



Commonwealth of Dominica

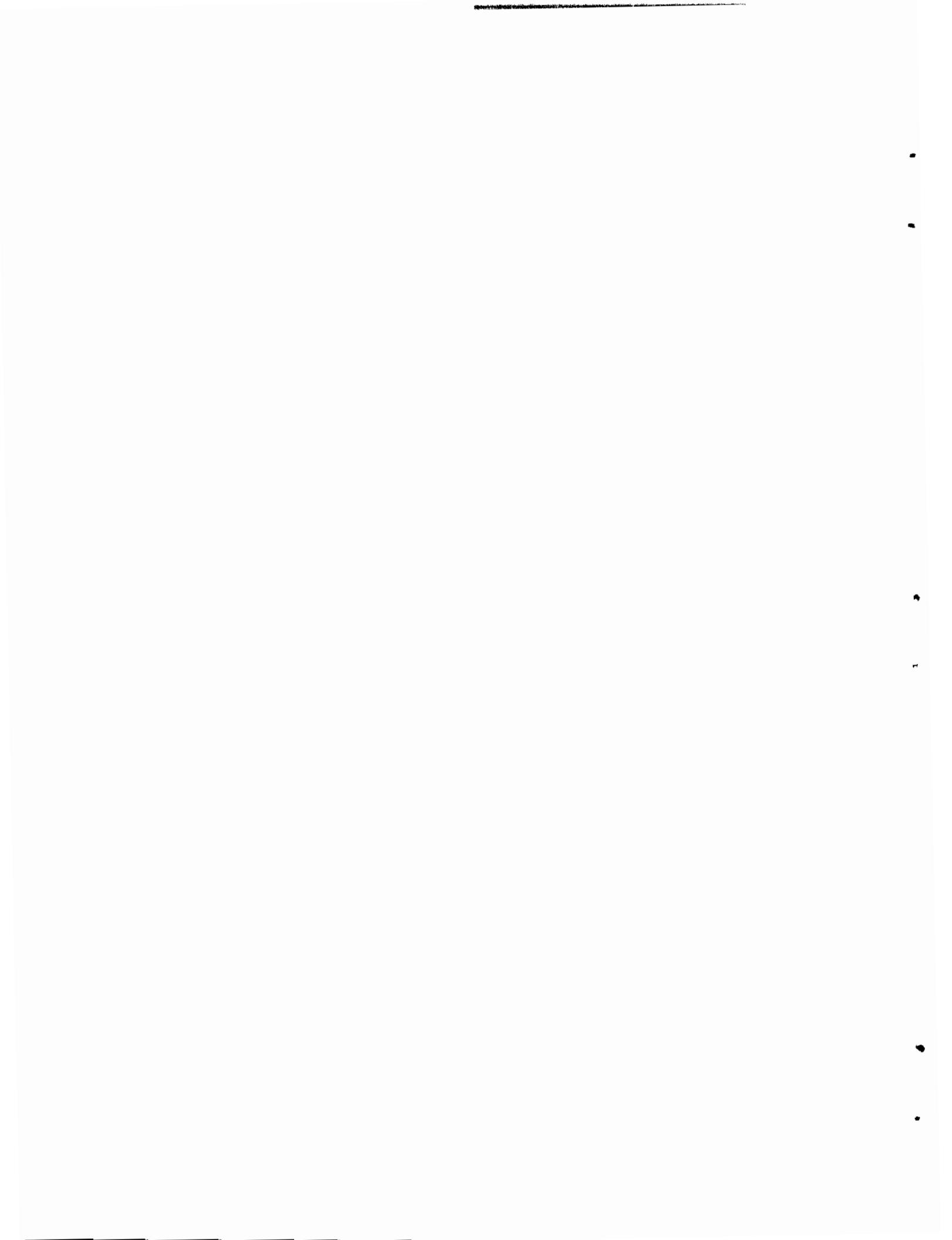
Environmental Report 2011

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PREFACE

This is the fourth issue of the Environmental Statistics Compendium for Dominica. The data have been collected from various sources, and represents the main environmental concerns of economists, natural resource managers and other decision-makers.

Some of the topics covered include Climate, Population, Biodiversity, Energy, Waste and Water.

The Environmental Statistics Compendium will be published on a two-year interval (from a previous three - year interval). Additional information will be included as it becomes available and slight changes may be made as necessary. New information on Tourist Intensity Growth Rates and Penetration Ratios are included in this issue.

The Central Statistical Office expresses great appreciation to all those who assisted in providing the relevant information for the compilation of this issue. Any comments and suggestions from users, which will improve future publications, will be welcomed.

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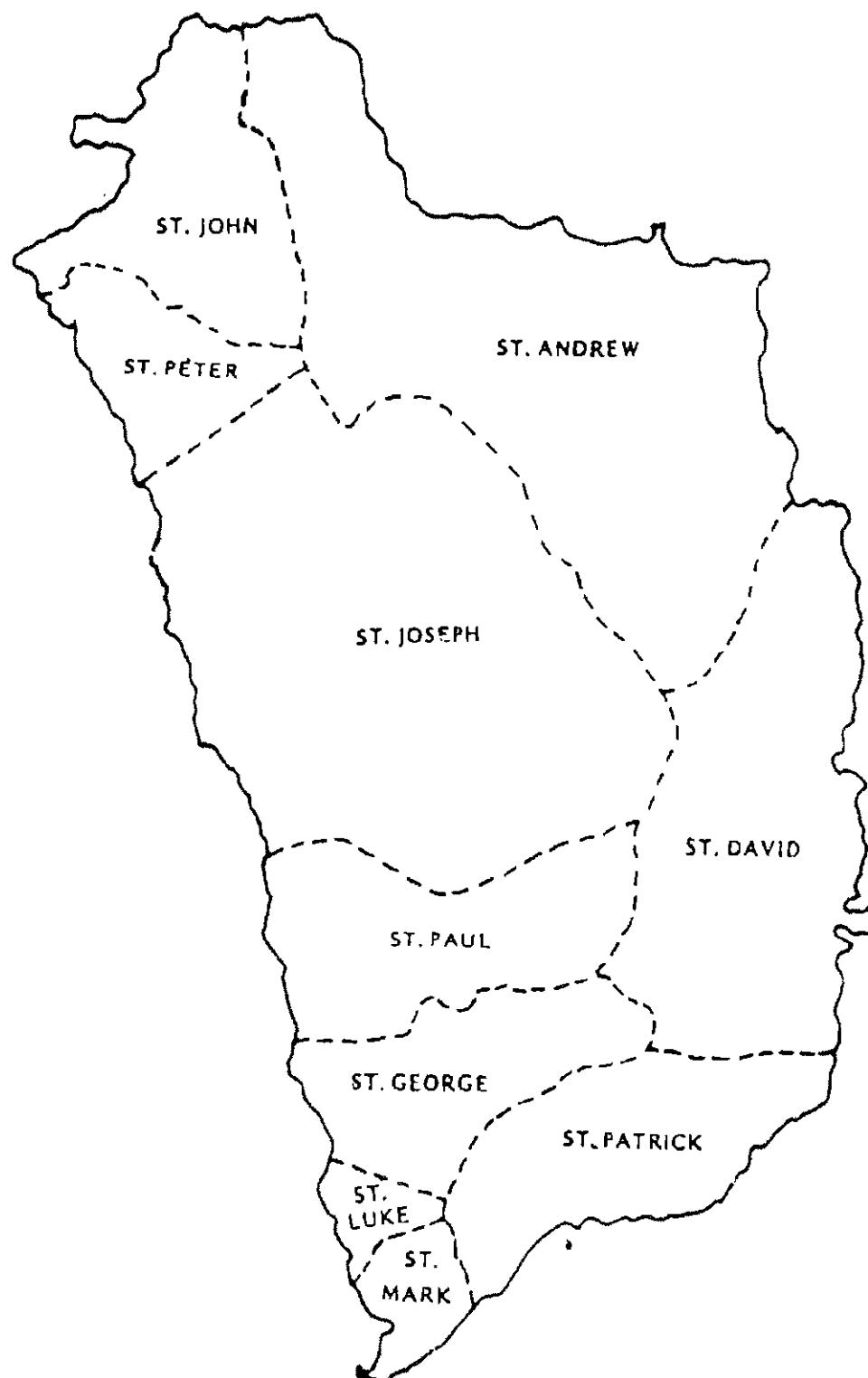
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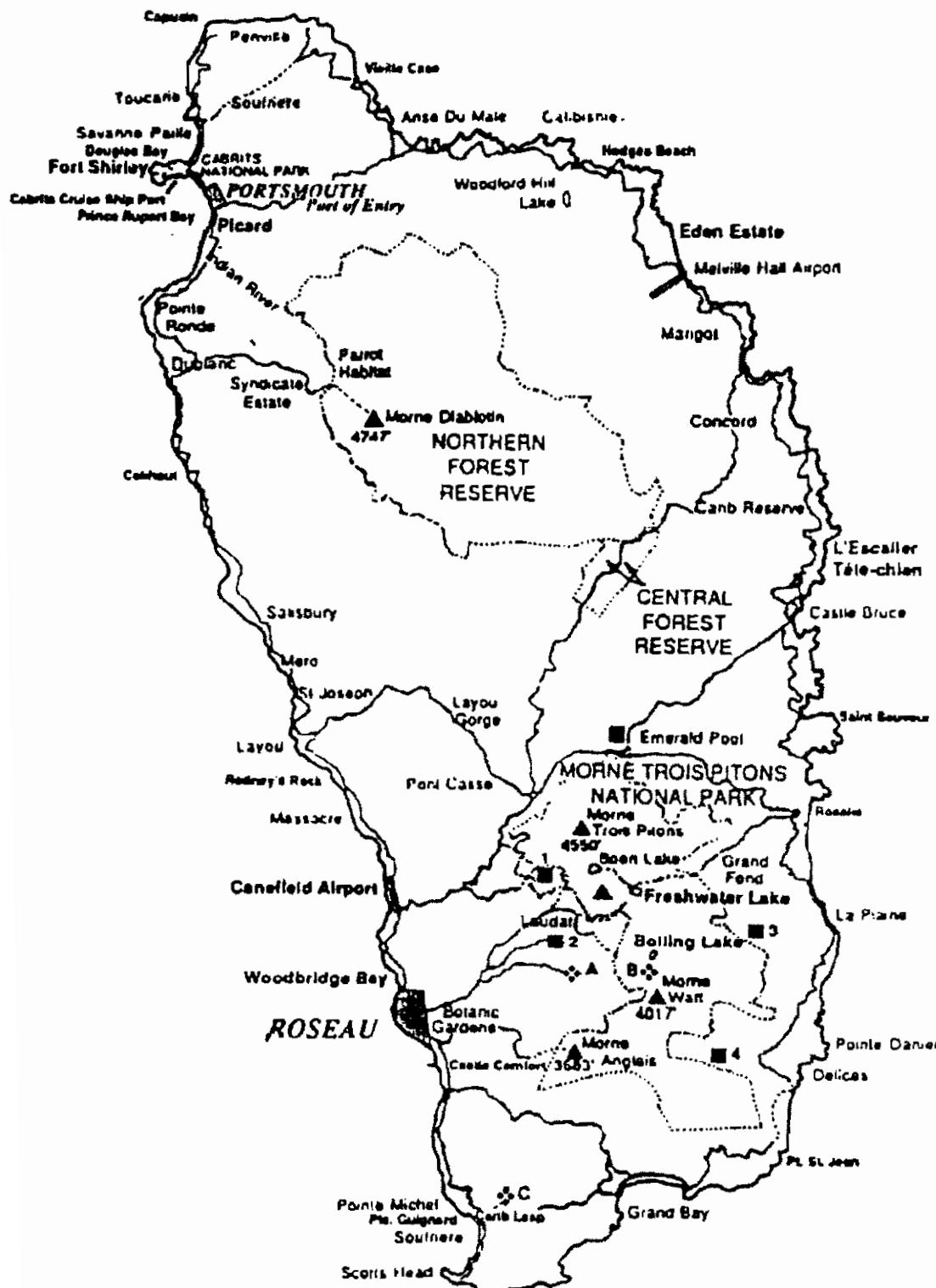
DOMINICA



Area 751 km²

Central Statistical Office

Guadeloupe Channel



Martinique Channel

Notes and Symbols

- 0 - Nil
- ... - Not available
- (e) - Estimates
- (p) - Preliminary
- % - Percentage

Conversion Table

Metric	to	Imperial
1 ha		2.4712 acres
1 km ² = 100 ha		0.3861 sq. miles
1 kg = 1000 g		2.2046 lbs.
1 tonne		0.9842 ton
1 ml		0.0352 oz = 0.0338 us. oz

Imperial	to	Metric
1 long ton		1.0161 tonnes (metric tons)
1 sq. mile = 640 acres		2.590 km
1 litre		2.113 pints = 1.76 us pint
1 gal = 1.2009 us. gal		4.5461 litres
1 us. gal		3.7854 litres

Unit of Measurement

- g - gram
- h - hour
- ha - hectare
- w - watt
- wh - watt-hour

Multiples of Units

- k - kilo
- h - hecto

ACRONYMS AND ABBREVIATIONS

CARICOM	-	Caribbean Community
OECS	-	Organization of Eastern Caribbean States
UNSD	-	United Nations Statistics Division
CSO	-	Central Statistical Office
MOA	-	Ministry of Agriculture
DOMLEC	-	Dominica Electricity Services Ltd.
DOWASCO	-	Dominica Water and Sewerage Company
ECU	-	Environmental Coordinating Unit
GDP	-	Gross Domestic Product
HCFCs	-	Hydro chlorofluorocarbons
ODS	-	Ozone Depleting Substance
CFCs	-	Chlorofluorocarbons

The Commonwealth of Dominica

Description and General Background

The Commonwealth of Dominica is the most northern and largest of the Eastern Caribbean's Windward Islands, situated between Latitude 15° 20 minutes North and Longitude 61° 22 minutes West. It lies between the French islands of Guadeloupe to the north and Martinique to the south. The island is 751 square kilometers (289.5sq miles). Dominica's climate is classified a humid tropical marine, characterized by little seasonal variation between the wet and dry season. Its pronounced high rainfall during the wet season contributes to its lush vegetation.

The island's topography is rugged with steep, luxuriant rain forest mountains, deep river-incised valleys and tree-covered hills that produce and sustain pristine rivers, perennial streams and tumbling mountain waterfalls. The island has great diversity of flora and fauna. The Morne Trois Pitons National Park (incorporating the central mountain range) is inscribed on the United Nations World Heritage List since 1998, based on the criteria of Outstanding Universal Value to Mankind, its natural aesthetic, rich bio-diversity and irreplaceable contribution to the understanding of science and natural landscape phenomena.

Dominica's relatively undisturbed and rugged landscape, extensive forest, pristine fresh and sea water and overall ecological system have contributed to Dominica's being acclaimed as "the Nature Island of the Caribbean". This label has impacted favorably in positioning Dominica's global choices as a tourist destination for nature lovers and environmental adventure seekers. The island is currently promoted and is in its developing stage as an eco-tourist destination.

The island is subdivided into ten parishes or population zones with capital city Roseau, located within the parish of St. George in the south-west. The city of Roseau recorded a non-institutional population of 14,725 in the 2011 Population and Housing Census.

The 2011 end of year population of 71,324 comprises mainly people of African descent (86.7 percent) and a population of indigenous Kalinago people, the survivors of the original or first

people of the Caribbean. The Kalinago occupy a demarcated area called the Kalinago Territory, on the northeast of Dominica.

Cruise ships call regularly registering a record 516, 820 passengers in 2010. Visitors increased by 7.0 percent from 2000 to 2010, reaching a total arrival of 77,301 in 2010. The three major markets are the Caribbean accounting for 56.0 percent of visitors, United States of America, 26.0 percent and Europe 13.0 percent.

Political and Economic Situation

Dominica attained political independence from England in 1978 and retains a political organization based on the British Parliament multi-party democracy. Dominica inherited its official language, English. However, partly due to historical influences, the majority of the population speak a patois "kweyol" composing of French linguistic structures.

Traditionally, Dominica's economy has been based on agriculture. Recent global and regional events have contributed to the declining dominance of agriculture in particular the cultivation of bananas. Agriculture (mainly bananas) contributed 15.4 percent of Gross Domestic Product in 2000 and an estimated 10.62 percent in 2010. Economically, Dominica pursues and sustains a free-market and liberal economy. The three main contributing sectors to the economy were Transport, Storage and Communication, 15.31 percent ; Education(private-offshore institutions), 14.30 and Wholesale and Retail Trade, 14.03 percent. Real Estate, Renting and Business Activities followed with 10.79 and Agriculture, 10.62 percent.

The rate of inflation as measured by the Annual Consumer Price Index recorded 1.82 percent increase in 2011.

CHAPTER 1 SOCIO-ECONOMIC BACKGROUND

**Table 1.1 Non-institutional Population at Census Dates
1946, 1960, 1970, 1981, 1991 and 2001**

	1946	1960	1970	1981	1991	2001
	9th April	7th April	7th April	7th April	12th April	12th May
Total	47,624	59,916	69,549	73,795	71,183	69,775
Male	22,277	28,167	32,968	36,754	35,471	35,109
Female	25,347	31,749	36,581	37,041	35,712	34,666

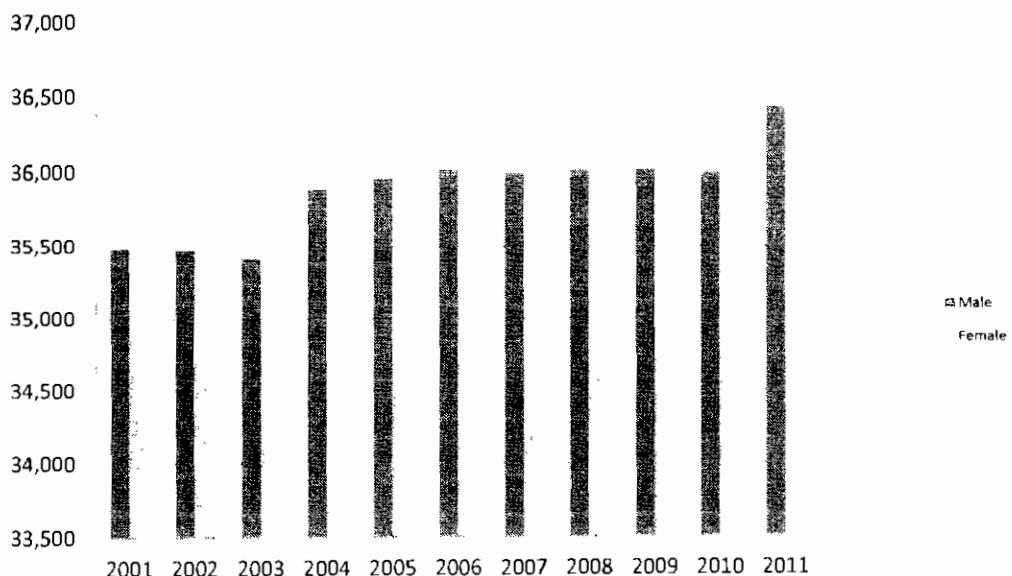
Source: Central Statistical Office

Table 1.2 Total End of Year Population Estimates by Sex 2001 - 2011

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	70,401	70,363	70,340	70,494	70,633	70,751	70,707	70,745	70,748	70,712	71,324
Male	35,482	35,474	35,409	35,881	35,952	36,012	35,990	36,009	36,011	35,992	36,427
Female	34,919	34,889	34,931	34,613	34,681	34,739	34,717	34,736	34,737	34,720	34,897

Source: Central Statistical Office

Chart 1. Total End of Year Population Estimates by Sex 2001 - 2011



**Table 1.3 Population By Parish
1981, 1991 and 2001**

Parish	1981	1991	2001	%CHANGE
				1991 - 2001
St. George	20,501	20,365	19,863	-2.47
City of Roseau	8,279	15,853	14,579	-8.04
Rest of St. Georg	12,222	4,512	5,284	17.11
St. John	5,412	4,990	5,322	6.65
St. Peter	1,601	1,643	1,448	-11.87
St. Joseph	6,606	6,183	5,770	-6.68
St. Paul	6,386	7,495	8,435	12.54
St. Luke	1,503	1,552	1,569	1.1
St. Mark	1,921	1,943	1,909	-1.75
St. Patrick	9,780	8,929	8,451	-5.35
St. David	7,337	6,977	6,758	-3.14
St. Andrew	12,748	11,106	10,250	-7.71
TOTAL	73,795	71,183	69,775	-1.98

Source: Central Statistical Office

From 1991 Census, the City of Roseau includes Fond Cole, Goodwill, St. Aroment, Bath Estate and Elmshall

**Table 1.4 Population Density By Land Area
1991 and 2001 Census**

Parish	Land Area (Km)	1991		2001	
		Population	Density	Population	Density
St. George	56.2	20,365	362	19,863	353
St. John	59.1	4,990	84	5,322	90
St. Peter	34.2	1,643	48	1,448	42
St. Joseph	118.4	6,183	52	5,770	49
St. Paul	66.4	7,495	113	8,435	127
St. Luke	10.8	1,552	144	1,569	145
St. Mark	13.5	1,943	144	1,909	141
St. Patrick	86.7	8,929	103	8,451	97
St. David	125.8	6,977	55	6,758	54
St. Andrew	179.9	11,106	62	10,250	57
TOTAL	751	71,183	95	69,775	93

Source: Central Statistical Office

**Table 1.5 Population Growth Rate
1946, 1960, 1970, 1981, 1991 and 2001**

Year	Population	Percentage Change	Intercensal Annual Rate of Change
1946	47,624	28.51	1.01
1960	59,916	25.81	1.65
1970	69,549	16.08	1.48
1981	73,795	6.11	0.55
1991	71,183	-3.54	-0.37
2001	69,775	-1.98	-0.21

Source: Central Statistical Office

Table 1.6 Life Expectancy 1995 - 2011

Period	Male	Female	Both Sexes
1995	71.80	74.78	73.29
1996	71.70	75.01	73.35
1997	71.98	75.42	73.65
1998	71.39	75.44	73.42
1999	70.99	75.11	73.05
2000	70.65	74.76	72.71
2001	70.92	74.86	72.89
2002	72.37	77.72	75.05
2003	71.45	77.90	74.68
2004	73.30	77.20	75.25
2005	72.36	78.10	75.23
2006	72.97	79.95	75.46
2007	71.45	77.62	74.54
2008	73.19	78.12	75.66
2009	72.4	76.37	74.38
2010	70.55	76.31	73.43
2011	70.79	76.28	73.40

Source: Central Statistical Office

**Table 1.7 Reported Cases of Environmentally-Related Diseases by Type
1999–2009**

Type of Diseases	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Gastroenteritis under 5	107	26	16	139	66	432	592	762	280	443	146
Typhoid	3	0	1	2	2	0	0	2	3	0	0
Malaria	0	1	1	0	0	0	0	0	0	1	0
Diarrhoea	8	5	2	17	19	10	13	5	n/a	n/a	n/a
Respiratory Diseases	0	0	0	31	0	351	268	774	2,700*	1,576	1726**
Dengue	1	37	1	0	0	4	14	66	109	80	0
Leptospirosis	0	0	0	2	2	4	6	4	2	2	1
Total	119	69	21	191	89	801	893	1,613	3,094	2,102	1,873

Source: Health Information Unit, Ministry of Health

Notes: For 2006 increase in cases of Gastroenteritis under 5 was due to an outbreak of Novo Virus

From 2004 increase in respiratory diseases was due to a vigilant syndromic surveillance

*2007: seasonal Influenza Outbreak

**2009: H1N1 Pandemic Influenza Outbreak

n/a : not applicable since all diarrheal cases are included in gastroenteritis cases

Malaria: in 2008 there was one imported case of malaria, no indigenous cases.

Table 1.7a Reported Cases of Environmentally Related Diseases By Type - 2010

Type of Diseases	2010
Gastro-enteritis under 5	510
Typhoid	0
Malaria	0
Diarrhea	1625
Acute Respiratory illnesses (ARI) for both <5 & >5 years age-group	1624
Dengue	*632
Leptospirosis	11
Influenza	18
Respiratory Syncytial Virus (RSV)	3
Tuberculosis (TB)	7
Step. Pneumoniae	4
Total	4,434

Source: Ministry of Health, Health Information Unit

Notes: Case definition of gastroenteritis: 3 loose stool (diarrhea) in 24 hrs period hence diarrhoea and gastroenteritis are the same

* Dengue Outbreak

Table 1.8 Population on Coast Line by Parish 2001

Parish	2001 Coast Line Population	Population	% Population
St. George	4,774	19,863	24.03
St. John	2,793	5,322	52.48
St. Peter	1,421	1,448	98.14
St. Joseph	2,369	5,770	41.06
St. Paul	6,508	8,435	77.15
St. Luke	1,569	1,569	100.00
St. Mark	1,746	1,909	91.46
St. Patrick	637	8,451	7.54
St. David	1,960	6,758	29.00
St. Andrew	2,186	10,250	21.33
Total	25,963	69,775	37.21

Source: Central Statistical Office

Chart 2 Population on Coast Line by Parish 2001

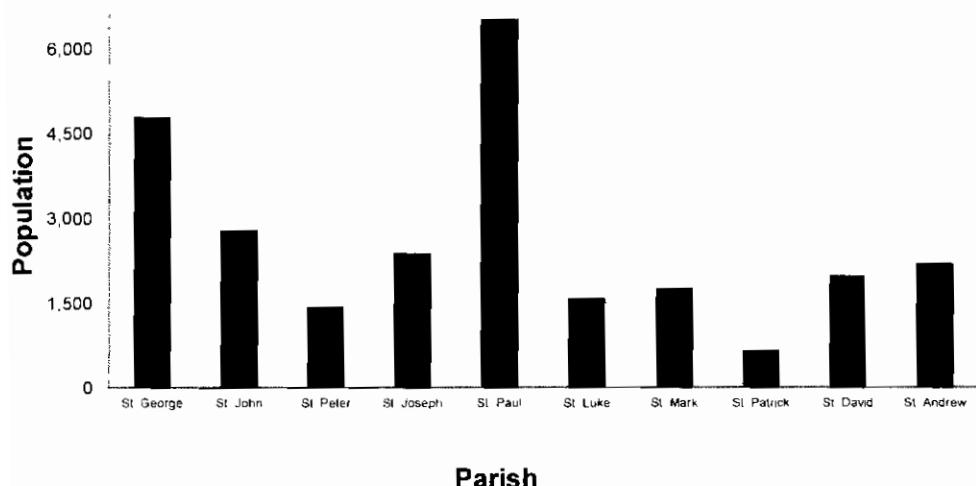


Table 1.8a Population on Coast Line by Sex and Age Group - 2001

AGE GROUP	PARISH																					
	City of Roseau		Rest of St. George		St. John		St. Peter		St. Joseph		St. Paul		St. Luke		St. Mark		St. Patrick		St. David		St. Andrew	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
0-4	156	141	29	31	122	124	46	55	87	85	296	273	67	71	69	63	20	23	83	102	98	107
5-9	175	198	44	32	162	134	62	64	112	128	362	322	80	74	79	67	33	25	124	104	126	124
10-14	180	157	34	26	130	131	71	56	110	132	304	317	67	77	81	81	26	32	108	110	118	91
15-19	192	215	27	35	117	138	75	63	109	106	332	306	75	67	72	79	37	33	106	85	80	97
20-24	172	146	29	32	104	98	47	31	82	55	217	230	66	62	64	51	15	17	60	51	69	50
25-29	155	150	30	35	110	112	66	43	80	68	236	273	66	70	69	82	22	16	75	61	82	73
30-34	151	166	33	27	106	105	56	49	105	78	284	321	49	59	72	67	29	25	89	78	96	75
35-39	137	178	26	37	104	96	55	42	88	89	236	233	60	42	53	62	33	18	85	41	104	68
40-44	133	115	27	21	87	84	45	34	92	68	203	215	44	53	58	50	18	14	63	54	74	55
45-49	112	125	17	17	71	56	45	43	65	55	159	181	36	35	54	37	26	11	44	42	72	53
50-54	66	99	16	11	48	68	31	28	54	43	136	138	35	38	31	50	12	10	34	26	43	45
55-59	55	61	15	14	50	39	29	30	45	42	86	119	27	26	42	37	21	10	34	27	41	35
60-64	47	77	6	16	42	49	15	27	33	53	104	112	19	27	19	32	10	10	30	27	33	47
65-69	43	85	10	14	56	47	27	22	35	49	95	88	31	27	25	45	11	10	33	39	38	49
70-74	47	69	12	13	37	35	20	27	37	43	50	68	15	20	25	28	10	11	32	28	28	30
75-79	24	54	9	12	24	31	14	19	16	22	40	57	14	20	20	27	10	11	16	19	15	23
80-84	24	48	1	10	15	30	15	31	17	30	18	36	9	6	9	20	10	7	10	15	12	12
85+	15	46	3	9	13	18	22	16	28	28	20	41	11	24	8	18	7	4	7	18	4	19
TOTAL	1884	2130	368	392	1398	1395	741	680	1195	1174	3178	3330	771	798	850	896	350	287	1033	927	1133	1053
GRAND TOTAL	4014		760		2793		1421		2369		6508		1569		1746		637		1960		2186	

Source: Central Statistical Office, 2001 Population Census

**Table 1.9 Gross Value Added by Economic Activity,
Constant Prices 2002 – 2011**

ECSM

Sector	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011 P
Agriculture, Livestock and Forestry	110.98	105.73	106.80	106.29	106.90	97.08	111.62	113.16	104.46	109.75
Crops	98.32	93.42	93.96	93.91	93.64	82.74	98.31	99.89	91.10	96.84
Bananas	21.68	16.24	19.86	18.05	18.26	8.27	13.79	12.07	10.99	13.53
Other Crops	76.64	77.18	74.10	75.85	75.38	74.48	84.52	87.82	80.11	83.32
Livestock	9.09	8.75	9.70	9.24	9.84	11.15	10.31	10.27	10.34	9.87
Forestry	3.57	3.56	3.15	3.14	3.42	3.18	2.99	3.01	3.03	3.04
Fishing	4.86	4.12	3.14	3.26	4.04	5.08	4.32	4.49	3.70	4.14
Mining & Quarrying	7.47	9.44	11.92	10.32	11.49	14.67	18.36	9.70	9.22	10.14
Manufacturing	36.26	39.70	42.49	41.40	43.62	41.86	36.75	36.78	35.26	33.16
Electricity and Water Supply	41.45	41.55	41.53	45.24	45.87	46.72	47.69	50.95	53.89	53.45
Electricity	34.00	33.20	33.62	35.50	36.25	36.66	37.13	39.35	42.08	42.61
Water	7.45	8.35	7.91	9.74	9.63	10.06	10.56	11.61	11.81	10.84
Construction	19.46	26.45	32.27	34.57	37.70	49.04	65.03	60.31	65.55	68.47
Wholesale & Retail Trade	98.50	100.89	107.92	103.24	98.17	114.83	132.36	138.61	138.67	137.25
Repair of Personal Household Goods	21.78	22.99	27.19	26.32	23.20	25.15	30.62	33.74	32.87	32.04
Distribution of Fuel and Fuel Products	9.26	10.88	11.96	13.53	15.07	19.72	26.43	22.70	22.73	23.41
Wholesale/Retail of other Goods	67.46	67.01	68.76	63.39	59.90	69.95	75.32	82.17	83.07	81.80
Hotels & Restaurants	17.38	16.31	17.17	16.76	18.28	18.29	18.58	17.82	17.92	19.01
Accommodation	6.76	7.82	9.37	9.47	9.50	9.04	9.17	7.77	7.73	8.64
Restaurants	10.61	8.49	7.81	7.29	8.77	9.25	9.41	10.06	10.19	10.37
Transport, Storage and Communications	106.56	106.08	113.88	125.51	135.51	146.81	158.37	148.66	146.95	150.71
Road Transport	34.10	36.13	38.95	45.16	48.22	51.74	55.22	56.04	56.72	57.29
Sea Transport	8.52	7.99	9.00	9.33	10.87	12.81	14.05	11.08	10.41	12.21
Air Transport	1.07	1.05	1.00	1.05	0.93	1.70	1.90	1.68	1.61	1.65
Auxiliary Transport Activities and Storage	11.88	10.86	12.37	13.31	14.93	17.30	19.10	15.19	14.19	15.22
Communications	50.99	50.05	52.54	56.65	60.55	63.26	68.10	64.67	64.01	64.35
Financial Intermediation	46.56	52.46	56.62	59.33	63.13	71.56	73.97	74.31	76.67	76.26
Banks	34.82	39.60	43.98	46.02	48.66	56.95	58.79	58.84	60.88	60.46
Auxiliary Financial Intermediation	1.12	1.24	1.28	1.16	1.28	1.24	1.12	1.03	1.24	1.20
Insurance	10.61	11.62	11.36	12.14	13.19	13.36	14.06	14.43	14.55	14.60
Real Estate, Renting and Business Activities	93.44	94.54	96.72	97.58	96.55	97.82	99.67	102.22	102.51	103.15
Owner-Occupied Dwellings	66.41	66.76	67.20	67.52	67.89	68.32	68.69	69.04	69.33	69.67
Real Estate	17.78	17.87	17.99	18.07	18.17	18.29	18.39	18.48	18.56	18.65
Renting of Machinery and Equipment	1.97	1.80	2.88	2.53	2.38	2.83	3.42	4.22	3.74	3.82
Computer and Related Services	1.19	1.13	1.20	1.24	1.26	1.37	1.36	1.39	1.40	1.43
Business Services	6.09	6.98	7.45	8.22	6.84	7.01	7.81	9.09	9.49	9.59
Public Administration, Defence and Social Services	80.86	84.61	79.22	74.90	76.45	77.83	75.77	80.09	81.94	86.86
Education	115.16	147.49	134.62	113.71	129.28	121.20	129.51	129.81	136.64	136.27
Public	40.54	42.37	39.46	37.39	35.52	37.29	37.57	37.48	38.86	36.16
Private	74.62	105.12	95.16	76.32	93.75	83.91	91.94	92.33	97.77	100.11
Health and Social Work	33.86	34.66	32.75	31.58	31.36	32.16	32.87	34.06	36.13	36.90
Public	29.56	30.06	28.06	26.74	26.75	27.64	28.34	29.36	30.88	31.84
Private	4.30	4.60	4.69	4.84	4.61	4.52	4.53	4.70	5.25	5.07
Other Community/Social/Personal Services	9.80	9.75	10.06	9.93	10.36	10.64	10.33	10.36	10.41	11.89
Public	0.84	0.94	1.01	1.10	1.30	1.16	1.16	1.16	1.16	1.49
Private	8.97	8.81	9.06	8.82	9.06	9.48	9.18	9.20	9.25	10.40
Private Households with Employed Persons	2.05	2.11	2.17	2.55	2.93	10.64	10.33	10.36	10.41	4.59
Less FISIM	34.91	37.12	43.57	45.19	50.15	53.18	53.11	55.84	58.71	59.17
GVA in Basic Prices	789.74	838.77	845.71	830.96	861.46	895.39	965.18	957.52	964.42	982.85
Growth Rate	(2.26)	6.21	0.83	(1.74)	3.67	3.94	7.79	(0.79)	0.72	1.91

Source Central Statistics Office

Note P- Preliminary

**Table 1.9a Gross Value Added by Economic Activity,
Current Prices 2002 – 2011**

EC\$M

Sector	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011 P
Agriculture, Livestock and Forestry	90.30	96.53	106.95	109.38	106.90	113.10	141.34	161.09	143.07	149.58
Crops	80.08	85.87	94.34	97.51	93.64	95.29	125.88	145.66	125.88	134.03
Bananas	18.39	13.96	18.28	15.35	18.26	9.65	18.56	16.59	18.56	14.27
Other Crops	61.69	71.91	76.06	82.16	75.38	85.64	107.32	129.07	107.32	119.76
Livestock	7.15	7.60	9.46	8.62	9.84	14.40	12.04	11.98	12.04	12.09
Forestry	3.06	3.05	3.15	3.25	3.42	3.41	3.42	3.44	3.42	3.46
Fishing	7.22	5.79	4.07	3.60	4.04	5.75	1.73	3.96	1.73	0.75
Mining & Quarrying	6.88	8.88	11.14	9.41	11.49	14.11	17.22	15.33	17.22	16.50
Manufacturing	78.03	48.66	45.81	39.30	43.62	39.54	29.14	30.62	38.03	31.49
Electricity and Water Supply	30.42	39.26	41.88	43.31	45.87	51.02	48.85	47.75	48.85	51.88
Electricity	20.84	29.72	32.10	33.75	36.25	35.91	37.72	37.02	37.72	40.42
Water	9.58	9.54	9.78	9.57	9.63	15.11	11.14	10.73	11.14	11.46
Construction	23.83	29.34	32.76	36.02	37.70	47.92	62.14	56.33	62.14	60.03
Wholesale & Retail Trade	90.89	94.42	102.05	100.61	98.17	112.00	142.50	151.66	142.31	159.06
Repair of Personal Household Goods	20.10	21.52	25.71	25.65	23.20	24.53	32.96	36.91	32.92	37.70
Distribution of Fuel and Fuel Products	8.54	10.18	11.31	13.18	15.07	19.24	28.45	24.84	28.42	26.08
Wholesale/Retail of other Goods	62.25	62.72	65.02	61.78	59.90	68.23	81.09	89.91	80.98	95.28
Hotels & Restaurants	17.75	16.30	17.55	14.98	18.28	18.67	19.24	20.00	19.24	21.27
Accommodation	9.39	9.49	9.44	9.76	9.50	9.48	9.67	9.74	9.67	10.27
Restaurants	8.36	6.80	8.11	5.22	8.77	9.19	9.57	10.26	9.57	11.00
Transport, Storage and Communications	93.77	85.72	116.20	119.82	135.51	136.67	144.39	185.30	144.12	151.60
Road Transport	34.43	35.98	42.84	44.99	48.22	47.34	48.53	78.15	48.53	62.92
Sea Transprot	10.85	9.69	10.70	9.85	10.87	10.08	12.34	13.16	12.34	11.23
Air Transport	0.66	0.79	0.76	0.83	0.93	0.96	1.25	1.23	1.25	1.12
Auxiliary Transport Activities and Storage	14.85	14.01	16.27	14.51	14.93	17.73	20.60	20.32	20.60	19.46
Communications	32.98	25.26	45.63	49.65	60.55	60.56	61.69	72.44	61.41	56.87
Financial Intermediation	56.82	58.64	59.25	57.49	63.13	75.54	78.61	77.17	78.61	73.21
Banks	46.27	46.73	47.49	46.08	48.66	56.78	60.68	60.51	60.68	56.50
Auxiliary Financial Intermediation	1.06	1.18	1.25	1.39	1.28	1.29	1.27	1.17	1.27	1.06
Insurance	9.49	10.73	10.50	10.02	13.19	17.47	16.66	15.49	16.66	15.63
Real Estate, Renting and Business Activities	92.47	93.76	96.30	97.42	96.55	97.89	100.69	103.26	100.69	103.82
Owner-Occupied Dwellings	66.33	66.70	67.20	67.52	67.89	68.19	68.76	69.13	18.41	69.41
Real Estate	17.75	17.85	17.99	18.07	18.17	18.25	18.41	18.50	68.76	18.58
Renting of Machinery and Equipment	1.68	1.62	2.82	2.61	2.38	2.79	3.45	4.12	3.45	3.53
Computer and Related Services	1.10	1.06	1.15	1.20	1.26	1.41	1.50	1.53	1.50	1.59
Business Services	5.62	6.53	7.14	8.01	6.84	7.23	8.58	9.98	8.58	10.72
Public Administration, Defence and Social Services	78.45	78.59	73.55	72.86	76.45	79.13	78.58	83.16	78.63	85.35
Education	107.83	136.19	127.84	109.43	129.28	125.15	140.72	141.24	140.72	152.52
Public	39.27	39.09	36.41	36.31	35.52	37.71	38.76	38.66	38.76	40.19
Private	68.56	97.10	91.43	73.11	93.75	87.44	101.96	102.58	101.96	112.33
Health and Social Work	32.72	32.06	30.31	30.54	31.36	32.62	34.00	35.29	34.00	37.53
Public	28.60	27.70	25.86	25.93	26.75	27.92	29.19	30.25	29.19	31.89
Private	4.12	4.36	4.46	4.61	4.61	4.70	4.80	5.05	4.80	5.64
Other Community/Social/Personal Services	9.07	9.50	10.64	9.64	10.36	10.94	11.07	11.09	11.07	11.59
Public	0.51	0.72	1.52	0.76	1.30	1.15	1.22	1.24	1.22	1.34
Private	8.55	8.78	9.12	8.88	9.06	9.79	9.85	9.86	9.85	10.25
Private Households with Employed Persons	1.94	2.00	2.06	2.49	2.93	2.99	3.07	3.03	3.07	3.12
Less FISIM	48.44	44.05	46.22	46.70	50.15	50.80	54.02	57.07	54.02	61.20
Gross Value Added at Basic Prices	769.96	791.58	832.13	809.61	861.46	912.23	999.28	1069.21	1007.17	1048.08
Taxes on Products	117.76	132.33	161.35	171.71	189.84	222.97	244.81	255.49	244.81	256.89
Less Subsidies on Products	4.90	3.82	2.71	5.00	4.50	4.50	4.70	4.72	4.70	4.77
GDP at Market Prices	882.82	920.09	990.77	976.32	1046.80	1130.70	1239.39	1319.98	1247.77	1300.20
Growth Rate Basic Prices	(1.59)	2.81	5.12	(2.71)	6.40	5.89	9.54	7.00	10.47	(1.98)
Growth Rate Market Prices	(1.20)	4.22	7.68	(1.46)	7.22	8.01	9.61	6.50	10.36	(1.50)
										0.31

Source Central Statistics Office

Note P- Preliminary

**Table 1.9b Percentage Contribution of Gross Value Added by Economic Activity,
Current Prices 2002 – 2011**

ECONOMIC ACTIVITY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011P
Agriculture, Livestock & Forestry	11.73	12.19	12.85	13.51	12.41	12.4	14.14	15.07	14.27	15.3
Crops	10.4	10.85	11.34	12.04	10.87	10.45	12.6	13.62	12.79	13.95
Bananas	2.39	1.76	2.2	1.9	2.12	1.06	1.86	1.55	1.36	1.8
Other Crops	8.01	9.08	9.14	10.15	8.75	9.39	10.74	12.07	11.43	12.15
Livestock	0.93	0.96	1.14	1.06	1.14	1.58	1.2	1.12	1.15	1.03
Forestry	0.4	0.39	0.38	0.4	0.4	0.37	0.34	0.32	0.33	0.33
Fishing	0.94	0.73	0.49	0.45	0.47	0.63	0.17	0.37	0.07	0.13
Mining & Quarrying	0.89	1.12	1.34	1.16	1.33	1.55	1.72	1.43	1.57	1.79
Manufacturing	10.13	6.15	5.5	4.85	5.06	4.33	2.92	2.86	3	2.79
Electricity & Water Supply	3.95	4.96	5.03	5.35	5.32	5.59	4.89	4.47	4.95	5.25
Electricity	2.71	3.75	3.86	4.17	4.21	3.94	3.77	3.46	3.86	4.16
Water	1.24	1.21	1.18	1.18	1.12	1.66	1.11	1	1.09	1.09
Construction	3.09	3.71	3.94	4.45	4.38	5.25	6.22	5.27	5.73	5.79
Wholesale & Retail Trade	11.8	11.93	12.26	12.43	11.4	12.28	14.26	14.18	15.18	14.41
Hotels & Restaurants	2.31	2.06	2.11	1.85	2.12	2.05	1.93	1.87	2.03	2.07
Accommodation	1.22	1.2	1.13	1.21	1.1	1.04	0.97	0.91	0.98	0.99
Restaurants	1.09	0.86	0.97	0.64	1.02	1.01	0.96	0.96	1.05	1.08
Transport, Storage & Communication	12.18	10.83	13.96	14.8	15.73	14.98	14.45	17.33	14.46	12.82
Road Transport	4.47	4.54	5.15	5.56	5.6	5.19	4.86	7.31	6	3.92
Sea Transport	1.41	1.22	1.29	1.22	1.26	1.11	1.23	1.23	1.07	1.24
Air Transport	0.09	0.1	0.09	0.1	0.11	0.1	0.12	0.12	0.11	0.1
Auxiliary Transport Activities & Storage	1.93	1.77	1.96	1.79	1.73	1.94	2.06	1.9	1.86	1.97
Communications	4.28	3.19	5.48	6.13	7.03	6.64	6.17	6.77	5.43	5.59
Financial Intermediation	7.38	7.41	7.12	7.1	7.33	8.28	7.87	7.22	6.98	6.57
Banks	6.01	5.9	5.71	5.69	5.65	6.22	6.07	5.66	5.39	4.95
Auxiliary Financial Intermediation	0.14	0.15	0.15	0.17	0.15	0.14	0.13	0.11	0.1	0.15
Insurance	1.23	1.36	1.26	1.24	1.53	1.91	1.67	1.45	1.49	1.47
Real Estate, Renting & Business Activities	12.01	11.84	11.57	12.03	11.21	10.73	10.08	9.66	9.91	9.87
Owner Occupied Dwellings	8.61	8.43	8.08	8.34	7.88	7.48	6.88	6.47	6.62	6.57
Real Estate Activities	2.31	2.26	2.16	2.23	2.11	2	1.84	1.73	1.77	1.76
Renting of Machinery & Equipment	0.22	0.2	0.34	0.32	0.28	0.31	0.35	0.39	0.34	0.34
Computer & Related Services	0.14	0.13	0.14	0.15	0.15	0.15	0.15	0.14	0.15	0.16
Business Services	0.73	0.83	0.86	0.99	0.79	0.79	0.86	0.93	1.02	1.04
Public Administration & Defence; Compulsory Education	10.19	9.93	8.84	9	8.87	8.67	7.86	7.78	8.14	8.78
Social Security	14.01	17.2	15.36	13.52	15.01	13.72	14.08	13.21	14.55	14.86
Education	5.1	4.94	4.38	4.49	4.12	4.13	3.88	3.62	3.83	3.62
Private	8.9	12.27	10.99	9.03	10.88	9.58	10.2	9.59	10.72	11.24
Health & Social Work	4.25	4.05	3.64	3.77	3.64	3.58	3.4	3.3	3.58	3.7
Public	3.71	3.5	3.11	3.2	3.11	3.06	2.92	2.83	3.04	3.18
Private	0.53	0.55	0.54	0.57	0.53	0.52	0.48	0.47	0.54	0.52
Other Community, Social & Personal Services	1.18	1.2	1.28	1.19	1.2	1.2	1.11	1.04	1.11	1.11
Private Households with Employed Persons	0.25	0.25	0.25	0.31	0.34	0.33	0.31	0.28	0.3	0.3
Less FISIM	6.29	5.56	5.55	5.77	5.82	5.57	5.41	5.34	5.84	5.54
TOTAL	100	100	100	100	100	100	100	100	100	100

**Table 1.9c Percentage Contribution of Gross Value Added by Economic Activity,
Constant Prices 2002 – 2011**

ECONOMIC ACTIVITY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011P
Agriculture, Livestock & Forestry	14.05	12.61	12.63	12.79	12.41	10.84	11.56	11.82	10.83	11.17
Crops	12.45	11.14	11.11	11.3	10.87	9.24	10.19	10.43	9.45	9.85
Bananas	2.75	1.94	2.35	2.17	2.12	0.92	1.43	1.26	1.14	1.38
Other Crops	9.7	9.2	8.76	9.13	8.75	8.32	8.76	9.17	8.31	8.48
Livestock	1.15	1.04	1.15	1.11	1.14	1.25	1.07	1.07	1.07	1
Forestry	0.45	0.42	0.37	0.38	0.4	0.36	0.31	0.31	0.31	0.31
Fishing	0.62	0.49	0.37	0.39	0.47	0.57	0.45	0.47	0.38	0.42
Mining & Quarrying	0.95	1.13	1.41	1.24	1.33	1.64	1.9	1.01	0.96	1.03
Manufacturing	4.59	4.73	5.02	4.98	5.06	4.68	3.81	3.74	3.66	3.37
Electricity & Water Supply	5.25	4.95	4.91	5.44	5.32	5.22	4.94	5.32	5.59	5.44
Electricity	4.31	3.96	3.98	4.27	4.21	4.09	3.85	4.11	4.36	4.34
Water	0.94	0.99	0.94	1.17	1.12	1.12	1.09	1.21	1.22	1.1
Construction	2.46	3.15	3.82	4.16	4.38	5.48	6.74	6.3	6.8	6.97
Wholesale & Retail Trade	12.47	12.03	12.76	12.42	11.4	12.82	13.71	14.48	14.38	13.96
Hotels & Restaurants	2.2	1.94	2.03	2.02	2.12	2.04	1.92	1.86	1.86	1.93
Accommodation	0.86	0.93	1.11	1.14	1.1	1.01	0.95	0.81	0.8	0.88
Restaurants	1.34	1.01	0.92	0.88	1.02	1.03	0.97	1.05	1.06	1.06
Transport, Storage & Communication	13.49	12.65	13.47	15.1	15.73	16.4	16.41	15.53	15.24	15.33
Road Transport	4.32	4.31	4.61	5.43	5.6	5.78	5.72	5.85	5.88	5.83
Sea Transport	1.08	0.95	1.06	1.12	1.26	1.43	1.46	1.16	1.08	1.24
Air Transport	0.14	0.13	0.12	0.13	0.11	0.19	0.2	0.18	0.17	0.17
Auxiliary Transport Activities & Storage	1.5	1.29	1.46	1.6	1.73	1.93	1.98	1.59	1.47	1.55
Communications	6.46	5.97	6.21	6.82	7.03	7.06	7.06	6.75	6.64	6.55
Financial Intermediation	5.9	6.25	6.7	7.14	7.33	7.99	7.66	7.76	7.95	7.76
Banks	4.41	4.72	5.2	5.54	5.65	6.36	6.09	6.15	6.31	6.15
Auxiliary Financial Intermediation	0.14	0.15	0.15	0.14	0.15	0.14	0.12	0.11	0.13	0.12
Insurance	1.34	1.39	1.34	1.46	1.53	1.49	1.46	1.51	1.51	1.49
Real Estate, Renting & Business Activities	11.83	11.27	11.44	11.74	11.21	10.92	10.33	10.68	10.63	10.5
Owner Occupied Dwellings	8.41	7.96	7.95	8.13	7.88	7.63	7.12	7.21	7.19	7.09
Real Estate Activities	2.25	2.13	2.13	2.18	2.11	2.04	1.91	1.93	1.92	1.9
Renting of Machinery & Equipment	0.25	0.21	0.34	0.3	0.28	0.32	0.35	0.44	0.39	0.39
Computer & Related Services	0.15	0.13	0.14	0.15	0.15	0.15	0.14	0.15	0.15	0.15
Business Services	0.77	0.83	0.88	0.99	0.79	0.78	0.81	0.95	0.98	0.98
Public Administration & Defence; Compulsory Social Security	10.24	10.09	9.37	9.01	8.87	8.69	7.85	8.36	8.5	8.84
Education	14.58	17.58	15.92	13.68	15.01	13.54	13.42	13.56	14.17	13.87
Public	5.13	5.05	4.67	4.5	4.12	4.16	3.89	3.91	4.03	3.68
Private	9.45	12.53	11.25	9.19	10.88	9.37	9.53	9.64	10.14	10.19
Health & Social Work	4.29	4.13	3.87	3.8	3.64	3.59	3.41	3.56	3.75	3.75
Public	3.74	3.58	3.32	3.22	3.11	3.09	2.94	3.07	3.2	3.24
Private	0.54	0.55	0.55	0.58	0.53	0.5	0.47	0.49	0.54	0.52
Other Community, Social & Personal Services	1.24	1.16	1.19	1.19	1.2	1.19	1.07	1.08	1.08	1.21
Private Households with Employed Persons	0.26	0.25	0.26	0.31	0.34	0.33	0.32	0.32	0.33	0.47
Less FISIM	4.42	4.43	5.15	5.44	5.82	5.94	5.5	5.83	6.09	6.02
TOTAL	100	100	100	100	100	100	100	100	100	100

CHAPTER 2 CLIMATE & AIR

**Table 2.1 Mean Annual Air Temperature, Relative Humidity and Rainfall
2001–2011**

Year	Mean Annual Air Temperature (°C)		Total Rainfall (mm)	Average Relative Humidity
	Maximum	Minimum		%
2001	29.5	25.1	1,940	75
2002	29.7	25.1	1,927	75
2003	29.6	24.6	2,100	71
2004	29.6	24.4	2,692	72
2005	30.6	24.1	1,949	72
2006	30.8	23.2	1,741	70
2007	30.7	23.4	1,924	69
2008	29.9	23.3	1,972	68
2009	30.4	23.4	2,075	68
2010	31.0	23.3	2,450	69
2011	30.8	23.3	3,199	71

Source: Meteorological Office, Canefield and Melville Hall Airport

**Table 2.1a. Mean Annual Air Temperature, Relative Humidity and Rainfall
2001-2011
Melville Hall Airport**

Year	Mean Annual Air Temperature (°C)		Total Rainfall (mm)	Average Relative Humidity
	Maximum	Minimum		%
2001	29.5	25.1	2,356	76
2002	29.2	25.0	2,378	76
2003	29.1	24.3	2,586	75
2004	29.7	24.2	3,337	75
2005	30.4	23.9	2,338	76
2006	30.3	23.7	2,172	76
2007	30.1	23.7	2,176	74
2008	29.5	23.5	2,430	72
2009	29.9	23.7	2,591	74
2010	33.6	23.6	3,037	73
2011	30.2	23.4	3,938	75

Source: Meteorological Office, Melville Hall Airport,

**Table 2.1b Mean Annual Air Temperature, Relative Humidity and Rainfall
2001-2011
Canefield Airport**

Year	Mean Annual Air Temperature (oC)		Total Rainfall (mm)	Average Relative Humidity %
	Maximum	Minimum		
2001	29.5	25.2	1,523	75
2002	30.2	25.2	1,476	75
2003	30.2	24.9	1,615	67
2004	29.6	24.6	2,047	69
2005	30.8	24.3	1,559	68
2006	31.4	22.7	1,311	63
2007	31.3	23.1	1,672	63
2008	30.3	23.0	1,513	64
2009	30.9	23.0	1,559	62
2010	28.4	23.1	1,868	64
2011	30.8	23.1	2,459	67

Source: Meteorological Office, Canefield Airport

**Table 2.1c Sunshine Duration Hours
2001- 2011**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Avg
2001	224.1	203.0	279.6	261.9	292.4	216.7	228.0	249.7	263.0	181.6	239.7	137.3	231.4
2002	193.0	189.3	252.5	214.5	225.9	251.1	228.0	273.0	230.6	243.5	222.5	235.1	229.9
2003	237.1	219.6	281.2	259.7	264.2	187.5	216.9	172.0*	126.7	218.9	169.2	217.5	...
2004	206.1	221.8	204.4	269.9	178.2	228.3	229.8	292.7	238.0	195.0	131.0	197.9	216.1
2005	191.0	165.0	261.8	278.8	235.0	210.3	245.7	287.1	247.8	201.8	197.8	217.1	228.3
2006	**148.5	**93.4	251.7	**204.4	276.5	**70.4	...	**188.0	256.6	227.0	241.1	190.1	...
2007	217.8	227.8	237.6	251.7	316.7	271.9	256.2	234.9	244.4	207.0	228.3	226.7	243.4
2008	215.0	213.6	212.9	239.8	289.2	258.4	255.2	248.1	194.6	210.1	201.1	74.5	217.7
2009	...	...	...	...	...	...	...	...	...	...	*96.3	235.8	...
2010	234.4	259.7	270.7	191.5	237.2	244.4	235.0	247.8	216.2	215.4	157.5	182.9	224.4
2011	189.8	210.8	217.5	208.8	167.6	233.3	224.1	216.2	224.8	231.7	197.8	153.7	206.3

Source: Meteorological Office, Melville Hall Airport

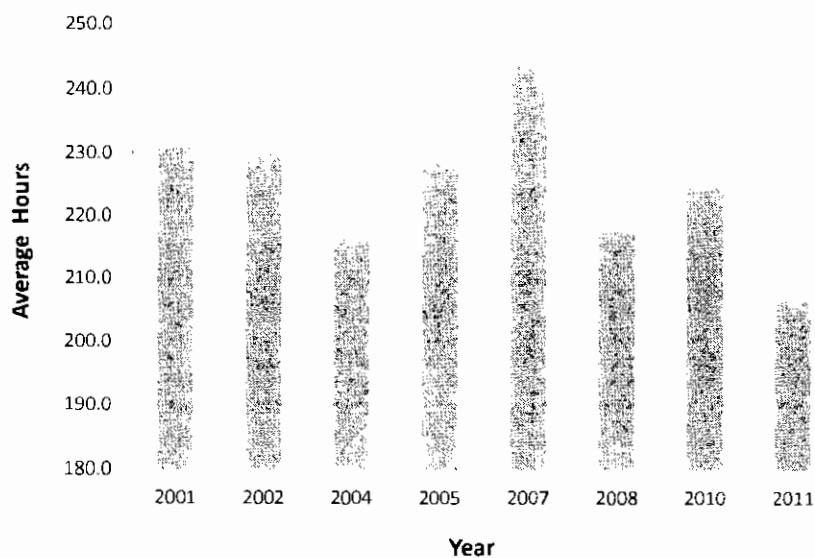
Note: *Monthly data reflects 19 days (August 2003)

**For 2006, data reflects the following number of days: Jan: 22, Feb: 11, April: 20, June: 07 and August: 21

Only 12 days were recorded for the month of November 2009

.. Not available

**Chart 3 Average Sunshine Hours
2001, 2002, 2004, 2005, 2007, 2008, 2010, 2011**



**Table 2.2 Imports of Ozone Depleting Substances (ODS)
2001 - 2007**

Ozone Depleting Substances (kg)	2001	2002	2003	2004	2005	2006	2007
CFC 12	1,441	2,950	1,420	2,050	7,419	450	
HCFC 22	2,180	2,160	2,120	2,120	9,320	2,680	490
CFC115 (0.8 x R502)	200.8			210	175		

Source: Environmental Coordinating Unit, and ODS Survey Report 2002, Ministry of Agriculture and Environment

Note: 2005 CFC12/HCFC22 stockpiling
2006 & 2007 CFC12/HCFC22 compliance to 2006 Legislation
Data on CFC11 is not available

Table 2.3 Percentage Change in ODS Imports over 1995–1997 Average Levels

Year	1995–1997 average	2001	2002	2003	% change 1995–1997/ 2003	% change 1995–1997/ 2003
Total ODS (kg)	3,270	3,821	5,110	3,540	56.3	8.3

Source: Environmental Coordinating Unit, and Ministry of Agriculture and Environment

Table 2.4 Emissions from Industrial Processes 2000 - 2005

Emissions (gg)	2000	2001	2002	2003	2004	2005
NMVOCS	0.342	2 473	1 34	1.039	2 033	1.061
HFCs	0.00461	0.005	0.00170	0.0019	0.00275	0.00295

Source: National Inventory of GreenHouse for the Commonwealth of Dominica

Environmental Coordinating Unit

Note: gg - giga grams

Note 2011 update

Table 2.5 Consumption of ODS 2002 - 2003 kg

CFC11		CFC12		HFC22		CFC115 (0.8xR502)	
2002	2003	2002	2003	2002	2003	2002	2003
10	..	2,600	1,420	2,160	2,120	10	30

Source: Environmental Coordinating Unit, and Ministry of Agriculture and Environment

Note: The Environmental Coordinating Unit continues to undertake the preparation of Dominica's Second National Communication on Climate Change

Note: 2011 update

**Table 2.6 Summary of Energy Sector CO₂ Emissions (Gg)
2000 - 2005**

	2000	2001	2002	2003	2004	2005
	106	118	113	111	111	119
A Fuel Combustion (Sectoral Approach)	106	118	113	111	111	119
1. Energy Industries	34.9	40.3	33.1	36.1	34.1	41.8
2. Manufacturing Industries & Construction	9.1	10.1	10.5	13.2	11.6	11.0
3. Transport	47.1	53.7	55.4	46.8	42.9	46.8
4 Other Sectors	14.7	13.8	14.3	15.0	22.3	19.5
a. Commercial/Institutional	10.0	9.4	9.9	10.7	18.4	15.4
b. Residential	4.1	3.7	3.6	3.4	3.1	3.3
c. Agriculture/Forestry/Fishing	0.6	0.7	0.8	0.9	0.8	0.8

Source: National Inventory of Greenhouse Gases, Environmental Control Unit

Note: gg - giga grams

Note: 2011 update

**Table 2.7 Percentage Distribution of Carbon Dioxide
Emissions by Sector 1994**

Sources of Emission	% Distribution
Transport	50
Energy Industries	26
Commercial & Industrial Uses	10
Industry	5
Residential	4
Other	5
TOTAL	100

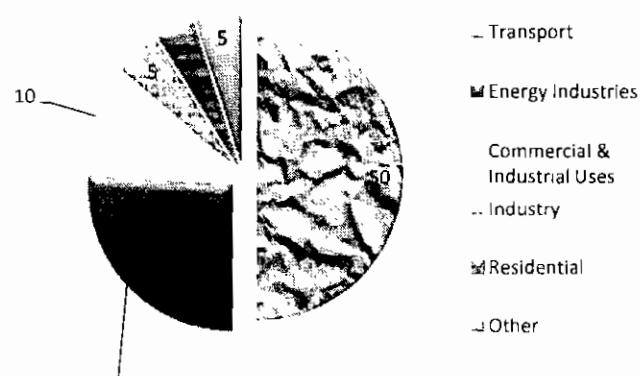
Note. The Environmental Coordinating Unit is presently undertaking the preparation
of Dominica's Second National Communication on Climate Change

Note. 2011 update

Chart 4: Percentage Emissions of Carbon Dioxide by Sector

1994

Sources of Emissions



**Table 2.8 Emissions of CO₂ by Fuel Combustion Category
1994 - 1996**

Fuel	Carbon Dioxide	% Contribution
Gasoline	33.99	45.1
Other		
Kerosene	1.02	1.35
Gas/Diesel Oil	28.59	37.96
Residual Fuel Oil	2.2	2.92
LPG	5.33	7.08
Naptha	3.43	4.56
Lubricants	0.49	0.65
Other Oil	0.25	0.33

Source: Initial National Communication, Environmental Coordinating Unit
Ministry of Agriculture and the Environment
GHG - Greenhouse Gases

The Environmental Coordinating Unit is presently undertaking the preparation of Dominica's Second National Communication on Climate Change
Note: 2011 update

(Gg) Table 2.9 Non CO₂ emissions for Dominica, 2000 - 2005

Year	CH4	N2O	NOx	CO	NMVOC	SO2	HFCs
2000	1.05	0.117	0.578	5.46	0.995	0.177	0.005
2001	1.33	0.109	0.729	8.50	1.31	0.213	0.005
2002	1.00	0.100	0.645	5.87	1.24	0.190	0.002
2003	1.33	0.109	0.667	7.79	1.03	0.202	0.002
2004	1.33	0.077	0.630	7.40	1.06	0.186	0.003
2005	1.04	0.097	0.613	5.22	1.02	0.218	0.003

Source: National Inventory of Greenhouse Gases for the Commonwealth of Dominica
Environmental Control Unit

Note: 2011 Update

Table 2.10 Energy Demand and Consumption, Dominica 2000-2005

('000 Bbls)

Product/Year	2000	2001	2002	2003	2005
Aviation Gasoline	0.2	0.4	0.4	0.0	0.0
Turbo Fuel	4.7	4.6	5.9	4.6	0.0
Unleaded Gasoline	119.9	132.1	137.4	115.4	113.2
Fuel Oil (Bunkers)	13.8	10.5	10.9	12.2	0.0
Kerosene	2.0	1.2	0.0	0.2	2.7
Diesel/Gas Oil	115.6	128.9	134.1	157.8	152.7
L.P.G.	27.6	24.5	25.5	25.6	27.4
Other	...	...	...	...	2.3
Totals	283.8	302.1	314.2	315.8	298.4

Source: Caribbean Energy Information Services (CEIS), 2006

Note: 2011 Update

CHAPTER 3 LAND USE AND AGRICULTURE

Table 3.1 Number of Farms (1958, 1961, 1976, 1983 and 1995)

Farm Size (Acres)	1958		1961		1976		1983		1995 (adjusted)	
	Number of Farms	Acres '000	Number of Farms	Acres '000	Number of Farms	Acres '000	Number of Farms	Acres '000	Number of Farms	Acres '000
Landless	*	*	442	0	*		*		824	
0.01 – 4.9	6,864	10.3	6,405	10.1	5,957	9.0	6,540	14.0	6,696	13.7
5.0 – 49.9	1,748	18.9	2,087	20.3	1,814	18.9	1,728	19.7	2,448	24.1
50.0 – 99.9	95	6.3	78	5.1	67	3.8	74	6.4	61	4.0
100+	85	38.4	97	40.8	84	39.7	22	2.9	71	16.2
Total	8,792	73.9	9,109	76.3	7,922	71.4	8,364	43.0	10,100	58.0

Source: Ministry of Agriculture: 1961, 1976, 1995 Agricultural Census

*Information added to interval 0.01 - 4.9

Landless: Farms with a size less than 0.01 acres

Table 3.1a Registered Farmers By Parish and Size of Farms - 2001

PARISH	SIZE OF FARMS (acres)												
	>1	1-5	5.10-10.0	10.01-25.0	25.01-50.0	50.01-75.0	75.01-100.0	100.01-200.0	200.01-300.0	300.01-499.0	500+	Not Stated	Total
St. George	34	41	8	8	2	....	....	....	....	2	....	39	137
Rest of St. George	99	96	12	11	2	....	....	....	....	....	....	54	275
St. John	....	167	13	9	3	....	....	....	2	....	....	71	269
St. Peter	3	43	10	7	2	....	....	....	....	....	....	8	74
St. Joseph	28	293	79	38	7	....	....	....	....	....	....	23	470
St. Paul	44	206	47	17	5	2	....	60	....	....	....	14	395
St. Luke	...	21	4	....	....	....	....	2	....	....	....	5	35
St. Mark	....	18	5	4	....	....	....	....	....	....	....	43	75
St. Patrick	138	401	24	4	2	....	....	....	....	....	....	279	851
St. David	95	818	87	28	3	....	....	....	....	....	....	78	1,110
St. Andrew	199	758	148	31	3	....	....	....	....	....	2	183	1,325
TOTAL	640	2,862	437	157	29	2	0	62	2	2	2	797	5,016

Source: Visitation Records, 2001 Population and Housing Census

Note: (....) Anonymity if one farmer is recorded in any parish he/she was not listed but added to the total

Table 3.2 Actual Land Use in 1961 & 1995 Agricultural Censuses

Census Year	Total Acreage	Cultivated	%	Forest	%	Other	%	% Total
	Under Farms ('000 acres)	('000 acres)		('000 acres)		('000 acres)		
1995 Not Adjusted	52.2	32.2	61.7	14.8	28.3	5.2	10.0	100.0
1995 Adjusted	58.0	35.8	61.7	16.4	28.3	5.8	10.0	100.0
	76.2	33.7	44.2	37.1	48.7	5.4	7.1	100.0

Source: Ministry of Agriculture 1961 & 1995 Agricultural Censuses

Table 3.3 Use of Fertilizers and Agro-Chemicals on Farms during the Census Year By Size of Farm 1995

Size of Farm (Acres)	Organic Manure Fertilizers	Inorganic Fertilizers	Agro-Chemicals
0.01-0.99	580	1,105	880
1.00-4.99	1,130	3,625	3,445
5.00-9.99	277	1,189	1,148
10.00-24.99	157	577	563
25.00-49.99	19	71	63
50.00-99.99	22	41	33
100.00-199.99	12	26	25
200.00-499.99	11	16	15
500.00 and more	3	5	3
Total	2,211	6,655	6,175

Source: Ministry of Agriculture 1995 Agricultural Census

Table 3.4 Livestock Production Number and Weight Inspected

2005 - 2009

DISTRICT	July 2005 - June 2006				July 2006 - June 2007				July 2007 - June 2008				July 2008 - June 2009			
	carcass- cattle		carcass - pig		carcass- cattle		carcass - pig		carcass- cattle		carcass - pig		carcass- cattle		carcass - pig	
	No	lbs	No	lbs	No	lbs	No	lbs	No	lbs	No	lbs	No	lbs	No	lbs
Roseau Market	240	147,600	720	76,900	177	67,066	422	4,661	193	81,985	475	40,173	36	18,230	102	9,265
Grand Bay	204	76,500	276	17,940	148	59,795	224	13,682	217	90,530	301	24,765	56	24,798	107	8,830
Marigot	72	23,300	84	4,620	35	14,785	11	1,611	45	17,080	12	1,415	27	8,955	18	2,319
Wesley	...	..	..	..	49	21,135	17	2,710	44	16,325	35	5,800	44	17,600	84	5,940
Portsmouth	69	18,975	81	4,455	10	6,860	12	2,050	9	2,995	10	1,185	25	7,253	39	4,517
Vieille Case			..	..	14	4,423	5	569	9	2,861	6	882	13	4,063	3	296
Castle Bruce	19	6,175	48	2,640	18	8,185	72	4,320	4	2,134	...	...	21	8,460	11	1,909
La Plaine	48	18,000	228	14,820	46	20,603	120	17,292	2	1,356	...	...	..	..	..	..
St Joseph	12	3,300	96	6,240	3	2,752	154	9,086	7	5,250	155	9,989	3	1,510	116	7,554
TOTAL*	664	293,850	1,533	127,615	500	205,604	1,037	55,981	530	220,516	994	84,209	225	90,869	480	40,630

Source: Environmental Health Unit

Note. *There were fewer inspections from July 2008 to June 2009
totals based on available data only

Table 3.4.a. Eggs Production 2007 - 2011

Year	Production (dozens)
2007	1,799,219
2008	1,527,288
2009	1,523,699
2010	1,546,554
2011	1,391,899

Sources: National Farm Register, Records of poultry farmers
Central Statistical Office

**Table 3.5 Imports of Pesticides
2001 - 2010**

(tonnes)

Type	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Insecticide	34	36	31	64	99	75	99	98	89	64
Fungicide	15	6	11	2	3	10	6	12	5	1
Herbicide	75	64	68	91	74	187	60	35	70	65
Rodenticide	5	5	3	10	11	10	6	9	4	3

Source: Central Statistical Office

Note: Quantity in tonnes

**Table 3.6 Number of Licenses Issued for the Importation of Pesticides
2002 - 2010**

Type	2002	2003	2004	2005	2006	2007	2008	2009	2010
Insecticide	25	36	34	28	34	40	37	39	39
Fungicide	7	7	14	7	19	22	24	9	18
Nematicide	0	1	6	4	5	4	7	8	11
Molluscicide	3	4	6	9	16	8	23	17	11
Pheromone	0	0	0	0	1	1	1	0	1
Spreader Sticker	2	0	0	1	4	7	4	3	3
Buffer	0	0	0	0	1	0	1	1	0
Total	37	48	60	49	80	82	97	77	83

Source: Pesticide Control Board, Ministry of Agriculture

**Table 3.7 Imports of Fertilizers by Type
2001- 2010**

(tonnes)

TYPE	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Nitrogenous fertilizers	27	92	33	116	23	43	27	27	28	30
Phosphate fertilizers	0	0	0.1	0.3	0.3	0	0	0	2	0
Potash fertilizers	0	22	0.05	0.6	0.1	1.2	1	1	1	1
Other Mixed	2,501	1,003	1,863	3,014	1,341	1,556	1,449	1,334	1,219	922
Total	2,258	1,117	1,896	3,131	1,364	1,600	1,477	1,362	1,250	953

Source: Central Statistical Office

Note: Quantity in tonnes

CHAPTER 4 BIODIVERSITY

**Table 4.1 National Parks and Forest Reserves
By Area and Year Established**

Park and Forest	Year Established	Area in Acres	% of Land Area
Park			
Morne Trois Piton National Park and World Heritage Site	1975	16,984	9.16
Cabrits National Park	1986	260	0.14
Morne Diablotin National Park	2000	8,242	4.45
Forest			
Central Forest Reserve	1952	1,013	0.55
Northern Forest Reserve	1977	13,730	7.41
TOTAL		40,229	21.71

Source: Forestry and Wildlife Division, Ministry of Agriculture, 2011 Update

Table 4.2 Estimated Number of Endangered/Threatened Species

Species	Number of Native Species	Number of Endangered/ Threatened Species
Birds	59	2
Mammals	15	0
Lizards	10	1
Amphibians (Frogs)	3	1
Crustaceans	31	0
FreshWater Fish	10	0

Source: Forestry and Wildlife Division, Ministry of Agriculture, 2011 update

Comments:

The mountain chicken, a large amphibian now endemic only to Dominica, has been the most recent entry on the endangered species list. This occurred when there were sudden sightings of dead amphibians on the island. The main cause was an outbreak of a fungal disease called Chytridiomycosis (a disease that affects the skin of amphibians). A ban was immediately implemented on the hunting of the amphibians from 2004.

The Sisserou Parrot, (the national bird of Dominica), and the Jaco Parrot remain the two threatened bird species. The iguana is the only threatened lizard specie.

NB: Sisserou still on Endangered Species list.

Table 4.3 Number of Licenses Issued by Type 2001 - 2008

Licenses	2001	2002	2003	2004	2005	2006	2007	2008
Hunting	223	142	139	172	288	...	182	233
Fishing	128	172	79	78	201	...	128	197
Removal Permits*	121	...	...	...	...	...	...	...
Timber Cutting Licence	35	40	48	...	...	...	...	...

Source: Forestry and Wildlife Division, Ministry of Agriculture

*i.e. Travelling out of state with wildlife.

...(not available)

CHAPTER 5 COASTAL AND MARINE RESOURCES

Table 5.1 Fish Landed 2000 - 2011

Year	Quantity '000kg
2000	801.7
2001	902.1
2002	782.2
2003	662.4
2004	505.8
2005	524.3
2006	649.6
2007	817.4
2008	730.6
2009	684.9
2010	559.7
2011	665.4

Source: Fisheries Division, Ministry of Agriculture

Table 5.2 Registration Details - Fishers for Years 2008 - 2010

Status	2008			2009			2010		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Full-Time	617	3	620	622	3	625	582	3	585
Part-Time	847	9	856	847	9	856	825	9	834
Unspecified	121	1	122	122	1	123	121	1	122
Investor Only	0	0	0	4	1	5	3	0	3
Total	1585	13	1598	1595	14	1609	1531	13	1544

Source: Fisheries Division, Ministry of Agriculture

**Table 5.3 Number of Shrimp/Prawn Farms
1995 - 2011**

Location	1995- 1999	2000- 2003	2004- 2007	2008	2009	2010	2011
Belfast	1	1	1	0	0	0	0
Canefield	1	1	1	1	1	1	1
Marigot	1	0	0	0	1	1	1
Harten Garden	1	1	1	1	0	0	0
Castle Bruce	1	0	0	0	0	0	0
Stowe	1	1	1	1	1	0	0
Layou Valley	1	1	0	0	0	0	0
Portsmouth	0	1	1	1	1	1	1
Jimmit	0	0	0	0	1	1	1
Total	7	6	5	4	5	4	4

Source: Fisheries Division, Ministry of Agriculture

Note: Jimmit Farm began operations in 2009

Table 5.4 Percentage of Fishers By Type of Training 2008

Type of Training	Percentage
Safety-at-Sea	58.9
Knot-Making	48.7
First Aid	48.3
Fish Handling and Quality	43.8
Fishing Gear and Methods	43.4
Navigation	43.4
Use of FADs	37.7
Record Keeping	27.9
Outboard Engine Repair	26.4
Fish Processing	24.5
Small Business Management	20.4
Sustainable Use of Marine Resources	14.7

Source: Report of the Census of the Fisheries Industry, 2008

Note FADS: Fishing Aggregating Devices

Table 5.5 Number of Licenses Issued By Type 2004 - 2008

Licenses	2004	2005	2006	2007	2008
Hunting	172	288	..	182	233
Fishing	78	201	..	128	197
Timber Cutting Licences	...	...	...	...	...

Source: Forestry and Wildlife Division, Ministry of Agriculture

...(not available)

Table 5.6 Marine Reserves

Reserve	Year Established	Area (Acres)
Cabrits National Park (Marine Section)	1986	1053
Soufriere/Scottshead Marine Reserve (SSMR)	1998	1606.28
Total		2659.28

Source: Forestry and Wildlife Division and Fisheries Division, Ministry of Agriculture, 2011 update

Table 5.7 Type of Restrictions for Threatened and Protected Marine Species

Species	Type of Season
Lobster	30th April - 1st September (Closed Season)
Turtles	1st June - 30th September (Closed Season)
Conch	Size of catch restricted

Source: Fisheries Division and the Ministry of Agriculture, 2011 update

Comments:

The period 1st June - 30th September (annually), is the official closed season for hunting turtles (table 5.5). Outside that period, the animals can be captured but only at sea. Land catch is prohibited since the turtles come ashore to mate or hatch. With reference to conchs, the catch size is restricted to 18cm in length.

**Table 5.8 Mangrove Area by Location and Number of Trees
2001 - 2003 and 2007 - 2008**

Location	Species of Mangrove	Number of Trees				
		2001	2002	2003	2007	2008
Hampstead Bay, Marigot	White	24	24	24	11	11
Cabrits Swamp Portsmouth	White	69	69	69	...	...
Tou Ma Tante, Woodford Hill	Black	17	17	17	15	15
Eden-on-Sea, Wesley	Black	15	15	15	13	13
Nyah Estate, Grand Savanne Salisbury	Black	9	9	9	...	...
Bibay, LaPlaine	Black	46	46	46	...	...
Bottom Wesley	Black	<13	<14	<15	...	...
Bout Sab, LaPlaine	Black	8	8	8	...	...

Source: Forestry and Wildlife Division, Ministry of Agriculture, 2011 update.

Note: Data for 2001 - 2003 for Eden-on-Sea, Wesley is revised

Data is not available for 2004 - 2006

Comments:

The area/stand of mangroves has remained almost constant over the years. A new area, the Bout Sab in La Plaine, with 8 mature trees, has been recorded from 2000.

ENERGY

Table 6.1 Electricity Generation, Sales and Consumers 2001–2011

Description	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Generation (1000 kWh)											
Hydro	27,036	35,929	28,523	33,736	27,876	27,797	21,885	20,554	23,156	23,132	35,861
Diesel	53,929	44,203	48,404	45,493	55,779	57,619	64,497	66,944	69,565	76,033	64,571
Total	80,965	80,132	76,927	79,229	83,655	85,416	86,382	87,498	92,721	99,165	100,432
Energy Purchased	-	-	-	-	-	-	-	-	-	16	76
Diesel Fuel used in Generation (Imp. Gallon)	3,099,157	2,585,509	2,771,990	2,620,375	3,207,976	3,368,935	3,850,914	3,915,979	3,942,115	4,417,799	3,750,719
Sales (1000 kWh)											
Domestic	31,779	32,856	32,942	33,062	33,492	34,176	33,732	34,051	36,369	39,473	40,419
Commercial	17,021	22,758	21,669	24,017	24,993	26,469	28,788	30,278	32,280	35,537	37,858
Industrial	4,009	4,607	4,354	5,508	5,504	5,357	5,600	6,004	7,877	7,449	7,560
Hotel	2,796	2,839	2,473	2,704	2,649	2,439	2,002	2,028	2,339	2,769	1,654
General Lighting	7,181	9	2	1	1	0	1	0	0	0	0
Street Lighting	1,128	1,125	1,295	1,127	1,150	1,130	1,298	1,325	1,443	1,547	1,621
Total	63,914	64,194	62,735	66,419	67,789	69,571	71,421	73,686	80,308	86,775	89,112
Consumers at Year End											
Domestic	23,069	23,210	24,333	25,181	24,851	27,436	28,388	29,183	25,904	28,984	29,838
Commercial	2,440	2,992	2,828	3,328	3,536	3,896	4,132	4,287	3,567	3,907	4,027
Hotels	21	18	60	142	274	307	392	429	477	571	28
Industrial	42	33	35	39	39	38	27	30	30	28	29
Street Lighting	229	239	253	282	320	331	364	430	571	496	469
General Lighting	864	3	4	8	5	0	2	2	0	0	0
Total	26,665	26,495	27,513	28,980	29,025	32,008	33,305	34,361	30,549	33,986	34,391

Source: Dominica Electricity Services

Note: The significant decline in general lighting from 2002 reflects the company's redistribution of general lighting to the commercial sector.

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Table 6.2 Per Capita Energy Use/day
Electricity 2001 - 2011

Year	Domestic Consumption '000kwh	Mean Population	Per Capita Use/day, kwh
2001	31,779	70,922	123
2002	32,856	70,382	1.26
2003	32,942	70,352	1.28
2004	33,062	70,417	1.29
2005	33,492	70,564	1.30
2006	34,176	70,692	1.32
2007	33,732	70,729	1.31
2008	34,051	70,726	1.32
2009	36,369	70,747	1.41
2010	39,473	70,730	1.53
2011	40,419	71,018	1.56

Source: Dominica Electricity Services Annual Report & Central Statistical Office

Note: Per Capita use = Domestic Consumption/Population/365*1000

Table 6.3 Fuel Imports 2000 - 2009

FUEL TYPE '000 m3	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Motor Spirit	21	18	18	18	17	18	15	20	17	18
Kerosene (illuminating)	0.41	0.54	0.64	0.73	0	0.20	0.14	0	0	0.89
Diesel	22	23	19	25	23	24	23	29	23	48

Source: Central Statistical Office

Note: '000m3 - Thousand Cubic Metres

For 2000 and 2002 imports of kerosene are estimated

Table 6.4 Imports of Selected Petroleum Products and Liquefied Gas
2000 - 2009

TYPE OF PRODUCTS	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Propane	2,257	1,927	1,893	1,846	1,786	1,890	1,842	1,874	2,064	2,604
Butane	61	113	407	300	154	414	332	381	181	55
Lubricating Oils	463	407	416	369	505	434	361	375	363	389
TOTAL	2,781	2,447	2,716	2,515	2,445	2,738	2,535	2,630	2,608	3,048

Source: Central Statistical Office

CHAPTER 7 WATER

Table 7.1 Potable Water Consumption and Distribution 2001–2010

Distribution	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Domestic										
Metered – number	8,969	10,252	11,127	13,506	14,335	15,351	17,706	17,706	18,626	19,131
Non-metered – number	4,701	3,843	3,428	3,343	3,189	3,307	2,898	2,898	2,859	2,696
Consumption ('000 gals)	358,543	373,160	395,108	363,104	465,883	473,600	487,646	526,731	571,498	603,876
Industrial										
Metered – number	61	63	62			77	71	95	96	114
Consumption ('000 gals)	25,541	27,210	29,553	22,201	22,243	18,920	23,050	26,688	24,257	
Commercial										
Metered – number	491	618	660	1,018	1,073	1,177	1,397	1,570	1,780	1,865
Consumption ('000 gals)	68,044	68,700	68,724	72,837	86,831	90,506	112,128	103,720	110,598	137,336
Government										
Metered – number	213	221	237	291	312	327	342	358	389	410
Consumption ('000 gals)	107,006	112,428	107,462	100,478	125,557	116,349	107,932	110,945	132,344	124,689
Standpipes – number	600	565	564	563	562	548	571	571	571	571
Consumption ('000 gals)				172,953	172,646	168,345	175,411	175,411	175,411	175,411
Total Consumption	559,134	581,498	600,847	731,573	873,160	867,720	906,167	943,495	1,014,108	1,041,312

Source Dominica Water and Sewerage Company
not available

- Note (1) Total consumption from 2004 to 2006 is revised
(2) Number of Industrial and commercial metered establishments are combined for 2004 and 2005 (In Commercial Metered)
(3) Consumption for industrial and commercial establishment is combined for 2010 (In Commercial Consumption)
(4) Sharp increase in number of metered commercial establishments from 2004 followed new meter system and policy measures in differentiating commercial and household units
(5) Number of standpipes revised from 2007
(6) Consumption by standpipe is estimated from 2007 to 2010

Table 7.2 Per Capita Domestic Water Consumption 2001 - 2010

Year	Domestic Consumption '000 gals	Mean Population	Per Capita Consumption (gals per day)
2001	358,543	70,922	13.85
2002	373,160	70,382	14.53
2003	395,108	70,352	15.39
2004	363,104	70,417	14.13
2005	465,883	70,564	18.09
2006	473,600	70,692	18.35
2007	487,646	70,729	18.89
2008	526,731	70,726	20.40
2009	571,498	70,747	22.13
2010	603,876	70,730	23.39

Source Central Statistical Office & Dominica Water & Sewerage Company

Notes gals gallons

Per Capita = Consumption/Population/365*1000

Table 7.2.a Per Capita Total Water Consumption 2001-2011

Year	Consumption '000 gals	Mean Population	Per Capita Consumption (gals) (Per day)
2001	559,134	70,922	21.60
2002	581,498	70,382	22.64
2003	600,847	70,352	23.40
2004	731,573	70,417	28.46
2005	873,160	70,564	33.90
2006	867,720	70,692	33.63
2007	906,167	70,729	35.10
2008	943,495	70,726	36.55
2009	1,014,108	70,747	39.27
2010	1,041,312	70,730	40.34
2011	975,479	71,018	37.63

Source: Central Statistical Office & Dominica Water & Sewerage Company Ltd.

Notes: gals: gallons

Per Capita = Consumption/Population/365*1000

Table 7.3 Percentage Distribution of Households by Type of Water Facility 1970, 1981, 1991 and 2001

Type of Water Facility	1970	1981	1991	2001
Private, piped into dwelling	5.1	9.3	10.0	5.1
Private catchment not piped	2.2	1.6	2.0	2.3
Public catchment piped	...	...	...	1.5
Public, piped into dwelling	8.3	12.7	29.6	46.3
Public, piped into yard	7.4	9.5	10.6	11.7
Public Standpipe	51.1	47.3	37.2	27.3
Public Well or Tank	0.7	1.0	2.6	1.2
Other	25.2	18.5	7.9	4.5
Total	100	100.0	100.0	100.0

Sources: 1970, 1981, 1991, and 2001 Population and Housing Censuses

CHAPTER 8 WASTE

**Table 8.1 Monthly Solid Waste Disposal
2007**

Months	Household	Commercial	Industrial	Institutional	Ship Generated	Medical	Green	Total
JAN	422,790	26,790	181,740	6,260	2,200	880	1,120	641,780
FEB	278,020	15,450	204,030	5,960	1,060	5,300	790	510,610
MAR	420,970	21,870	146,510	11,600	1,940	4,520	1,700	609,110
APR	262,950	20,170	115,720	7,270	2,050	4,390	390	412,940
MAY	411,360	24,860	115,930	10,770	1,440	260	20	564,640
JUN	343,400	14,200	138,810	8,660	1,830	2,600	2,300	511,800
JUL	402,770	23,620	214,180	27,190	1,920	7,990	220	677,890
AUG	284,160	25,510	230,060	14,210	1,990	5,460	6,660	568,050
SEP	326,590	20,910	185,040	8,670	2,990	9,840	1,120	555,160
OCT	535,608	55,202	410,789	20,548	3,738	6,752	762	1,033,399
NOV	423,130	35,329	267,013	16,027	6,018	6,463	495	754,475
DEC	1,049,362	192,896	715,595	19,938	9,328	6,797	12,375	2,006,291
TOTAL	5,161,110	476,807	2,925,417	157,103	36,504	61,252	27,952	8,846,145

Source: Dominica Solid Waste Management Corporation

**Table 8.1a Monthly Solid Waste Disposal
2008**

Months	Household	Commercial	Industrial	Institutional	Ship Generated	Medical	Green	Total
JAN	441,850	141,720	155,660	21,620	4,410	7,130	3,160	775,550
FEB	708,960	105,420	130,580	26,470	2,110	4,490	1,250	979,280
MAR	822,450	104,600	146,641	22,710	3,890	3,210	970	1,104,471
APR	876,740	169,460	115,820	29,520	4,100	1,940	360	1,197,940
MAY	619,940	139,740	122,240	42,940	2,880	1,560	1,860	931,160
JUN	816,080	190,480	103,820	52,720	1,660	5,800	920	1,171,480
JUL	583,440	160,700	101,900	21,640	1,470	1,540	2,400	873,090
AUG	704,380	129,260	109,080	22,540	3,990	2,140	1,600	972,990
SEP	553,900	146,240	104,933	30,040	1,980	1,880	3,940	842,913
OCT	1,265,200	919,020	571,280	112,440	2,985	700	1,430	2,873,055
NOV	729,330	258,230	175,750	62,710	6,613	640	420	1,233,693
DEC	1,813,920	1,667,920	646,740	78,000	10,240	1,220	10,450	4,228,490
TOTAL	9,936,190	4,132,790	2,484,444	523,350	46,328	32,250	28,760	17,184,112

Source: Dominica Solid Waste Management Corporation

Note: The significant increase in waste disposal for 2008 is mainly due to wider national coverage of waste collection in both urban, semi-urban and rural areas.

**Table 8.2 Annual Expenditure on Solid Waste Management
2003 - 2011**

Year	EC \$'000
2003	2,788
2004	3333
2005	3,749
2006	3,785
2007	3,384
2008	3,316
2009	4,131
2010	4,557
2011	4,527

Source: Dominica Solid Waste Management Corporation

Table 8.3 Per Capita Household Waste Disposal 2007 - 2008

Year	Total Waste Disposal ('000) kg	Mean Population	Per Capita Waste Disposal (kg) (Per day)
2007	5,161	70,729	0.20
2008	9,936	70,726	0.38

Source: Dominica Solid Waste Corporation and Central Statistical Office

Notes: Per Capita = Total Waste/population/365*1000

Table 8.4 Per Capita Total Waste Disposal 2007 - 2008

Year	Total Household Waste Disposal('000)	End of Year Population	Per Capita Household Waste Disposal (kg) per day
2007	8,846	70,729	0.34
2008	17,184	70,726	0.67

Source: Dominica Solid Waste Corporation and Central Statistical Office

Notes: Per Capita = Total Waste/population/365*1000

CHAPTER 9 TRANSPORT

**Table 9.1 Imports of Motor Vehicles by Type
1998-2010**

Year	Tractors	Coaches, Buses & Mini Buses	Motor Cars	Dumpers	Lorries (Trucks)	Total
1998	13	107	607	195	3	925
1999	15	143	878	430	11	1477
2000	16	93	765	441	10	1325
2001	12	57	554	144	13	780
2002	6	66	491	165	12	740
2003	4	70	485	129	16	704
2004	8	102	607	179	15	911
2005	19	148	733	237	21	1158
2006	4	74	574	252	5	909
2007	23	96	589	277	12	997
2008	26	135	621	260	19	1061
2009	23	85	826	259	21	1214
2010	19	87	700	233	21	1060

Source: Central Statistical Office and Customs Department

**Table 9.2 Number of Motor Vehicle Licensed
1999 – 2010**

Year	NUMBER OF MOTOR VEHICLES LICENSED DURING THE YEAR (1)							
	Private Cars (2)	Taxis	Buses	Motor Cycles (3)	Trucks (4)	Jeeps	Tractors (5)	Total
1999	5,846	158	1184	324	1,748	1,331	47	10,638
2000	5,630	185	1371	437	2,057	1,682	62	11,424
2001	5,483	208	1494	527	2,199	1,971	68	11,950
2002	5,413	228	1593	656	2,315	2,156	71	12,432
2003	5,470	243	1693	775	2,414	2,110	77	12,782
2004	5,705	258	1838	851	2,525	2,330	80	13,587
2005	6,284	316	2145	933	2,748	2,602	84	15,112
2006	6,624	336	2239	1,020	2,918	2,709	85	15,931
2007	9,216	338	1298	254	2,217	3,735	24	17,082
2008	9,144	320	1334	375	2,233	3,753	21	17,180
2009	8,995	312	1356	317	2,217	3,563	34	16,794
2010	9,151	328	1385	328	2,212	3,402	35	16,841

Sources. Traffic Department, Commonwealth of Dominica Police Force, 1999 to 2002 and Inland Revenue Division, 2003 to 2009

Notes: (1) including tax-exempt vehicles

(2) including state cars

(3) including scooters and mopeds

(4) including pickups and vans

(5) including excavators and trailers

**Table 9.3 Number of Motor Vehicles Licensed per One Hundred Population
2001 - 2010**

Year	Number of Vehicles Licensed	Mean Population	Vehicles per hundred persons
2001	11,950	70,922	17
2002	12,432	70,382	18
2003	12,782	70,352	18
2004	13,587	70,417	19
2005	15,112	70,564	21
2006	15,931	70,692	23
2007	17,082	70,729	24
2008	17,180	70,726	24
2009	16,794	70,747	24
2010	16,841	70,730	24

Source: Traffic Department and Central Statistical Office

Notes: Vehicles per hundred persons = Number of Vehicles Licensed/Population *100

**Table 9.4 Aircraft Movement and Cargo Handled
2001 - 2010**

Year	Aircraft Movements	Cargo (kg)	
		Set Down	Picked Up
2001	16,710	490,712	223,746
2002	15,118	429,764	199,750
2003	14,308	376,456	146,849
2004	14,283	467,077	206,594
2005	14,290	473,877	190,591
2006	14,854	404,160	295,249
2007	12,738	468,272	90,211
2008	19,670	553,847	150,769
2009	19,624	624,482	112,832
2010	20,582	541,718	143,277

Source: Travel Report, Central Statistical Office

Note: Significant decline in "cargo picked up" for third and fourth quarter for 2007

CHAPTER 10 TOURISM

**Table 10.1 Visitor Arrivals By Country of Usual Residence
2001 - 2010**

Country of Usual Residence	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	68,372	70,867	77,118	82,664	79,907	84,967	78,890	82,077	75,704	77,301
U.S.A.	14,554	15,605	15,761	17,649	18,544	22,077	21,607	20,544	18,239	20,638
Canada	1,878	2,058	1,990	1,735	1,979	2,562	2,624	3,334	2,244	2,870
CARICOM	13,345	14,423	14,018	14,110	14,211	17,178	13,074	11,587	12,133	12,261
O.E.C.S.	8,033	9,623	9,360	9,164	9,435	10,916	8,502	7,428	7,941	7,807
Other CARICOM	5,312	4,800	4,658	4,946	4,776	6,262	4,572	4,159	4,192	4,454
French West Indies	18,546	18,175	21,164	22,643	18,981	20,160	19,929	20,555	20,138	24,934
Rest of Americas	7,895	9,415	12,336	15,415	15,008	10,675	9,362	11,287	10,537	4,820
Europe	10,973	10,260	10,963	10,336	10,341	11,396	10,743	13,898	11,586	10,788
United Kingdom	5,990	5,686	6,090	6,078	6,126	6,512	6,262	7,236	4,369	4,611
France	2,760	2,408	2,651	1,906	1,895	2,290	2,204	3,843	4,531	3,348
Other Europe	2,223	2,166	2,222	2,352	2,320	2,594	2,277	2,819	2,686	2,829
Other Countries /Not stated	1,181	931	886	776	843	919	1,551	872	827	990

Source: Central Statistical Office

Table 10.2 Visitor Arrivals by Mode of Travel 1999 - 2010

Mode of Travel	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
AIR	53,531	49,887	47,258	49,283	51,711	56,242	58,586	61,631	55,881	55,349	48,323	49,030
SEA	23,899	22,367	21,114	21,586	25,407	26,422	21,321	23,336	23,009	26,728	27,381	28,271
AIR and SEA	77,430	72,254	68,372	70,869	77,118	82,664	79,907	84,967	78,890	82,077	75,704	77,301
CRUISE SHIP	202,003	239,796	207,627	136,859	177,044	383,614	301,511	379,643	354,515	380,671	516,551	516,820
TOTAL	279,433	312,050	275,999	207,728	254,162	466,278	381,418	464,610	433,405	462,748	592,255	594,121

Source Travel Report, Central Statistical Office

**Table 10.3 Tourist Arrivals By Place of Stay
2001- 2010**

PLACE OF STAY	HOTELS	GUEST HOUSES	APART-MENTS & COTT	OTHER PAID ACCOM.	PRIVATE HOMES	NOT STATED	TOTAL
2001 No %	13,597 20 5	4,936 7 4	2,666 4 0	4,366 6 6	38,945 58 7	1,881 2.8	66,393 100 0
2002 No %	12,795 18 5	4,992 7 2	3,498 5 1	4,511 6 5	42,448 61 3	949 1 4	69,193 100.0
2003 No %	13,557 18 5	5,075 6 9	4,089 5 6	3,693 5 0	46,208 63 1	568 0 6	73,190 100 0
2004 No %	15,259 19 1	5,568 7 0	2,341 2 9	5,464 6 8	51,010 63 7	445 0 6	80,087 100 0
2005 No %	15,600 19 7	5,144 6 5	1,094 1 4	4,887 6 2	51,301 64 7	1,231 1 6	79,257 100 0
2006 No %	19,804 23 6	4,771 5 7	1,332 1 6	8,757 10 4	48,283 57 5	1,094 1 3	84,041 100 0
2007 No %	16,391 21 0	3,197 4 1	8,772 8 7	7,969 10 2	41,802 53 6	1,790 2 3	79,921 100 0
2008 No %	17,209 21 2	5,325 6 6	5,593 6 9	3,367 4 2	46,220 57 0	3,398 4 2	81,112 100 0
2009 No %	17,020 22 7	4,178 5 6	4,147 5 5	4,017 5 4	44,108 58 9	1,454 1 9	74,924 100.0
2010 No	15,473 20 2	4,496 5 9	5,644 7 4	5,292 6 9	43,776 57 2	1,837 2 4	76,518 100 0

Source Central Statistical Office

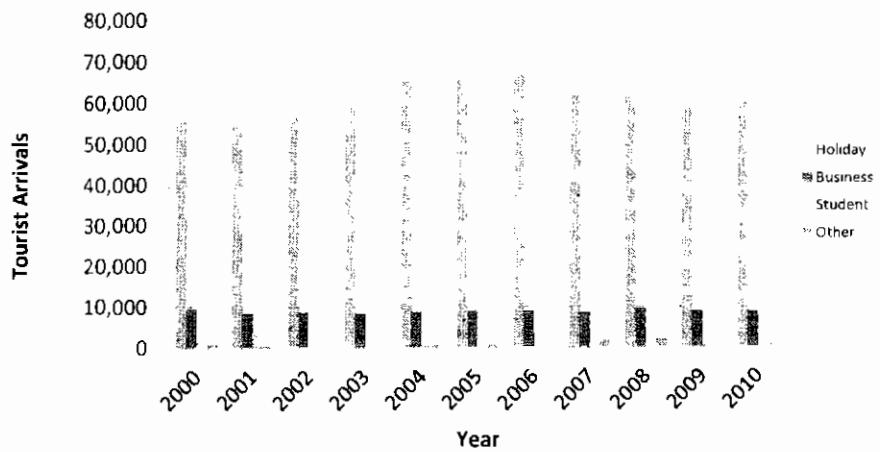
Table 10.4 Tourist Arrivals by Purpose of Visit 1999 - 2010

Year	Holiday	Business	Student	Other	Total
1999	59,331	9,711	3,527	937	73,506
2000	56,051	9,528	3,347	672	69,598
2001	54,451	8,416	3,197	329	66,393
2002	56,348	8,624	3,936	285	69,193
2003	59,919	8,369	4,634	268	73,190
2004	66,013	8,689	4,896	489	80,087
2005	65,938	8,972	3,804	543	79,257
2006	69,921	8,950	4,698	472	84,041
2007	61,877	8,601	5,754	1689	77,921
2008	63,383	9,631	6,062	2036	81,112
2009	59,501	8,792	6,048	583	74,924
2010	60,500	8,650	6,432	936	76,158

Source: Travel Report, Central Statistical Office

Note: Data for students include more than one entry for the year particularly for students in off-shore educational institutions

**Chart 5 Tourist Arrivals by Purpose of Visit
2000 - 2010**



**Table 10.5 Tourist Intensity and Penetration Ratio
2001 - 2010**

Year	Tourists	Length of stay	Mean Population	Intensity Growth Rate	Penetration Ratio
2001	65,175	11.63	70,922	2.76	0.0293
2002	66,931	11.63	70,382	2.84	0.0303
2003	72,484	11.63	70,352	3.07	0.0328
2004	77,768	11.63	70,417	3.30	0.0352
2005	76,103	11.63	70,564	3.23	0.0344
2006	80,269	11.63	70,692	3.41	0.0362
2007	73,136	11.63	70,729	3.10	0.0329
2008	76,015	10.94	70,726	3.03	0.0322
2009	69,656	9.97	70,747	2.53	0.0269
2010	70,869	10.69	70,730	2.76	0.0293

Source: Central Statistical Office

Note: Tourist Intensity Growth Rate = Average length of stay*number of tourists /365*area in square kilometers

Tourist penetration ratio - Average length of stay*number of tourists/365*mid-year population estimates

Tourist excludes students(in offshore educational institutions)

Table 10.6 Registered Hotels and Guesthouses 1995 – 2010

Year	Hotels		Guesthouses		Apartment &		Total	
	No.	No. of Rooms	No.	No. of Rooms	No.	No. of Rooms	No.	No. of Rooms
1995	20	335	18	160	20	93	58	588
1996	17	422	24	225	25	117	66	764
1997	16	504	23	224	20	96	59	824
1998	18	534	24	219	21	94	63	847
1999	19	563	24	213	21	91	64	867
2000	19	562	25	228	22	100	66	890
2001	19	571	25	218	22	100	66	889
2002	19	571	27	230	25	130	71	931
2003	20	571	25	230	25	130	71	931
2004	20	442	26	243	22	106	68	791
2005	20	442	26	239	22	106	68	787
2006	21	452	32	247	25	119	78	818
2007	21	441	37	276	34	184	92	901
2008	22	446	39	288	35	186	96	920
2009	23	463	41	307	42	231	106	1001
2010	25	476	39	287	46	257	110	1020

Source: Travel Report, Central Statistical Office and Discover Dominica Authority

Number of Hotels Rooms 1995 to 2008 revised

Table 10.7 Number of Visitors to Tourist Attraction Sites 2001-2011

Site	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL 2001 - 2011
Emerald Pool	82,440	52,094	61,306	116,732	77,537	93,950	78,875	73,909	69,739	65,380	55,975	827,937
Trafalgar Falls	85,602	49,052	66,901	130,843	93,439	110,879	107,849	109,434	119,259	148,880	87,730	1,109,868
Soufriere Sulphur Springs	11,361	9,340	6,786	16,674	14,696	14,422	14,273	10,785	7,533	10,603	8,186	124,659
Middleham Falls	5,088	4,251	5,161	7,873	5,569	5,197	3,927	4,890	6,282	7,135	5,367	60,740
Indian River	14,863	10,852	16,134	19,170	13,828	17,466	16,242	14,987	13,844	13,221	14,333	164,940
Cabrits National Park	14,201	14,013	13,969	13,966	12,461	12,392	15,426	15,402	15,569	15,308	16,884	159,591
Syndicate Nature Trail	513	219	314	422	406	249	259	767	3,380	2,451	2,386	11,366
Boiling Lake	2,870	3,653	3,451	4,282	3,394	4,410	4,394	3,536	5,118	3,800	4,545	43,453
Boer/FreshWater Lakes	4,898	5,034	4,712	6,018	10,690	16,517	11,479	8,800	10,040	10,716	10,316	99,220
Morne Trois Piton Trail								58	13	2	39	112
Morne Diablotin				..				52	45	96	180	373
Indian River					..		..	14,987	13,844	13,221	14,333	56,385
TOTAL	221,836	148,508	178,734	315,980	232,020	275,482	252,724	257,607	264,666	290,813	220,274	2,658,644

Source Forestry Wildlife & Parks Division, Ministry of Agriculture

Note Totals based on available data particularly for years 2001 - 2008

CHAPTER 11 NATURAL DISASTERS

Table 11.1 Natural Disasters, Number of Fatalities and Estimated Damage

Year	Name of Disaster	No. of Persons Killed	Estimated Damage EC\$M
1979	David	42	86.8
1979	Frederick	0	...
1980	Allen	0	...
1984	Klaus	0	...
1988	Gilbert	0	...
1989	Hugo	0	69.0
1994	Debbie	0	30.0
1995	Marilyn	1	...
1995	Luis	0	...
1995	Iris	0	...
1999	Lenny	1	31.0
2004	Earthquake	0	90.0
2007	Dean	3	173.7
2008	Omar	0	4.5
2010	Tomas	0	...
2010	Landslide	3	...

Sources: Dominica, Natural Disasters and Economic Development in a Small Island State, Disaster Coordinating Unit and OECS Secretariat, Rapid Assessment Report, October 2008, Department of Local Government

Note: ... not available

Year	Table 11.2 Natural Disasters ¹ by year									
	Type of Disaster	Date Started	Total Casualties of which				Total Casualties	Population Affected	Mean Population	
			Dead	Injured	Missing	Homeless				
1979	H	29/8/79	42	3000	...	60,000	63,042	75,000	77,057	86.8
1989	H	17/09/89	...	...	...	...	...	...	72,055	69.0
1994	TS	...	...	...	...	...	...	...	72,413	30.0
1995	H	27/8/95	1	...	...	...	...	...	72603	366.0*
	H	5/9/1995	...	...	...	...	...	...	72,603	
	H	18/9/95	...	...	...	...	...	...	72,603	
1999	H	18/11/99	...	...	...	...	...	602	71,815	31.0
2004	E	21/11/04	0	...	0	...	...	19,257	70,417	90.0
2007	H	17/08/07	3	26	0	50	29	...	70,729	173.7
2008	H	16/10/08	0	0	...	0	0	253**	70,726	4.5

Source: Disaster Coordinating Unit and OECS Macro-socio economic assessment.

Notes :

A combined assessment was done for the landslide and earthquake in 2004 since the occurrence was about the same time.

H. Hurricane, TS: Tropical Storm, E/L: Earthquake/Landslide

1. A natural event which overwhelms local capacity, necessitating a request for national or international assistance, or is recognised as such by a multilateral agency, or by at least two sources, such as national, regional or international assistance groups and the media. There are two types: sudden-impact disasters e.g. earthquakes; or those that develop gradually, e.g. drought.
2. Avalanches, floods, earthquakes, cyclones, torrential rains, volcanic eruptions, typhoons, droughts, landslides, mudslides, fires, blizzards, tsunamis, etc.
3. For sudden-impact disasters:
4. Covers all casualties, as well as others whose basic requirements for food, shelter, sanitation and medical, etc. were adversely affected.
5. Estimated value of all damages and economic losses directly related to the occurrence of the given disaster. The economic impact can be direct (e.g. damage to infrastructure, crops, housing) or indirect (e.g. loss of revenues, unemployment, market destabilization).

*Total damage for all disasters.

**Number of families

US\$1.00 is equivalent to \$2.7169 National Currency

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