



Solomon Islands Government

Statistical Bulletin: 8/2011

**GROSS DOMESTIC PRODUCT
2003 - 2009**

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INTRODUCTION

This publication presents the revised set of Gross Domestic Product (GDP) estimates from 2003 to 2009 incorporating the 2009 National Population and Housing Census results and related updates. The provisional 2009 Census results were officially published in April 2011 (Bulletin 06/2011). The total population growth rate was recorded at 2.3 percent per year between 1999 and 2009. This edition includes the census based data into the estimates, in particular, the growth rates of total population, urban or rural, and urban or rural number of households. This report revised the population growth rates based on the 2009 Census which showed a significantly lower population growth rate than was being used in the previous national accounts (GDP) estimates.

The revised figures follow similar methodologies applied in the previous publications (Bulletin 13/2007; Bulletin 16/2008; Bulletin 02/2011 including Erratum). Updates have also been made upon receipt of new data. On-going updates and revisions will be made in the future publications pending new data from sources such as the proposed Household Income and Expenditure Survey for 2011/2012, the business survey and data from other administrative sources.

The compilation of the GDP estimates follows the framework of the United Nations System of National Accounts (SNA). As stated in the previous edition, it is important to note that other government departments such as the Department of Finance and Treasury, and the Central Bank of Solomon Islands also compile main GDP aggregates on a more frequent basis for their own internal use such as budgetary and forecasting purposes. The Statistics Office is the central government agency for official statistics and is mandated to compile and disseminate GDP estimates without due influence from any other agency or person. However, the Statistics Office coordinates with other agencies with respect to data requirements.

Table A1 presents summary information on the provisional GDP and per-capita GDP estimates. As stated previously, a key feature of the GDP series is the significant contribution to growth induced by the Regional Assistance Mission to the Solomon Islands (RAMSI). Although recent data on RAMSI Participating Police Force (PPF) has been forthcoming, comprehensive information from the Development Budget on the whole of RAMSI and other donors' expenditure is insufficient to accurately estimate their contribution to GDP.

Tables 1 to 4 present the revised GDP and related aggregates from 2003 to 2009. Incorporating the revised population growth rates has reduced the annual growth rate of GDP in constant prices for most years by approximately 1% annually. The revisions to the GDP estimates from the previous figures are presented in Tables 1R and 2R respectively. Information on data issues and methodology are discussed in Appendix I.

The SISO acknowledges the support of the IMF's Pacific Financial Technical Assistance Centre.

Symbols used

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

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Table A1. Gross Domestic Product (GDP) and per capita GDP

GDP/Selected Aggregates	Current Prices							Constant 2004 Prices						
	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/
GDP in SI\$ million	2,358.8	2,720.8	3,233.9	3,585.4	3,949.1	4,712.3	4,815.0	2,517	2,721	3,070	3,193	3,397	3,639	3,466
Growth Rate in Percent (%)		15.3%	18.9%	10.9%	10.1%	19.3%	2.2%		8.1%	12.9%	4.0%	6.4%	7.1%	-4.7%
Per Capita GDP in SI\$	5,306.0	5,979.9	6,944.8	7,523.0	8,096.0	9,439.2	9,423.7	5,662	5,980	6,594	6,700	6,963	7,288	6,784
Growth Rate in Percent (%)		12.7%	16.1%	8.3%	7.6%	16.6%	-0.2%		5.6%	10.3%	1.6%	3.9%	4.7%	-6.9%
GDP in US\$ million	314.3	363.5	429.4	471.2	458.7	490.4	453.8	335	364	408	420	395	379	327
Growth Rate in Percent (%)		15.7%	18.1%	9.7%	-2.6%	6.9%	-7.5%		8.4%	12.2%	2.9%	-6.0%	-4.0%	-13.7%
Per Capita GDP in US\$	706.9	799.0	922.2	988.6	940.4	982.3	888.2	754	799	876	880	809	758	639
Growth Rate in Percent (%)		0.1	15.4%	7.2%	-4.9%	4.5%	-9.6%		5.9%	9.6%	0.6%	-8.1%	-6.2%	-15.7%
Household Final Consumption Expenditure	1,546.0	1,727.4	1,930.1	2,119.8	2,357.5	2,740.7	2,784.9	1,653	1,727	1,804	1,881	2,015	2,065	2,024
Per Capita HFCE in SI\$	3,477.8	3,796.7	4,144.8	4,447.7	4,946.5	5,750.6	5,843.3	3,719	3,797	3,874	3,947	4,130	4,137	3,962
Monthly Per Capita HFCE in SI\$	289.8	316.4	345.4	370.6	412.2	479.2	486.9	310	316	323	329	344	345	330
GDP excluding Development Budget	2,359	2,650	2,863	3,151	3,525	4,256	4,387	2,517	2,650	2,725	2,819	3,058	3,289	3,194
Growth Rate in Percent (%)		12.4%	8.0%	10.0%	11.9%	20.7%	3.1%		5.3%	2.8%	3.5%	8.5%	7.6%	-2.9%
Population (annual average)	444,546	454,981	465,662	476,593	487,781	499,232	510,951							
Official exchange rate (SI\$/US\$)	7.51	7.48	7.53	7.61	8.61	9.61	10.61							

r/ - revised estimates

p/ - preliminary estimates

Table 1. Gross Domestic Product (GDP) by Economic Activity - Current and Constant Price Values (SI\$ millions)

GDP/Economic Activity	Current Prices (SI\$ Millions)							Constant 2004 Prices (SI\$ Millions)						
	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/
AGRICULTURE, FISH, FOREST	862.0	959.9	967.8	1,048.9	1,050.7	1,352.1	1,407.9	903.7	959.9	938.4	973.7	1,005.6	1,138.8	1,061.2
Agriculture & Hunting	447.3	480.7	527.3	572.5	630.1	834.2	901.9	487.8	480.7	496.2	506.3	523.5	592.7	613.1
Forestry & Logging	242.1	280.6	294.5	298.6	245.2	372.9	353.4	213.8	280.6	258.9	261.3	294.7	328.7	238.3
Fishing	172.6	198.6	146.1	177.8	175.5	145.0	152.6	202.1	198.6	183.4	206.0	187.5	217.3	209.7
INDUSTRY	264.8	260.1	240.1	291.1	363.8	497.7	490.5	279.4	260.1	244.5	252.1	278.1	311.4	298.0
Mining & Quarrying	4.8	6.7	5.8	8.3	12.3	28.8	36.0	5.7	6.7	6.5	6.1	7.9	15.4	18.4
Manufacturing	156.1	175.6	165.2	182.9	230.1	283.0	280.1	174.6	175.6	159.5	163.1	176.7	189.5	176.7
Electricity & Water	43.5	45.5	21.1	44.1	46.6	82.3	71.2	45.2	45.5	42.9	43.6	48.8	49.7	48.5
Construction	60.5	32.3	48.0	55.8	74.8	103.7	103.3	54.0	32.3	35.6	39.3	44.8	56.7	54.4
SERVICES	1,176.2	1,439.8	1,977.6	2,223.9	2,511.3	2,837.0	2,886.3	1,272.8	1,439.8	1,855.7	1,946.3	2,087.8	2,160.2	2,076.7
Trade	211.3	311.9	374.1	363.8	388.2	402.4	420.5	268.7	311.9	324.9	329.5	369.8	388.5	360.4
Hotel & Restaurants	29.9	57.2	47.3	69.0	73.0	75.8	75.4	31.7	57.2	59.5	62.7	66.4	68.5	62.7
Transport & Storage	152.8	191.8	197.2	211.5	246.9	296.1	287.3	164.9	191.8	199.7	202.6	227.4	238.8	221.5
Communications	43.5	62.3	83.4	100.6	116.4	127.1	121.0	47.0	62.3	71.2	83.7	96.0	102.8	97.8
Financial Intermediation	24.1	36.6	77.6	113.0	146.0	199.1	171.0	25.8	36.6	83.3	97.2	116.7	110.3	113.2
Insurance Services	4.8	11.7	13.2	36.3	46.9	52.0	57.1	5.2	11.7	26.7	31.2	37.5	35.4	36.3
Real Estate & Renting	217.5	230.9	242.6	251.5	262.6	276.1	286.2	222.7	230.9	239.3	248.1	257.2	266.6	276.4
Owner Occupied Dwellings	89.8	96.4	104.3	127.8	133.9	141.2	146.8	92.0	96.4	99.7	114.1	118.6	123.3	128.2
Business Services	16.6	17.1	26.9	26.0	30.2	37.1	38.0	17.7	17.1	21.3	22.4	24.2	25.3	24.2
Public Administration & Defense	160.2	165.4	452.0	511.2	588.9	676.0	683.2	155.5	165.4	409.8	423.9	439.2	461.3	402.8
Education	86.2	102.2	149.3	163.2	202.9	242.6	273.9	92.3	102.2	134.2	134.4	145.1	155.3	158.7
Health	29.6	36.1	72.0	93.0	92.8	118.8	137.2	31.7	36.1	61.2	70.2	60.6	51.8	59.0
Other Services	109.9	120.1	137.7	156.8	182.6	192.7	188.6	117.7	120.1	124.8	126.3	129.3	132.3	135.4
Taxes on Products less Subsidies	71.3	82.4	84.5	87.7	108.7	120.5	134.5	76.1	82.4	80.6	78.0	93.4	92.8	96.6
Less Imputed Bank Charges	(15.6)	(21.4)	(36.1)	(66.2)	(85.5)	(94.9)	(104.2)	(15.1)	(21.4)	(48.8)	(57.0)	(68.3)	(64.6)	(66.3)
GROSS DOMESTIC PRODUCT	2,358.8	2,720.8	3,233.9	3,585.4	3,949.1	4,712.3	4,815.0	2,517.0	2,720.8	3,070.4	3,193.2	3,396.7	3,638.6	3,466.2
GDP Excluding Dev.Budget	2,358.8	2,650.3	2,863.5	3,151.0	3,525.2	4,256.4	4,386.9	2,517.0	2,650.3	2,725.2	2,819.4	3,057.8	3,288.8	3,193.9

r/ - revised estimates

p/ - preliminary estimates

Table 2. Gross Domestic Product (GDP) by Expenditure Share - Current and Constant Price Values (SI\$ millions)

GDP/Expenditure	Current Prices (SI\$ Millions)							Constant 2004 Prices (SI\$ Millions)						
	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/
Final Consumption Expenditure	2,204.6	2,591.9	3,329.0	3,708.3	4,171.0	4,768.2	4,847.9	2,341.7	2,591.9	3,090.3	3,242.5	3,485.4	3,596.0	3,474.1
Household Final Consumption Expenditure	1,546.0	1,727.4	1,930.1	2,119.8	2,357.5	2,740.7	2,784.9	1,653.2	1,727.4	1,803.8	1,881.0	2,014.6	2,065.5	2,024.2
Institutions Serving Households	133.9	135.5	156.3	180.1	180.8	193.8	187.3	143.3	135.5	139.2	143.0	146.9	151.0	155.1
Government Consumption Expenditure	524.6	729.0	1,242.7	1,408.5	1,632.8	1,833.8	1,875.8	545.2	729.0	1,147.3	1,218.5	1,323.9	1,379.6	1,294.7
Gross Fixed Capital Formation	219.5	290.7	517.7	559.5	707.8	863.6	873.8	232.4	290.7	497.5	485.0	602.3	687.6	601.1
Durable Equipment	122.4	194.2	339.0	354.2	475.3	549.6	556.4	130.9	194.2	333.0	303.3	395.5	425.5	349.6
Construction	97.0	96.5	178.7	205.3	232.5	314.1	317.5	101.5	96.5	164.5	181.7	206.8	262.1	251.5
Change in Inventories	7.2	38.4	39.0	40.9	47.2	54.8	56.2	8.0	38.4	38.4	39.3	43.8	47.5	44.5
Exports of Goods and Services	659.5	868.4	1,065.0	1,271.2	1,710.4	2,089.1	1,891.9	805.2	868.4	959.6	987.8	1,140.0	1,463.8	1,193.3
Merchandise, f.o.b.	500.1	641.0	753.1	867.7	1,259.2	1,631.4	1,328.6	634.8	641.0	678.5	662.8	785.2	1,128.6	793.3
Services	159.4	227.4	311.9	403.5	451.2	457.6	563.3	170.4	227.4	281.0	325.0	354.8	335.2	400.0
Less: Imports of Goods and Services	791.1	1,189.5	1,683.2	2,006.8	2,745.3	3,165.2	2,772.6	907.0	1,189.5	1,500.7	1,656.9	2,055.0	1,981.8	1,658.7
Merchandise, f.o.b.	676.6	1,019.5	1,408.8	1,489.3	2,004.9	2,267.1	1,926.6	775.7	1,019.5	1,256.1	1,229.6	1,500.8	1,419.4	1,152.6
Services	114.5	170.0	274.3	517.6	740.4	898.1	846.0	131.3	170.0	244.6	427.3	554.2	562.3	506.1
<i>Balance on External Goods and Services</i>	<i>(131.6)</i>	<i>(321.1)</i>	<i>(618.1)</i>	<i>(735.7)</i>	<i>(1,034.9)</i>	<i>(1,076.1)</i>	<i>(880.7)</i>	<i>(101.8)</i>	<i>(321.1)</i>	<i>(541.1)</i>	<i>(669.2)</i>	<i>(915.0)</i>	<i>(518.0)</i>	<i>(465.4)</i>
Statistical Discrepancy	59.2	120.7	(33.6)	12.3	57.9	101.8	(82.3)	36.7	120.7	(14.7)	95.6	180.1	(174.5)	(188.1)
GDP	2,358.8	2,720.8	3,233.9	3,585.4	3,949.1	4,712.3	4,815.0	2,517.0	2,720.8	3,070.4	3,193.2	3,396.7	3,638.6	3,466.2

r/ - revised estimates

p/ - preliminary estimates

Table 1R. Revisions to Gross Domestic Product (GDP) by Economic Activity - Current and Constant Price Values (SI\$ millions)

GDP/Economic Activity	Current Prices (SI\$ Millions)							Constant 2004 Prices (SI\$ Millions)						
	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/
AGRICULTURE, FISH, FOREST	(89.7)	(74.3)	(80.3)	(104.4)	(226.2)	(108.1)	(177.9)	(96.6)	(74.3)	(72.2)	(90.4)	(108.9)	(92.8)	(154.7)
Agriculture & Hunting	(84.3)	(66.7)	(58.0)	(76.2)	(93.4)	(66.5)	(110.6)	(91.9)	(66.7)	(55.3)	(67.6)	(80.6)	(54.5)	(74.4)
Forestry & Logging	(0.2)	(0.1)	(0.3)	(1.4)	(101.8)	(4.2)	15.9	0.9	(0.1)	0.0	(1.2)	(1.9)	(3.6)	(38.2)
Fishing	(5.2)	(7.4)	(22.0)	(26.8)	(31.0)	(37.3)	(83.2)	(5.5)	(7.4)	(16.9)	(21.7)	(26.4)	(34.8)	(42.1)
INDUSTRY	1.5	78.9	(25.5)	61.1	(19.8)	15.3	(23.9)	78.2	78.9	45.8	45.4	46.8	50.1	33.4
Mining & Quarrying	-	-	-	-	-	(0.1)	(0.2)	-	-	-	(0.1)	(0.1)	(0.1)	(0.2)
Manufacturing	(0.5)	78.0	(0.9)	69.1	(8.7)	(13.0)	(38.5)	75.9	78.0	54.4	54.4	57.1	60.9	45.1
Electricity & Water	-	-	(24.7)	(8.1)	(10.1)	30.7	17.7	-	-	(9.2)	(9.4)	(10.5)	(10.7)	(11.0)
Construction	2.1	0.9	0.1	0.1	(1.0)	(2.3)	(2.9)	2.2	0.9	0.7	0.4	0.2	(0.0)	(0.5)
SERVICES	(27.5)	(12.8)	(11.5)	(55.5)	(16.8)	76.1	86.0	(27.4)	(12.8)	(27.9)	(49.1)	(55.5)	(10.1)	(64.7)
Trade	(14.8)	(5.4)	(3.3)	(14.0)	(14.4)	(14.3)	(35.0)	(13.9)	(5.4)	(10.5)	(8.9)	(11.3)	(20.4)	(48.1)
Hotel & Restaurants	-	-	-	(1.1)	(1.2)	(2.0)	(5.1)	-	-	(1.4)	(1.0)	(1.2)	(2.2)	(5.6)
Transport & Storage	(8.8)	-	-	1.1	0.4	(5.8)	(28.2)	(9.5)	-	(2.9)	(1.9)	(3.0)	(8.2)	(25.3)
Communications	-	-	-	1.4	1.7	4.3	(0.5)	-	-	(1.0)	-	-	2.0	(1.8)
Financial Intermediation	-	-	-	-	-	37.1	(6.9)	-	-	-	-	-	-	-
Insurance Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Real Estate & Renting	2.1	1.1	-	(1.3)	(2.6)	(4.2)	(5.9)	2.1	1.1	-	(1.2)	(2.6)	(4.1)	(5.7)
Owner Occupied Dwellings	(7.6)	(9.4)	(12.4)	(13.3)	(12.7)	(12.1)	(11.3)	(7.8)	(9.4)	(11.3)	(11.8)	(11.2)	(10.6)	(9.8)
Business Services	-	-	-	(1.1)	(1.3)	(0.8)	(2.0)	-	-	(0.7)	(1.0)	(1.1)	(0.5)	(1.2)
Public Administration & Defense	-	-	3.1	(19.3)	27.1	85.3	160.2	-	-	-	(16.6)	(16.1)	41.9	36.2
Education	-	-	1.1	(1.7)	0.5	3.8	37.6	-	-	-	(1.5)	(1.7)	1.6	4.0
Health	-	-	(0.1)	(1.9)	(5.0)	(1.2)	1.1	-	-	-	(1.6)	(0.9)	0.1	5.6
Other Services	1.6	0.9	-	(4.5)	(9.2)	(14.0)	(18.1)	1.7	0.9	-	(3.6)	(6.5)	(9.6)	(13.0)
Taxes on Products less Subsidies	-	-	-	-	-	-	-	(1.2)	-	1.5	(0.1)	2.8	(1.0)	(2.8)
Less Imputed Bank Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GROSS DOMESTIC PRODUCT	(115.6)	(8.1)	(117.4)	(98.8)	(262.8)	(16.6)	(115.7)	(46.9)	(8.1)	(52.7)	(94.3)	(114.8)	(53.9)	(188.8)
GDP Excluding Dev.Budget	(115.6)	(8.1)	(117.4)	(76.0)	(240.5)	(25.6)	(176.4)	(46.9)	(8.1)	(52.7)	(74.6)	(97.0)	(99.2)	(227.4)

r/ - revised estimates

p/ - preliminary estimates

Table 2R. Revisions to Gross Domestic Product (GDP) by Expenditure Share - Current and Constant Price Values (SI\$ millions)

GDP/Expenditure	Current Prices (SI\$ Millions)							Constant 2004 Prices (SI\$ Millions)						
	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/
Final Consumption	(195.0)	(157.0)	(244.1)	(331.8)	(356.9)	(367.8)	(654.2)	(209.8)	(157.0)	(232.8)	(294.7)	(337.3)	(291.7)	(556.3)
Consumption Expenditure	(195.0)	(157.0)	(206.4)	(270.5)	(326.4)	(428.8)	(679.7)	(209.8)	(157.0)	(194.3)	(236.4)	(273.7)	(313.7)	(450.5)
Institutions Serving	-	-	-	-	(10.5)	(15.2)	(18.5)	-	-	(2.6)	(5.5)	(8.5)	(11.8)	(15.3)
Expenditure	-	-	(37.7)	(61.3)	(19.9)	76.2	44.0	-	-	(35.8)	(52.9)	(55.1)	33.8	(90.6)
Gross Fixed Capital	(8.2)	9.2	128.1	94.8	132.5	211.4	211.1	(8.0)	9.2	125.8	80.2	110.0	155.1	106.2
Durable Equipment	27.8	128.3	128.5	96.9	136.1	218.0	220.6	29.8	128.3	126.2	82.1	113.1	160.5	113.6
Construction	(36.1)	(119.1)	(0.4)	(2.2)	(3.5)	(6.6)	(9.5)	(37.8)	(119.1)	(0.4)	(1.9)	(3.1)	(5.4)	(7.5)
Change in Inventories	-	-	-	-	(6.5)	(7.6)	(11.2)	3.5	-	(2.5)	(2.5)	(3.2)	(4.3)	(7.5)
Exports of Goods and	-	-	-	-	-	-	(8.4)	1.1	-	(0.0)	(0.0)	(0.3)	190.2	67.2
Merchandise, f.o.b.	-	-	-	-	-	-	12.3	1.1	-	(0.0)	(0.0)	(0.3)	190.2	41.9
Services	-	-	-	-	-	-	(20.7)	-	-	-	-	-	-	25.3
Less: Imports of Goods and	-	-	-	-	-	-	(240.9)	19.6	-	(0.4)	50.8	61.9	(77.9)	(202.0)
Merchandise, f.o.b.	-	-	-	-	-	-	(250.0)	16.7	-	(0.4)	37.7	45.2	(55.8)	(155.2)
Services	-	-	-	-	-	-	9.1	2.8	-	(0.1)	13.1	16.7	(22.1)	(46.7)
<i>Balance on External Goods</i>	-	-	-	-	-	-	232.5	(18.4)	-	0.4	(50.8)	(62.2)	268.1	269.2
Statistical Discrepancy	87.6	139.8	(1.3)	138.2	(32.0)	147.4	106.1	185.8	139.8	56.3	173.6	177.9	(181.2)	(0.3)
GROSS DOMESTIC PRODUCT	(115.6)	(8.1)	(117.4)	(98.8)	(262.8)	(16.6)	(115.7)	(46.9)	(8.1)	(52.7)	(94.3)	(114.8)	(53.9)	(188.8)

r/ - revised estimates

p/ - preliminary estimates

Table 3 Manufacturing Value Added at Current and Constant 2004 Prices

Major Manufacturing Groups	Current Prices (SIS Millions)							Constant 2004 Prices (SIS Millions)						
	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/
Food manufacturing	69.3	72.7	71.2	77.7	104.9	125.3	117.8	80.7	72.7	66.6	67.6	79.9	81.2	70.4
Beverages & tobacco manufacturing	31.5	40.8	40.0	43.3	50.9	57.0	60.5	34.6	40.8	40.8	41.4	42.3	43.1	44.0
Wood products manufacturing	14.1	16.6	8.9	11.2	10.8	18.8	16.2	19.7	16.6	8.7	8.6	6.2	8.9	7.4
Printing and publishing	6.7	7.0	6.9	8.9	12.3	15.2	15.9	7.4	7.0	6.8	6.9	7.0	7.2	7.3
Chemicals and rubber manufacturing	3.4	7.1	7.0	7.4	9.3	11.8	11.1	3.8	7.1	6.8	7.4	8.5	10.8	10.3
Non-metallic products manufacturing	1.7	3.0	2.9	2.9	3.8	5.1	6.2	1.7	3.0	2.7	2.9	3.3	4.2	4.0
Metallic products manufacturing	5.2	6.7	6.5	7.3	9.2	13.3	14.0	5.7	6.7	6.0	6.6	7.5	9.5	9.1
Other manufacturing	24.7	22.4	21.9	24.2	29.0	36.5	38.2	21.8	22.4	21.1	21.7	22.0	24.6	24.2
Total Manufacturing	156.6	176.2	165.2	182.9	230.1	283.0	280.1	175.5	176.2	159.5	163.1	176.7	189.5	176.7

r/ - revised estimates

p/ - preliminary estimates

Table 4. Household Final Consumption Expenditure

Major Household Expenditure Groups	Current Prices (SIS Millions)							Constant 2004 Prices (SIS Millions)						
	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/	2003	2004	2005r/	2006r/	2007r/	2008p/	2009p/
Food	835	936	1,015	1,117	1,294	1,575	1,558	910	936	963	985	1,091	1,114	1,043
Beverages and tobacco	47	51	51	58	61	69	78	49	51	53	54	55	56	58
Clothing and footwear	29	31	32	37	40	41	45	30	31	32	32	33	34	35
Housing, water, electricity, gas and fuels	348	369	400	430	449	474	493	357	369	383	409	424	440	457
Furnishings, household equipment and routine maintenance	50	55	57	70	79	95	109	53	55	55	62	64	67	69
Health	34	37	42	49	52	53	55	36	37	38	39	40	41	42
Transport	68	100	151	178	189	221	237	74	100	130	144	148	151	155
Leisure, entertainment and culture	12	13	15	20	21	21	22	13	13	14	14	14	15	15
Education	68	75	86	90	92	99	90	74	75	77	79	81	83	85
Hotels, cafes and restaurants	15	16	18	20	21	27	30	16	16	17	17	18	18	19
Miscellaneous goods and services	40	43	62	51	60	67	69	42	43	44	45	46	47	48
Total HFCE	1,546	1,727	1,930	2,120	2,357	2,741	2,785	1,653	1,727	1,804	1,881	2,015	2,065	2,024

r/ - revised estimates

p/ - preliminary estimates

APPENDIX I. METHODOLOGICAL SUMMARY AND DATA SOURCES

Details of the revised GDP estimates by production and expenditure approaches follow similar methods discussed in the previous editions. Further information can be obtained from Bulletin 13/2007; Bulletin 16/2008; Bulletin 02/2011 (including Erratum). Hence, only a summary of the main data issues, limitations and data sources are discussed.

2009 POPULATION CENSUS

In 2009, the SISO conducted a National Population and Housing Census. The provisional results were officially published in April 2011 (Bulletin 06/2011). The total population growth rate was recorded at 2.3 percent per year between the 1999 and 2009. This figure is substantially lower than the annual 4.5% growth rate implied by the 2005/06 Household Income and Expenditure Survey (HIES) which was used in the previous national accounts (GDP) estimates. This publication incorporates the census based data into the estimates, which includes incorporating the various growth rates for total population, urban or rural population and urban or rural number of households.

Population growth rates are used as volume indicators in the compilation of the various components of the production measure of GDP. The population growth rates are also used in the household final consumption component of the expenditure measure.

The previously published national accounts estimates were based on population growth rates calculated between the 1999 Census and the 2005/06 HIES. Because the 2009 Census indicated a significantly lower population growth rate relative to growth rates from the past population censuses and the one implied by the HIES, it is important that the national accounts estimates be updated to incorporate the revised population growth rate, where necessary.

I. GDP BY PRODUCTION

No changes in methodology were made having followed similar methodology applied in the previous editions. Refer to past bulletins stated above for detailed information.

The revised population growth estimates from the 2009 Census were incorporated into the informal sector components of agriculture, fishing, forestry (firewood collection and dwelling construction), construction, retail trade, transport, ownership of owner-occupied dwellings, real estate services (rentals), non-profit institutions serving households (NPISHs), in education, health, and other services industries).

Updated data from a number of other sources were also incorporated. Actual business data for the Electricity and Water industry was obtained from business survey and data sourced from Inland Revenue (IRD) from 2005-2009. However, data from a number of essential sources have not yet been updated for a number of industries. Hence, the estimates included in this report are very provisional for the later years, particularly for 2009 which have an unacceptably large statistical discrepancy.

As stated in past editions and observed from Table A1, a predominant feature of growth in GDP is influenced by RAMSI. However, there is insufficient information on RAMSI and other donors' expenditure from the Development Budget to derive accurate estimates of their contribution to GDP.

Because there is significant doubt on the Development Budget's contribution to GDP, the values are shown explicitly in Table A1.

It is noted that the statistical discrepancy, the difference between GDP measured from the production and expenditure sides needs to be further reduced. Some adjustments were made to the estimates to improve the coherence of the estimates. Again, on-going efforts by the SISO are needed to improve source data and further reduce the discrepancy in forthcoming revisions.

Consideration for future methodology improvement would include investigating volume extrapolation methodologies for import duty (part of taxes less subsidies on products), i.e., extrapolate base year values by volume indicators for each major product to which tax is applied. Another consideration would include incorporating data from tax records for large enterprise for recent years for current price estimates, to be replaced by business survey data when available.

II. GDP BY EXPENDITURE

No changes in methodology were made. Refer to previous editions for detailed information on methodological and related issues.

The revised population growth estimates were incorporated into household final consumption expenditure and NPISH final consumption expenditure. An additional update was made to gross fixed capital formation including vehicles. Revised Balance of Payments (BOP) data from the CBSI were incorporated for 2009.

Government recurrent budget revenue and expenditure estimates were updated with actual data compiled in accordance with Government Finance Statistics (GFS) format. Government employment data for Health and Education were also updated. Volume data for Electricity generation was also updated using CBSI quarterly reports. Some adjustments were required to improve the reconciliation between production and expenditure measures.

Future areas for methodology improvements include development of more relevant price deflators for government intermediate consumption specific to public administration, police, health and education. Another consideration would be to refine the employment indicator used for the constant price estimate for government to analyze separately the industries in which government is involved. The method for provincial government estimates would need to be refined and more up to date and complete data obtained.

III. DATA SOURCES

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

- Business Surveys (SISO),
- Non-Profit Institutions Survey (SISO)
- Trade Statistics (SISO/Customs)
- Balance of Payments (CBSI)
- National Provident Fund Employment Data (SINPF)

- 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)