CHAPTER 1 CARIBBEAN COMMUNITY AGGREGATES

DATA HIGHLIGHTS CARIBBEAN COMMUNITY SELECTED ICT INDICATORS, 2000-2012

Fixed telephone subscriptions

- ✓ Between 2000-2012 the average annual rate of growth of telephone subscriptions for the region as a whole was **-0.94 percent**.
- ✓ Fixed telephone subscriptions declined from 10.51 percent per 100 inhabitants in 2000 to 8.21 percent per 100 inhabitants in 2012. With the exclusion of Haiti however the number of subscriptions in 2012 was 19.27 percent per 100 inhabitants as compared to 23.15 percent per 100 inhabitants in 2000.
- ✓ The highest rates in the region excluding Haiti were recorded in 2001 with 23.63 percent and the lowest was 18.77 percent in 2011. (Table 1.1.2 and 1.1.3)

Mobile cellular subscriptions

- ✓ Without Haiti's data, the region experienced over 100 percent growth in mobile subscriptions for the years spanning 2008-2012. Still excluding Haiti's data, the highest recorded penetration rate for the period was 121.53 percent in 2010 while the rate was 111.81 percent in 2012 indicating that there was approximately 21 mobile subscriptions and 12 mobile subscriptions respectively greater than the number of inhabitants residing in the country in these years.
- \checkmark The annual rate of growth of mobile cellular subscriptions was **27.0 percent** during the period 2000-2012.
- ✓ In 2000 approximately there were approximately 5 mobile phone subscriptions for every 100 persons, but by 2012, there were 81 mobile subscriptions for every 100 persons. (Table 1.1.2 and 1.1.3)

Internet users

✓ Currently half of the region's population³¹ are internet users. Between 2000-2012 the number of internet users grew annually at an average rate of 23.48 percent. There was an increase in the penetration rate from 4.89 percent in 2000 to 49.55 percent in 2012. (Table 1.1.2 and 1.1.3)

Overall the data shows the effects of Haiti's ICT infrastructure, access and usage of the internet on a per capita basis when included in the aggregates for the Caribbean Community. In all the indicators the rates for the region more than doubled at times when compared to those where Haiti was excluded.

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³¹ Excludes Haiti

TABLE 1.1.1 CARIBBEAN COMMUNITY SELECTED ICT STATISTICS BY CATEGORY, 2000-2012

Catagoni	Indicator			Υe	ar		
Category		2000	2001	2002	2003	2004	2005
Infrastructure and Access							
	Fixed telephone subscriptions	1,602,345	1,654,434	1,645,316	1,692,607	1,670,750	1,559,680
	Mobile cellular subscriptions	801,406	1,345,295	2,264,012	3,244,538	4,192,806	5,008,738
Quality							
•	Fixed broadband internet subscriptions	80	8,859	22,588	58,145	91,851	154,517
	Fixed Internet subscriptions	72,261	95,797	144,031	168,193	229,784	206,817
Usage							
	Number of Internet users	368,718	585,851	808,468	1,027,605	1,526,216	1,814,669

TABLE 1.1.2 CARIBBEAN COMMUNITY ANNUAL GROWTH RATES BY CATEGORY, 2000-2012

-					Year			
Category	Indicator	2000	2001	2002	2003	2004	2005	2006
Infrastructure and Access								
	Fixed telephone subscriptions	5.58	3.25	-0.55	2.87	-1.29	-6.65	3.01
	Mobile cellular subscriptions	158.60	67.87	68.29	43.31	29.23	19.46	39.11
Quality	Fixed broadband							
	internet subscriptions			154.97	157.42	57.97	68.23	38.27
	Fixed Internet subscriptions		32.57	50.35	16.78	36.62	10.00	27.81
Usage								
	Number of Internet users	56.77	58.89	38.00	27.11	48.52	18.90	14.16

TABLE 1.1.1 CARIBBEAN COMMUNITY SELECTED ICT STATISTICS BY CATEGORY, 2000-2012

			Year				Indicator
2006	2007	2008	2009	2010	2011	2012	Indicator
1,606,692	1,583,647	1,563,634	1,523,647	1,417,890	1,368,778	1,430,652	Fixed telephone subscriptions
6,967,789	9,155,848	10,538,116	11,563,308	12,570,267	12,357,993	14,063,123	Mobile cellular subscriptions
213,653 264,332	285,604 417,079	388,454 327,414	502,866 448,635	540,550 282,296	515,696 389,012	559,310 	Fixed broadband internet subscriptions Fixed Internet subscriptions
2,071,544	2,345,025	2,730,583	3,092,431	3,425,314	3,986,092	4,634,261	Number of Internet users

TABLE 1.1.2 CARIBBEAN COMMUNITY ANNUAL GROWTH RATES BY CATEGORY, 2000-2012

			Year					
2007	2008	2009	2010	2011	2012	2000- 2012	Indicator	Category
								Infrastructure and Access
-1.43	-1.26	-2.56	-6.94	-3.46	4.52	-0.94	Fixed telephone subscriptions	
31.40	15.10	9.73	8.71	-1.69	13.80	26.97	Mobile cellular subscriptions	
								Quality
33.68	36.01	29.45	7.49	-4.60	8.46		Fixed broadband internet subscriptions	
57.79	-21.50	37.02	-37.08	37.80			Fixed Internet subscriptions	
								Usage
13.20	16.44	13.25	10.76	16.37	16.26	23.48	Number of Internet users	

TABLE 1.1.3 CARIBBEAN COMMUNITY
SELECTED ICT STATISTICS BY CATEGORY, 2000-2012

Cotogony	Indicator					Year			
Category	Indicator		2000	2001	2002	2003	2004	2005	2006
Infrastructure and Access									
	Fixed telephone subscriptions per 100	Excl. Haiti	23.15	23.63	22.55	22.91	22.41	20.57	21.03
	inhabitants		10.51	10.71	10.51	10.68	10.42	9.61	9.79
	Mobile cellular subscriptions per 100	Excl. Haiti	11.36	18.93	31.61	43.30	55.71	65.79	83.93
	inhabitants		5.27	8.73	14.46	20.50	26.17	30.92	42.61
Quality									
	Fixed (wired) broadband	Excl. Haiti	0.00	0.26	0.43	0.99	1.51	2.25	3.46
	subscriptions per 100 inhabitants		0.00	0.26	0.43	0.99	1.51	2.25	3.46
	Fixed (wired) Internet subscriptions per 100	Excl. Haiti	2.27	2.96	3.89	4.01	5.11	6.85	5.31
	inhabitants		0.63	0.82	1.21	1.40	1.88	1.67	1.83
Usage									
	Internet users per 100 inhabitants	Excl. Haiti	4.89	7.95	11.65	14.13	16.49	18.97	23.31
	iiiiabilaiila		2.43	3.81	5.45	6.52	10.05	11.38	13.28

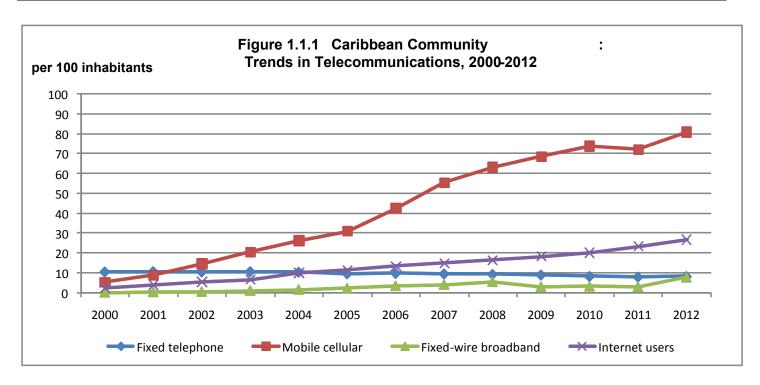
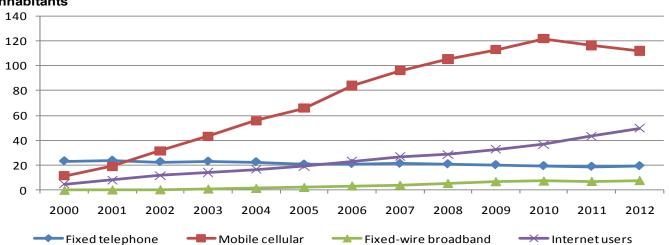
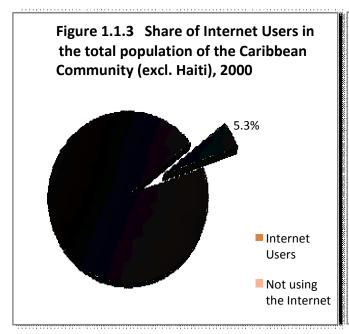


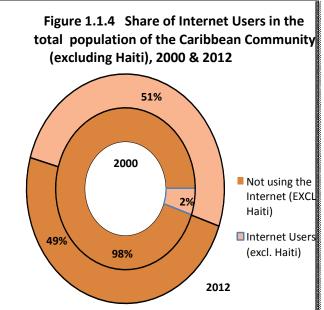
TABLE 1.1.3 CARIBBEAN COMMUNITY
SELECTED ICT STATISTICS BY CATEGORY, 2000-2012

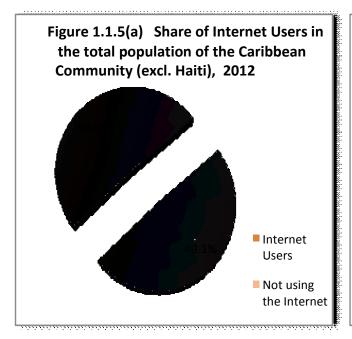
		Ye	ar				Indicator	Catagory
2007	2008	2009	2010	2011	2012		indicator	Category
								Infrastructure and Access
21.16	20.76	20.09	19.29	18.77	19.27	Excl. Haiti	Fixed telephone subscriptions per 100	
9.55	9.34	9.01	8.30	7.98	8.21		inhabitants	
95.95	105.19	112.84	121.53	116.13	111.81	Excl. Haiti	Mobile cellular subscriptions per 100	
55.34	63.06	68.51	73.75	72.07	80.90		inhabitants	
								Quality
4.10	5.54	6.91	7.39	7.10	7.80	Excl. Haiti	Fixed (wired) broadband	
4.10	5.54	2.97	3.16	3.01	7.80		subscriptions per 100 inhabitants	
6.08	6.59	8.51	11.23	9.37	0.00	Excl. Haiti	Fixed (wired) Internet subscriptions per 100	
2.81	2.23	2.96	2.26	3.09	0.00		inhabitants	
								Usage
26.82	28.63	32.70	36.71	43.20	49.55	Excl. Haiti	Internet users per 100	
14.87	16.36	18.32	20.10	23.28	26.70		inhabitants	

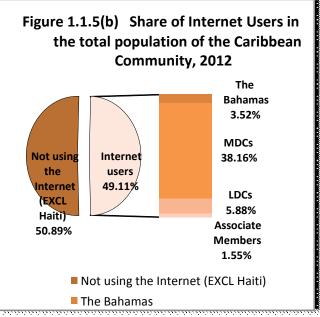
Figure 1.1.2 Caribbean Community (excl. Haiti) : per 100 Trends in Telecommunications, 2000-2012 inhabitants

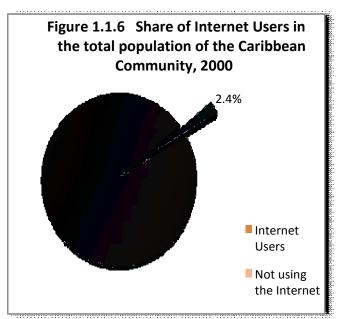


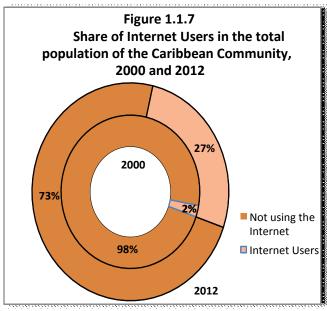


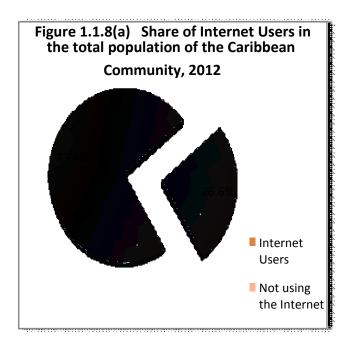


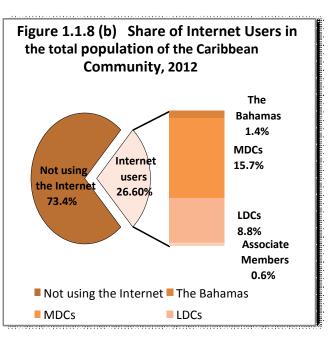


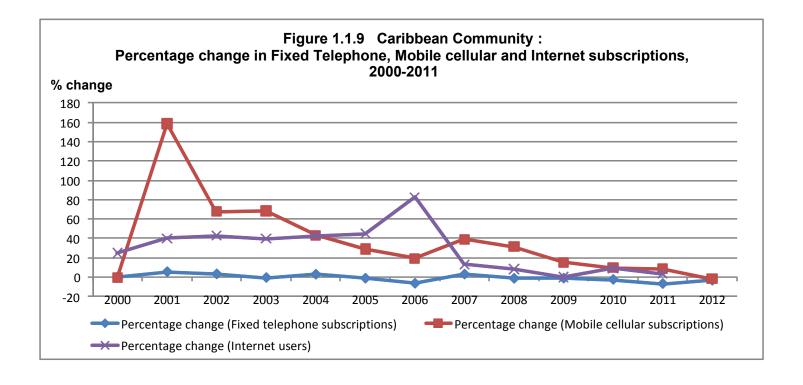


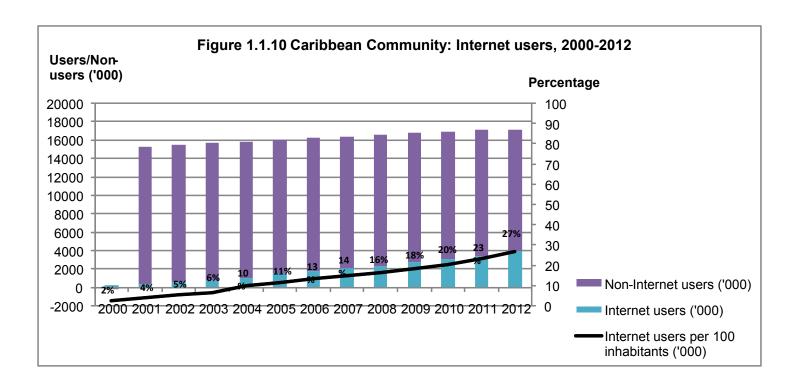












DATA HIGHLIGHTS CARIBBEAN COMMUNITY ECONOMIC CONTRIBUTION OF THE ICT SECTOR, 2000-2011

Trade in ICT goods

- ✓ Imports of ICT goods gradually increased over the period 2000-2008 moving from approximately \$US632Mn in 2000 to \$US1,069Mn in 2008 but declined to \$US 941Mn in 2011 accounting for 3.87 percent of total imports. Of the total imports, telecommunication equipment and computer and related equipment had the largest share accounting for 36 and 30 percent respectively in 2011.
- ✓ Imports of ICT goods by the Caribbean Community grew annually at an average rate of **3.69 percent** over the period 2000 to 2012 while total exports declined at an average rate of **-0.89 percent**. (Table 1.1.4), Figure 1.2.2 (b), Table 2.8.1.3 and 2.9.3)

Trade in ICT Services

✓ While imports in **Telecommunications, Computer and Information** services generally increased during the period, exports of these services declined. Imports grew at an average rate of **1.9 percent** moving from **\$US 119.7Mn** in 2000 to **\$US377.6Mn** in 2011 as compared to exports which contracted at annual average rate of **-3.9 percent** to finish at **\$US310Mn** in 2011 from a high of **\$US478.5Mn**.(Table 1.1.4; Table 2.13.1 and 2.13.2).

ICT Production of Post and Telecommunication Services³³

✓ Based on available data, while production of ICT services in the region grew at a rate of 1.47 percent moving from \$US 1.07 billion in 2000 to \$US 1.16 billion in 2012, its contribution to total GDP which generally remained under 4 percent, declined from approximately 3.31 percent to 2.05 percent over the same period.(Table 1.1.4 & 2.21.2)

³³ Data not available for the Barbados (2000-2012); Guyana(2000-2006); Suriname(2006-2012) and Trinidad and Tobago(2007-2012)

TABLE 1.1.4: CARIBBEAN COMMUNITY ECONOMIC CONTRIBUTION OF THE ICT SECTOR, 2000-2012

Indicators				Year			
Indicators	2000	2001	2002	2003	2004	2005	2006
Trade in ICT goods 1/							
Imports							
ICT goods (% Total)	5.90	6.72	7.63	6.76	6.44	5.42	5.77
ICT goods (Mn USD)	632.05	710.59	778.82	785.14	854.81	903.28	1,040.02
Telecommunication equipment	252.17	332.83	393.98	376.96	378.23	401.28	503.89
Computer and related equipment	201.61	205.19	205.61	214.68	205.86	258.55	290.28
Electronic components	33.41	32.72	31.89	30.22	31.72	35.68	35.82
Audio and video equipment	87.44	81.90	83.81	93.71	103.56	123.72	125.25
Other ICT goods	57.42	57.94	63.54	69.57	135.45	84.05	84.79
Exports							
Domestic Exports of ICT goods (% Total)	0.61	0.49	0.39	0.25	0.21	0.19	0.24
Domestic Exports of ICT goods (Mn USD)	40.30	31.63	20.45	18.25	18.91	23.16	40.98
Total Exports of ICT goods (% Total)	0.90	0.79	0.74	0.56	0.53	0.61	0.50
Total Exports of ICT goods (Mn USD)	62.16	53.48	40.99	42.46	48.77	76.52	89.77
Merchandise Trade Balance							
ICT Trade Balance (% Total)	14.87	17.10	15.77	18.60	20.08	20.55	445.50
ICT Trade Balance (Mn USD)	-569.89	-657.11	-737.83	-742.68	-806.04	-826.76	-950.25

Notes: 1/ Excludes data as follows:

2000-2012 - The Bahamas, Haiti and Associate Members

2001-2004; 2008 - Antigua and Barbuda 2012 - Suriname and Trinidad and Tobago

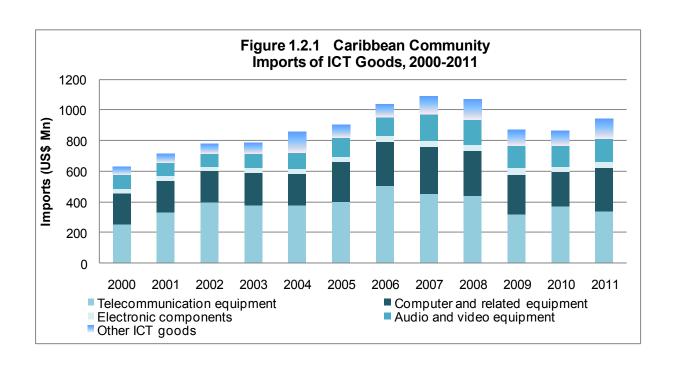
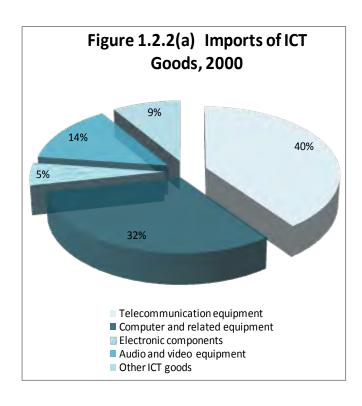


TABLE 1.1.4 (contd.): CARIBBEAN COMMUNITY ECONOMIC CONTRIBUTION OF THE ICT SECTOR, 2000-2012

		Υe	ar			Indicators
2007	2008	2009	2010	2011	2012	illuicators
						Trade in ICT goods 1/
						Imports
5.13	4.22	4.64	4.65	3.87	4.29	ICT goods (% Total)
1,088.04	1,068.93	871.27	864.92	941.29	565.46	ICT goods (Mn USD)
455.04	438.76	317.61	367.17	336.39	181.16	Telecommunication equipment
306.82	293.99	261.43	229.64	284.37	210.79	Computer and related equipment
36.28	40.99	40.78	33.69	38.88	30.53	Electronic components
172.71	163.03	145.35	135.70	148.51	92.95	Audio and video equipment
117.18	132.17	106.09	98.72	133.14	50.03	Other ICT goods
						Exports
0.23	0.17	0.34	0.27	0.27		Domestic Exports of ICT goods (% Total)
38.12	38.01	39.11	34.60	46.80	36.12	Domestic Exports of ICT goods (Mn USD)
0.89	0.30	0.86	0.44	0.45		Total Exports of ICT goods (% Total)
160.04	69.46	106.08	62.89	84.13	55.36	Total Exports of ICT goods (Mn USD)
						Merchandise Trade Balance
-28.58	-42.67	-12.01	-18.19	-15.43	-5.54	ICT Trade Balance (% Total)
-928.00	-999.47	-765.18	-802.03	-857.17	-510.10	ICT Trade Balance (Mn USD)



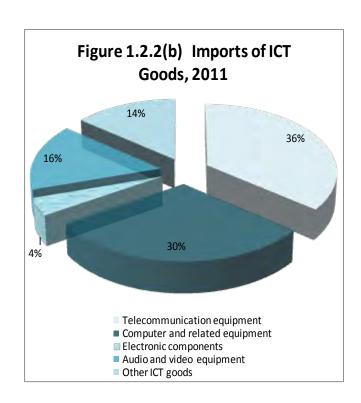
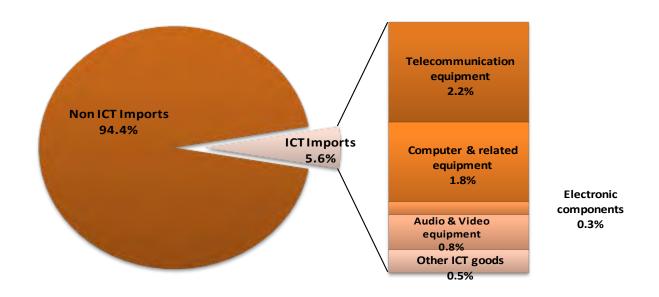
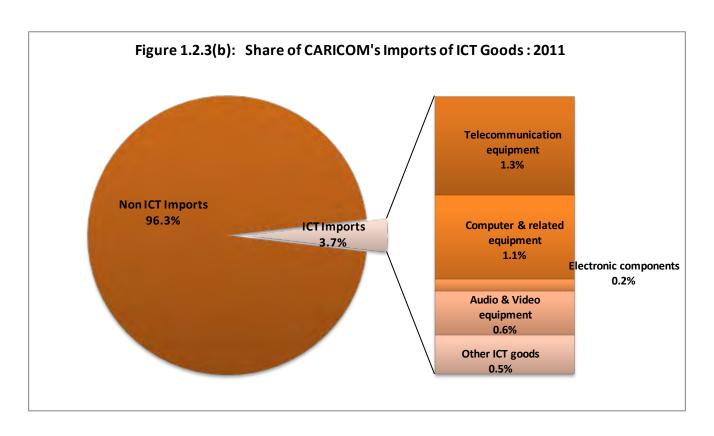
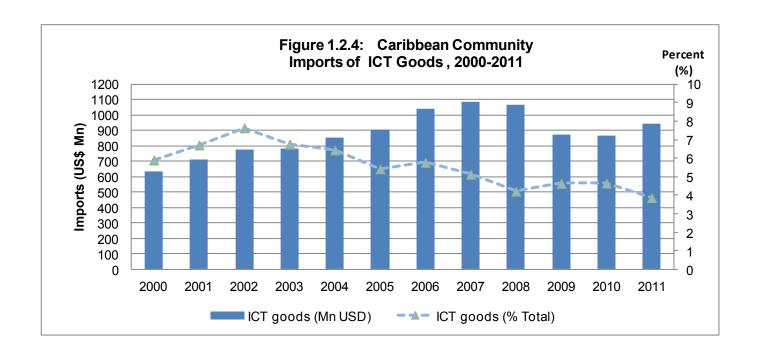
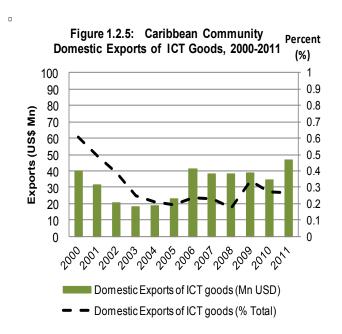


Figure 1.2.3(a): Share of CARICOM's Imports of ICT Goods: 2000









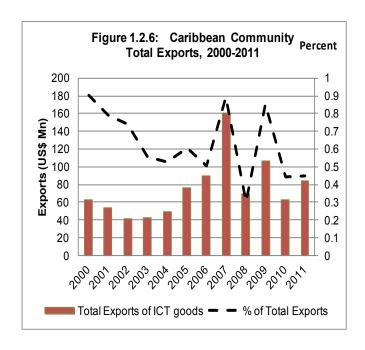


TABLE 1.1.4: CARIBBEAN COMMUNITY ECONOMIC CONTRIBUTION OF THE ICT SECTOR, 2000-2012

Indicators				Year			
Indicators	2000	2001	2002	2003	2004	2005	2006
Trade in ICT services 2/							
Imports							
ICT services (Mn USD)	119.69	112.18	149.70	133.91	199.41	157.98	196.32
ICT services (% Total)	2.73	2.54	3.30	2.89	3.92	2.99	2.82
Exports							
ICT services (Mn USD)	478.48	402.29	390.32	357.97	416.30	376.98	325.88
ICT services (% Total)	6.26	5.57	5.16	4.39	4.61	3.91	3.22
Net Services							
ICT Net Services (Mn USD)	358.79	290.10	240.62	224.06	216.89	219.00	129.56
ICT Net Services (% Total)	70.11	170.71	54.95	66.03	95.02	32.54	4.10
Trade in ICT goods and services 2/							
Imports							
Goods & Non factor services (Mn USD)	16,503.29	16,372.30	16,773.20	17,618.92	19,977.96	23,725.80	25,436.68
ICT Goods & services (Mn USD)	719.10	793.91	893.91	890.29	964.30	1,011.24	1,203.97
ICT Goods & services (% Total)	4.36	4.85	5.33	5.05	4.83	4.26	4.73
Exports							
Goods & Non factor services (Mn USD)	15,512.58	14,840.02	14,977.34	16,943.72	19,516.34	23,972.77	28,834.20
ICT Goods & services (Mn USD)	540.64	455.77	431.31	400.44	465.07	453.51	415.66
ICT Goods & services (% Total)	3.49	3.07	2.88	2.36	2.38	1.89	1.44

Notes: 2/ Excludes data as follows:

2000-2011 - The Bahamas, Haiti and Associate Members

2000-2010 - Suriname

2001-2004; 2008 - Antigua and Barbuda There was no data available for 2012

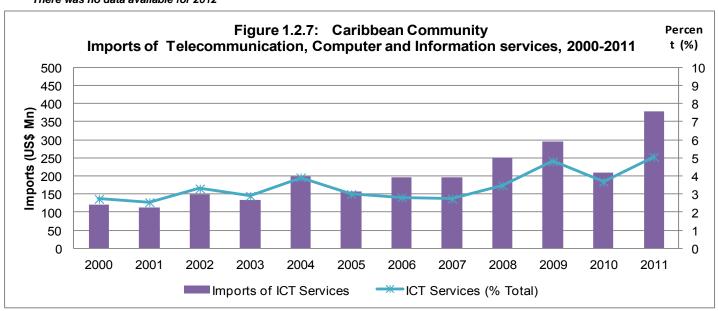


TABLE 1.1.4 (contd.): CARIBBEAN COMMUNITY ECONOMIC CONTRIBUTION OF THE ICT SECTOR, 2000-2012

		Υe	ar			Indicators
2007	2008	2009	2010	2011	2012	indicators
						Trade in ICT services
						Imports
194.87	251.28	296.25	210.37	377.63		ICT services (Mn USD)
2.74	3.47	4.81	3.68	5.06		ICT services (% Total)
						Exports
324.19	305.44	361.24	334.61	313.42		ICT services (Mn USD)
3.02	2.81	3.76	3.38	3.12		ICT services (% Total)
						Net Services
129.33	54.16	64.99	124.24	-64.20		ICT Net Services (Mn USD)
3.58	1.50	1.89	2.97	2.50		ICT Net Services (% Total)
						Trade in ICT goods and services
						Imports
29,334.11	34,917.93	18,789.05	19,889.30	20,588.96		Goods & Non factor services (Mn USD)
1,282.91	1,320.20	1,167.52	1,075.29	1,318.92		ICT Goods & services (Mn USD)
4.37	3.78	6.21	5.41	6.41		ICT Goods & services (% Total)
						Exports
30,420.29	35,446.85	14,331.18	15,564.93	13,842.81		Goods & Non factor services (Mn USD)
484.23	374.90	467.32	397.50	391.35		ICT Goods & services (Mn USD)
1.59	1.06	3.26	2.55	2.83		ICT Goods & services (% Total)

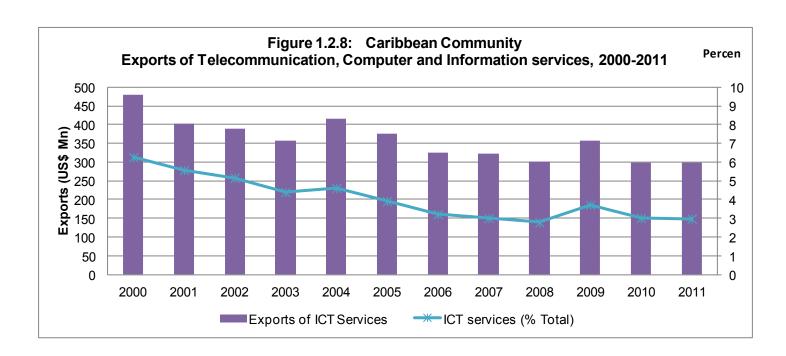


TABLE 1.1.4: CARIBBEAN COMMUNITY ECONOMIC CONTRIBUTION OF THE ICT SECTOR, 2000-2012

Indicators				Year	Year									
Indicators	2000	2001	2002	2003	2004	2005	2006							
Gross Domestic Product (GDP)														
GDP by expenditure current prices (Mn USD)	32,337.65	33,376.30	35,125.63	37,487.28	41,274.69	46,808.93	52,516.33							
Post & Telecommunications (Mn USD) 3/	1,069.33	1,174.85	1,356.79	1,323.26	1,405.18	1,530.24	1,348.49							
Post & Telecommunications (% GDP) 3/	3.31	3.52	3.86	3.53	3.40	3.27	2.57							
ICT Net Services (% GDP) 2/	1.11	0.87	0.69	0.60	0.53	0.47	0.25							
ICT Trade Balance (% GDP) 1/	1.76	1.97	2.10	1.98	1.95	1.77	1.81							
ICT Imports of Goods & services (% GDP) 2/	2.22	2.38	2.54	2.37	2.34	2.16	2.29							
ICT Exports of Goods & services (% GDP) 2/	1.67	1.37	1.23	1.07	1.13	0.97	0.79							
Growth Real GDP (Constant 2006 prices) (%)	2.97	1.33	3.36	5.81	3.99	3.81	7.30							
Annual Percentage Change														
ICT Trade balance (%) ^{1/}		15.31	12.28	0.66	8.53	2.57	14.94							
ICT Net services (%) 2/	-27.99	-19.14	-17.06	-6.88	-3.20	0.97	-40.84							
Post and Telecommunications (%) 3/	91.36	9.87	15.49	-2.47	6.19	8.90	-11.88							
Telephone subscriptions (%) 4/	31.53	24.79	30.32	26.29	18.76	12.02	30.54							
Total subscriptions ('000)	2,403.75	2,999.73	3,909.33	4,937.15	5,863.56	6,568.42	8,574.48							
Fixed telephone subscriptions ('000)	1,602.35	1,654.43	1,645.32	1,692.61	1,670.75	1,559.68	1,606.69							
Mobile cellular subscriptions ('000)	801.41	1,345.30	2,264.01	3,244.54	4,192.81	5,008.74	6,967.79							

Notes: ¹/Refer to Notes for Trade in Goods (page 12) for data that is excluded.

2006-2012 - Suriname

2007-2012 - Trinidad and Tobago

2005-2012 - Turks and Caicos Islands

^{2/}Refer to Notes for Trade in Services (page 16) for data that is excluded ^{3/} Excludes data as follows: 2000-2012 – Barbados 2000-2006 - Guyana

^{4/} Excludes data as follows: 2001-2006 - Montserrat 2011-2012 - Bermuda

TABLE 1.1.4: CARIBBEAN COMMUNITY ECONOMIC CONTRIBUTION OF THE ICT SECTOR, 2000-2012

		Ye	Indicators			
2007	2008	2009	2010	2011	2012	ilidicators
						Gross Domestic Product (GDP) 3/
58,394.77	66,578.42	56,053.46	59,375.44	63,782.19		GDP by expenditure current prices (Mn USD)
1,313.14	1,323.03	1,282.68	1,262.46	1,306.51	1,164.45	Post & Telecommunications (Mn USD)
2.25	1.99	2.29	2.13	2.05		Post & Telecommunications (% GDP)
0.22	0.08	0.11	0.15	-0.12		ICT Net Services (% GDP)
1.59	1.50	1.37	1.35	1.34		ICT Trade Balance (% GDP)
2.10	1.90	1.99	1.69	2.07		ICT Imports of Goods & services (% GDP)
0.83	0.56	0.83	0.61	0.60		ICT Exports of Goods & services (% GDP)
3.26	1.36	-3.61	0.10	-6.36		Growth Real GDP (Constant 2006 prices) (%)
						Annual Percentage Change
-2.34	7.70	-23.44	4.81	6.88		ICT Trade balance (%) ^{1/}
-1.59	-60.19	20.00	44.51	-189.76		ICT Net services (%) 2/
-2.62	0.75	-3.05	-1.58	3.49	-10.87	Telephone subscriptions (%) 4/
25.25	12.68	8.14	6.89	-1.87	12.87	Telephone subscriptions 4/
10,739.50	12,101.75	13,086.96	13,988.16	13,726.77	15,493.78	Total subscriptions ('000)
1,583.65	1,563.63	1,523.65	1,417.89	1,368.78	1,430.65	Fixed telephone subscriptions ('000)
9,155.85	10,538.12	11,563.31	12,570.27	12,357.99	14,063.12	Mobile cellular subscriptions ('000)

Fig.1.2.9 Share of CARICOM Member States Imports of ICT Services : 2000

Non ICT Exports of services 98.0%

ICT Services 2.0%

Computer and Information services 0.2%



