

Annex D
Statistical Tables

Table A.4.1: Dominica GDP by economic activity at factor cost, 1977 -

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Agriculture	83.1	92.4	62.9	61.6	75.3	77.0	77.7	82.5	79.1	91.9	95.4	101.4	86.6
Crops	80.5	91.0	59.5	50.7	62.0	64.2	64.2	68.7	63.7	76.2	79.3	84.9	70.1
Livestock	2.2	2.2	2.5	3.1	4.1	4.5	4.8	4.6	5.5	5.8	5.9	6.0	6.1
Forestry	1.4	1.4	1.6	1.6	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.7
Fishing	4.4	4.5	2.2	6.2	6.3	5.8	5.9	6.6	7.3	7.4	7.6	7.9	7.7
Mining &	2.4	2.5	1.7	1.7	1.7	1.9	1.8	2.1	2.1	2.0	2.3	2.9	3.0
Manufacturin	8.6	11.9	9.9	12.6	14.8	17.4	17.8	17.6	19.9	20.7	22.0	24.2	25.7
Electricity &	6.3	6.7	5.8	5.8	6.3	6.4	6.9	7.1	7.6	8.0	8.6	9.2	9.9
Constructro	11.8	11.8	14.5	25.9	22.0	19.1	18.0	20.7	18.5	15.6	17.6	22.9	24.2
Wholesale & Retail	20.5	24.2	16.8	23.9	25.2	25.2	24.7	25.0	27.3	30.0	33.4	36.1	39.5
Hotels and	3.5	4.0	3.0	2.7	2.6	2.9	3.3	3.8	3.7	4.2	4.6	5.3	5.5
Transport	16.6	17.7	16.1	17.0	14.3	16.3	22.0	22.9	24.7	27.4	29.0	31.7	31.9
Road	10.1	10.5	10.3	10.6	8.0	9.6	13.7	14.1	16.2	17.9	18.2	19.7	19.2
Sea	5.1	6.0	3.6	4.9	6.0	6.0	6.6	7.0	6.7	7.7	8.7	9.3	9.7
Air Transport	1.6	1.9	1.5	1.4	1.4	1.5	1.6	1.8	1.7	1.8	2.0	2.7	3.0
Communication	4.4	5.1	5.2	5.6	7.0	7.9	10.1	10.9	12.1	13.5	18.6	20.5	23.2
Banks &	18.8	23.3	25.7	27.8	28.4	28.6	28.7	29.5	31.0	32.0	33.6	36.4	38.8
Real Estate &	9.9	10.1	7.7	11.2	11.4	11.5	11.8	11.9	12.0	12.1	12.4	12.7	13.1
Government	43.6	49.8	52.4	54.5	56.7	58.4	59.3	60.5	62.0	62.6	64.2	66.1	66.9
Other	2.8	2.8	2.5	2.8	2.9	3.1	3.1	3.2	3.2	3.3	3.4	3.6	3.8
Less Imputed Service	10.7	13.3	14.6	14.1	14.4	14.6	14.6	15.3	16.0	16.5	17.3	21.2	24.3
Total	223.0	250.8	208.2	242.4	257.9	264.1	270.6	282.3	287.1	306.7	327.6	351.7	347.8
Growth rate		12.4	-12.0	16.4	6.4	2.4	2.5	4.3	1.7	6.8	6.8	7.4	-1.1

Source : Dominica Central Statistical Office

Table A.4.1: Dominica GDP by economic activity at factor cost, 1977-1999 (constant

	199	199	199	199	199	199	199	199	199	199	199
Agricult	92.	92.	93.	94.	90.	83.	87.	86.	85.	85.	85.
Crop	77.	76.	78.	77.	73.	65.	69.	68.	66.	66.	66.
Livesto	6.	6.	6.	6.	6.	6.	7.	7.	7.	7.	7.
Forest	2.	2.	3.	3.	3.	3.	3.	3.	3.	3.	3.
Fishin	5.	5.	5.	6.	7.	7.	7.	8.	8.	8.	8.
Mining &	3.	2.	2.	3.	3.	3.	3.	3.	3.	3.	3.
Manufactu	26.	27.	29.	30.	27.	27.	29.	30.	36.	31.	31.
Electricity &	11.	11.	13.	12.	13.	14.	15.	16.	18.	19.	19.
Construct	28.	28.	28.	29.	32.	36.	35.	35.	34.	35.	35.
Wholesale & Retail	41.	42.	43.	44.	49.	50.	52.	54.	55.	57.	57.
Hotels and	7.	8.	9.	10.	11.	11.	11.	11.	11.	11.	11.
Transp	36.	34.	36.	38.	39.	40.	43.	43.	44.	46.	46.
Road	19.	20.	21.	21.	22.	23.	24.	24.	24.	24.	24.
Sea	12.	10.	11.	13.	13.	14.	15.	14.	16.	18.	18.
Air	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
Communicat	23.	28.	31.	31.	32.	38.	39.	44.	45.	45.	45.
Banks &	41.	48.	47.	47.	49.	53.	52.	50.	53.	56.	56.
Real Estate &	13.	13.	13.	14.	14.	14.	14.	14.	15.	15.	15.
Government	69.	70.	70.	71.	72.	71.	72.	74.	77.	78.	78.
Other	3.	4.	4.	4.	4.	5.	5.	5.	5.	5.	5.
Less Imputed	28.	36.	36.	36.	36.	41.	40.	39.	40.	43.	43.
Tota	369.	377.	388.	395.	403.	410.	422.	431.	446.	447.	447.
<i>Growth rate</i>	6.	2.	2.	1.	2.	1.	3.	2.	3.	0.	0.

Source : Dominica Central Statistical

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Table A.2 Logarithmic regression results: factors explaining variations in rates of growth of GDP, agricultural GDP, and non-agricultural GDP, 1978-98

	GDP		Agricultural GDP		Non-agricultural GDP	
	Simple specification	More complex specification	Simple specification	More complex specification	Simple specification	More complex specification
Constant	C 35	101E	0 89D	0 04E	0 241	C 13D
Composite dummy series	NA	NA	NA	-0 04J (1 867)	NA	NA
	NA	NA	NA	0 001 (1 552)	NA	NA
1979 dummy	C 215	-0 214	-0 13D	NA	-0 131	C 116
	-1 758Z	-1 35 0801	(5 072)	NA	(4 530)	(1 0234)
	C 114	0 131	budget constraint	NA	0 100	C 125
	(3 974)	(2 207)			0 287	(3 948)
1993 dummy	budget constraint	-0 051	-0 480	NA	budget constraint	budget constraint
	budget constraint	-1 4 8951	(3 71)	NA	budget constraint	budget constraint
	budget constraint	2 4591	budget constraint	NA	budget constraint	budget constraint
1995 dummy	budget constraint	-0 072	budget constraint	NA	budget constraint	budget constraint
	budget constraint	-1 1 8031	budget constraint	NA	budget constraint	budget constraint
	budget constraint	1 8401	budget constraint	NA	budget constraint	budget constraint
1997 dummy	NA	-0 05E	NA	budget constraint	NA	C 10E
	NA	-2 4891	NA	budget constraint	NA	(1 108)
	NA	2 00X	NA	budget constraint	NA	budget constraint
	NA	5 3401	NA	budget constraint	NA	budget constraint
1998 dummy	NA	0 053	NA	0 12B	NA	C 03
	NA	(2 830)	NA	(2 12)	NA	(3 236)
	NA	budget constraint	NA	budget constraint	NA	budget constraint
1999 dummy	NA	budget constraint	NA	budget constraint	NA	budget constraint
	NA	budget constraint	NA	budget constraint	NA	budget constraint
	NA	1 114	NA	budget constraint	NA	budget constraint
	NA	2 2301	NA	budget constraint	NA	budget constraint
Government consumption	NA	budget constraint	NA	budget constraint	NA	budget constraint
	NA	-0 17E	NA	0 043	NA	budget constraint
	NA	(2 959)	NA	(1 345)	NA	budget constraint
Adjusted R ²	0 73	8 2E	0 66	1 87	0 15	0 06
Durbin-Watson Statistic	1 67	3 1E	2 10	1 87	1 13	2 24
Diagnostic	F-statistic on all variables		F-statistic on all variables		F-statistic on all variables	

Note: Results are reported with 95% confidence intervals in parentheses. All variables are in logarithmic form. The dependent variable is the rate of growth of GDP, agricultural GDP, or non-agricultural GDP. The composite dummy series is defined as the sum of all dummy variables. The Durbin-Watson statistic is reported in parentheses. The adjusted R² is reported in parentheses. The F-statistic is reported in parentheses. The F-statistic is reported in parentheses. The F-statistic is reported in parentheses.

Table A 5.1.1: Agricultural commodity production and fish landed in Dominica, 1961-1998 (tonnes)

Year	Bananas	Coconuts	Roots and Tubers	Citrus	Fish Landed
1961	29211	10000	15950	16700	500
1962	28667	9000	16160	15800	600
1963	28597	10600	16770	14850	600
1964	42545	8000	17030	16000	600
1965	49756	10600	17400	18150	500
1966	48840	12700	17800	16194	500
1967	48470	11000	18150	16250	500
1968	55884	11200	18450	16550	600
1969	60000	11500	18830	16580	600
1970	44000	12300	19250	16800	500
1971	39000	12700	19800	16830	600
1972	38000	12000	20250	17050	700
1973	28000	17200	20760	17180	800
1974	36000	15800	21270	17300	900
1975	36694	17100	21813	18739	1001
1976	40362	17000	23170	24111	1024
1977	36358	18000	24660	23710	1047
1978	48386	18500	26730	21785	1070
1979	24398	18000	25099	14955	642
1980	15120	7000	26941	16244	1445
1981	35252	6290	27346	17143	1514
1982	35423	11000	27416	17926	1545
1983	38013	17000	27043	13679	800
1984	41177	16200	27685	14079	700
1985	42656	16200	24636	17357	640
1986	62741	13800	27870	18957	644
1987	67725	14000	25167	29592	500
1988	76872	15500	27571	32822	500
1989	58259	15500	29705	28586	500
1990	66706	11300	32517	21370	448
1991	66679	13250	24604	19013	552
1992	61449	13567	22468	22206	711
1993	64149	15130	24949	16434	794
1994	52000	14000	23700	17300	882
1995	40500	13300	23479	16022	838
1996	47397	13300	25772	27315	840
1997	41700	12200	26232	30335	850
1998	30000	11000	26100	29900	NA

Source: FAO Agristat

Notes: NA Not available

Table A5.1.2: Dominica: Production and Prices of 10 Major Crops in 1977, 1987 and 1997*

a Value of Production as a Percentage of the Total Value of Assessed Products										
	Banana	Coconut	Cabbage	Cucumber	Dasheen	Grapefruit	Lime	Orange	Tannias	Yam
1977	27.6	5.6	2.0	4.6	17.9	6.6	8.8	3.2	14.5	9.2
1987	39.2	10.6	4.3	1.9	10.2	5.0	5.8	3.0	10.4	9.5
1997	27.3	20.3	2.8	1.9	10.5	3.5	2.4	4.2	8.1	19.0
b Relative Price/MT Index (Base=Banana Price/MT Index in that year)										
	Banana	Coconut	Cabbage	Cucumber	Dasheen	Grapefruit	Lime	Orange	Tannias	Yam
1977	100.0	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	100.0	59.1	271.9	66.5	99.8	57.6	150.5	87.7	114.1	103.5
1997	100.0	108.4	171.2	78.1	94.2	64.8	276.8	146.4	133.0	143.7
c Agricultural Production Index (Base=1997)										
	Banana	Coconut	Cabbage	Cucumber	Dasheen	Grapefruit	Lime	Orange	Tannias	Yam
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	193.0	77.8	187.3	85.5	77.8	180.2	59.4	147.1	85.5	135.7
1997	124.9	74.5	104.8	67.6	78.9	104.3	12.2	113.9	53.0	182.1
d Agricultural Production Index Relative to Banana Production (Base=banana production in reference year)										
	Banana	Coconut	Cabbage	Cucumber	Dasheen	Grapefruit	Lime	Orange	Tannias	Yam
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	100.0	40.3	55.6	44.3	40.3	93.3	30.8	76.2	44.3	70.3
1997	100.0	59.7	83.9	54.2	63.2	83.5	9.8	91.2	42.5	145.8

Source: GoCD (1999) and FAO Agrostat

Notes: All data used in the computation of tables 5.1.2a to d, was derived from GeCD statistics, with the exception of coconut production volumes (FAO estimate for 1987) and coconut producer prices (FAO estimates used for 1977 and 1987). This was deemed necessary due to data anomalies in the coconut data field.

* The top 10 agricultural commodities selected by greatest productive value over period versus total agricultural productive value.

Table A.5.1.3; WINCROP Insurance claims in Dominica

	Reported growers	Active growers	Holdings	Claims	Total payment (EC\$'000)
1987				219	238
1988				1,283	528
1989				6,730	7,905
1990	7,833		10,751	999	450
1991	8,858		11,327	1,056	690
1992	9,318		11,702	1,225	637
1993	9,537	5,779	12,198	728	643
1994	9,446	6,763	12,272	1,489	1,777
1995	9,580	6,218	12,482	7,022	8,224
1996	9,611	5,471	12,435	194	106
1997	9,761	4,793	12,596	201	108
1998	7,895	3,133	12,796	1,016	556
1999	3,038 *	3,038 *		1,474	1,106

Source: WINCROP

* Growers being re-registered during 1999

Table A.9.1: Dominica consumer price index - year-end monthly (Dec)

	<i>Index (Feb 1994 = 100)</i>		<i>Year-on-year % increase</i>	
	All CPI	Food CPI	All CPI	Food CPI
197	29.			
197	31.		5.7	
197	33.		8.5	
197	36.		9.5	
197	49.		34.	
198	60.	65.	21.	
198	65.	70.	8.1	6.5
198	67.	70.	4.1	0.0
198	69.	70.	2.7	-
198	70.	70.	2.0	0.7
198	73.	72.	3.5	3.1
198	75.	75.	3.0	3.3
198	77.	78.	2.9	5.2
198	81.	86.	5.2	9.3
198	88.	89.	8.2	3.9
199	92.	92.	4.6	3.2
199	94.	92.	2.0	0.4
199	98.	100.	4.4	7.8
199	100.	100.	1.7	0.7
199	100.	96.	-	-
199	101.	99.	1.4	2.4
199	103.	101.	2.0	2.7
199	105.	103.	2.3	1.5
199	107.	105.	1.4	2.0
199	107.	103.	0.0	-

Source: GoCD, various.

Table A.10.1: Dominica - Recurrent and capital central government revenue and expenditure, 1977/78-1999/2000 (at constant 1990 EC\$'000)

	Recurrent budget				Capital budget			
	Revenue		Expenditure		Revenue		Expenditure	
	Local duty	Revenue grants from oversea	Loans	Total	Local duty	Revenue grants from overseas	Loans	Total
1977/197	59,935	17,746	-	77,682	52	3,554	478	4,084
1978/197	55,046	18,759	-	73,805	90	4,456	188	4,734
1979/198	58,288	48,396	2,213	108,89	35	8,210	205	8,450
1980/198	80,149	4,032	-	84,181	42	28,325	7,780	36,147
1981/198	93,022	3,683	-	96,705	98	16,439	13,919	30,357
1982/198	88,876	1,497	-	90,373	792	14,967	22,686	38,445
1983/198	100,14	-	-	100,14	288	37,479	14,860	52,627
1984/198	100,03	-	-	100,03	70	40,661	13,834	54,565
1985/198	105,25	-	-	105,25	85	49,485	8,601	58,171
1986/198	110,27	-	-	110,27	2,408	5,618	6,403	14,429
1987/198	123,66	-	-	123,66	20,334	8,949	17,110	46,394
1988/198	128,64	-	-	128,64	8,377	7,074	10,220	25,671
1989/199	124,71	-	-	124,71	374	20,095	38,330	58,799
1990/199	128,46	-	-	128,46	1,292	11,780	24,720	37,792
1991/199	131,32	-	-	131,32	2,365	8,300	19,276	29,941
1992/199	130,65	-	-	130,65	5,530	13,298	3,614	22,442
1993/199	133,12	-	-	133,12	1,088	8,562	5,922	15,57
1994/199	-	-	-	128,56	5,319	4,572	20,18	30,07
1995/199	-	-	-	135,29	881	6,228	5,587	12,69
1996/199	-	-	-	144,00	19,17	4,277	9,027	32,47
1997/199	-	-	-	146,30	12,16	4,783	25,22	42,17

Source: GoCD, 1999

Table A.10.2: Dominica - Central government revenue by principal types, 1977/78-1997/98 (at constant 1990 EC\$'000)

	Export duty		Income tax		Consumption		Banana development levy	Other local revenue	Total		
	duty		Personal	Corporate	Licences	duty			local revenue	External revenue	Total revenue
1977/1	10,1		62	13,5	2,76	1,17	15,1	97	16,4	60,0	81,7
1978/1	8,66		76	9,17	2,42	1,33	13,9	0	18,8	55,1	78,5
1979/1	7,03		18	12,3	2,39	1,11	18,8	1,16	15,1	59,4	117,3
1980/1	11,0		16	19,7	4,87	1,58	29,4	14	13,1	80,2	120,3
1981/1	13,6		32	22,6	3,42	1,84	30,8	16	20,0	93,0	127,0
1982/1	11,5		31	22,8	2,67	1,98	28,7	12	20,6	89,0	128,8
1983/1	14,6		32	22,9	3,95	2,19	32,3	15	23,7	100,5	152,7
1984/1	13,5		27	23,8	6,18	2,68	40,9	20	12,4	100,3	154,6
1985/1	13,3		30	22,8	9,25	2,83	45,5	18	11,0	105,3	163,4
1986/1	12,7		0	18,8	9,13	3,50	55,4	5	12,9	112,6	124,7
1987/1	15,8		0	17,2	15,1	4,19	55,0	4,86	31,6	148,8	170,0
1988/1	19,7		0	16,4	9,62	4,52	49,4	3,26	33,9	140,2	154,3
1989/1	20,3		0	14,1	14,9	4,54	46,0	66	24,3	125,7	183,5
1990/1	20,3		0	13,7	13,2	4,62	44,4	4,16	28,5	133,2	166,2
1991/1	19,8		0	13,4	15,6	4,33	40,7	5,55	18,8	124,9	161,2
1992/1	19,5		0	14,8	14,2	6,00	41,8	2,02	9,86	110,4	153,1
1993/1	17,8		0	13,8	14,3	5,74	41,4	0	40,9	134,2	148,6
1994/1	16,1		0	17,3	11,5	4,72	39,5	0	39,2	128,5	158,6
1995/1	15,5		38	15,6	18,3	5,11	42,2	0	38,2	135,2	147,9
1996/1	16,4		23	17,9	17,1	5,56	41,5	0	45,3	144,0	176,4
1997/1	18,4		23	18,6	18,2	7,03	43,0	0	40,8	146,3	188,4

Source : GoCD, 1999.

Annex E**List of Persons met by members of team during visits to Dominica, Barbados and St Kitts, June 3 27, 2000*****Government of Commonwealth of Dominica**

Hon Ambrose V. George, Minister of Finance
 Hon. Charles Savarin, Minister for Tourism and External Trade
 Hon Atherton Martin, Minister for Agriculture, Environment and Planning
 Mr. Ambrose Sylvester, Financial Secretary, Ministry of Finance
 Dr. Joseph Bannis, Permanent Secretary Planning, Environment and Agriculture;
 Mr. Samuel Carrette, Permanent Secretary, Communications & Works
 Mr. Joseph Peltier, Director of Agriculture
 Mrs. Prima Burton, Chief Statistical Officer
 Mr. Colin Bully, Agricultural Diversification Office
 Mr. David Corriette, Insurance Regulator
 Mr. Raphael Francis, Physical Planning Dept
 Mr. Arlington James, Forestry Dept
 Mrs Joan James, Establishment Dept.
 Mr Andrew Magloire, Fisheries Officer, Fisheries Development Division
 Mr Greg Rabess, Government Information Service
 Ms Matilda Royer, Chief Welfare Officer
 Mr. Cecil Shillingford, Coordinator, Office of National Disaster Management
 Mr. Algernon Simon, Chief Technical Officer, Dept of Works, Min. of Communications and Works

Other persons in Dominica

Mr. Michael Astaphen, Dominica Chamber of Commerce and Industry
 Mr. Benoit Bardouille , Accountant, Dominica Port Authority
 Mr Ackroyd Birmingham, Manager, Dominica Co-operative Credit Union League
 Mr V. John Charles, Chairman, WIBDECO
 Mr. Edward Charles, EH Charles
 Mrs. Patricia Charles, General Manager, Agricultural, Industrial and Development Bank
 Mr. Julius Corbett, General Manager and Director, National Commercial Bank
 Mr. Vincent Elwin General Manager, Dominica Port Authority
 Mr. Francisco Espnt, Director, SPAT
 Mr. Ettinoff, National Development Foundation of Dominica
 Mr. Kerwin Ferreira, Manager, Windward Island Crop Insurance (1988) Ltd(Wincrop)
 Mrs Hernica Ferreira, Company Secretary/Accountant, WINCROP
 Dr. Lennox Honychurch, archaeologist and historian
 Mr. Cecil Joseph, Ex Sec, Dominica Hucksters' Association
 Mr. Aliic Lazaar, formerly Financial Secretary, GcoD
 Ms Lucilla Lewis, Manager, International Business Unit
 Mrs. Eileen Morraine, Managing Director, Royal Bank of Canada
 Mr. Pemberton, Managing Director, Dominica Coconut Products
 Mr. Derek Perryman, DIVE Dominica
 Ms Cheryl Rolle, Life of Barbados
 Mr. Gregoire Thomas, Head/MSSD, Dominica Export Import Agency (DEXIA)
 Mr Robert Tonge, Managing Director, First Domestic Insurance Company

Barbados

Mr. N Amerally and others, Caribbean Development Bank
 Ms. Audrey Mullins, Deputy Coordinator, CDERA

Mr. Ian Carrington, Insurance Regulator (Barbados)
Mr. David Alleyne, Overseas Manager, United Insurance, Barbados
Mr. Dave Blackman, Managing Director, United Insurance, Barbados
Mr. Alister Campbell, Director General, Insurance Association of the Caribbean
Mr. David Deane, Managing Director, Barbados Fire and Commercial Insurance, Barbados

St Kitts Nevis

Dr. Wendell Samuel, Research Director, Eastern Caribbean Central Bank
Dr. Garth Nicholls, Senior Economist
Ms. Miriam Blanchard, Economist
Ms. Gale Archibald, Statistician

* This is inevitably an incomplete list of those met by appointment during the visits by Charlotte Benson, Edward Clay and Franklyn Michael.

Annex F References

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