

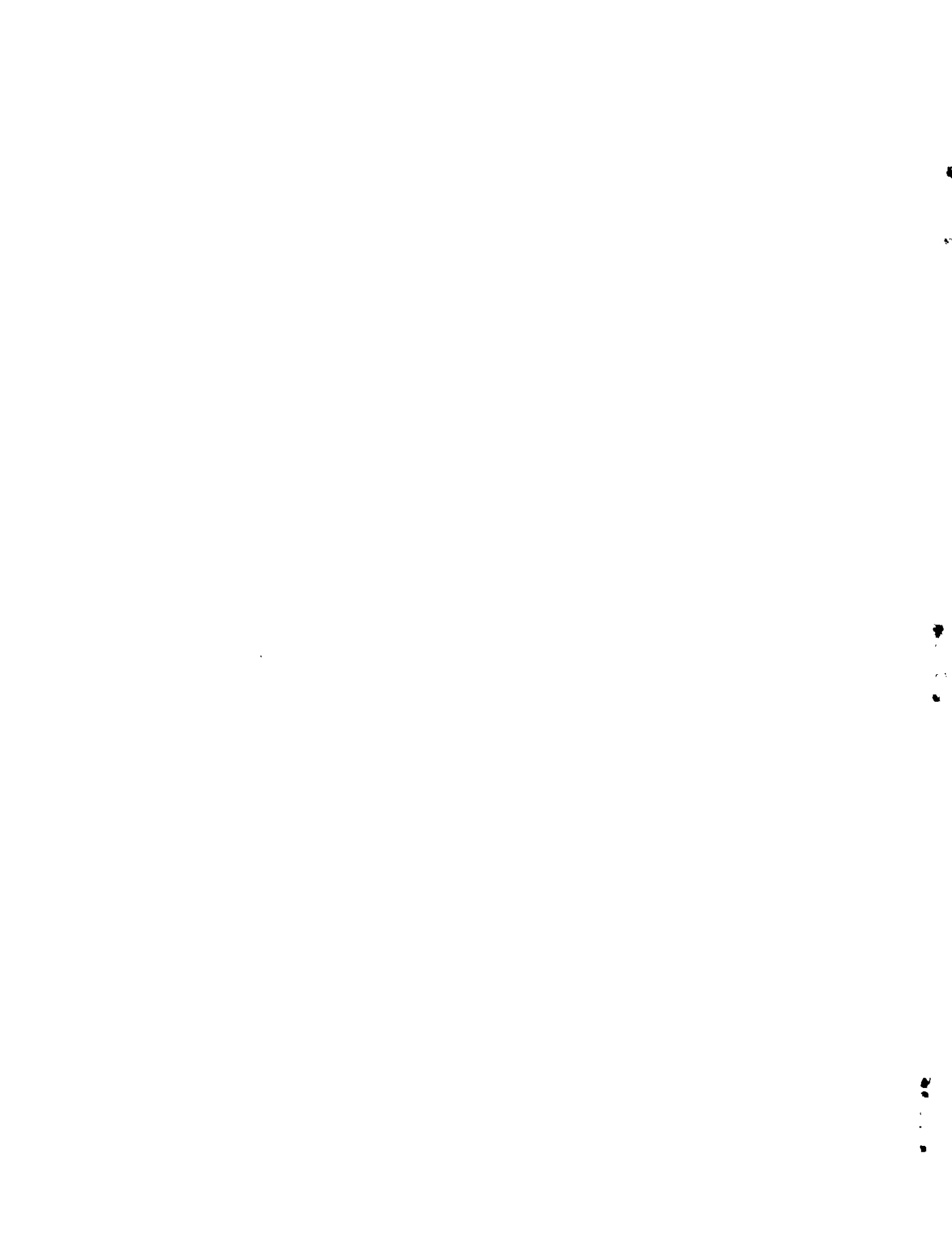


Commonwealth of Dominica

**ENVIRONMENTAL STATISTICS
2005**



Central Statistical Office
Ministry of Finance and Planning
Kennedy Avenue
Roseau



PREFACE

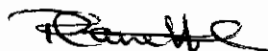
This is the second issue of the Environmental Statistics Compendium in Dominica. The data have been collected from various sources, and represents the main environmental concerns of economists, natural resource managers and other decision-makers.

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

The Environmental Statistics Compendium will be published on a three-year interval. Additional information will be included as it becomes available and slight changes may be made as necessary.

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

The Central Statistical Office would like to acknowledge the benefit achieved from the United Nations Statistics Division (UNSD)/Caribbean Community (CARICOM) Project on "Strengthening Capacity in the compilation of Statistics Indicators for Conference Follow-up in the Caricom Region". The publication of this second issue continues to reflect the positive results of the program.


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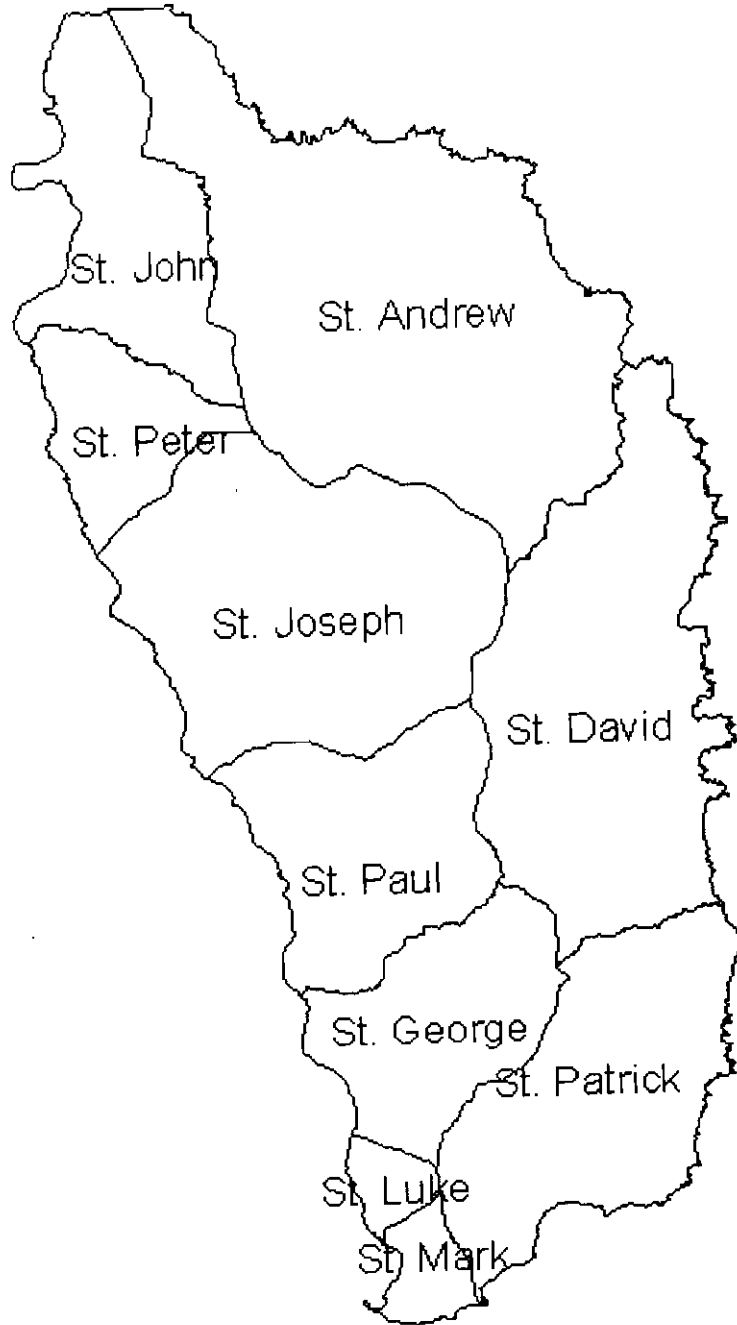
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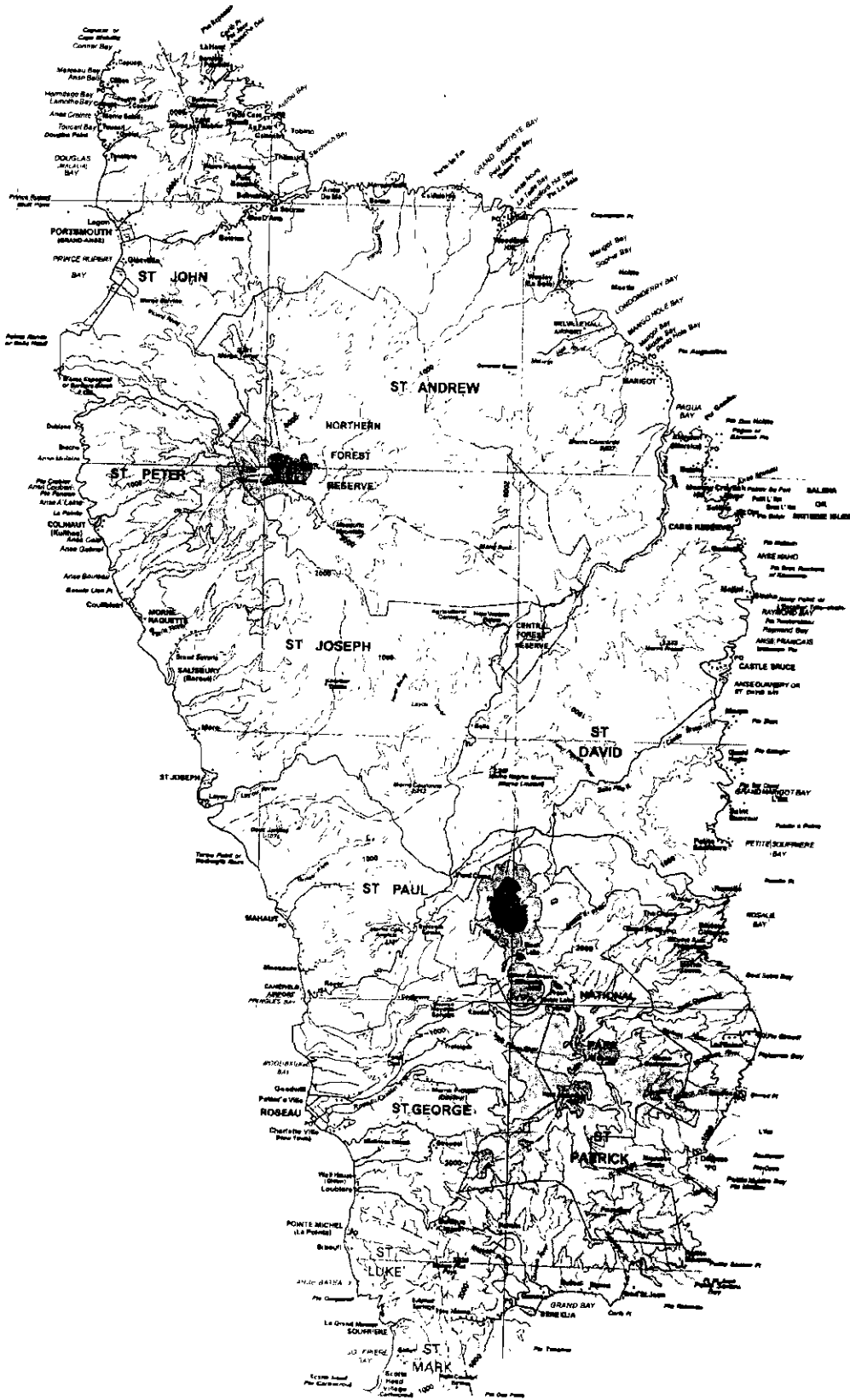
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Notes and Symbols

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

Conversion Table

<u>Metric</u>	<u>to</u>	<u>Imperial</u>
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

<u>Imperial</u>	<u>to</u>	<u>Metric</u>
1 ton		1.0161 tonnes
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 Statistical 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	-	Hydrochlorofluorocarbons
ODS	-	Ozone Depleting Substance
CFCs	-	Chlorofluorocarbons

DOMINICA

Overview

Description and General Background

The Commonwealth of Dominica is the most northern and largest of the Eastern Caribbean's Windward Island 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) and measures approximately 50km (30 miles) long and 22km (14 miles) wide. 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 United Nations World Heritage List since 1998, based on the criteria of Outstanding Universal Value to Mankind, its natural aesthetic, rich bio-diversity and its irreplaceable contribution to the understanding of science and natural landscape phenomena.

Dominica's relatively undisturbed and rugged landscape, its extensive forest, its pristine fresh and sea water and its overall ecological system has contributed to Dominica's being acclaimed as "the Nature Island of the Caribbean". This label has impacted favorably in positioning Dominica's global chances 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. Visitor arrivals increased by 54.2% from 1993 to 2004, reaching a total arrival of 80,087 in 2004. The three major markets are the Caribbean, United States of America and Europe. Cruise lines call in regularly registering a record of 383,614 passengers in 2004.

Political and Economic Situation

Dominica is sub-divided into ten parishes with capital city Roseau, located within the parish of St. George in the south-west.

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 speaks a patois "kweyol" composing of African and French linguistic structures.

The 2003 end of year population estimate 70,340 comprises mainly of people of African descent and a small population of indigenous kalingo or Carib people, the survivors of the original or first people of the Caribbean. They presently occupy a demarcated area called the Carib Territory, on the northeast of Dominica.

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 to 20.0 percent of Gross Domestic Product in 1997 and 17.7 percent in 2003.

Economically, Dominica pursues and sustains a free-market and liberal economy. During the 2004 period the economy reflected an estimated growth rate of 3.57 as compared with 0.1 percent growth in the last year (2003). Tourism, Construction, Manufacturing and Agriculture Sectors contributed significantly to this growth. However, the rate of inflation as measured by the Annual Consumer Price Index rose by 2.46 in 2004 as compared to 1.44 percent in 2003. Increases were recorded in group indices Fuel and Light: 7.53; Housing and Utilities: 4.68; Educational Expenses: 3.49 and Food:2.80.

SOCIO-ECONOMIC BACKGROUND

Table 1.1: Non-institutional Population at Census Dates (1946–2001)

Date	1946	1960	1970	1981	1991	2001
	9th April	7th April	7th April	7th April	12th April	12th May
Total	47,624	59,916	69,548	73,795	71,183	69,625
Male	22,277	28,167	32,967	36,754	35,471	35,073
Female	25,347	31,749	36,581	37,041	35,712	34,552

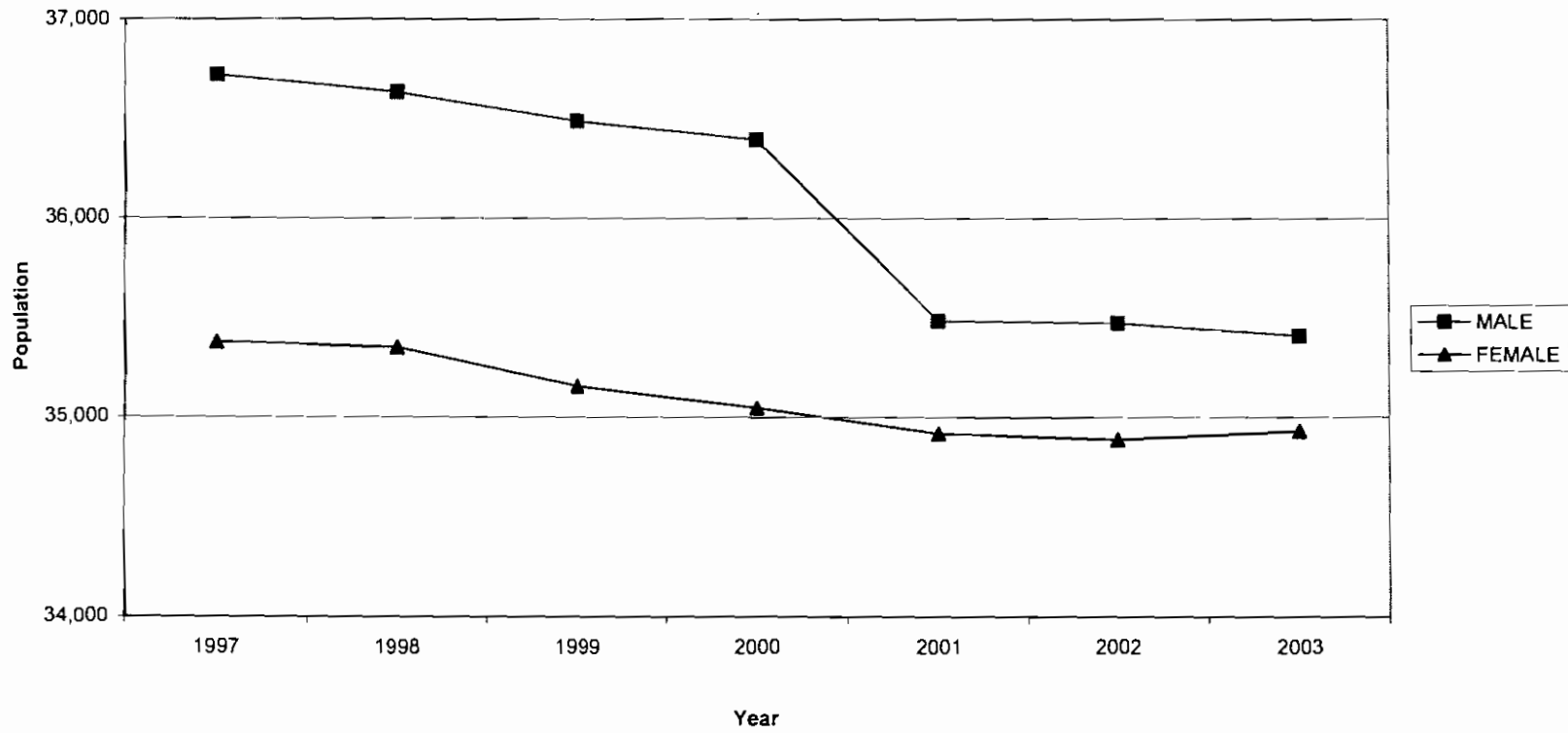
Source: Central Statistical Office

Table 1.2: Total End of Year Population Estimates by Sex (1997–2003)

YEAR	1997	1998	1999	2000	2001	2002	2003
TOTAL	72,099	71,984	71,644	71,443	70,401	70,363	70,340
MALE	36,722	36,633	36,489	36,397	35,482	35,474	35,409
FEMALE	35,377	35,351	35,155	35,046	34,919	34,889	34,931

Source: Central Statistical Office

Chart 1: End of year Population by Sex (1997-2003)



**TABLE 1.3: POPULATION BY PARISHES
1981-2001**

PARISH	1981	1991	2001	%CHANGE
				1991-2001
St. George	20,501	20,365	19,825	-2.65
City of Roseau	8,279	15,853	14,539	-8.29
Rest of St. George	12,222	4,512	5,286	17.15
St. John	5,412	4,990	5,327	6.75
St. Peter	1,601	1,643	1,452	-11.63
St. Joseph	6,606	6,183	5,765	-6.76
St. Paul	6,386	7,495	8,397	12.03
St. Luke	1,503	1,552	1,571	1.22
St. Mark	1,921	1,943	1,907	-1.85
St. Patrick	9,780	8,929	8,383	-6.11
St. David	7,337	6,977	6,758	-3.14
St. Andrew	12,748	11,106	10,240	-7.8
TOTAL	73,795	71,183	69,625	-2.19

Source: Central Statistical Office, Demographic Statistics Report, No.4

**TABLE 1.4: POPULATION DENSITY BY LAND AREA
2001 COMPARED TO 1991 CENSUS**

PARISH	LAND AREA (Km)	2001		1991	
		POPULATION	DENSITY	POPULATION	DENSITY
St. George	56.2	19,825	353	20,365	362
St. John	59.1	5,327	90	4,990	84
St. Peter	34.2	1,452	43	1,643	48
St. Joseph	118.4	5,765	49	6,183	52
St. Paul	66.4	8,397	127	7,495	113
St. Luke	10.8	1,571	146	1,552	144
St. Mark	13.5	1,907	141	1,943	144
St. Patrick	86.7	8,383	97	8,929	103
St. David	125.8	6,758	54	6,977	55
St. Andrew	179.9	10,240	57	11,106	62
TOTAL	751	69,625	93	71,183	95

Source: Central Statistical Office, Demographic Statistics Report, No 4

**TABLE 1.5: POPULATION GROWTH RATE
1946-2001**

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	-3.50	-0.37
2001	69,625	-2.19	-0.21

Source: Central Statistical Office, Demographic Statistics Report, No.4

Table 1.6: Life Expectancy (1999–2005)

Period	Male	Female	Both Sexes
1999	71.0	75.1	73.1
2000	70.6	74.8	72.7
2001	70.9	74.9	72.9
2002	72.4	77.7	73.9
2003	72.4	78.4	75.6
2004	74.1	77.9	75.9
2005	73.5	78.1	75.7

Source: Central Statistical Office

Chart 2: Life Expectancy (1999–2005)

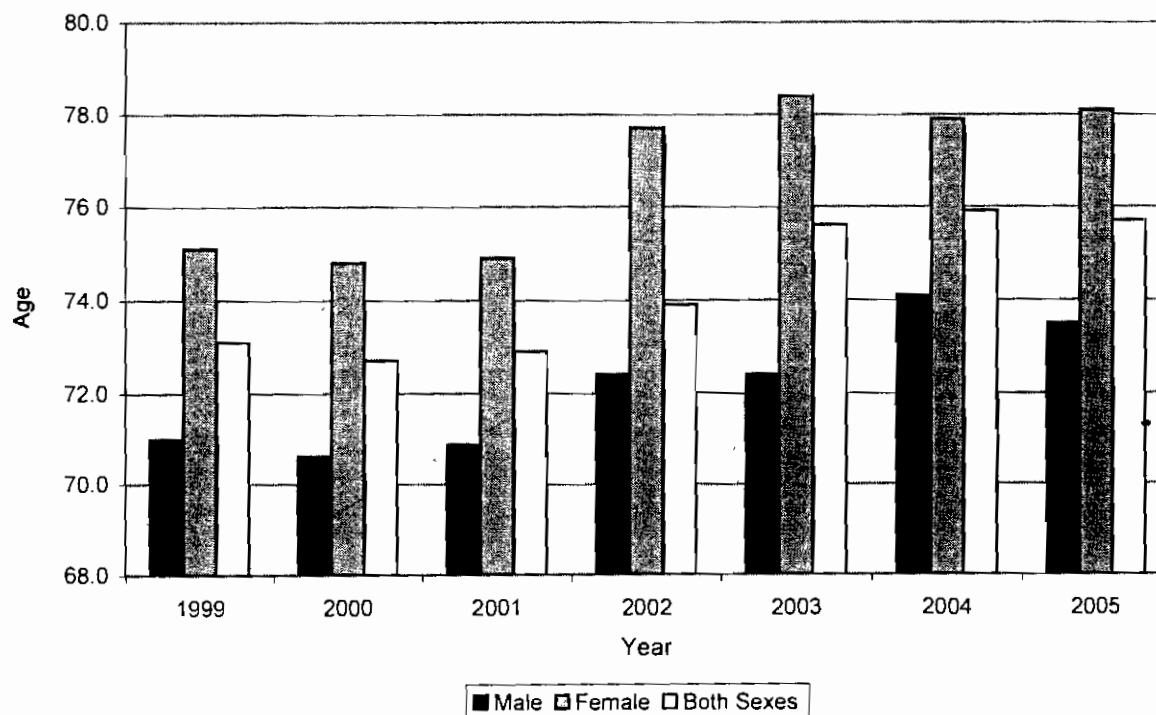


Table 1.7 Reported Cases and Incidence of Environmentally-related Diseases by Type (1998–2003)

Type of Disease	1998	1999	2000	2001	2002	2003
Gastroenteritis	56	58	16	55	237	135
Typhoid	10	3	0	1	2	2
Malaria	2	0	1	1	0	0
Diarrhoea	19	8	5	2	17	19
Respiratory Diseases	0	0	0	0	31	0
Total	87	69	22	59	256	156

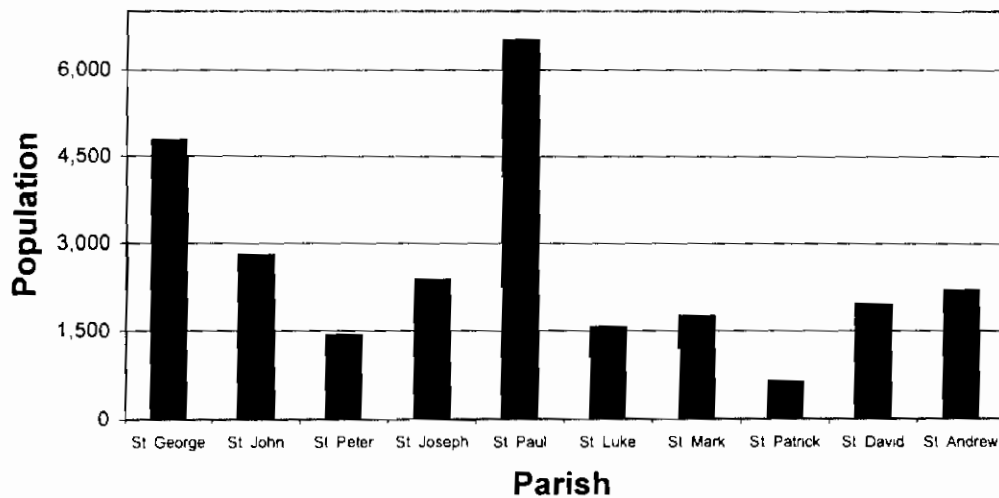
Source: Health Information Unit, Ministry of Health

Table 1.8: Population on Coast Line by Parish 2001

Parish	2001 Coast Line Population	Population	% Population
St. George	4,774	19,384	24.63
St. John	2,793	5,276	52.94
St. Peter	1,421	1,421	100.00
St. Joseph	2,369	5,636	42.03
St. Paul	6,508	8,325	78.17
St. Luke	1,558	1,558	100.00
St. Mark	1,746	1,873	93.22
St. Patrick	637	8,263	7.71
St. David	1,960	6,743	29.07
St. Andrew	2,186	10,156	21.52
Total	25,952	68,635	37.81

Source: Central Statistical Office 2001 Population Census (Tabulated Data)

Chart 3: Population on Coastline by Parish 2001



**Table 1.8a: Population on Coastline 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	6	18	8	18	7	4	7	18	4	19
TOTAL	1884	2130	368	392	1398	1395	741	680	1195	1174	3178	3330	766	792	850	896	350	287	1033	927	1133	1053
GRAND TOTAL	4014		760		2793		1421		2369		6508		1558		1746		637		1960		2186	

Source: Central Statistical Office 2001 Population Census

**Table 1.9: Gross Domestic Product by Economic Activity, at Factor Cost
in Current Prices (EC\$M) (1997–2004)**

Sector	1997	1998	1999	2000	2001	2002	2003	2004 ^P
Agriculture	107.58	110.27	114.12	112.54	106.38	102.06	106.24	114.49
Crops	86.73	88.36	91.66	90.1	83.67	79.09	82.82	90.64
Livestock	7.94	8.07	8.19	8.27	8.35	8.43	8.53	8.61
Forestry	3.53	3.56	3.59	3.62	3.66	3.69	3.7	3.71
Fishing	9.38	10.28	10.68	10.55	10.7	10.85	11.19	11.53
Mining & Quarrying	5.09	4.63	4.9	5.22	5.24	3.92	4.6	5.28
Manufacturing	42.29	50.81	49.3	54.44	45.13	44.54	46.52	49.41
Electricity & Water	26.21	29.24	33.49	33.92	36.05	36.91	36.9	39.3
Construction	47.66	46.27	48.96	52.19	52.4	39.15	46.04	52.78
Wholesale & Retail Trade	65.39	67.72	70.2	72.58	73.38	69.71	73.2	77.21
Hotels & Restaurants	15.2	15.5	16.16	16.95	15.98	15.47	15.06	17.23
Transport	53.36	55.53	57.56	57.72	52.95	45.30	48.82	55.24
Road Transport	28.64	28.35	28.36	29.76	27.71	22.64	25.97	30.07
Sea Transport	19.98	22.63	24.08	23.08	20.71	18.66	18.49	20.44
Air Transport	4.74	4.55	5.12	4.88	4.53	4.00	4.36	4.73
Communications	44.57	49.46	52.12	47.84	44.34	39.61	26.05	28.17
Bank & Insurance	59.79	65.73	68.72	70.11	70.12	64.81	65.62	70.24
Real Estate & Housing	19.12	19.88	20.27	20.88	21.3	21.82	22.26	22.7
Government Services	103.83	112.87	116.51	121.69	128.37	133.03	127.78	123.98
Other Services	8.47	9.07	9.45	9.5	9.93	10.41	10.37	10.58
Less Imputed Service Charge	43.86	51.93	52.11	53.98	54.09	51.5	48.32	54.24
Total	554.70	585.05	609.65	621.60	607.48	575.24	581.14	612.37
Growth Rate	3.20	5.47	4.20	1.96	-2.27	-5.31	1.03	5.37

Source: Eastern Caribbean Central Bank and Central Statistical Office, National Accounts Statistics, 2004

**Table 1.9a: Gross Domestic Product by Economic Activity, at Factor Cost
in Constant Prices (EC\$M) (1997–2004)**

SECTOR	1997	1998	1999	2000	2001	2002	2003	2004 ^P
Agriculture	86.43	84.71	82.90	81.98	76.59	76.09	73.51	76.07
Crops	67.99	66.00	63.73	62.81	57.20	56.48	53.62	55.92
Livestock	7.13	7.24	7.35	7.42	7.49	7.56	7.65	7.72
Forestry	3.32	3.35	3.38	3.41	3.44	3.47	3.48	3.49
Fishing	7.99	8.12	8.44	8.34	8.46	8.58	8.76	8.94
Mining & Quarrying	3.71	3.36	3.49	3.70	3.61	2.69	3.00	3.22
Manufacturing	30.18	35.26	29.16	31.32	27.06	26.45	26.68	28.06
Electricity & Water	16.68	18.23	19.18	19.66	20.30	20.43	20.05	21.29
Construction	35.05	33.60	34.86	36.97	36.14	26.88	29.95	32.21
Wholesale & Retail Trade	54.26	55.65	57.02	58.45	58.02	55.02	56.89	58.65
Hotels & Restaurants	11.25	10.80	11.26	11.70	10.83	10.47	10.15	11.34
Transport	42.99	44.52	45.12	44.68	42.22	36.70	39.03	43.53
Road Transport	24.52	24.27	24.28	25.47	23.73	19.38	22.23	25.15
Sea Transport	14.65	16.59	16.92	15.35	14.80	13.60	13.01	14.37
Air Transport	3.82	3.66	3.92	3.86	3.69	3.72	3.79	4.01
Communications	44.50	49.38	55.59	53.16	49.71	48.91	35.94	37.74
Banks & Insurance	50.56	54.62	58.31	58.46	56.54	53.27	55.21	58.88
Real Estate & Housing	14.91	15.20	15.50	15.66	15.81	15.96	16.28	16.60
Government Services	74.23	78.33	78.51	82.00	85.77	88.75	86.99	85.91
Other Services	5.61	5.83	6.01	5.98	6.14	6.42	6.30	6.43
Less Imputed Service Charge	39.06	46.25	46.44	47.37	51.39	52.89	44.43	49.53
Total	431.30	443.24	450.47	456.35	437.35	415.15	415.55	430.40
Growth Rate	1.98	2.77	1.63	1.31	-4.16	-5.08	0.10	3.57

Source: Eastern Caribbean Central Bank and Central Statistical Office, National Accounts Statistics, 2004

**TABLE 1.10: Annual Percentage Changes in Gross Domestic Product
by Sector (Current Prices)
1997-2004**

SECTOR	1997	1998	1999	2000	2001	2002	2003	2004 ^P
Agriculture	0.55	2.50	3.49	-1.38	-5.47	-4.06	4.10	7.77
Crops	-1.24	1.88	3.73	-1.70	-7.14	-5.47	4.72	9.44
Livestock	5.73	1.64	1.49	0.98	0.97	0.96	1.20	0.95
Forestry	1.44	0.85	0.84	0.84	1.10	0.82	0.27	0.29
Fishing	14.67	9.59	3.89	-1.22	1.42	1.40	3.12	3.02
Mining & Quarrying	4.95	-9.02	5.83	6.53	0.38	-25.19	17.45	14.64
Manufacturing	7.25	20.15	-2.97	10.43	-17.10	-1.31	4.45	6.22
Electricity & Water	11.06	11.56	14.53	1.28	6.28	2.39	-0.03	6.50
Construction	-1.71	-2.92	5.81	6.60	0.40	-25.29	17.60	14.64
Wholesale & Retail Trade	4.96	3.56	3.66	3.39	1.10	-5.00	5.01	5.48
Hotels & Restaurants	2.98	1.97	4.26	4.89	-5.72	-3.19	-2.65	14.41
Transport	-2.02	4.07	3.66	0.28	-8.26	-14.45	7.77	13.16
Road Transport	1.49	-1.01	0.04	4.94	-6.89	-18.30	14.71	15.79
Sea Transport	-7.67	13.26	6.41	-4.15	-10.27	-9.90	-0.91	10.57
Air Transport	3.04	-4.01	12.53	-4.69	-7.17	-11.70	9.00	8.49
Communications	12.89	10.97	5.38	-8.21	-7.32	-10.67	-34.23	8.12
Bank & Insurance	-2.89	9.93	4.55	2.02	0.01	-7.57	1.25	7.04
Real Estate & Housing	3.46	3.97	1.96	3.01	2.01	2.44	2.00	2.00
Government Services	2.87	8.71	3.22	4.45	5.49	3.63	-3.95	-2.97
Other Services	4.44	7.08	4.19	0.53	4.53	4.83	-0.38	2.00
Less Imputed Service Charge	-4.57	18.40	0.35	3.59	0.20	-4.79	-6.17	12.25
Total	3.20	5.47	4.20	1.96	-2.27	-5.31	1.03	5.37

Source. Eastern Caribbean Central Bank and Central Statistical Office, National Accounts Statistics, 2004

**TABLE 1.10a: Annual Percentage Changes in Gross Domestic Product
by Sector (Constant Prices)
1997-2004**

SECTOR	1997	1998	1999	2000	2001	2002	2003	2004 ^P
Agriculture	-1.49	-1.99	-2.14	-1.11	-6.57	-0.65	-3.39	3.48
Crops	-2.72	-2.93	-3.44	-1.44	-8.93	-1.26	-5.06	4.29
Livestock	1.57	1.54	1.52	0.95	0.94	0.93	1.20	0.95
Forestry	1.53	0.90	0.90	0.89	0.88	0.87	0.29	0.29
Fishing	5.69	1.63	3.94	-1.18	1.44	1.42	2.10	2.00
Mining & Quarrying	3.92	-9.43	3.87	6.02	-2.43	-25.48	11.34	7.55
Manufacturing	2.51	16.83	-17.30	7.41	-13.60	-2.25	0.87	5.17
Electricity & Water	7.47	9.29	5.21	2.50	3.26	0.64	-1.86	6.18
Construction	-1.71	-4.14	3.75	6.05	-2.25	-25.62	11.42	7.55
Wholesale & Retail Trade	2.49	2.56	2.46	2.51	-0.74	-5.17	3.40	3.09
Hotels & Restaurants	1.99	-4.00	4.26	3.91	-7.44	-3.32	-3.06	11.72
Transport	-0.23	3.56	1.35	-0.98	-5.51	-13.07	6.35	11.53
Road Transport	1.49	-1.02	0.04	4.90	-6.83	-18.33	14.71	13.14
Sea Transport	-3.75	13.24	1.99	-9.28	-3.58	-8.11	-4.34	10.45
Air Transport	2.96	-4.19	7.10	-1.53	-4.40	0.81	1.88	5.80
Communications	12.89	10.97	12.58	-4.37	-6.49	-1.61	-26.52	5.00
Bank & Insurance	-4.24	8.03	6.76	0.26	-3.28	-5.78	3.64	6.65
Real Estate & Housing	1.02	1.95	1.97	1.03	0.96	0.95	2.00	2.00
Government Services	2.87	5.52	0.23	4.45	4.60	3.47	-1.98	-1.24
Other Services	2.00	3.92	3.09	-0.50	2.68	4.56	-1.87	2.00
Less Imputed Service Charge	-4.01	18.41	0.41	2.00	8.49	2.92	-16.00	11.48
Total	1.98	2.77	1.63	1.31	-4.16	-5.08	0.10	3.57

Source: Eastern Caribbean Central Bank and Central Statistical Office, National Accounts Statistics, 2004

Table 2.1a: Mean Annual Air Temperature, Relative Humidity and Rainfall (1998–2003)

Year	Mean Annual Air Temperature (°C)		Total Rainfall (mm)	Average Relative Humidity
	Maximum	Minimum		(°C)
1998	30.1	25.3	2693	75
1999	29.6	24.9	1994	73
2000	29.2	24.9	1806	72
2001	29.5	25.1	1940	75
2002	29.7	25.1	1927	75
2003	29.6	24.6	2100	71

Source: *Meteorological Office, Canefield and Melville Hall Airport*

**Table 2.1b: Mean Annual Air Temperature, Relative Humidity and Rainfall (1998–2003)
Melville Hall Airport**

Year	Mean Annual Air Temperature (°C)		Total Rainfall (mm)	Average Relative Humidity
	Maximum	Minimum		(°C)
1998	30.0	25.2	3308	79
1999	29.5	24.8	2308	76
2000	29.2	24.8	2348	77
2001	29.5	25.1	2356	76
2002	29.2	25.0	2378	76
2003	29.1	24.3	2586	75

Source: *Meteorological Office, Melville Hall Airport*

**Table 2.1c: Mean Annual Air Temperature, Relative Humidity
and Rainfall (1998–2003)
Canefield Airport**

Year	Mean Annual Air Temperature (°C)		Total Rainfall (mm)	Average Relative Humidity
	Maximum	Minimum		(°C)
1998	30.2	25.4	2078	72
1999	29.6	24.9	1680	70
2000	29.2	24.9	1263	68
2001	29.5	25.2	1523	75
2002	30.2	25.2	1476	75
2003	30.2	24.9	1615	67

Source: Meteorological Office, Canefield Hall Airport

**Table 2.1d: Sunshine Duration (Hours)
1998-2003**

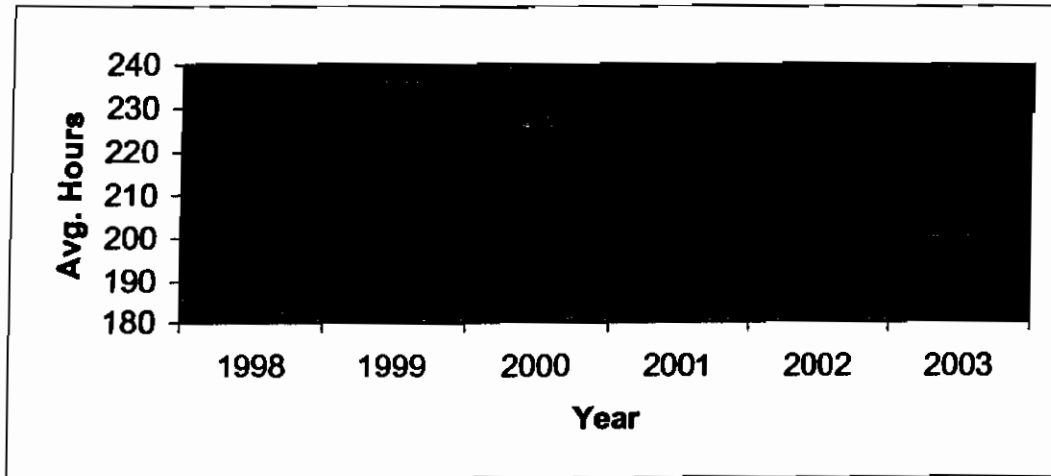
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
1998	227.5	255.9	272.4	248.0	234.8	212.4	240.7	257.8	231.0	192.4	204.2	176.1	229.4
1999	224.0	222.6	251.6	222.8	309.4	231.9	268.4	283.5	239.2	221.4	163.6	187.4	235.5
2000	183.5	208.7	194.2	231.6	259.9	227.0	257.4	261.1	222.0	259.8	193.0	205.9	225.3
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	199.9

Source: Meteorological Office, Melville Hall Airport

Note: *Monthly data reflects 19days total

: Sunshine hours excludes cloud cover

**Chart 4: Average Sunshine Hours
1998-2003**



**Table 2.2: Imports of Ozone Depleting Substances (ODS)
by Year and Type
2000-2003**

Ozone Depleting Substances (kg)	2000	2001	2002	2003
CFC 11	..	..	..	..
CFC 12	2,046	1,441	2,950	1,420
HCFC 22	2,902	2,180	2,160	2,120
CFC115 (0.8 x R502)	120	200.8	-	-

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

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

Year	1995–1997 average	2000	2001	2002	2003	% Change 1995–1997/ 2002	% Change 1995–1997/ 2003
Total ODS (kg)	3270	5068	3821	5110	3,540	36	7.62

Sources: Environmental Coordinating Unit, Ministry of Agriculture and Environment

Table 2.4: Consumption of ODS 2002 - 2003 (KG)

CFC11		CFC12		HCFC22		CFC115 (0.8 x R502)	
2002	2003	2002	2003	2002	2003	2002	2003
10	..	2,600	1,420	2,160	2,120	10	30

Sources: Environmental Coordinating Unit, Ministry of Agriculture and Environment

Table 2.5: Percentage Distribution of Carbon Dioxide (CO₂) Emission by Sector (1994)

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

Source: Initial National Communication
 ECU, Ministry of Agriculture & The Environment

Chart 5: Percentage Emission of Carbon Dioxide by Sector

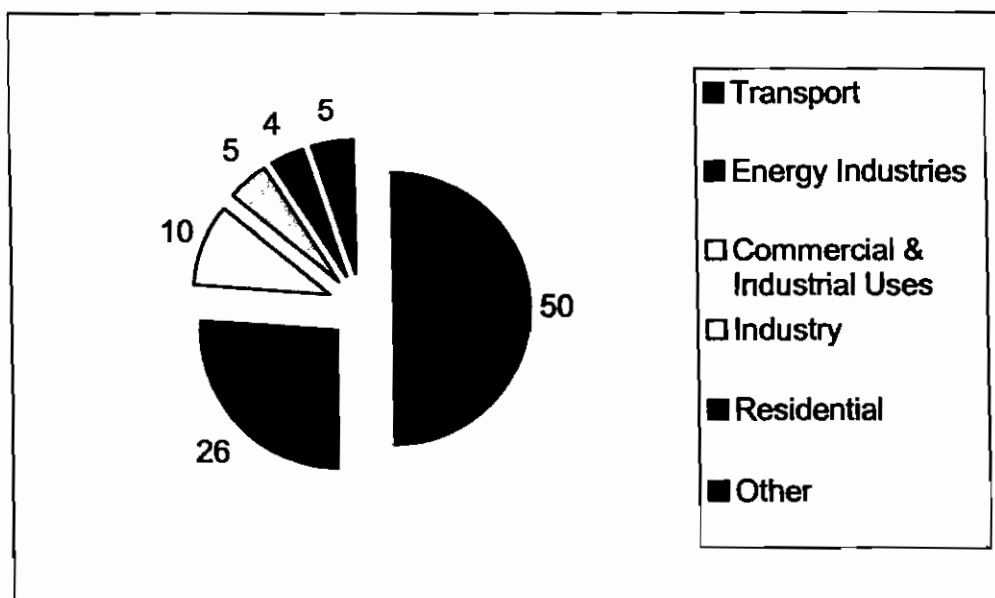


Table 2.6: Emission of CO₂ by Fuel combustion Categories

Fuel	Carbon Dioxide Emission (gg)	% Contribution to Emission of GHG
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

ECU, Ministry of Agriculture & The Environment

(gg: giga grams)

Note: GHG - Green House Gases

Table 3.1: Number of Farms (1958, 1961, 1976, 1983 & 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
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	8,667	76.3	7,922	71.4	8,364	43.0	9,276	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 3.2: 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
1961	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 (1995)
By Size of Farm**

Size of Farm (Acres)	Organic Manure Fertilizers	Inorganic Fertilizers	Agro- Chemicals
0.01-.099	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: Production of Main Agricultural Crops (1998–2003)
(tonnes)**

Crops	1998	1999	2000	2001	2002	2003
Bananas	37,145	34,979	37,800	25,048	24,645	18,278
Coconuts	13,569	13,598	11,820	10,675	9,945	9,669
Dasheens	11,903	11,929	11,754	11,559	11,563	11,378
Grapefruits	19,100	16,645	18,222	18,301	18,620	16,899
Limes	1,447	1,147	1,356	1,285	1,262	1,128
Mangoes	1,700	1,671	1,720	1,682	1,628	1,654
Oranges	3,851	3,521	3,553	3,594	3,517	3,528
Plantains	8,608	8,344	8,060	7,646	7,555	7,644
Sweet Potatoes	1,665	1,653	1,695	1,709	1,643	1,681
Tannias	3,534	3,518	3,409	3,295	3,267	3,339
Yams	7,290	7,187	6,880	6,835	6,707	6,952
Pears	469	628	540	562	559	698
Other Crops	6,335	6,559	6,688	5,921	5,776	5,871
TOTAL	116,616	111,379	113,497	98,112	96,687	88,719

Source: Ministry of Agriculture & Central Statistical Office

**Table 3.5: Livestock Production (1998–2003)
Number Inspected**

Livestock	1998	1999	2000	2001	2002	2003
Cows	473	507	513	379	391	382
Pigs	689	671	731	659	675	623
Goats/Sheep	63	57	71	86	87	58
Chickens	936	1,112	1,036	1,500	1,775	2,748

Source: Environmental Health, Ministry of Health

**Table 3.6: Imports of Pesticides
(1999–2003)**

(tonnes)

Type	1999	2000	2001	2002	2003
Insecticide	136	55	34	36	31
Fungicide	50	17	15	6	11
Herbicide	130	113	75	64	68
Rodenticide	11	8	5	5	3

Source: Central Statistical Office

N.B. Quantity in tonnes

**Table 3.7: Number of Licenses issued for the Importation of Pesticides
(1998–2003)**

Type	1998	1999	2000	2001	2002	2003
Insecticide	22	31	34	na	25	36
Fungicide	8	11	3	na	7	7
Nematicide	0	0	0	na	0	1
Molluscicide	1	2	0	na	3	4
Pheromone	0	2	0	na	0	0
Spreader	1	1	0	na	2	0
Buffer	0	1	0	na	0	0
Total	32	48	37	46	37	48

Source: Pesticide Control Board, Ministry of Agriculture

Note: na (data not available)

Table 3.8: Importation of Fertilizers by Type

(tonnes)

TYPE	1999	2000	2001	2002	2003
Nitrogenous fertilizers	29	28	27	92	33
Phosphate fertilizers	0.01	0	0	0	0.1
Potash fertilizers	0	0	0	22	0.05
Other Mixed	4202	3062	2501	1003	1863
Total	4231	3090	2528	1117	1896

Source: Central Statistical Office

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

Table 4.2: Estimated Number of Endangered/Threatened Species

Specie	Number of Native Species	Number of Endangered/Threatened Species	Endangered/Threatened Species as a % of Total
Birds	59	2	3
Mammals	15	0	0
Lizards	10	1	10
Amphibians (Frogs)	3	1	33
Crustaceans	31	0	0
Fresh Water Fish	10	0	0

Source: Forestry and Wildlife Division, Ministry of Agriculture

Comments:

The mountain chicken, a large amphibian native 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 amphibian.

The Sisserou Parrot, (the National Bird of Dominica), and the Jaco Parrot remain the only threatened bird species. The Iguana is the only threatened lizard species.

Table 4.3: Number of Licenses Issued by Type (1998 - 2003)

	1998	1999	2000	2001	2002	2003
Hunting	193	0	0	223	142	139
Fishing	167	0	0	128	172	79
Removal Permits*	202	216	0	121	...	...
Timber Cutting Licence	68	49	0	35	40	48

Source: Forestry and Wildlife Division, Ministry of Agriculture

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

COASTAL AND MARINE RESOURCES

Table 5.1: Fish Landed (2000–2003)

Year	Quantity "000kg
2000	495
2001	525
2002	641
2003	404

Source: Fisheries Division, Ministry of Agriculture

**Table 5.2: Registration Details – Fishers
As at year ending 2003**

Status	Male	Female	Total
Full-Time	495	2	497
Part Time	728	7	735
Unspecified	131	2	133
Total	1354	11	1365

Source: Fisheries Division, Ministry of Agriculture

**5.3: Number of Shrimp/Prawn Farms
(1995 - 2003)**

Location	Number of Farms	Number of Farms
	(1995–1999)	(1995–2003)
Belfast	1	1
Canefield	1	1
Marigot	1	0
Garden	1	1
Castle Bruce	1	0
Stowe	1	1
Layou Valley	1	1
Total	7	5

Source: Fisheries Division, Ministry of Agriculture

Table 5.4: Marine Reserves

Reserve	Year Established	Area (Acres)
Cabrits National Park (Marine Section)	1996	1054
Soufriere/Scottshead Marine Reserve (SSMR)	1998	1606.28
Total		2660.28

Source: Forestry and Wildlife Division, Ministry of Agriculture

Table 5.5: Type of Restrictions for Threatened and Protected Marine Species

Specie	Type of Season
Lobster	30 April - 1st September (Closed Season)
Turtles	1st June - 31st September (Closed Season)
Conch	Size of catch restricted

Source: Forestry and Wildlife Division, Fisheries Division and the Ministry of Agriculture

Comments:

The period 1st June - 31st 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 breed. With reference to conchs, the catch size is restricted to 18cm in length.

Table 5.6: Mangrove Area by Location and Number of Trees (1998–2003)

Location	Species of Mangrove	Number of Trees					
		1998	1999	2000	2001	2002	2003
Hampstead Bay Marigot	White	24	24	24	24	24	24
Cabrits Swamp Portsmouth	White	69	69	69	69	69	69
Tou Ma Tante Calibishie	Black	18	17	17	17	17	17
Eden-on-Sea Wesley	Black	6	5	5	5	5	5
Nyah Estate, Grand Savanne Salisbury	Black	9	9	9	9	9	9
Bibay, Laplaine	Black	<30	<30	46	46	46	46
Bottom Wesley	Black	<10	<11	<12	<13	<14	<15
Bout Sab, Laplaine	Black	-	-	8	8	8	8

Source: Forestry and Wildlife Division, Ministry of Agriculture

Comments:

The area/stand of mangroves has remained almost constant over the years, except for the Bibay stand which grew by 16 trees in 2000 over the previous years. A new area, the Bout Sab in La Plaine, with 8 trees, has been recorded from 2000.

ENERGY

Table 6.1: Electricity Generation, Sales and Consumers (1998–2003)

Description	1998	1999	2000	2001	2002	2003
Generation (1000 kWh)						
Hydro	33,670	32,410	31,590	27,036	35,929	28,523
Diesel	36,630	42,226	45,336	53,929	44,203	48,404
Total	70,300	74,636	76,926	80,965	80,132	76,927
Diesel Fuel used in Generation (Imp. Gallon)	2,131,978	2,467,509	2,683,510	3,099,157	2,585,509	2,771,990
Sales (1000 kWh)						
Domestic	28,716	30,023	30,872	31,779	32,856	32,942
Commercial	17,079	18,747	19,206	19,817	25,597	24,142
Industrial	4,348	4,553	4,420	4,009	4,607	4,354
General Lighting	6,110	6,202	6,409	7,181	9	2
Street Lighting	1,041	1,069	1,098	1,128	1,125	1,295
Total	57,294	60,594	62,005	63,914	64,194	62,735
Consumers at Year End						
Domestic	21,528	22,196	22,802	23,069	23,210	24,333
Commercial	1,590	1,824	1,909	2,440	2,992	2,828
Hotels	24	23	23	21	18	60
Industrial	41	42	41	42	33	35
Street Lighting	202	223	234	229	239	253
General Lighting	1216	1297	1374	864	3	4
TOTAL	24,601	25,605	26,383	26,665	26,495	27,513

Source: Dominica Electricity Services

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

Table 6.2: Per Capita Energy Use/day (1998 - 2003)

Year	Domestic Consumption '000Kwh	End of Year Population	Per Capita Use/day
1998	28716	71,984	0.0011
1999	30023	71,644	0.0011
2000	30872	71,443	0.0012
2001	31779	70,401	0.0012
2002	32856	70,363	0.0013
2003	32942	70,340	0.0013

Source: Dominica Electricity Services Annual Report & Central Statistical Office

Note:

Per Capita use = Domestic Consumption/Population/365

Table 6.3: Fuel Imports (1999 - 2003)

FUEL TYPE '000 m ³	1999	2000	2001	2002	2003
Motor Spirit	19	21	18	18	18
Kerosene	0.28	6	0.54	0.08	0.73
Diesel	21	22	23	19	25
Other Partly Refined	1	1	0.76	0.15	...
Other Bunker "C" Grade Fuel Oil	0.83	1	1	1	1

Source: Central Statistical Office

Note: '000m³ - Thousand Cubic Metres

Table 6.4: Imports of Selected Petroleum Products and Liquified Gases (1999 - 2003)

000kgs

TYPE OF PRODUCTS	1999	2000	2001	2002	2003
Propane	2,470	2,257	1,927	1,893	1,846
Butane	223	61	113	407	300
Lubricating Oils	432	463	407	416	369
TOTAL	3,125	2,781	2,447	2,716	2,515

Source: Central Statistical Office

WATER

Table 7.1: Portable Water Consumption and Distribution (1999–2003)

Distribution	1999	2000	2001	2002	2003
Domestic					
Metered – number	8,072	8,405	8,969	10,252	11,127
Non-metered – number	6,189	5,231	4,701	3,843	3,428
Consumption ('000 gals)	342,000	336,071	358,543	373,160	395,108
Industrial					
Metered – number	69	65	61	63	62
Consumption ('000 gals)	54,060	35,648	25,541	27,210	29,553
Commercial					
Metered – number	498	449	491	618	660
Consumption ('000 gals)	104,940	60,343	68,044	68,700	68,724
Government					
Metered – number	176	193	213	221	237
Consumption ('000 gals)	90,000	69,158	107,006	112,428	107,462
Standpipes – number	599	600	600	565	564
Consumption ('000 gals)	165,324	123,993	n.a.	n.a.	n.a.
Total Consumption	771,927	625,213	559,134	581,498	600,847

Source: Dominica Water & Sewerage Co Ltd

Note: Consumption from standpipes is not officially recorded since government pays flat rate.

Table 7.2: Estimated Per Capita Water Consumption 1999-2003

Year	Consumption '000 gals	End of Year Population	Estimated Per Capita Consumption (gals)
1999	771,927	71,644	30
2000	625,213	71,443	24
2001	559,134	70,401	22
2002	581,498	70,363	23
2003	600,847	70,340	23

Source: Central Statistical Office & Dominica Water & Sewerage Co 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

Source: 1970, 1981 and 2001 Population and Housing Censuses

WASTE

Table 8.1: Solid Waste Disposal (1998–2003)

Landfill Waste Disposal (tonnes)	
Year	Quantity
1998	12,000
1999	12,775
2000	20,731
2001	22,900
2002	23,000
2003	27,980

Source: Dominica Solid Waste Corporation

Comments:

The Dominica Solid Waste Corporation has implemented a new system, where waste is collected every other day. This system is called the kerb side collection system. Waste bins are made available to households and business establishment at a cost. A monthly fee for the waste collection is paid to city or town councils or to the main office of the Solid Waste Management Corporation.

Table 8.2: Annual Expenditure on Solid Waste Management (1998/1999–2002/2003)

Year	EC \$'000
1998/1999	2,226
1999/2000	2,213
2000/2001	2,992
2001/2002	3,299
2002/2003	3,136

Source: Dominica Solid Waste Management Corporation

Table 8.3: Per Capita Waste Disposal (1998 - 2003)

Year	Total Waste Disposal (tonnes)	End of Year Population	Per Capita Waste Disposal (kg) (Per day)
1998	12,000	71,984	2.25
1999	12,775	71,644	2.41
2000	20,731	71,443	3.92
2001	22,900	70,401	4.39
2002	23,000	70,363	4.41
2003	27,980	70,340	5.37

Source: Dominica Solid Waste Corporation & Central Statistical Office

Notes:

Per Capita = Total Waste*2240/population/365*2.2

Table 9.1: Imports of Motor Vehicles by Type (1998–2003)

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

Source: Central Statistical Office and Customs Department

TABLE 9.2: Number of Motor Vehicle Licensed and Registered (1)

(1999 – 2003)

Year	NUMBER OF MOTOR VEHICLES LICENSED DURING THE YEAR (1)							TOTAL
	PRIVATE CARS (2)	Taxis	BUSES	MOTOR CYCLES (3)	TRUCKS (4)	JEEPS	TRACTORS (5)	
1999	5,846	158	1184	324	1,748	1331	47	10,638
2000	6,636	185	1371	437	2,057	1682	62	12,430
2001	7,283	208	1494	527	2,199	1971	68	13,750
2002	7,712	228	1593	656	2,315	2156	71	14,731
2003	8,110	243	1693	775	2,414	2330	77	15,642

Source: Traffic Department, Commonwealth of Dominica Police Force

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 100 Population
(1999 - 2003)**

Year	Number of Vehicles Licensed	End of Year Population	Vehicles per hundred persons
1999	10,638	71,644	15
2000	12,430	71,443	17
2001	13,750	70,401	20
2002	14,731	70,363	21
2003	15,642	70,340	22

Source: Traffic Department & Central Statistical Office

Notes:

Vehicles per hundred person = Number of Vehicles Licensed/Population*100

**Table 9.4: Aircraft Movement and Cargo Handled
(1999 - 2003)**

Year	Total Number of Aircraft Movements	Cargo (kg)	
		Set Down	Picked Up
1999	13,898	742,134	355,561
2000	14,504	692,531	292,864
2001	16,710	490,712	223,746
2002	15,118	429,764	199,750
2003	14,308	376,456	146,849

Source: Travel Report, Central Statistical Office

TABLE 10.1: Tourist Arrivals by Purpose of Visit (1997 - 2004)

Year	Holiday	Business	Student	Other	Total
1997	53,464	7,849	3,991	142	65,446
1998	53,965	7,981	3,377	178	65,501
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

Source: Travel Report, Central Statistical Office

Chart 6: Tourist Arrivals by Purpose of Visit (1997 - 2004)

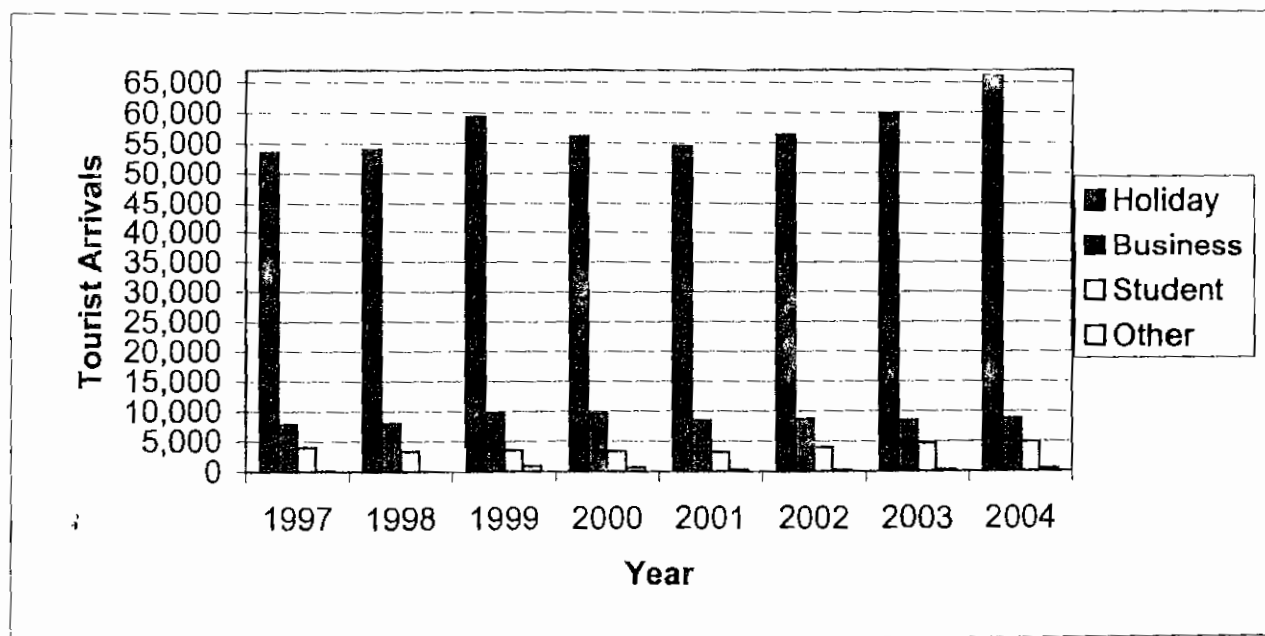


Table 10.2: Visitor Arrival by Mode of Travel (1997 - 2004)

Mode of Travel	1997	1998	1999	2000	2001	2002	2003	2004
AIR	48,332	46,702	53,531	49,887	47,258	49,283	51,711	56,242
SEA	20,424	20,267	23,899	22,367	21,114	21,586	25,407	26,422
CRUISE SHIP	230,581	244,603	202,003	239,796	207,627	136,859	177,044	383,614

Source: Travel Report, Central Statistical Office

TABLE 10.3: Registered Hotels and Guesthouses (1995 – 2003)

Year	Hotels		Guesthouses		Apartment & Cottages		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	572	25	230	26	174	71	976

Source: Travel Report, Central Statistical Office

TABLE 10.4: Number of Visitors to Tourist Attraction Sites (1999-2003)

Site	1999	2000	2001	2002	2003	TOTAL 1999 - 2003
Emerald Pool	92,689	97,486	82,440	52,094	61,306	386,015
Trafalgar Falls	83,876	97,694	85,602	49,052	66,901	383,125
Soufriere Sulphur Springs	12,792	12,014	11,361	9,340	6,786	52,293
Middleham Falls	4,662	4,242	5,088	4,251	5,161	23,404
Indian River	16,212	10,422	14,863	10,852	16,134	68,483
Cabrits National Park	13,811	11,858	14,201	14,013	13,969	67,852
Syndicate Natural Trails	828	432	513	219	314	2,306
Boiling Lake	3,567	2,995	2,870	3,653	3,451	16,536
Boeri/Fresh Water Lake	5,448	3,824	4,898	5,034	4,712	23,916
TOTAL	233,885	240,967	221,836	148,508	178,734	1,023,930

Source: Forestry Division, Ministry of Agriculture

CHAPTER 11: NATURAL DISASTER

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

Source: Dominica, Natural Disasters and Economic Development in a Small Island State, Disaster Coordinating Unit, and OECS Secretariat

Note: ... not available

BIBLIOGRAPHY

Central Statistical Office: 2001 Population and Housing Census
Demographic Statistics 2004
Statistical Digest 1999
Travel Report 2004
National Accounts Statistics 2004

Dominica Electricity Services: Annual Reports 1999 and 2004

Dominica: Natural Disasters and Economic Development in a Small Island State

Ministry of Agriculture: 1995 Dominica Agricultural Census Final Results
: Environmental Coordinating Unit - Initial National Communication

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