Profit Institutions Survey (SISO)
- Trade Statistics (SISO/Customs)
- Balance of Payments (CBSI)
- National Provident Fund Employment Data (SINPF)
- Inland Revenue Aggregate records
- Government Finance (Finance and Treasury/National Planning Dept)
- Annual and Quarterly Economic Review (CBSI)
- Household Income and Expenditure Survey 2005/6 (SISO)
- Census Population Growth Rates (SISO)
- Consumer Price Index (SISO)
- Selected Volume and Price indexes (various sources/SISO)
- Imports and Export Price indexes of major commodities (various sources/SISO)

IV Short-Medium Term Challenges

A number of immediate challenges for the SINSO in the compilation of the GDP and related national accounts aggregates include the following:

- The quality of the current GDP estimates depends on the quality/reliability of source data from other organizations and information sources. The SINSO has taken steps to address this such as in formalising data sharing arrangements within the scope of the National Statistical Development Strategy (NSDS) 2015-16 to 2035.
- A major revision to the GDP series is currently being progressed by the SINSO. This involves the updating of the household final consumption expenditure (HFCE) and informal sector estimates, including current efforts to rebase of the current weights of the consumer price index (CPI) and the rebase of the GDP base year. The 2012-13 HIES is the main data source used.
- The current limited range of price and volume deflators also impacts on the quality of the GDP estimates. The SINSO continues to work towards improving the current measures while exploring alternative measures including implementing similar efforts identified in the NSDS.
- Accessing more detailed and up-to-date version of the development budget data remains a challenge. Plans towards addressing this and similar challenges have also been considered as part of the NSDS.
- Improving the quality and response rate of the Annual Business and Employment Surveys continues to be progressed including considerations for legal prosecution of non-compliant enterprises. This also requires a review of the Statistics Act which is also earmarked as one of the key activities of the NSDS.
- Strengthening the coordination and collaboration with other key stakeholders on national accounts is being progressed through resource sharing, networking, possible secondment arrangements identified within the scope of the NSDS.