

Table 1-1-13 Per capita Consumption of Food Products for Residential Area  
in 1987

Food Products	Unit : Net Grams			
	Metropolitan	Urban	Rural	National
Milk Products				
Cream	20.0	14.9	4.7	10.0
Fresh Cheese	15.9	21.2	13.6	15.4
Fluid Milk	138.7	82.5	37.1	68.9
Powder Milk	4.5	5.6	1.6	2.9
Meat				
Poultry	26.9	15.3	8.6	14.3
Pork	10.1	4.8	5.8	6.8
Beef	41.9	45.9	13.5	25.4
Fish and Sea Products	4.0	6.8	5.5	5.8
Eggs	32.5	28.2	22.6	25.9
Beans				
Red	42.3	51.3	68.4	59.5
Cereals				
Rice	51.0	50.5	36.3	51.7
Wheat Flour	13.6	16.8	7.9	10.5
Dry Grain Corn	2.5	0.9	5.5	4.0
Corn Tortilla	188.5	223.8	461.3	359.2
Sugars				
White Sugar	39.4	46.9	35.9	38.6
Oils				
Vegetable Oil and Grease	36.0	35.8	22.0	27.9
Vegetable				
Coleslaw	25.5	19.9	9.4	14.8
Tomato and Green Chile	32.3	25.6	14.9	20.8
Onion	11.7	8.3	7.5	7.5
Cucumber, Ayote	15.9	17.9	5.7	11.1
Potatoes and Roots	25.1	26.4	15.8	19.8
Fruits				
Citrics	56.4	17.5	7.8	21.6
Watermelon, Melon and Papaw	27.7	9.6	7.9	13.2
Plantains and Banana	77.1	79.8	49.0	61.0
Other Fruits	14.2	16.2	8.2	10.4
Other Products				
Coffee	7.0	7.3	10.1	8.9
Soft Drinks	97.4	66.1	18.6	45.3
Other Products				
Processed	103.4	69.6	37.0	58.5

Source : Basic feeding program, Planification, coordination  
and budget secretary (SECPLAN)

Table 1-1-14 Export Statistics ('82 - '92)

Exports	Unit: Thousand MT											
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	
Meat	16,815	14,857	10,407	8,495	10,695	9,492	9,385	9,277	11,191	12,730	17,238	
Shrimps										5,482	6,823	
Plantains	996	587	1,438	16,637	14,988	11,471	8,522	5,007	2,530	1,259	13,370	
Bananas	897,875	691,062	824,476	802,863	755,497	936,559	863,732	839,716	824,622	740,739	792,502	
Pure of bananas	9,910	7,987	12,532	129,534	108,467	59,514	58,825	43,835	12,564	16,131	12,682	
Coffee	57,900	75,132	68,896	72,903	79,614	86,915	76,401	88,254	104,444	87,574	118,756	
Sugar	87,083	100,179	101,245	105,049	94,042	84,887	54,438	20,763	29,191	19,983	12,820	
Tobacco	3,707	3,887	3,041	2,739	1,995	1,137	1,349	1,379	2,108	2,539	4,009	
Timber	228,173	188,232	154,567	156,056	170,705	173,641	140,744	128,047	94,807	104,999	112,558	
Furniture										109	243	
Cement	10,568		2	15,827	44,760	61,022	109,920	210,563	105,748	36,492	29,167	
Bulk minerals	66,808	101,937	126,777	139,166	71,791	38,032	79,519	88,040	66,530	82,396	87,825	
Fuel and products		18,973	31,733	38,355	18,747	15,911	42,371	35,190	25,116	6,899		
Molasses	61,164	57,432	45,664	40,751	38,941	28,216	16,154	16,575	18,863	12,307	31,258	
African Palm-oil			1,511	17,876	25,015	27,878	10,982	1,684			10,515	
Pineapples	31,082	29,796	31,655	27,011	26,949	38,306	25,678	31,384	36,675	49,444	48,547	
Grapefruit	10,959	11,218	12,496	11,408	16,543	14,245	12,691	17,403	13,777	12,728	16,930	
Coconuts	2,302	2,075	1,933	1,608	1853	1,333	774	1,665	1,102	1,385	1,921	
Mangos										71	271	
Melons								106	516	47,256	58,028	
Water melon										1,926	3,993	
Lemon & Lime										1,189	608	
Cotton	5,927	2,467	4,829	4,977	4,644	1,178		757	350	78		
Cotton seeds				9,500				61				
Vegtable												
Ornamental plants										11,030	14,357	
Balsam liquid										2,740	3,368	
Limestone										57	66	
Cacao										2,486	1,806	
Corn or maize				10,207						1,518	1,518	
Textile										14,807	26,620	
Resin										3,340	3,771	
Nuts, African-palm				1,015								
Weight of Containers										218,652	252,513	
Other products	169,292	165,336	177,906	199,018	195,566	258,777	272,038	301,274	308,695	37,128	42,484	
Another countries' materials	27,761	31,887	32,976	22,983	25,990	22,957	9,484	13,504	18,693	22,014	27,208	
Total Export	1,688,518	1,503,054	1,644,084	1,833,978	1,706,802	1,871,471	1,793,607	1,854,464	1,679,522	1,557,488	1,753,775	

Table 1-2-1 Population Forecast of Honduras

Unit : Thousand

Year	Population				Rate of increase		
	Total Population	Population Density	Urban Population	Rural Population	Total Population	Urban Population	Rural Population
1974	2,820.3	25.2	884.4	1,935.9			
1975	2,914.0	26.0	930.6	1,983.4	3.322%	5.224%	2.454%
1976	3,010.8	26.9	978.8	2,032.0	3.322%	5.179%	2.450%
1977	3,110.8	27.8	1,029.3	2,081.5	3.321%	5.159%	2.436%
1978	3,214.2	28.7	1,082.0	2,132.2	3.324%	5.120%	2.436%
1979	3,321.0	29.6	1,137.0	2,184.0	3.323%	5.083%	2.429%
1980	3,431.3	30.6	1,194.6	2,236.7	3.321%	5.066%	2.413%
1981	3,545.3	31.6	1,254.7	2,290.6	3.322%	5.031%	2.410%
1982	3,663.1	32.7	1,317.4	2,345.7	3.323%	4.997%	2.405%
1983	3,784.8	33.8	1,383.0	2,401.8	3.322%	4.980%	2.392%
1984	3,910.6	34.9	1,451.5	2,459.1	3.324%	4.953%	2.386%
1985	4,040.5	36.0	1,523.0	2,517.5	3.322%	4.926%	2.375%
1986	4,174.7	37.2	1,597.6	2,577.1	3.321%	4.898%	2.367%
1987	4,313.4	38.5	1,675.5	2,637.9	3.322%	4.876%	2.359%
1988	4,456.8	39.8	1,756.9	2,699.9	3.325%	4.858%	2.350%
1989	4,604.8	41.1	1,841.7	2,763.1	3.321%	4.827%	2.341%
1990	4,757.8	42.4	1,930.3	2,827.5	3.323%	4.811%	2.331%
1991	4,915.9	43.9	2,022.8	2,893.1	3.323%	4.792%	2.320%
1992	5,079.2	45.3	2,119.2	2,960.0	3.322%	4.766%	2.312%
1993	5,248.0	46.8	2,219.8	3,028.2	3.323%	4.747%	2.304%
1994	5,422.3	48.4	2,324.8	3,097.5	3.321%	4.730%	2.288%
1995	5,602.5	50.0	2,434.3	3,168.2	3.323%	4.710%	2.282%
1996	5,788.6	51.6	2,548.5	3,240.1	3.322%	4.691%	2.269%
1997	5,980.9	53.4	2,667.5	3,313.4	3.322%	4.669%	2.262%
1998	6,179.7	55.1	2,791.9	3,387.8	3.324%	4.664%	2.245%
1999	6,385.0	57.0	2,921.4	3,463.6	3.322%	4.638%	2.237%
2000	6,597.1	58.9	3,056.4	3,540.7	3.322%	4.621%	2.226%
2001	6,762.0	60.3	3,162.7	3,599.3	2.500%	3.478%	1.656%
2002	6,931.1	61.8	3,272.4	3,658.7	2.500%	3.469%	1.649%
2003	7,104.4	63.4	3,385.6	3,718.7	2.500%	3.460%	1.642%
2004	7,282.0	65.0	3,502.5	3,779.5	2.500%	3.451%	1.634%
2005	7,464.0	66.6	3,623.0	3,841.0	2.500%	3.442%	1.627%
2006	7,650.6	68.3	3,747.4	3,903.2	2.500%	3.433%	1.620%
2007	7,841.9	70.0	3,875.7	3,966.2	2.500%	3.424%	1.613%
2008	8,037.9	71.7	4,008.0	4,029.9	2.500%	3.415%	1.606%
2009	8,238.9	73.5	4,144.5	4,094.4	2.500%	3.406%	1.599%
2010	8,444.8	75.3	4,285.3	4,159.5	2.500%	3.397%	1.592%

Source : Banco Central, Estimated by The Study Team

Table 1-2-2 Forecast of Population for States and Cities

Unit: Thousand

	1988		1988	1992	2000	2010	
	SECPLAN	SECPLAN&Calculation	Banco Central	Banco Central	Banco Central	The Study Tea	
	URBAN		RURAL				
Total Population	4,443.7		4,456.8	5,079.2	6,597.1	8,444.8	
Atlantida	238.7	112.8	126.0	239.0	274.4	361.7	469.4
Colon	149.7	38.7	111.0	150.0	168.7	213.2	265.7
Comayagua	239.9	86.6	153.2	240.2	272.9	352.1	447.8
Copan	219.5	46.8	172.6	219.9	246.2	308.4	380.8
Cortes	662.8	433.7	229.1	663.0	774.5	1,055.0	1,410.7
Choluteca	295.5	72.7	222.8	296.1	332.6	419.3	521.3
El Paraiso	254.3	52.3	202.0	254.8	285.1	356.6	439.6
Francisco Morazan	828.3	604.0	224.3	828.3	974.4	1,344.6	1,818.2
Gracias a Dios	35.0	0.0	35.0	35.1	38.5	46.0	54.0
Intibuca	124.7	15.5	109.2	125.0	138.7	170.5	206.5
Islas de La Bahia	22.1	3.9	18.2	22.1	24.7	30.7	37.5
La Paz	105.9	18.5	87.4	106.2	118.4	147.2	180.2
Lempira	177.1	6.0	171.1	177.5	195.3	235.4	278.9
Ocotepeque	74.3	9.9	64.3	74.5	82.7	101.9	123.6
Olancho	283.9	58.5	225.4	284.4	318.3	398.1	490.7
Santa Barbara	278.9	61.1	217.8	279.4	313.1	392.6	485.4
Valle	120.0	30.5	89.5	120.2	135.1	170.7	212.5
Yoro	333.5	107.3	226.2	334.1	378.0	484.0	611.0
Urban Population	1,751.7	1,758.7		1,757.0	2,119.2	3,056.4	4,285.3
Rural Population	2,692.0		2,685.0	2,699.8	2,960.0	3,540.7	4,159.5
Urban Main Cities							
Destrito Central		577.6		579.3	703.4	1,014.5	1,567.5
San Pedro Sula		287.5		288.4	347.9	501.7	780.4
La Ceiba		68.8		69.0	83.2	120.0	186.7
Choluteca		54.5		54.7	66.0	95.2	148.0
El Progreso		60.1		60.3	72.7	104.9	163.2
Puerto Cortes		31.5		31.6	38.1	55.0	85.5
Comayagua		37.2		37.3	45.0	64.9	100.9
Tela				23.2	24.3	35.0	54.4
Siguetepeque				27.6	33.9	48.9	76.1
Santa Rosa de Copan				19.7	22.1	31.9	49.6
Danli				29.1	37.9	54.7	85.1
Juticalpa				19.7	23.5	33.9	52.8
Olancho				14.0	16.6	23.9	37.2

Source : Banco Central, SECPLAN, The Study Team

Table 1-2-3 Labor Force by Economic Sectors of Honduras

Unit : Thousand

Year	Total Population	Labor Force	Propotion Labor Force	Agricultural	Mining	Industrial	Electric & Gas	Construction	Commercial	Transportation	Bank, Insurance	Service
1974	2,820.3	808.7	28.68%	487.5	3.7	89.7	2.5	25.9	62.8	22.0	8.7	105.9
1975	2,914.0	831.2	28.52%	494.2	4.0	93.6	2.6	27.4	66.2	24.5	9.3	109.3
1976	3,010.8	854.4	28.38%	501.0	4.0	98.7	2.8	28.1	69.7	25.8	9.7	114.6
1977	3,110.8	878.5	28.24%	507.5	4.2	104.2	2.8	29.5	73.4	26.2	10.4	120.3
1978	3,214.2	903.4	28.11%	514.0	4.3	109.5	2.9	33.1	77.3	28.9	10.6	122.9
1979	3,321.0	929.0	27.97%	520.6	4.5	115.1	2.9	37.2	81.3	31.7	10.7	124.9
1980	3,431.3	956.1	27.86%	528.4	4.6	120.5	3.1	39.0	85.9	33.9	11.0	129.6
1981	3,545.3	984.2	27.76%	536.3	4.8	126.2	3.3	41.0	90.6	36.3	11.4	134.3
1982	3,663.1	1,013.4	27.67%	544.3	4.9	132.2	3.6	43.1	95.5	38.9	11.8	139.2
1983	3,784.8	1,043.8	27.58%	552.4	5.0	138.4	3.8	45.3	100.8	41.7	12.2	144.2
1984	3,910.6	1,074.1	27.47%	568.5	5.2	142.4	3.9	46.6	103.7	42.9	12.5	148.4
1985	4,040.5	1,105.2	27.35%	584.8	5.3	146.6	4.0	47.9	106.9	44.1	12.9	152.7
1986	4,174.7	1,140.7	27.32%	605.9	4.4	150.9	4.1	49.3	110.0	45.4	13.4	157.2
1987	4,313.4	1,181.0	27.38%	622.2	3.4	156.1	4.6	51.8	114.3	46.7	13.7	168.1
1988	4,456.8	1,218.2	27.33%	640.5	4.1	160.6	4.9	54.8	117.5	48.1	14.0	173.6
1989	4,604.8	1,406.1	30.54%	673.2	4.1	165.5	8.7	76.8	140.6	39.6	24.3	273.3
1990	4,757.8	1,463.3	30.76%	687.9	4.1	172.4	9.5	82.5	148.3	41.2	26.1	291.3
1991	4,915.9	1,523.3	30.99%	702.8	4.1	179.6	10.3	88.7	156.5	42.8	27.9	310.5
1992	5,079.2	1,586.4	31.23%	718.1	4.1	187.1	11.2	95.4	165.1	44.6	29.9	330.9
1993	5,248.0	1,652.8	31.49%	733.8	4.2	194.9	12.2	102.5	174.2	46.3	32.0	352.8
1994	5,422.3	1,722.7	31.77%	749.7	4.2	203.0	13.2	110.2	183.8	48.2	34.3	376.0
1995	5,602.5	1,796.2	32.06%	766.0	4.2	211.5	14.4	118.5	194.0	50.1	36.8	400.8
1996	5,788.6	1,873.5	32.37%	782.7	4.2	220.3	15.6	127.4	204.7	52.1	39.4	427.2
1997	5,980.9	1,955.0	32.69%	799.7	4.2	229.5	17.0	137.0	216.0	54.2	42.2	455.4
1998	6,179.7	2,040.9	33.03%	817.1	4.2	239.0	18.5	147.2	227.9	56.3	45.2	485.4
1999	6,385.0	2,131.3	33.38%	834.9	4.2	249.0	20.1	158.3	240.4	58.6	48.4	517.4
2000	6,597.1	2,226.6	33.75%	853.1	4.2	259.4	21.9	170.2	253.7	60.9	51.8	551.5
2001	6,762.0	2,327.2	34.42%	871.6	4.2	270.2	23.8	182.9	267.7	63.4	55.5	587.9
2002	6,931.1	2,433.2	35.11%	890.6	4.2	281.4	25.9	196.7	282.5	65.9	59.5	626.6
2003	7,104.4	2,545.1	35.82%	910.0	4.2	293.2	28.1	211.4	298.0	68.5	63.7	667.9
2004	7,282.0	2,663.2	36.57%	929.8	4.2	305.4	30.6	227.3	314.5	71.2	68.2	712.0
2005	7,464.0	2,787.8	37.35%	950.0	4.3	318.1	33.3	244.3	331.8	74.1	73.1	758.9
2006	7,650.6	2,919.5	38.16%	970.6	4.3	331.4	36.2	262.7	350.1	77.0	78.3	808.9
2007	7,841.9	3,058.6	39.00%	991.8	4.3	345.2	39.3	282.4	369.4	80.1	83.9	862.3
2008	8,037.9	3,205.6	39.88%	1,013.3	4.3	359.6	42.8	303.6	389.8	83.3	89.9	919.1
2009	8,238.9	3,360.9	40.79%	1,035.4	4.3	374.5	46.5	326.4	411.3	86.6	96.3	979.7
2010	8,444.8	3,525.2	41.74%	1,057.9	4.3	390.2	50.6	350.9	434.0	90.1	103.1	1,044.3
Rate												
Past 10 year	2.500%	4.288%		2.175%	0.199%	4.168%	8.745%	7.504%	5.515%	3.990%	7.119%	6.592%

SOURCE: BANCO CENTRAL, STUDY TEAM

Table 1-2-4 GDP by Economic Sector  
(Current Price)

Unit : Million Lempiras

	Agriculture, Forest, and Hunting, Quarry and Fishing Exploitation	Industry Manufacture	Electricity Gas and Water	Construction	Commerce, Restaurant Hotel	Transport, Ware House Communication	Financial Establish Insurance	Service for Communal, Social	Private Housing	Public and Defence Admi.	PER CAPITA		
											Total G.D.P	G.D.P Lempiras	
1978	933	73	520	42	199	507	229	200	315	188	227	3,433	1,068
1979	1,025	105	606	52	213	605	280	247	370	222	282	4,007	1,207
1980	1,087	96	687	54	270	730	313	297	453	250	346	4,593	1,339
1981	1,129	93	727	73	263	845	359	321	537	278	417	5,042	1,422
1982	1,132	109	768	81	320	821	365	320	560	315	440	5,231	1,428
1983	1,171	117	834	89	364	809	373	358	591	378	453	5,537	1,463
1984	1,236	131	915	104	384	812	388	398	635	445	488	5,936	1,518
1985	1,407	139	935	113	356	854	408	443	695	504	584	6,438	1,593
1986	1,400	114	972	229	286	915	462	475	787	558	608	6,806	1,630
1987	1,539	83	1,070	236	302	961	509	517	880	612	652	7,361	1,707
1988	1,742	126	1,244	241	365	1,027	567	597	963	662	664	8,198	1,839
1989	1,951	158	1,389	276	464	1,089	648	712	1,075	721	773	9,256	2,010
1990	2,503	194	1,823	353	574	1,289	703	826	1,290	790	814	11,159	2,345
1991	3,176	246	2,250	497	823	1,567	914	1,109	1,434	909	1,050	13,975	2,843
1992	3,436	310	2,628	580	1,123	1,735	1,004	1,286	1,543	1,018	1,167	15,830	3,117

Source : Banco Central

Table 1-2-5 GDP by Economic Sector  
(Constant Price 78)

Year	Agriculture, Mine and Forest, Hunt, Quarry and Fishing, Exploitation		Industry Manufactures and Water	Electricity Gas and Water	Construction	Commerce, Restaurant, Hotel	Transport, Ware House Communicati	Bank Establish Insurance	Service for Private Communal, Social	Public and Defense Social Admi	G.D.P	Indices for		Per Capita GDP Lempiras
	73	77										1978	Rate for Previous Year	
1978	933	73	520	42	199	507	229	200	315	188	3,433	100.00%		1,088
1979	965	77	554	47	178	556	242	215	318	193	3,597	104.78%	4.76%	1,083
1980	985	66	529	52	202	560	249	209	336	209	3,659	106.56%	1.72%	1,066
1981	1,007	60	526	56	176	586	276	220	341	220	3,757	109.44%	2.68%	1,060
1982	1,052	72	502	60	208	518	297	207	320	232	3,748	109.12%	-0.29%	1,023
1983	983	78	534	64	228	480	305	211	319	244	3,712	108.13%	-0.91%	981
1984	1,056	87	575	67	240	462	317	230	313	236	3,856	112.32%	3.88%	986
1985	1,080	89	582	77	221	463	329	235	326	254	3,972	115.70%	3.01%	983
1986	1,072	83	606	82	177	507	334	247	360	258	4,040	117.68%	1.71%	988
1987	1,161	51	646	96	184	517	348	264	384	272	4,252	123.86%	5.25%	986
1988	1,155	69	678	108	211	531	372	299	406	288	4,448	129.57%	4.61%	998
1989	1,271	78	704	113	242	507	396	325	410	300	4,687	136.53%	5.37%	1,018
1990	1,285	71	709	128	218	503	411	335	406	313	4,670	136.03%	-0.36%	982
1991	1,366	78	719	129	230	514	423	353	373	323	4,793	139.62%	2.63%	975
1992	1,406	94	747	138	299	525	439	378	369	334	5,021	146.27%	4.76%	989
1993	1,438	94	773	148	307	531	454	395	376	349	5,160	150.30%	2.76%	983
1994	1,472	94	800	159	316	536	470	414	384	366	5,308	154.63%	2.88%	979
1995	1,506	95	828	171	325	542	487	434	392	384	5,465	159.18%	2.94%	975
1996	1,541	95	857	184	335	548	504	456	401	403	5,629	163.97%	3.01%	972
1997	1,576	95	888	198	346	554	522	479	410	424	5,802	169.02%	3.06%	970
1998	1,613	96	920	213	358	561	541	503	420	447	5,985	174.33%	3.15%	988
1999	1,650	96	953	230	370	568	560	530	431	471	6,177	179.93%	3.21%	987
2000	1,688	96	987	248	383	575	580	558	442	497	6,380	185.84%	3.28%	987
2001	1,727	96	1,023	268	398	583	601	588	454	524	6,594	192.07%	3.35%	975
2002	1,766	97	1,061	289	413	591	623	621	467	554	6,820	198.65%	3.42%	984
2003	1,807	97	1,100	312	430	600	646	656	481	587	7,058	205.59%	3.45%	993
2004	1,848	97	1,141	338	448	603	669	693	496	621	7,310	212.92%	3.57%	1,004
2005	1,890	98	1,183	365	467	619	694	733	511	658	7,576	220.67%	3.64%	1,015
2006	1,934	98	1,227	395	488	629	720	776	528	698	7,857	228.86%	3.71%	1,027
2007	1,978	98	1,273	428	510	640	746	822	546	741	8,154	237.52%	3.78%	1,040
2008	2,023	99	1,321	463	534	652	774	871	564	788	8,469	246.68%	3.86%	1,054
2009	2,069	99	1,371	502	559	664	803	923	585	837	8,802	256.38%	3.93%	1,068
2010	2,116	99	1,423	544	587	676	833	980	606	891	9,154	266.65%	4.01%	1,084

Source : Banco Central, The Study Team estimation

Table 1-3-1 Estimation of GDP

Unit : Million Lempiras

		Actual & Estimated Population	Actual GDP	Scenario 1		Scenario 2	
				GDP	PER CAPITA GDP Lempiras	GDP	PER CAPITA GDP Lempiras
74	1974	2,820.3	2,589	2,589	918	2,589	918
75	1975	2,914.0	2,650	2,650	909	2,650	909
76	1976	3,010.8	2,901	2,901	964	2,901	964
77	1977	3,110.8	3,147	3,147	1,012	3,147	1,012
78	1978	3,214.2	3,433	3,433	1,068	3,433	1,068
79	1979	3,321.0	3,597	3,597	1,083	3,597	1,083
80	1980	3,431.3	3,659	3,659	1,066	3,659	1,066
81	1981	3,545.3	3,757	3,757	1,060	3,757	1,060
82	1982	3,663.1	3,746	3,746	1,023	3,746	1,023
83	1983	3,784.8	3,712	3,712	981	3,712	981
84	1984	3,910.6	3,856	3,856	986	3,856	986
85	1985	4,040.5	3,972	3,972	983	3,972	983
86	1986	4,174.7	4,040	4,040	968	4,040	968
87	1987	4,313.4	4,252	4,252	986	4,252	986
88	1988	4,456.8	4,448	4,448	998	4,448	998
89	1989	4,604.8	4,687	4,687	1,018	4,687	1,018
90	1990	4,757.8	4,670	4,670	982	4,670	982
91	1991	4,915.9	4,793	4,793	975	4,793	975
92	1992	5,079.2	5,021	5,021	989	5,021	989
93	1993	5,248.0		5,160	983	5,310	1,012
94	1994	5,422.3		5,308	979	5,615	1,035
95	1995	5,602.5		5,465	975	5,937	1,060
96	1996	5,788.6		5,629	972	6,278	1,085
97	1997	5,980.9		5,802	970	6,639	1,110
98	1998	6,179.7		5,985	968	7,020	1,136
99	1999	6,385.0		6,177	967	7,423	1,163
0	2000	6,597.1		6,380	967	7,850	1,190
1	2001	6,762.0		6,594	975	8,234	1,218
2	2002	6,931.1		6,820	984	8,638	1,246
3	2003	7,104.4		7,058	993	9,061	1,275
4	2004	7,282.0		7,310	1,004	9,506	1,305
5	2005	7,464.0		7,576	1,015	9,972	1,336
6	2006	7,650.6		7,857	1,027	10,460	1,367
7	2007	7,841.9		8,154	1,040	10,973	1,399
8	2008	8,037.9		8,469	1,054	11,511	1,432
9	2009	8,238.9		8,802	1,068	12,075	1,466
10	2010	8,444.8		9,154	1,084	12,667	1,500

Source : Banco Central, IDB, Estimated by The Study Team



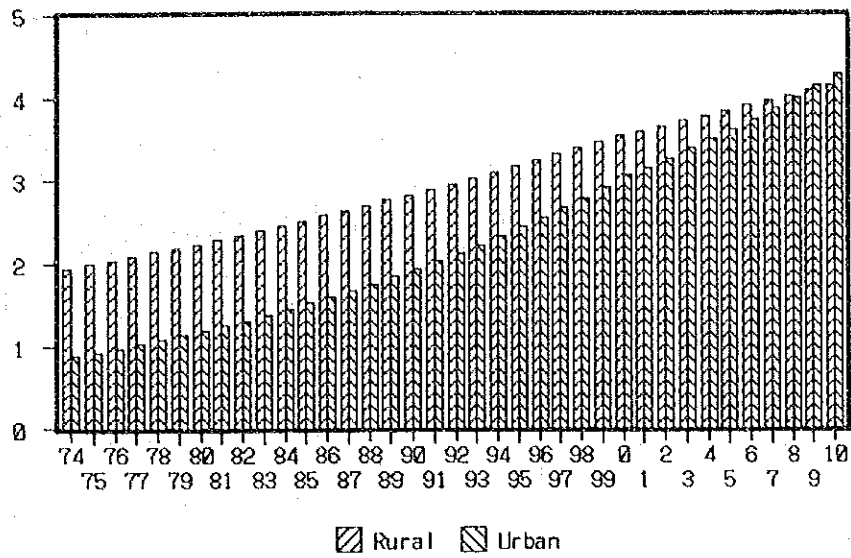


Fig. 1-3-1 Population Forecast  
( Unit: Million )

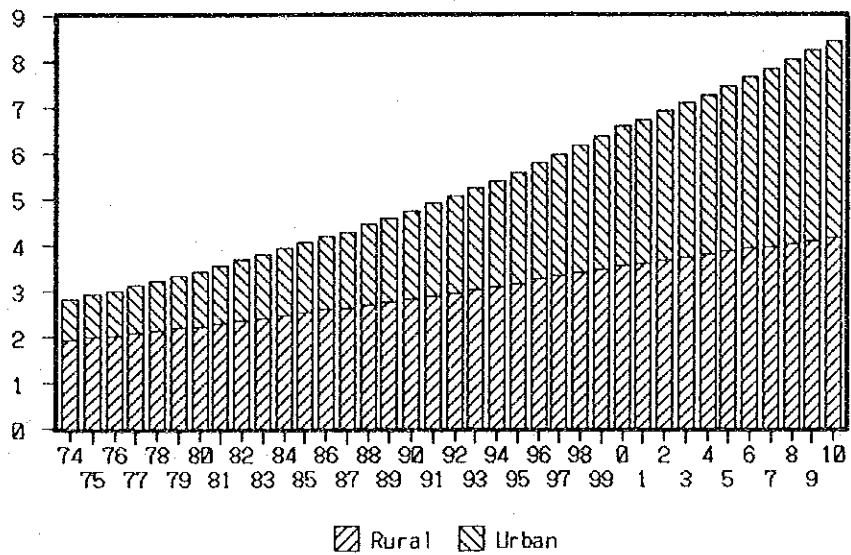


Fig. 1-3-2 Population Forecast  
( Unit: Million )

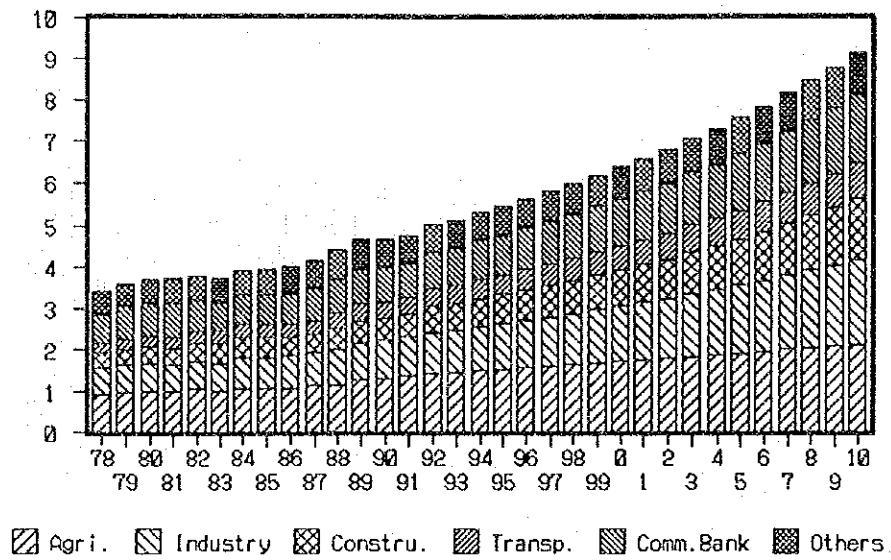


Fig. 1-3-3 GDP(Constant price 78)  
( Unit: Million Lempiras )

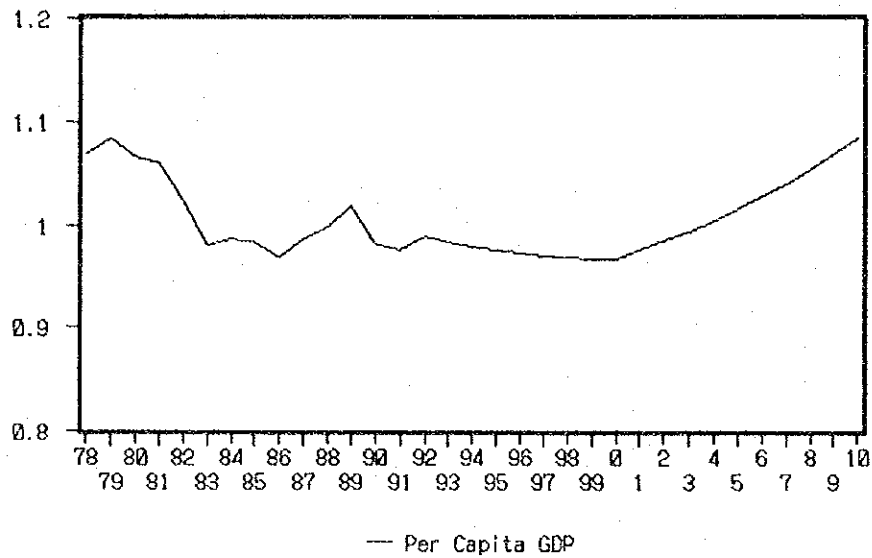


Fig. 1-3-4 Per Capita GDP by Scenario 1 (constant 78)  
( Unit: Thousand Lempiras )

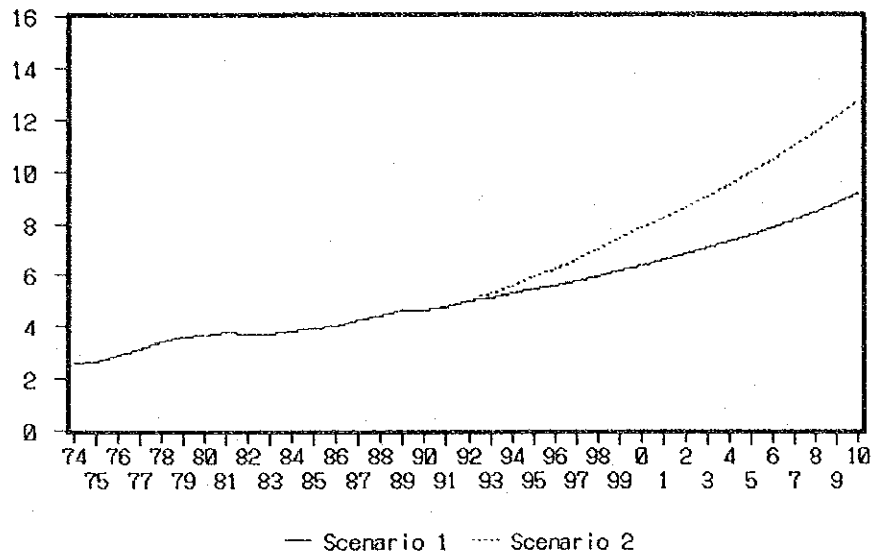


Fig. 1-3-5 Total GDP  
( Unit: Million Lempiras )

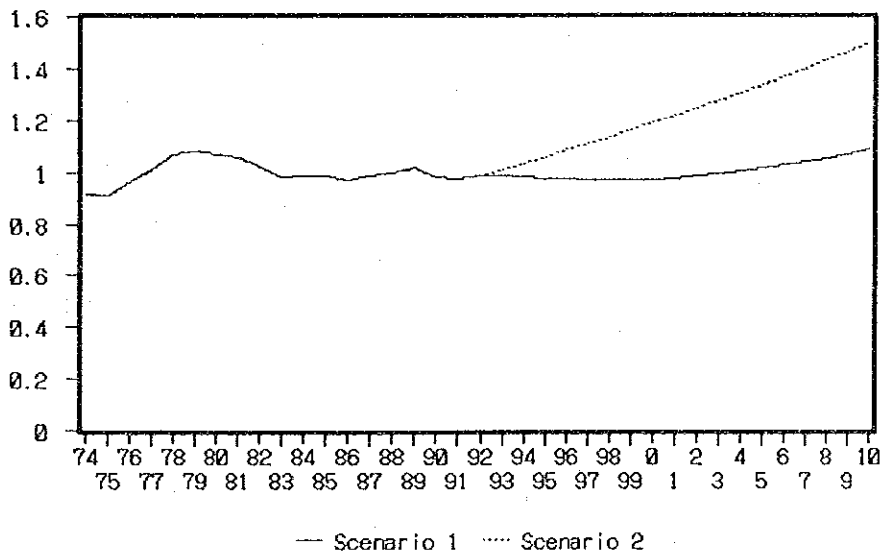


Fig. 1-3-6 Per Capita GDP  
( Unit: Thousand Lempiras )

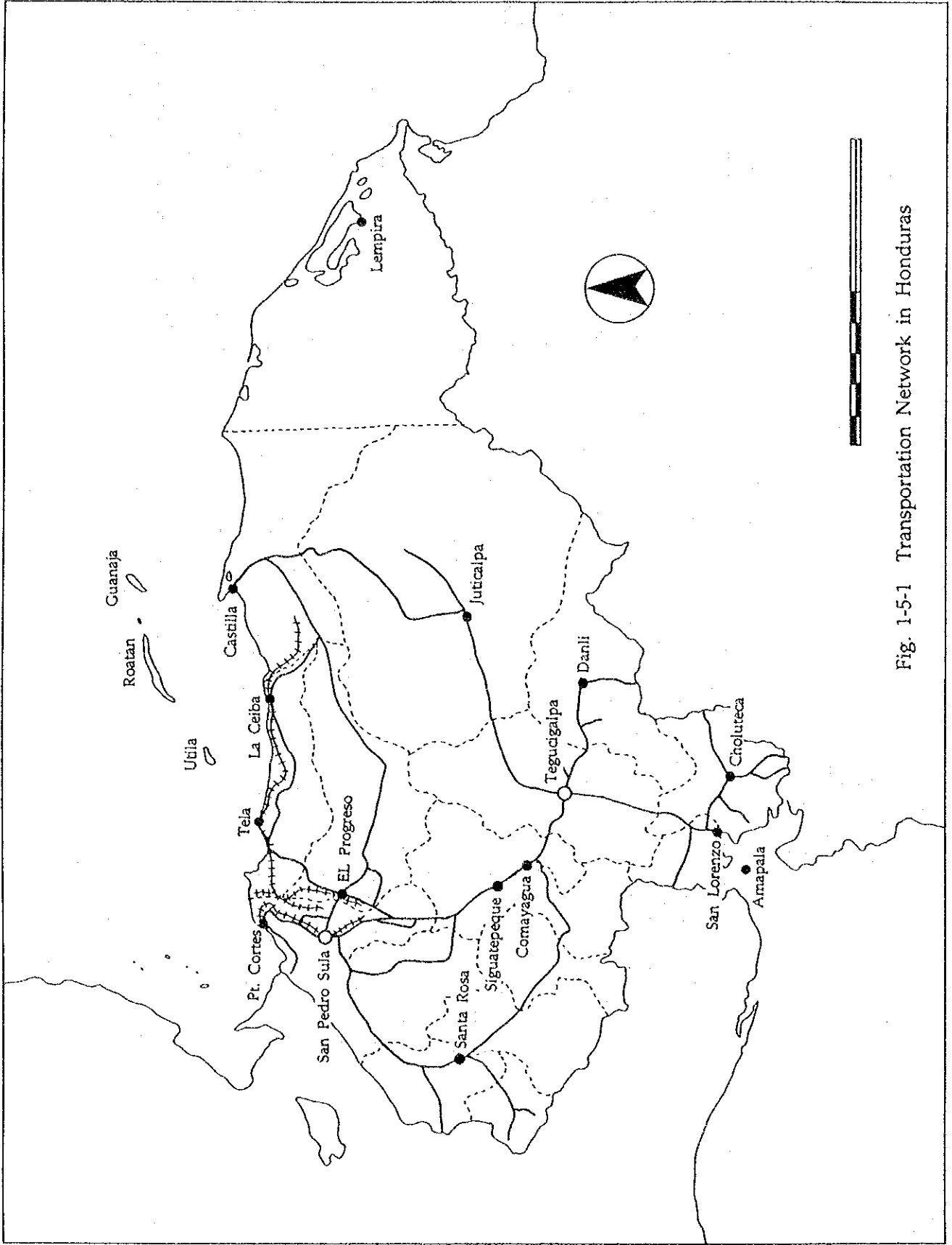


Fig. 1-5-1 Transportation Network in Honduras

(1) The Transportation Network Model in 2000

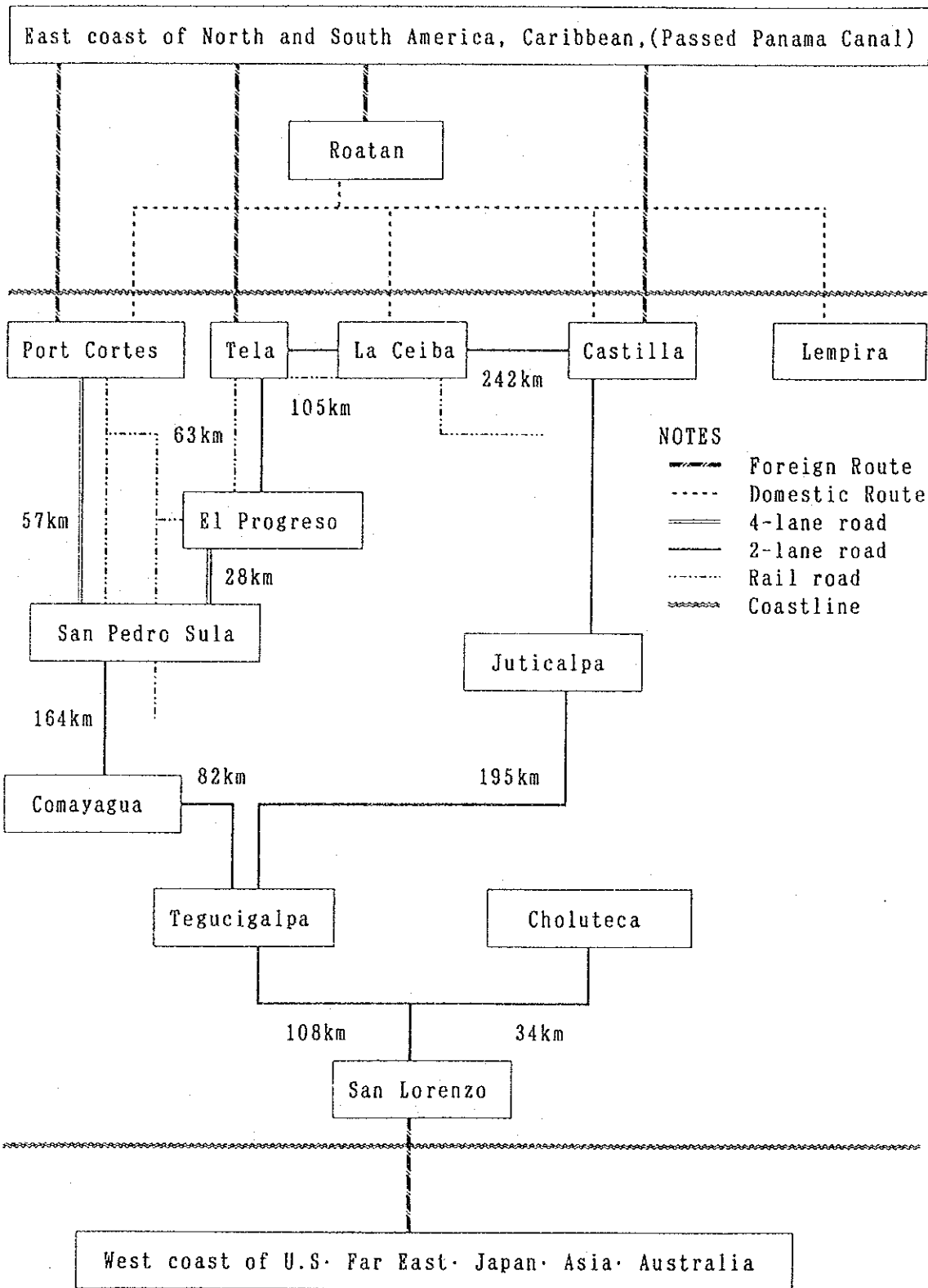


Fig. 1-5-2

(2) The Transportation Network Model in 2010

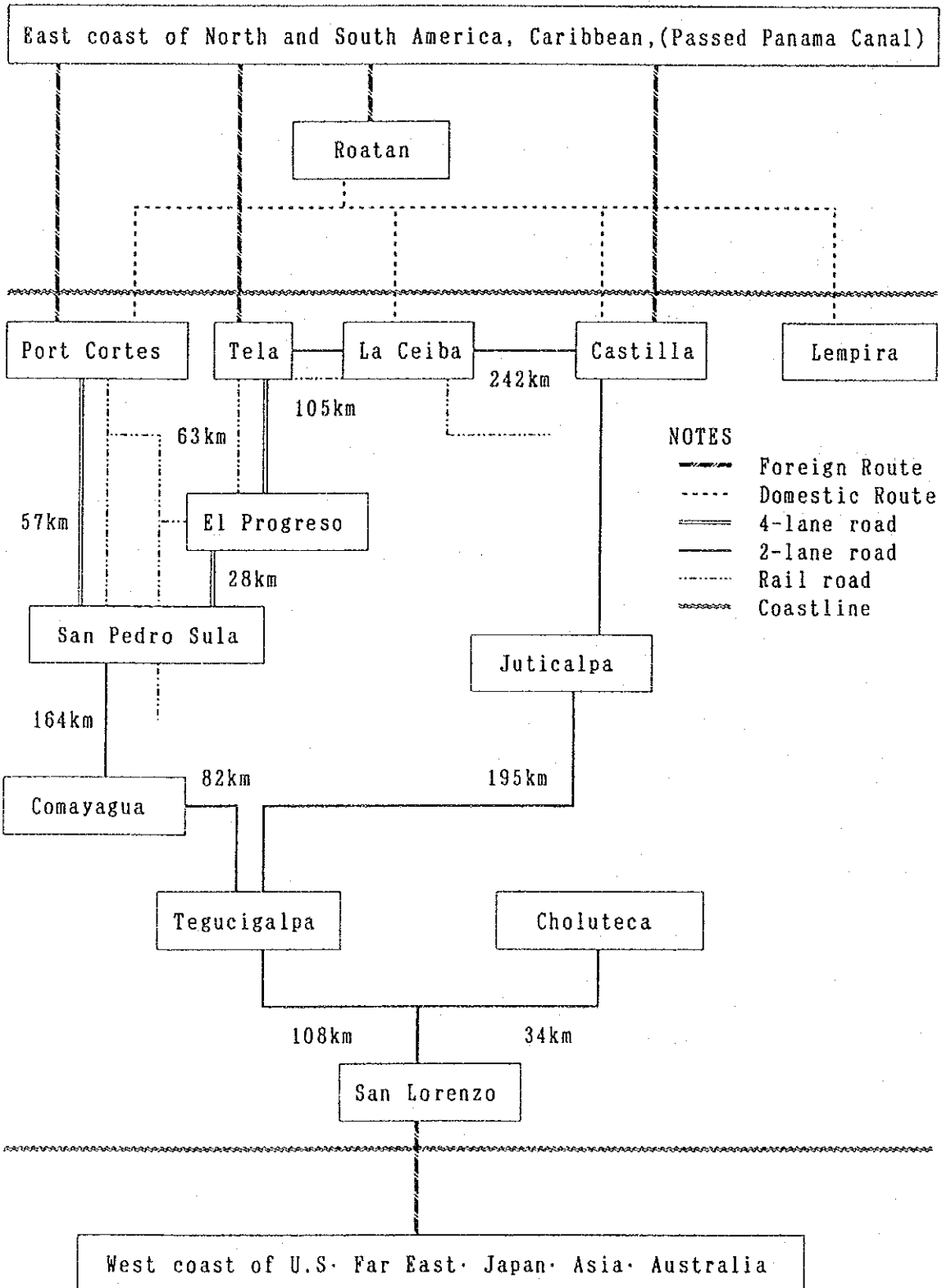


Fig. 1-5-3

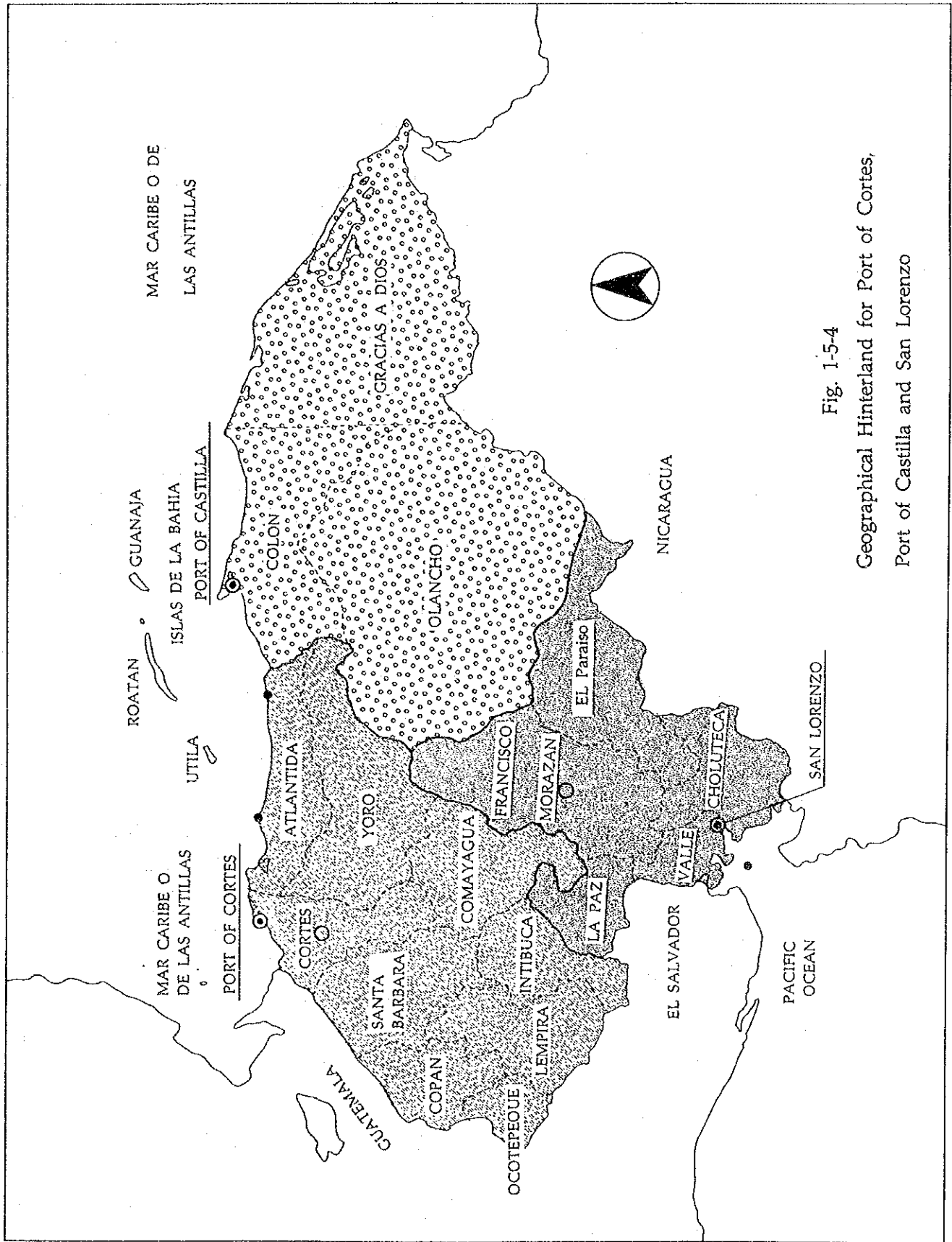


Fig. 1-5-4  
 Geographical Hinterland for Port of Cortes,  
 Port of Castilla and San Lorenzo

Table 1-5-1 Hinterland of Each International Trade Port

	Port of Cortes	Port of Castilla	San Lorenzo	Applicable Commodities
Geographical Hinterland	Cortes	Colon	La Paz	( Export )
	Atlantida	Olancho	Valle	Banana
	Comayagua		Choluteca	Coffee
	Yoro		El Paraiso	Wood
	Santa Barbara			Bulk Minerals
	Copan		Francisco Morazan	Pineapple
	Lempira			Sugar, Molasses
	Ocotepque			African palm
	Intibuca			
	Islas de Bahia	Islas de Bahia		( Import )
Gracias A Dios	Gracias A Dios		Paper, Carton	
Modified Hinterland for export commodities	Cortes	Colon		( Export )
	Atlantida	Olancho		Melon
	Comayagua			Shrimps
	Yoro			Cement
	Santa Barbara			
	Copan			
	Lempira			
	Ocotepque			
	Intibuca			
	Islas de Bahia	Islas de Bahia		
	Gracias A Dios	Gracias A Dios		
	La Paz		La Paz	
	Valle		Valle	
	Choluteca		Choluteca	
El Paraiso		El Paraiso		
Francisco Morazan		Francisco Morazan		
Modified Hinterland for import commodities	Cortes		Cortes	( Import )
	Atlantida			Wheat
	Comayagua			Other foodstuffs
	Yoro			Fertilizer
	Santa Barbara			Iron & Steel
	Copan			Chemicals
	Lempira			Macninery
	Ocotepque			Transportaion equip
	Intibuca			
	Islas de Bahia	Islas de Bahia		
	Gracias A Dios	Gracias A Dios		
	La Paz		La Paz	
	Valle		Valle	
	Choluteca		Choluteca	
El Paraiso		El Paraiso		
Francisco Morazan		Francisco Morazan		
Colon	Colon			
Olancho	Olancho			

Source : Estimated by The Study Team



Table 1-6-1 Macro Estimation for Import Cargo Volume through The Ports

(Unit : Thousand MT)

Year	Population	Actual & Scenario 1 G.D.P	Scenario 2 G.D.P	Actual Import Volume	Estimated Import vol By Populat	Estimated Import vol Scenario 1	Estimated Import vol Scenario 2
1974	2,820.3	2,589		1140.3	952.5	901.4	
1975	2,914.0	2,650		1089.7	994.0	927.8	
1976	3,010.8	2,901		917.9	1,036.9	1,036.5	
1977	3,110.8	3,147		953.1	1,081.2	1,143.0	
1978	3,214.2	3,433		1,160.3	1,127.0	1,266.5	
1979	3,321.0	3,597		1,296.2	1,174.3	1,337.4	
1980	3,431.3	3,659		1,368.2	1,223.1	1,364.2	
1981	3,545.3	3,757		1,145.2	1,273.7	1,406.6	
1982	3,663.1	3,746		1,118.6	1,325.8	1,401.8	
1983	3,784.8	3,712		1,316.1	1,379.8	1,387.1	
1984	3,910.6	3,856		1,461.0	1,435.5	1,449.4	
1985	4,040.5	3,972		1,331.7	1,493.0	1,499.5	
1986	4,174.7	4,040		1,366.7	1,552.5	1,528.9	
1987	4,313.4	4,252		1,588.9	1,613.9	1,620.6	
1988	4,456.8	4,448		1,751.3	1,677.5	1,705.3	
1989	4,604.8	4,687		1,829.7	1,743.0	1,808.6	
1990	4,757.8	4,670		1,792.9	1,810.8	1,801.3	
1991	4,915.9	4,793		2,031.5	1,880.9	1,854.5	
1992	5,079.2	5,021		1,953.2	1,953.2	1,953.2	
1993	5,248.0	5,160	5,310		2,028.0	2,013.1	2,077.9
1994	5,422.3	5,308	5,615		2,105.2	2,077.3	2,209.7
1995	5,602.5	5,465	5,937		2,185.0	2,144.9	2,349.2
1996	5,788.6	5,629	6,278		2,267.5	2,216.0	2,496.6
1997	5,980.9	5,802	6,639		2,352.7	2,290.9	2,652.5
1998	6,179.7	5,985	7,020		2,440.7	2,369.8	2,817.4
1999	6,385.0	6,177	7,423		2,531.7	2,452.9	2,991.7
2000	6,597.1	6,380	7,850		2,625.7	2,540.6	3,176.0
2001	6,762.0	6,594	8,234		2,698.7	2,633.1	3,342.4
2002	6,931.1	6,820	8,638		2,773.6	2,730.6	3,516.9
2003	7,104.4	7,058	9,061		2,850.4	2,833.7	3,699.9
2004	7,282.0	7,310	9,506		2,929.1	2,942.5	3,892.0
2005	7,464.0	7,576	9,972		3,009.7	3,057.5	4,093.4
2006	7,650.6	7,857	10,460		3,092.4	3,179.1	4,304.8
2007	7,841.9	8,154	10,973		3,177.1	3,307.6	4,526.5
2008	8,037.9	8,469	11,511		3,264.0	3,443.6	4,759.0
2009	8,238.9	8,802	12,075		3,353.0	3,587.6	5,003.0
2010	8,444.8	9,154	12,667		3,444.2	3,740.0	5,258.9

Source : ENP, Banco Central, IDB, Estimated by The Study Team

Table 1-6-2 Estimated Import Volume of Petroleum through the Port

(Unit : Thousand MT)

Year	Actual Import vol Petroleum	Estimated Petroleum Scenario 1	Other volume Scenario 1	Estimated Petroleum Scenario 2	Other volume Scenario 2
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					
1982	518	575	600	575	600
1983	603	568	713	568	713
1984	686	599	775	599	775
1985	600	623	732	623	732
1986	570	638	797	638	797
1987	653	682	936	682	936
1988	762	724	989	724	989
1989	826	775	1,003	775	1,003
1990	766	771	1,027	771	1,027
1991	805	797	1,227	797	1,227
1992	807	845	1,146	845	1,146
1993		857	1,156	889	1,189
1994		906	1,171	971	1,239
1995		939	1,206	1,039	1,310
1996		974	1,242	1,111	1,385
1997		1,011	1,280	1,188	1,465
1998		1,049	1,321	1,268	1,549
1999		1,090	1,363	1,354	1,638
2000		1,133	1,408	1,444	1,732
2001		1,178	1,455	1,525	1,817
2002		1,226	1,505	1,611	1,906
2003		1,276	1,557	1,700	1,999
2004		1,330	1,613	1,794	2,098
2005		1,386	1,672	1,893	2,200
2006		1,445	1,734	1,997	2,308
2007		1,508	1,799	2,105	2,421
2008		1,575	1,869	2,219	2,540
2009		1,645	1,942	2,338	2,665
2010		1,720	2,020	2,464	2,795

Source : ENP, Banco Central, Estimated by The Study Team

Table 1-6-3 Macro Estimation for Export Cargo Volume through the Ports

(Unit : Thousand MT)

Year	Population	G.D.P		Actual Export Volume	Estimated Export By popula.	Estimated Export Scenario 1	Estimated Export Scenario 2	Remarks
		Scenario 1	Scenario 2					
1974	2,820.3	2,589		1,489	1,488	1,421	1,421	
1975	2,914.0	2,650		1,233	1,502	1,432	1,432	
1976	3,010.8	2,901		1,296	1,516	1,476	1,476	
1977	3,110.8	3,147		1,498	1,531	1,520	1,520	
1978	3,214.2	3,433		1,520	1,547	1,570	1,570	
1979	3,321.0	3,597		1,876	1,563	1,599	1,599	
1980	3,431.3	3,659		1,738	1,580	1,610	1,610	
1981	3,545.3	3,757		1,659	1,597	1,627	1,627	
1982	3,663.1	3,746		1,688	1,614	1,625	1,625	
1983	3,784.8	3,712		1,503	1,633	1,619	1,619	
1984	3,910.6	3,856		1,644	1,651	1,645	1,645	
1985	4,040.5	3,972		1,834	1,671	1,665	1,665	
1986	4,174.7	4,040		1,707	1,691	1,677	1,677	
1987	4,313.4	4,252		1,871	1,712	1,715	1,715	
1988	4,456.8	4,448		1,794	1,733	1,749	1,749	
1989	4,604.8	4,687		1,854	1,756	1,791	1,791	
1990	4,757.8	4,670		1,679	1,779	1,788	1,788	
1991	4,915.9	4,793		1,557	1,802	1,810	1,810	
1992	5,079.2	5,021		1,754	1,827	1,850	1,850	
1993	5,248.0	5,160	5,310		1,852	1,875	1,901	
1994	5,422.3	5,308	5,615		1,878	1,901	1,955	
1995	5,602.5	5,465	5,937		1,905	1,929	2,012	
1996	5,788.6	5,629	6,278		1,933	1,958	2,072	
1997	5,980.9	5,802	6,639		1,962	1,988	2,136	
1998	6,179.7	5,985	7,020		1,992	2,020	2,203	
1999	6,385.0	6,177	7,423		2,023	2,054	2,274	
2000	6,597.1	6,380	7,850		2,055	2,090	2,349	
2001	6,762.0	6,594	8,234		2,080	2,128	2,417	
2002	6,931.1	6,820	8,638		2,105	2,168	2,488	
2003	7,104.4	7,058	9,061		2,131	2,210	2,563	
2004	7,282.0	7,310	9,506		2,158	2,254	2,642	
2005	7,464.0	7,576	9,972		2,185	2,301	2,724	
2006	7,650.6	7,857	10,460		2,213	2,351	2,810	
2007	7,841.9	8,154	10,973		2,242	2,403	2,900	
2008	8,037.9	8,469	11,511		2,271	2,459	2,995	
2009	8,238.9	8,802	12,075		2,301	2,517	3,095	
2010	8,444.8	9,154	12,667		2,332	2,580	3,199	

Source : Banco Central, IDB, Estimated by The Study Team

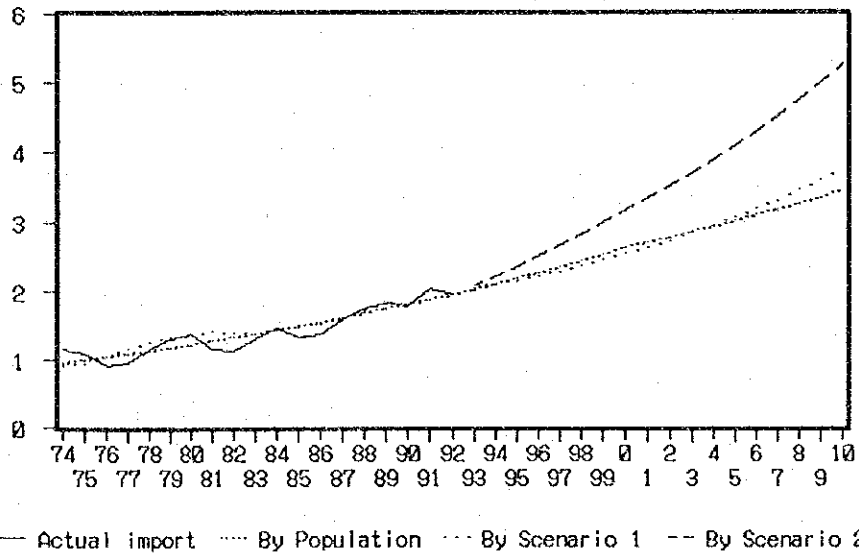


Fig. 1-6-1 Estimation for Import  
Cargo Volume (Unit : Million MT)

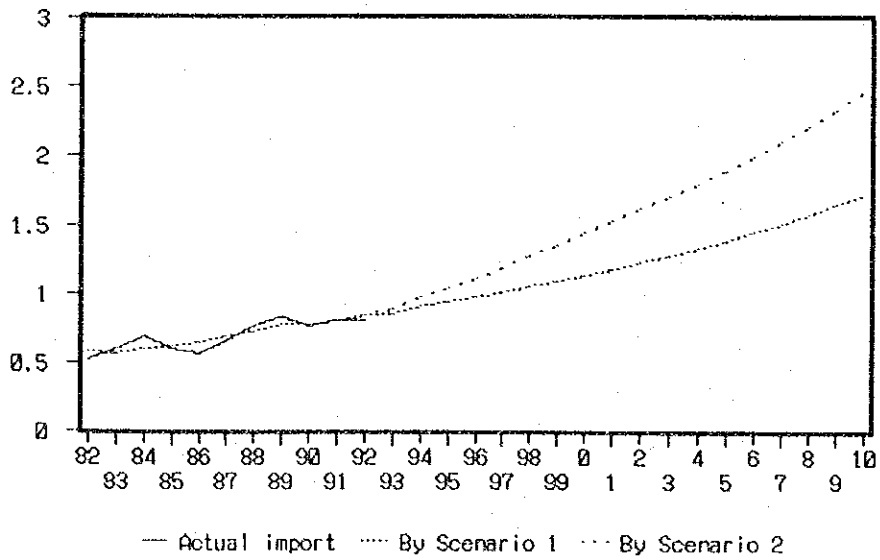


Fig. 1-6-2 Estimation for Import  
Petroleum by GDP (Unit : Million MT)

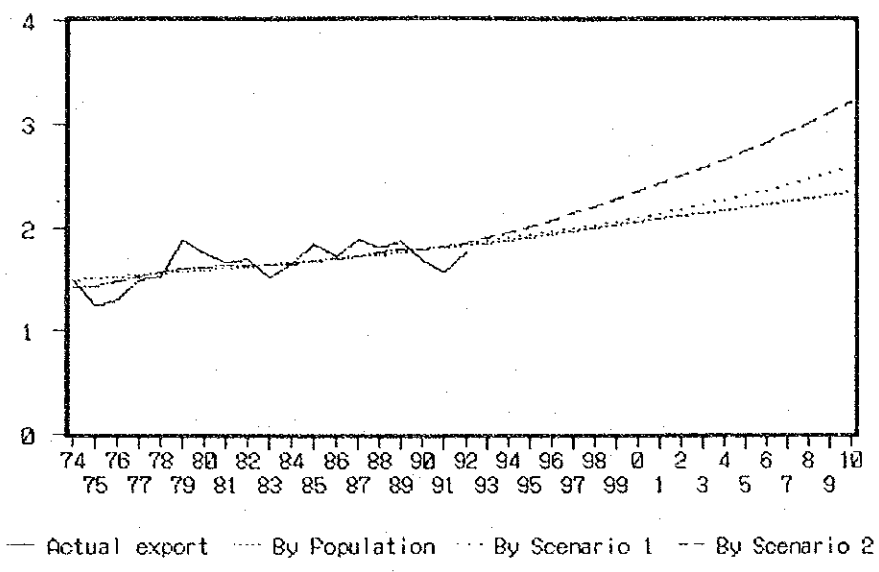


Fig. 1-6-3 Estimation for Export  
 Cargo Volume (Unit : Million MT)

Table 1-7-1 Macro Forecast of Import Cargo Volume at Ports (Scenario 1)

Unit : Thousand MT

	Port of Cortes			Port of Tela			Port of La Ceiba		Port of San Lorenzo		Total Import vol Scenario 1	Petroleum Volume MT	Others volume MT	
	Petroleum	Others	Total	Petroleum	Others	Total	MT	MT	Petroleum	Others				Total
	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT				MT
1974			931		106	106	70			34	34	1,140		
1975			977		59	59	39			15	15	1,090		
1976			779		53	53	48			38	38	918		
1977			804		55	55	55			40	40	953		
1978			1,014		53	53	59			34	34	1,160		
1979			1,104		83	83	65			45	45	1,296		
1980			1,165		85	85	67			51	51	1,368		
1981			998		62	62	64			21	21	1,145		
1982	518	469	987		59	59	62			12	12	1,119	518	600
1983	603	586	1,189		56	56	52			19	19	1,316	603	713
1984	686	638	1,324		58	58	51			29	29	1,461	686	775
1985	600	577	1,177		78	78	46	3		29	29	1,332	600	732
1986	570	650	1,220		69	69	44	1		34	34	1,367	570	797
1987	653	744	1,397		80	80	26	40		47	47	1,589	653	936
1988	761	739	1,499		104	104	17	71	2	59	61	1,751	762	989
1989	822	752	1,574		84	84	10	114	5	43	48	1,830	826	1,003
1990	764	780	1,544		65	65	8	118	3	56	59	1,793	766	1,027
1991	653	978	1,631	152	57	209	4	149		39	39	2,032	805	1,227
1992	596	934	1,530	203	3	206	3	154	9	52	60	1,953	807	1,146
1993	515	929	1,444	200	0	200	0	165	143	58	201	2,010	858	1,151
1994	455	940	1,394	200	0	200	0	176	255	59	313	2,084	909	1,175
1995	473	971	1,444	200	0	200	0	182	273	61	334	2,160	947	1,214
1996	493	1,003	1,496	200	0	200	0	188	293	63	355	2,239	985	1,254
1997	513	1,036	1,549	205	0	205	0	194	308	65	372	2,321	1,025	1,296
1998	533	1,071	1,604	213	0	213	0	201	320	67	387	2,405	1,067	1,339
1999	555	1,106	1,661	222	0	222	0	207	333	69	402	2,492	1,109	1,383
2000	577	1,143	1,720	231	0	231	0	214	346	71	417	2,582	1,153	1,429
2001	601	1,183	1,784	240	0	240	0	222	360	74	434	2,681	1,202	1,479
2002	626	1,225	1,851	250	0	250	0	230	375	77	452	2,783	1,252	1,531
2003	652	1,268	1,920	261	0	261	0	238	391	79	470	2,889	1,303	1,585
2004	678	1,313	1,991	271	0	271	0	246	407	82	489	2,998	1,357	1,641
2005	706	1,359	2,065	282	0	282	0	255	424	85	509	3,111	1,412	1,699
2006	735	1,407	2,142	294	0	294	0	264	441	88	529	3,228	1,470	1,759
2007	765	1,457	2,221	306	0	306	0	273	459	91	550	3,350	1,529	1,821
2008	795	1,508	2,303	318	0	318	0	283	477	94	571	3,475	1,591	1,885
2009	827	1,561	2,388	331	0	331	0	293	496	98	594	3,605	1,654	1,951
2010	860	1,616	2,476	344	0	344	0	303	516	101	617	3,740	1,720	2,020

Source : ENP, Banco Central, IDB, Estimated by The Study Team

Table 1-7-2 Macro Forecast of Import Cargo Volume at Ports (Scenario 2)

Unit : Thousand MT

	Port of Cortes			Port of Tela			Port of La Ceiba	Port of Castellón	Port of San Lorenzo			Estimated Import vol Scenario 2	Petroleum Volume MT	Others volume MT
	Petroleum	Others	Total	Petroleum	Others	Total			Petroleum	Others	Total			
	MT	MT	MT	MT	MT	MT			MT	MT	MT			
1974			931		106	106	70			34	34	1,140		
1975			977		59	59	39			15	15	1,090		
1976			779		53	53	48			38	38	918		
1977			804		55	55	55			40	40	953		
1978			1,014		53	53	59			34	34	1,160		
1979			1,104		83	83	65			45	45	1,296		
1980			1,165		85	85	67			51	51	1,368		
1981			998		62	62	64			21	21	1,145		
1982	518	469	987		59	59	62			12	12	1,119	518	600
1983	603	586	1,189		56	56	52			19	19	1,316	603	713
1984	686	638	1,324		58	58	51			29	29	1,461	686	775
1985	600	577	1,177		78	78	46	3		29	29	1,332	600	732
1986	570	650	1,220		69	69	44	1		34	34	1,367	570	797
1987	653	744	1,397		80	80	26	40		47	47	1,589	653	936
1988	761	739	1,499		104	104	17	71	2	59	61	1,751	762	989
1989	822	752	1,574		84	84	10	114	5	43	48	1,830	826	1,003
1990	764	780	1,544		65	65	8	118	3	56	59	1,793	766	1,027
1991	653	978	1,631	152	57	209	4	149		39	39	2,032	805	1,227
1992	596	934	1,530	203	3	206	3	154	9	52	60	1,953	807	1,146
1993	546	951	1,497	200	0	200	0	178	143	59	203	2,078	889	1,189
1994	516	991	1,507	200	0	200	0	186	255	62	317	2,210	971	1,239
1995	520	1,048	1,568	208	0	208	0	197	312	66	377	2,349	1,039	1,310
1996	556	1,108	1,664	222	0	222	0	208	333	69	403	2,497	1,111	1,385
1997	594	1,172	1,766	238	0	238	0	220	356	73	430	2,652	1,188	1,465
1998	634	1,239	1,873	254	0	254	0	232	381	77	458	2,817	1,268	1,549
1999	677	1,310	1,987	271	0	271	0	246	406	82	488	2,992	1,354	1,638
2000	722	1,386	2,108	289	0	289	0	260	433	87	520	3,176	1,444	1,732
2001	763	1,454	2,216	305	0	305	0	273	458	91	548	3,342	1,525	1,817
2002	805	1,525	2,330	322	0	322	0	286	483	95	579	3,517	1,611	1,906
2003	850	1,600	2,450	340	0	340	0	300	510	100	610	3,700	1,700	1,999
2004	897	1,678	2,575	359	0	359	0	315	538	105	643	3,892	1,794	2,098
2005	947	1,760	2,707	379	0	379	0	330	568	110	678	4,093	1,893	2,200
2006	998	1,847	2,845	399	0	399	0	346	599	115	714	4,305	1,997	2,308
2007	1,053	1,937	2,990	421	0	421	0	363	632	121	753	4,526	2,105	2,421
2008	1,109	2,032	3,142	444	0	444	0	381	666	127	793	4,759	2,219	2,540
2009	1,169	2,132	3,301	468	0	468	0	400	702	133	835	5,003	2,338	2,665
2010	1,232	2,236	3,468	493	0	493	0	419	739	140	879	5,259	2,464	2,795

Source : ENP, Banco Central, IDB, Estimated by The Study Team

Table 1-7-3 Macro Forecast of Port Cargo Volume for Export (Scenario 1)

(Unit : Thousand)

	Port of Cortes	Port of Tela	Port of La Ceiba	Port of Castilla	Port of San Lorenz	Total
Year	MT	MT	MT	MT	MT	MT
1974	949	160	246		134	1,489
1975	851	73	196		113	1,233
1976	718	145	310		124	1,296
1977	840	147	349		161	1,498
1978	874	149	380		118	1,520
1979	1,093	196	473		114	1,876
1980	937	179	469		153	1,738
1981	1,018	160	352		128	1,659
1982	1,026	193	333		137	1,688
1983	1,057	104	234		109	1,503
1984	1,201	141	206		96	1,644
1985	1,371	169	157	39	99	1,834
1986	1,278	140	142	67	80	1,707
1987	1,317	159	91	235	70	1,871
1988	1,270	129	80	265	51	1,794
1989	1,334	126	67	278	49	1,854
1990	1,272	53	8	302	44	1,679
1991	1,134	30	2	348	44	1,557
1992	1,279	16	3	386	70	1,754
1993	1,364			433	77	1,875
1994	1,383			439	78	1,901
1995	1,403			446	79	1,929
1996	1,425			452	81	1,958
1997	1,447			460	82	1,988
1998	1,470			467	83	2,020
1999	1,495			475	85	2,054
2000	1,521			483	86	2,090
2001	1,548			492	88	2,128
2002	1,577			501	89	2,168
2003	1,608			511	91	2,210
2004	1,640			521	93	2,254
2005	1,674			532	95	2,301
2006	1,710			543	97	2,351
2007	1,749			555	99	2,403
2008	1,789			568	101	2,459
2009	1,832			582	104	2,517
2010	1,877			596	106	2,580

Source : Banco Central, IDB, Estimated by The Study Team



Table 1-7-4 Macro Forecast of Port Cargo Volume for Export (Secnario 2)

(Unit : Thousand)

Year	Port of Cortes MT	Port of Tela MT	Port of La Ceiba MT	Port of Castilla MT	Port of San Lorenz MT	Total MT
1974	949	160	246		134	1,489
1975	851	73	196		113	1,233
1976	718	145	310		124	1,296
1977	840	147	349		161	1,498
1978	874	149	380		118	1,520
1979	1,093	196	473		114	1,876
1980	937	179	469		153	1,738
1981	1,018	160	352		128	1,659
1982	1,026	193	333		137	1,688
1983	1,057	104	234		109	1,503
1984	1,201	141	206		96	1,644
1985	1,371	169	157	39	99	1,834
1986	1,278	140	142	67	80	1,707
1987	1,317	159	91	235	70	1,871
1988	1,270	129	80	265	51	1,794
1989	1,334	126	67	278	49	1,854
1990	1,272	53	8	302	44	1,679
1991	1,134	30	2	348	44	1,557
1992	1,279	16	3	386	70	1,754
1993	1,384			439	78	1,901
1994	1,423			452	81	1,955
1995	1,464			465	83	2,012
1996	1,508			479	85	2,072
1997	1,554			494	88	2,136
1998	1,603			509	91	2,203
1999	1,655			526	94	2,274
2000	1,710			543	97	2,349
2001	1,759			559	100	2,417
2002	1,811			575	103	2,488
2003	1,865			592	106	2,563
2004	1,922			610	109	2,642
2005	1,982			629	112	2,724
2006	2,045			649	116	2,810
2007	2,111			670	120	2,900
2008	2,180			692	123	2,995
2009	2,252			715	128	3,095
2010	2,328			739	132	3,199

Source : Banco Central, IDB, Estimated by The Study Team

Table 1-7-5 Estimation of Domestic Cargo Volume at Each Port

Unit : MT

	Port of Cortes		Port of La Ceiba		Port of Castilla		Total Estimated Cargo	Total Estimated Cargo	Estimated by Scenario 1	Estimated by Scenario 2
	Ships	Estimated Cargo	Ships	Estimated Cargo	Ships	Estimated Cargo				
1981			655	32,750						
1982			605	30,250						
1983			765	38,250						
1984			768	38,400						
1985			664	33,200						
1986	287	34,440	598	29,900	125	10,000	74,340			
1987	305	36,600	845	42,250	140	11,200	90,050			
1988	372	44,640	855	42,750	127	10,160	97,550			
1989	397	47,640	860	43,000	230	18,400	109,040			
1990	387	46,440	708	35,400	231	18,480	100,320			
1991	374	44,880	593	29,650	288	23,040	97,570			
1992	396	47,520	602	30,100	205	16,400	94,020			
1993		432	51,856	658	32,900	278	22,214	106,970	107,643	110,870
1994		450	54,003	725	36,233	299	23,902	114,139	110,841	117,436
1995		469	56,263	747	37,353	321	25,678	119,294	114,207	124,381
1996		489	58,641	771	38,548	344	27,548	124,736	117,749	131,723
1997		510	61,144	796	39,823	369	29,516	130,483	121,478	139,488
1998		532	63,782	824	41,182	395	31,590	136,554	125,408	147,701
1999		555	66,562	853	42,628	422	33,775	142,966	129,549	156,383
2000		579	69,494	883	44,166	451	36,079	149,739	133,915	165,563
2001		605	72,586	902	45,089	481	38,510	156,185	138,521	173,848
2002		632	75,849	921	46,037	513	41,075	162,961	143,381	182,540
2003		661	79,294	940	47,008	547	43,783	170,085	148,513	191,658
2004		691	82,933	960	48,001	583	46,644	177,578	153,933	201,223
2005		723	86,778	980	49,014	621	49,667	185,459	159,660	211,257
2006		757	90,843	1,001	50,044	661	52,862	193,749	165,715	221,782
2007		793	95,141	1,022	51,088	703	56,241	202,471	172,118	232,824
2008		831	99,689	1,043	52,144	748	59,816	211,649	178,892	244,406
2009		871	104,503	1,064	53,206	795	63,600	221,310	186,063	256,557
2010		913	109,600	1,085	54,271	845	67,607	231,479	193,655	269,303

Source : ENP, Marina Mercante Nacional and Estimated by The Study Team	
For Port of Cortes GT/Vessel 120.00	For Port of La Ceiba GT/Vessel 50.00
For Port of Castilla GT/Vessel 80.00	

Table 1-7-6 Macro Forecast of Port Cargo Volume (Scenario 1)

Unit : Thousand MT

	Port of Cortes			Port of Tela			Port of La Ceiba			Port of Castilla			Port of San Lorenzo			Total			
	Petroleu	Others	Domestic Total	Petroleu	Others	Total	Petroleu	Others	Domestic Total	Petroleu	Others	Domestic Total	Petroleu	Others	Total	Petroleu	Others	Total	
	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	
1982	518	1,495	31	2,044	252	252	394	30	425	0	0	148	148	148	2,868	518	2,350		
1983	603	1,642	31	2,276	160	160	286	38	325	0	0	128	128	128	2,888	603	2,285		
1984	686	1,839	33	2,558	199	199	257	38	295	0	0	125	125	125	3,176	686	2,491		
1985	600	1,948	35	2,583	246	246	203	33	236	41	41	127	127	127	3,233	600	2,633		
1986	570	1,928	34	2,532	208	208	186	30	216	68	10	113	113	113	3,148	570	2,578		
1987	653	2,061	37	2,750	239	239	116	42	159	275	11	287	116	116	3,550	653	2,897		
1988	761	2,008	45	2,814	233	233	96	43	139	335	10	345	112	112	3,642	762	2,880		
1989	822	2,086	48	2,956	210	210	77	43	120	392	18	411	92	92	3,793	826	2,967		
1990	764	2,052	46	2,862	119	119	16	35	51	419	18	438	100	100	3,573	766	2,806		
1991	653	2,113	45	2,810	87	239	6	30	36	496	23	519	82	82	3,686	805	2,881		
1992	596	2,213	48	2,857	203	19	222	6	30	36	540	16	557	9	121	3,801	807	2,993	
1993	515	2,293	52	2,860	200	0	200	0	33	33	598	22	621	143	135	278	3,992	858	3,133
1994	455	2,323	54	2,832	200	0	200	0	36	36	616	24	639	255	137	392	4,099	909	3,190
1995	473	2,374	56	2,904	200	0	200	0	37	37	628	26	653	273	140	413	4,208	947	3,261
1996	493	2,428	59	2,979	200	0	200	0	39	39	641	28	668	293	143	436	4,322	985	3,336
1997	513	2,483	61	3,057	205	0	205	0	40	40	654	30	683	308	147	454	4,439	1,025	3,414
1998	533	2,541	64	3,138	213	0	213	0	41	41	668	32	699	320	150	470	4,562	1,067	3,496
1999	555	2,601	67	3,223	222	0	222	0	43	43	682	34	716	333	154	487	4,690	1,109	3,580
2000	577	2,664	69	3,310	231	0	231	0	44	44	697	36	733	346	158	504	4,822	1,153	3,669
2001	601	2,732	73	3,405	240	0	240	0	45	45	714	39	752	360	162	522	4,965	1,202	3,763
2002	626	2,802	76	3,504	250	0	250	0	46	46	731	41	772	375	166	541	5,114	1,252	3,862
2003	652	2,876	79	3,607	261	0	261	0	47	47	748	44	792	391	170	561	5,268	1,303	3,965
2004	678	2,953	83	3,715	271	0	271	0	48	48	767	47	814	407	175	582	5,430	1,357	4,073
2005	706	3,034	87	3,826	282	0	282	0	49	49	787	50	836	424	180	603	5,598	1,412	4,186
2006	735	3,118	91	3,943	294	0	294	0	50	50	807	53	860	441	185	626	5,773	1,470	4,303
2007	765	3,205	95	4,065	306	0	306	0	51	51	828	56	885	459	190	649	5,955	1,529	4,426
2008	795	3,297	100	4,192	318	0	318	0	52	52	851	60	911	477	196	673	6,146	1,591	4,555
2009	827	3,393	105	4,324	331	0	331	0	53	53	874	64	938	495	201	698	6,344	1,654	4,690
2010	860	3,493	110	4,463	344	0	344	0	54	54	899	68	967	516	207	723	6,551	1,720	4,831

Source : ENP, Estimated by The Study Team

Table 1-7-7 Macro Forecast of Port Cargo Volume (Scenario 2)

Unit : Thousand MT

	Port of Cortes			Port of La Ceiba			Port of Castilla			Port of San Lorenzo			Total						
	Petroleum	Others	Domestic Total	Petroleum	Others	Domestic Total	Petroleum	Others	Domestic Total	Petroleum	Others	Domestic Total	Petroleum	Others	Domestic Total				
1982	518	1,495	31	2,044	394	30	425	0	0	0	148	148	2,868	518	2,350				
1983	603	1,642	31	2,276	266	38	325	0	0	0	128	128	2,888	603	2,285				
1984	686	1,839	33	2,558	257	38	295	0	0	0	125	125	3,176	686	2,491				
1985	600	1,948	35	2,583	203	33	236	41	0	41	127	127	3,233	600	2,633				
1986	570	1,928	34	2,532	186	30	216	68	10	78	113	113	3,148	570	2,578				
1987	653	2,061	37	2,750	116	42	169	275	11	287	116	116	3,550	653	2,897				
1988	761	2,008	45	2,814	96	43	139	335	10	345	2	110	112	3,642	762	2,880			
1989	822	2,086	48	2,956	77	43	120	392	18	411	5	92	97	3,793	826	2,967			
1990	764	2,052	46	2,862	16	35	51	419	18	438	3	100	102	3,573	766	2,806			
1991	653	2,113	45	2,810	6	30	36	496	23	519	82	82	3,586	805	2,881				
1992	586	2,213	48	2,857	203	19	222	6	30	36	540	16	557	9	121	130	3,801	807	2,993
1993	546	2,335	52	2,932	200	0	200	0	33	33	618	22	640	143	138	281	4,086	889	3,197
1994	516	2,414	54	2,984	200	0	200	0	36	36	638	24	662	255	143	397	4,279	971	3,308
1995	520	2,512	56	3,088	208	0	208	0	37	37	662	26	687	312	148	460	4,480	1,039	3,441
1996	556	2,616	59	3,230	222	0	222	0	39	39	687	28	714	333	155	488	4,693	1,111	3,582
1997	594	2,726	61	3,381	238	0	238	0	40	40	713	30	743	356	161	518	4,919	1,188	3,731
1998	634	2,842	64	3,540	254	0	254	0	41	41	742	32	773	381	168	549	5,157	1,268	3,889
1999	677	2,965	67	3,709	271	0	271	0	43	43	771	34	805	406	176	582	5,409	1,354	4,055
2000	722	3,095	69	3,867	289	0	289	0	44	44	803	36	839	433	183	617	5,675	1,444	4,231
2001	763	3,213	73	4,048	305	0	305	0	45	45	831	39	870	458	190	648	5,916	1,525	4,390
2002	805	3,336	76	4,217	322	0	322	0	46	46	861	41	902	483	198	681	6,168	1,611	4,557
2003	850	3,465	79	4,394	340	0	340	0	47	47	892	44	936	510	206	716	6,433	1,700	4,733
2004	897	3,600	83	4,580	359	0	359	0	48	48	925	47	972	538	214	752	6,711	1,794	4,917
2005	947	3,742	87	4,776	379	0	379	0	49	49	960	50	1,009	568	222	790	7,003	1,893	5,109
2006	998	3,891	91	4,880	399	0	399	0	50	50	996	53	1,049	599	231	830	7,308	1,997	5,312
2007	1,053	4,048	95	5,195	421	0	421	0	51	51	1,034	56	1,090	632	241	872	7,629	2,105	5,524
2008	1,109	4,212	100	5,421	444	0	444	0	52	52	1,073	60	1,133	666	250	916	7,966	2,219	5,747
2009	1,169	4,384	105	5,657	468	0	468	0	53	53	1,115	64	1,179	702	261	962	8,319	2,338	5,981
2010	1,232	4,564	110	5,906	493	0	493	0	54	54	1,159	68	1,226	739	272	1,011	8,690	2,464	6,226

Source : ENP, Estimated by The Study Team

Table 1-7-8 Macro Forecast of Cargo Volume by Packing Type ( Scenario 1 )

	Port of Cortes						Port of Castilla						Port of San Lorenzo						
	General		Liquid		Dry bulk		General		Liquid		Dry bulk		General		Liquid		Dry bulk		
	MT	Unit	MT	Unit	MT	Unit	MT	Unit	MT	Unit	MT	Unit	MT	Unit	MT	Unit	MT	Unit	
1980																			
1981																			
1982	386	554	204	901	2,044														
1983	405	660	258	953	2,276														
1984	443	748	323	1,044	2,558														
1985	477	661	319	1,125	2,583														
1986	476	617	315	1,124	2,532														
1987	514	697	324	1,215	2,750														
1988	483	815	400	1,116	2,814														
1989	473	868	531	1,084	2,956														
1990	498	803	412	1,150	2,862														
1991	504	666	475	1,165	2,810														
1992	565	622	348	1,321	2,857														
1993	553	583	362	1,362	2,860														
1994	528	524	376	1,403	2,832														
1995	522	543	392	1,446	2,904														
1996	517	564	408	1,491	2,979														
1997	511	585	425	1,537	3,057														
1998	505	607	443	1,584	3,138														
1999	498	629	462	1,633	3,223														
2000	492	653	481	1,684	3,310														
2001	488	678	502	1,737	3,405														
2002	484	705	524	1,791	3,504														
2003	480	732	547	1,847	3,607														
2004	477	760	572	1,905	3,715														
2005	473	790	598	1,966	3,826														
2006	470	820	625	2,028	3,943														
2007	467	852	654	2,093	4,065														
2008	464	885	684	2,159	4,192														
2009	461	919	716	2,228	4,324														
2010	459	954	750	2,300	4,463														

Source : ENP, Estimated by The Study Team

Table 1-7-9 Macro Forecast of Cargo Volume by Packing Type ( Secenario 2 )

	Port of Cortes						Port of Castilla						Port of San Lorenzo						
	Liquid		Dry bulk		Unit		Liquid		Dry bulk		Unit		Liquid		Dry bulk		Unit		
	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	MT	
1980						2,102													204
1981						2,016													149
1982	386	554	204	901	2,044	0	0	0	0	0	0	120	25	4	0	0	0	148	
1983	405	660	258	953	2,276	0	0	0	0	0	0	101	20	7	0	0	0	128	
1984	443	748	323	1,044	2,558	0	0	0	0	0	0	99	15	11	0	0	0	125	
1985	477	661	319	1,125	2,583	12	18	11	0	41	0	101	18	8	0	0	0	127	
1986	476	617	315	1,124	2,532	35	22	21	0	78	0	95	14	4	0	0	0	113	
1987	514	697	324	1,215	2,750	117	19	0	151	287	0	88	9	15	4	4	0	116	
1988	483	815	400	1,116	2,814	125	12	12	197	345	0	90	5	12	5	5	0	112	
1989	473	868	531	1,084	2,956	143	7	14	246	411	0	74	6	12	4	4	0	97	
1990	498	803	412	1,150	2,862	167	3	16	252	438	0	82	5	10	5	5	0	102	
1991	504	666	475	1,165	2,810	96	0	25	398	519	0	63	6	5	8	8	0	82	
1992	565	622	348	1,321	2,857	92	17	18	430	557	0	76	16	17	21	21	0	130	
1993	570	615	368	1,379	2,932	156	17	20	447	640	0	102	151	4	23	23	0	281	
1994	567	587	390	1,440	2,984	156	18	21	465	662	0	103	263	5	26	26	0	397	
1995	579	593	413	1,503	3,088	160	20	23	484	687	0	105	321	5	29	29	0	460	
1996	592	631	438	1,569	3,230	164	21	25	504	714	0	107	343	6	33	33	0	488	
1997	607	672	464	1,639	3,381	169	22	27	524	743	0	108	366	6	37	37	0	518	
1998	623	714	492	1,711	3,540	174	24	30	546	773	0	109	391	7	41	41	0	549	
1999	641	760	521	1,787	3,709	179	25	32	568	805	0	110	417	8	46	46	0	582	
2000	660	807	552	1,867	3,887	185	27	35	591	839	0	111	445	9	52	52	0	617	
2001	661	851	586	1,950	4,048	187	29	38	616	870	0	110	470	10	58	58	0	648	
2002	662	896	621	2,037	4,217	188	31	41	641	902	0	109	496	12	65	65	0	681	
2003	663	943	659	2,128	4,394	190	34	45	668	936	0	106	524	13	72	72	0	716	
2004	664	993	699	2,224	4,580	191	37	49	695	972	0	103	553	15	81	81	0	752	
2005	664	1,046	742	2,324	4,776	192	40	53	724	1,009	0	100	583	17	91	91	0	790	
2006	664	1,101	787	2,429	4,980	193	43	58	755	1,049	0	95	615	19	102	102	0	830	
2007	663	1,158	835	2,538	5,195	194	47	63	786	1,090	0	89	649	21	114	114	0	872	
2008	662	1,218	887	2,653	5,421	195	51	68	819	1,133	0	81	684	24	128	128	0	916	
2009	660	1,282	942	2,774	5,657	196	55	74	854	1,179	0	72	720	27	143	143	0	962	
2010	657	1,348	1,000	2,900	5,906	196	60	80	890	1,226	0	62	759	30	160	160	0	1,011	

Source : ENP, Estimated by The Study Team

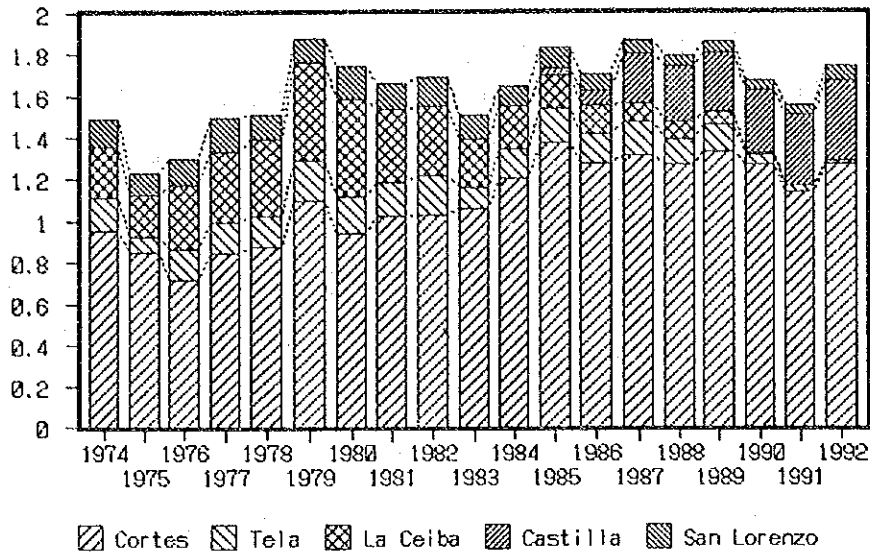


Fig. 1-7-1 Export Cargo Volume at Each Port (Unit: Million MT)

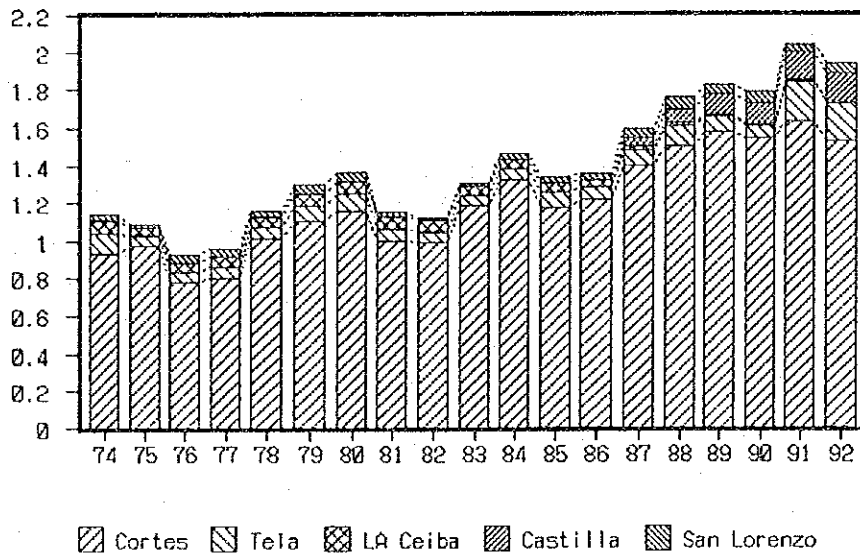


Fig. 1-7-2 Import Cargo Volume at Each Port (Unit: Million MT)

Table 1-8-1 Estimation for Import Volume of Wheat

	Actual Import Wheat	Actual Import Cortes	3 Years Average	Actual Per Capita Consumptio	Estimated Wheat By Popu.	Estimated Per Capita Consumptio
Unit	MT	MT	MT	kg/Year	MT	kg/Year
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978				Average		
1979				25.09		
1980						
1981						
1982	84,441	84,441	84,441	23.05		
1983	81,079	81,079	81,079	21.42		
1984	106,277	106,277	90,599	27.18		
1985	112,670	112,670	100,009	27.89		
1986	108,319	108,319	109,089	25.95		
1987	118,289	118,289	113,093	27.42		
1988	103,217	103,217	109,942	23.16		
1989	122,307	122,307	114,604	26.56		
1990	93,941	93,941	106,488	19.74		
1991	160,647	160,647	125,632	32.68		
1992	106,542	106,542	120,377	20.98		
1993					130,240	24.82
1994					135,061	24.91
1995					140,044	25.00
1996					145,191	25.08
1997					150,509	25.16
1998					156,007	25.25
1999					161,685	25.32
2000					167,551	25.40
2001					172,112	25.45
2002					176,788	25.51
2003					181,580	25.56
2004					186,492	25.61
2005					191,526	25.66
2006					196,687	25.71
2007					201,977	25.76
2008					207,399	25.80
2009					212,956	25.85
2010					218,652	25.89

Source : ENP, Banco Central, Estimated by The Study Team



Table 1-8-2 Estimation for Import Other Foodstuffs Through the Port of Cortes

Unit	Actual Import Otherfood MT	Per Capita Import Otherfood kg	Estimated Import by Per Capita MT	Actual Import at Cortes MT	Estimated Import at Cortes MT
1970					
1971					
1972					
1973					
1974		Past			
1975		5years			
1976		Average			
1977		30.7			
1978		30.0			
1979					
1980					
1981					
1982	46,804	12.78		46,196	45,446
1983	80,155	21.18		79,650	77,820
1984	53,880	13.78		52,881	52,315
1985	46,247	11.45		45,319	44,905
1986	79,622	19.07		78,285	77,303
1987	110,745	25.67	129,402	109,882	107,515
1988	143,861	32.28	133,704	135,851	139,661
1989	121,288	26.34	138,144	112,390	117,749
1990	136,504	28.69	142,734	133,455	132,519
1991	219,682	44.69	147,477	216,447	213,262
1992	108,041	21.27	152,376	103,028	104,890
1993			157,440		152,842
1994			162,669		157,918
1995			168,075		163,166
1996			173,658		168,586
1997			179,427		174,186
1998			185,391		179,975
1999			191,550		185,954
2000			197,913		192,130
2001			202,861		196,933
2002			207,932		201,856
2003			213,131		206,902
2004			218,459		212,075
2005			223,920		217,376
2006			229,518		222,810
2007			235,256		228,380
2008			241,138		234,090
2009			247,166		239,942
2010			253,345		245,940

Source : ENP, Estimated by The Study Team

Table 1-8-3 Estimation for Import Fertilizer Volume

Unit	Actual Import Fertilizer ton	3 years Average Import ton	Actual Import Cortes ton	Actual Import Castilla ton	Actual Import San Lorenz ton	Estimated By Sector GDP ton	Estimated Import at Cortes ton
1970							
1971							
1972							
1973							
1974							
1975							
1976							
1977							
1978						58,615	
1979						63,738	
1980						66,940	
1981						70,462	
1982	49,903	49,903	18,382	0	3,530	77,666	
1983	70,803	70,803	35,126	0	6,683	66,620	
1984	109,735	76,814	63,112	0	11,179	78,306	
1985	61,290	80,609	30,154	0	7,676	82,149	
1986	109,443	93,489	71,285	0	4,199	80,868	
1987	106,840	92,524	51,857	449	15,087	95,116	
1988	120,345	112,209	38,701	12,062	12,052	94,156	
1989	114,241	113,809	53,353	14,276	11,777	112,726	
1990	131,502	122,029	79,161	16,279	10,106	114,968	
1991	135,829	127,191	87,370	24,751	4,870	127,935	
1992	109,071	125,467	88,833	18,173	2,065	134,339	
1993						139,498	113,615
1994						144,843	117,968
1995			81.45%	18.66%	1.89%	150,304	122,416
1996	118,182		81%	17%	2%	155,885	126,960
1997						161,586	131,604
1998						167,411	136,348
1999						173,363	141,196
2000						179,445	146,149
2001						185,659	151,210
2002						192,008	156,381
2003						198,496	161,665
2004						205,124	167,063
2005						211,897	172,579
2006						218,817	178,215
2007						225,887	183,974
2008						233,111	189,858
2009						240,493	195,870
2010						248,035	202,012

Source : ENP, Banco Central, Estimated by The Study Team

Table 1-8-4 Estimation for Import Volume of Iron &amp; Steel

	Actual Import Iron & Ste	Actual Import Cortes	Actual Import Castilla	Actual Import San Lorenz	3 years Average Import	Estimated Iron & Ste By GDP	Estimated Import Cortes
Unit	MT	MT	MT	MT	MT	MT	MT
1970							
1971							
1972							
1973							
1974							
1975							
1976							
1977							
1978						30,258	18,695
1979						34,760	21,476
1980						36,462	22,528
1981						39,152	24,190
1982	30,620	28,812	0	1,338	30,620	38,850	24,004
1983	42,508	41,496	0	568	42,508	37,917	23,427
1984	54,741	50,926	0	3,505	42,623	41,870	25,869
1985	63,508	39,103	0	6,261	53,586	45,054	27,837
1986	32,934	25,248	107	7,497	50,394	46,921	28,990
1987	43,581	30,713	5	12,835	46,674	52,741	32,586
1988	74,650	51,302	65	23,283	50,388	58,122	35,911
1989	58,590	38,047	2	20,541	58,940	64,683	39,965
1990	81,262	46,534	11	34,717	71,501	64,216	39,676
1991	59,097	38,283	128	20,665	66,316	67,593	41,763
1992	94,472	53,248	17	41,207	78,277	73,861	45,635
1993						77,665	47,986
1994						81,742	50,505
1995	368,071	227,414	223	140,413		86,033	53,156
1996		62%	0%	38%		90,549	55,946
1997						95,303	58,883
1998						100,313	61,979
1999						105,592	65,240
2000						111,158	68,679
2001						117,030	72,307
2002						123,227	76,136
2003						129,769	80,178
2004						136,679	84,448
2005						143,981	88,959
2006						151,699	93,728
2007						159,862	98,772
2008						168,499	104,108
2009						177,640	109,756
2010						187,319	115,736

Source : RNP, Banco Central, Estimated by The Study Team

Table 1-8-5 Estimation for Import Volume of Machine &amp; Transport Equipment

Unit	Actual Import Machin MT	Actual Import Cortes MT	Actual Import Castilla MT	Actual Import San Lorenz MT	3 years Average Import MT	Estimated Machin By GDP MT	Estimated Import at Cortes MT
1970							
1971							
1972							
1973							
1974							
1975							
1976							
1977							
1978						13,720	8,334
1979						15,170	9,246
1980						15,718	9,591
1981						16,585	10,136
1982	11,627	7,557	0	3,960	11,627	16,488	10,074
1983	14,657	9,679	0	4,635	14,657	16,187	9,885
1984	19,214	12,967	0	5,910	15,166	17,460	10,686
1985	23,420	13,028	2,495	6,584	19,097	18,486	11,331
1986	19,800	11,020	408	8,249	20,811	19,087	11,709
1987	21,538	13,707	218	7,449	21,586	20,962	12,888
1988	27,401	16,318	701	10,109	22,913	22,695	13,977
1989	25,347	13,600	4,321	7,295	24,762	24,809	15,306
1990	17,720	10,770	339	6,593	23,489	24,658	15,212
1991	23,115	13,707	4,312	5,096	22,061	25,746	15,895
1992	30,505	21,776	233	8,496	23,780	27,765	17,165
1993						28,990	17,935
1994						30,304	18,761
1995	124,088	76,171	9,906	37,589		31,686	19,630
1996		61%	8%	30%		33,140	20,545
1997						34,671	21,507
1998						36,285	22,522
1999						37,985	23,591
2000						39,778	24,718
2001						41,670	25,908
2002						43,666	27,163
2003						45,773	28,488
2004						47,999	29,887
2005						50,351	31,366
2006						52,837	32,929
2007						55,466	34,582
2008						58,248	36,331
2009						61,192	38,182
2010						64,310	40,143

Source : ENP, Banco Central, Estimated by The Study Team

Table 1-8-6 Estimation for Import Volume of Chemicals

	Actual Import Chemical	Actual Import Cortes	Actual Import Castilla	Actual Import San Lorenz	3 years Average Import	Estimated Chemical By GDP	Estimated Import at Cortes
Unit	ton	ton	ton	ton	ton	ton	ton
1970							
1971							
1972							
1973							
1974							
1975							
1976							
1977							
1978						42,879	35,457
1979						44,151	36,297
1980						44,632	36,614
1981						45,393	37,116
1982	38,448	31,673	0	0	38,448	45,307	32,532
1983	53,293	43,870	0	6,652	45,871	45,044	42,332
1984	49,653	42,789	0	5,913	47,131	46,161	39,929
1985	46,198	38,644	91	5,072	49,715	47,061	37,648
1986	53,917	37,439	0	9,583	49,923	47,588	42,744
1987	53,183	41,532	1,942	4,311	51,099	49,233	42,259
1988	44,537	33,858	1,850	3,437	50,546	50,754	36,551
1989	58,321	40,822	5,843	1,765	52,014	52,608	45,651
1990	56,361	46,216	5,948	1,610	53,073	52,476	44,357
1991	47,329	39,918	2,414	1,369	54,004	53,430	38,395
1992	55,430	49,379	1,650	1,706	53,040	55,201	43,743
1993						56,276	44,301
1994						57,429	45,062
1995						58,641	45,863
1996						59,917	46,705
1997						61,261	47,592
1998						62,677	48,527
1999						64,169	49,512
2000						65,742	50,550
2001						67,401	51,646
2002						69,152	52,802
2003						71,001	54,022
2004						72,954	55,311
2005						75,017	56,674
2006						77,199	58,114
2007						79,506	59,637
2008						81,946	61,248
2009						84,529	62,953
2010						87,265	64,759

Source : ENP, Banco Central, Estimated by The Study Team

Table 1-8-7 Forecast Number of Cars by Logistic Curve

Forecast Numbers of Cars by Logistic Curve								
Final Propotion PM=		10.00%						
	t	P	PM	Y=Log(PM/P-1)		P=(PM/1+C^(t-t0))		Actual
				Y	YY	PP	Estimated Number of Cars	
1981			0.1			1.64%	41,726	
1982			0.1			1.64%	46,863	
1983			0.1			1.64%	52,632	
1984			0.1			1.64%	59,111	
1985			0.1			1.64%	66,388	
1986	1	1.81%	0.1	0.6553953	0.6626693	1.79%	74,561	75,592
1987	2	1.94%	0.1	0.6175614	0.6189461	1.94%	83,616	83,831
1988	3	2.07%	0.1	0.5828444	0.5752229	2.10%	93,624	92,333
1989	4	2.25%	0.1	0.5366703	0.5314997	2.27%	104,651	103,691
1990	5	2.42%	0.1	0.4964798	0.4877765	2.45%	116,770	115,013
1991	6	2.70%	0.1	0.4312166	0.4440533	2.65%	130,048	132,895
1992	7		0.1		0.4003301	2.85%	144,550	
1993	8		0.1		0.3566069	3.06%	160,340	
1994	9		0.1		0.3128837	3.27%	177,470	
1995	10		0.1		0.2691605	3.50%	195,995	
1996	11		0.1		0.2254373	3.73%	215,953	
1997	12		0.1		0.1817141	3.97%	237,380	
1998	13		0.1		0.1379909	4.21%	260,306	
1999	14		0.1		0.0942677	4.46%	284,737	
2000	15		0.1		0.0505446	4.71%	310,682	
2001	16		0.1		0.0068214	4.96%	335,446	
2002	17		0.1		-0.036901	5.21%	361,268	
2003	18		0.1		-0.080624	5.46%	388,096	
2004	19		0.1		-0.124348	5.71%	415,870	
2005	20		0.1		-0.168071	5.96%	444,527	
2006	21		0.1		-0.211794	6.20%	474,000	
2007	22		0.1		-0.255517	6.43%	504,222	
2008	23		0.1		-0.299240	6.66%	535,125	
2009	24		0.1		-0.342964	6.88%	566,643	
2010	25		0.1		-0.386687	7.09%	598,713	

Table 1-8-8 Estimation for Import Petroleum

Unit	Actual Import		Actual Export		Actual Consumption		Specific Gravity		Actual Consumption		Actual Proportion of Consumption		Forecasted Import Gasolin		Forecasted Import Gasolin		Forecasted Import Others		Forecasted Total Import		Actual Import Cortes		Forecasted Import Cortes	
	MT	MT	MT	MT	KL	KL	Avg	KL	Gasolin	Others	Gasolin	Others	KL	MT	KL	MT	MT	MT	MT	MT	MT	MT	MT	
1982	518,257	0	518,257																					
1983	602,717	18,973	583,744				0.858														517,718			
1984	685,780	31,733	654,047						458,260												602,661			
1985	600,047	38,355	561,692		673,778				513,450												685,780			
1986	569,517	18,747	550,770		645,111			0.834	137,360												600,047			
1987	652,934	15,911	637,023		738,714			0.884	146,391												569,517			
1988	762,399	42,371	720,028		825,051			0.862	164,883												652,934			
1989	826,489	35,190	791,299		910,052			0.873	174,646												760,660			
1990	766,380	25,116	741,264		863,549			0.870	190,339												821,583			
1991	804,879	6,899	797,980		929,621				165,632												763,762			
1992	807,410	0	807,410		940,607				199,836												652,654			
1993									202,197												596,147			
1994																								
1995																								
1996																								
1997																								
1998																								
1999																								
2000																								
2001																								
2002																								
2003																								
2004																								
2005																								
2006																								
2007																								
2008																								
2009																								
2010																								

Table 1-8-9 Estimation for Import Volume

	Drinks & Taboco	Grease & Oil Animal Vagetable	Paper & Carton	Transit Domestic	Transit Foreign	Weight of Containers	Others	Total
Unit	MT	MT	MT	MT	MT	MT	MT	MT
1970								
1971								
1972								
1973								
1974								
1975								
1976								
1977								
1978								
1979								
1980								
1981								
1982	1,099		18,123	31,167	36,984	94,290	70,311	251,974
1983	979	1,659	20,137	59,501	37,454	115,290	59,970	294,990
1984	889	996	16,518	65,963	38,240	135,660	50,817	309,083
1985	405	4,017	25,826	72,872	19,246	139,020	36,742	298,128
1986	512	9,348	22,214	85,934	18,667	142,380	39,537	318,592
1987	795	6,190	20,372	120,857	23,470	151,200	55,026	377,910
1988	798	9,551	20,039	127,760	16,981	138,390	45,831	359,350
1989	2,170	4,409	28,361	120,801	13,313	165,900	36,666	371,820
1990	1,356	947	22,992	117,869	35,088	135,030	56,440	369,722
1991	842	7,823	15,607	141,015	43,494	146,370	66,603	421,754
1992	1,862	9,238	17,042	204,181	55,231	177,870	45,743	511,167
1993	2,000	10,000	20,000	185,656	45,288	183,266	30,214	476,425
1994	2,000	10,000	20,000	199,549	46,919	188,823	30,204	497,495
1995	2,000	10,000	20,000	214,167	48,635	194,510	30,355	519,667
1996	2,000	10,000	20,000	229,552	50,442	200,237	30,771	543,001
1997	2,000	10,000	20,000	245,750	52,343	205,923	31,552	567,569
1998	2,000	10,000	20,000	262,818	54,347	211,502	32,789	593,456
1999	2,000	10,000	20,000	280,804	56,459	216,932	34,540	620,735
2000	2,000	10,000	20,000	299,768	58,686	222,194	36,850	649,499
2001	2,000	10,000	20,000	319,774	61,035	227,590	39,443	679,842
2002	2,000	10,000	20,000	340,886	63,513	232,860	42,603	711,862
2003	2,000	10,000	20,000	363,176	66,130	238,037	46,325	745,669
2004	2,000	10,000	20,000	386,719	68,895	243,159	50,604	781,376
2005	2,000	10,000	20,000	411,596	71,815	248,263	55,433	819,108
2006	2,000	10,000	20,000	437,894	74,903	253,389	60,808	858,994
2007	2,000	10,000	20,000	465,705	78,168	258,570	66,732	901,175
2008	2,000	10,000	20,000	495,130	81,623	263,839	73,212	945,804
2009	2,000	10,000	20,000	526,274	85,280	269,227	80,260	993,041
2010	2,000	10,000	20,000	559,252	89,152	274,759	87,895	1,043,058

Source : ENP, Banco Central, Estimated by The Study Team



Table 1-8-10 Estimation for Banana Production, Domestic Consumption and Export Volume

Unit	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
Actual Production of Bananas (mt)	958,280	1,108,768	1,078,315	1,044,851	862,037	582,185	813,123	948,731	950,020	1,123,858	1,056,629	1,002,683	858,574	875,895	995,572	1,033,275	1,019,241	1,150,420	1,067,239	1,076,735	1,031,189	959,001	959,137	959,93	959,54	959,95	959,96	959,97	959,98	959,99	959,00	959,01	959,02	959,03	959,04	959,05	959,06	959,07	959,08	959,09	959,10		
Cultivated Area (ha)	22,232	21,391	21,652	22,786	15,000	15,326	15,493	15,583	20,578	20,983	20,764	20,488	20,657	20,677	20,415	20,787	20,852	21,024	21,054	21,004	21,120	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	17,590	
Productivity (mt/ha)	43.01	55.57	49.34	45.32	57.37	38.00	48.37	60.80	52.40	53.52	52.82	49.91	50.76	50.76	49.52	51.36	55.70	51.25	50.76	48.82	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80	54.80
Estimated Production (mt)	917,988	1,027,007	932,765	936,332	854,563	601,214	822,800	827,807	941,838	953,769	961,226	941,240	963,429	955,882	987,698	975,873	1,002,663	1,025,810	1,021,370	1,024,810	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	1,067,243	
Production by GDP (%)	91.7	92.7	93.7	94.7	95.7	96.7	97.7	98.7	99.7	100.7	101.7	102.7	103.7	104.7	105.7	106.7	107.7	108.7	109.7	110.7	111.7	112.7	113.7	114.7	115.7	116.7	117.7	118.7	119.7	120.7	121.7	122.7	123.7	124.7	125.7	126.7	127.7	128.7	129.7	130.7	131.7	132.7	
Sector GDP (Million)	599	715	783	859	521	528	538	544	552	568	585	608	622	638	658	688	718	738	758	778	808	838	868	898	928	958	988	1,018	1,048	1,078	1,108	1,138	1,168	1,198	1,228	1,258	1,288	1,318	1,348	1,378	1,408	1,438	
Sector Agricultural Population (thousand)	487	504	517	534	521	528	538	544	552	568	585	608	622	638	658	688	718	738	758	778	808	838	868	898	928	958	988	1,018	1,048	1,078	1,108	1,138	1,168	1,198	1,228	1,258	1,288	1,318	1,348	1,378	1,408	1,438	
Total Population (thousand)	2,820.3	2,818.8	3,118.8	3,214.2	3,321.0	3,431.3	3,545.3	3,689.1	3,784.8	3,910.6	4,040.5	4,174.7	4,313.4	4,456.8	4,604.8	4,757.8	4,915.9	5,079.2	5,248.0	5,422.3	5,602.5	5,789.9	5,980.9	6,179.7	6,385.2	6,597.1	6,816.2	7,041.4	7,272.8	7,510.6	7,754.9	8,005.9	8,263.9	8,528.9	8,799.9	9,076.9	9,359.9	9,648.9	9,943.9	10,244.9			
Actual Domestic Consumption (mt)	152,799	184,073	186,938	202,744	237,840	243,907	254,52	268,547	286,547	302,81	318,825	337,732	357,643	378,554	401,465	426,376	453,287	482,198	512,109	543,020	574,931	606,842	638,753	670,664	702,575	734,486	766,397	798,308	830,219	862,130	894,041	925,952	957,863	989,774	1,021,685	1,053,596	1,085,507	1,117,418	1,149,329	1,181,240			
Per Capita Domestic Consumption (kg)	41.71	40.62	42.47	42.94	44.52	45.52	46.52	47.52	48.52	49.52	50.52	51.52	52.52	53.52	54.52	55.52	56.52	57.52	58.52	59.52	60.52	61.52	62.52	63.52	64.52	65.52	66.52	67.52	68.52	69.52	70.52	71.52	72.52	73.52	74.52	75.52	76.52	77.52	78.52				
Estimated Domestic Consumption (mt)	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00		
Export Volume (mt)	897,875	824,475	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863
Estimated Exportable Volume (mt)	897,875	824,475	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863	822,863
Port of Call (mt)	427,232	461,088	531,103	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	
Port of Call by Carby (mt)	181,038	98,143	134,777	161,252	132,358	151,612	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745		
Port of Call (mt)	427,232	461,088	531,103	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	
Port of Call by Carby (mt)	181,038	98,143	134,777	161,252	132,358	151,612	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745		
Port of Call (mt)	427,232	461,088	531,103	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	521,611	
Port of Call by Carby (mt)	181,038	98,143	134,777	161,252	132,358	151,612	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745	119,745		

Source : ENP, Ministry of National Resources, Banco Central, Estimated by The Study Team

Table 1-8-11 Estimation for Production and Export Volume of Coffee

Unit	Actual Production of Coffee	Cultivated Area	Productivity	Estimation of Production by GDP	Estimation of Production by Labor	Sector GDP	Sector Labor	Actual Export Volume	Estimation of Export Volume	Proportion of Exports	Actual Port of Cortes	Estimation of Port of Cortes	Actual San Lorenzo	Estimation of San Lorenzo
ton	ha	ton/ha	ton	million	thousand	ton	ton	ton	ton	%	ton	ton	ton	ton
1970	33,782	93,536	0.36					36,454	41,122					
1971	36,016	96,277	0.37					38,404	42,798					
1972	36,379	99,886	0.37					38,710	43,061					
1973	48,036	101,997	0.47					48,535	51,506					
1974	45,451	109,082	0.42				487	46,356	49,633					
1975	50,985	111,170	0.46				494	51,021	53,642					
1976	50,077	112,886	0.44				501	50,256	52,985					
1977	48,308	114,838	0.42				507	48,765	51,703					
1978	63,776	116,823	0.55				514	61,802	62,908					
1979	66,679	118,843	0.56				521	64,249	65,011					
1980	69,764	120,897	0.58				528	66,848	67,246					
1981	80,423	122,086	0.66				536	75,833	74,968					
1982	77,021	122,989	0.63				544	72,966	59,555	75.17%	55,558	2,342	13,411	
1983	84,579	124,194	0.68				552	75,132	74,163	88.83%	74,163	969	4,971	
1984	63,338	122,487	0.52				568	68,896	61,432	108.78%	68,513	69,006	383	
1985	82,481	124,291	0.66				585	72,903	77,568	88.32%	72,860	4,708	35	5,118
1986	69,560	122,864	0.57				606	79,614	66,768	114.28%	79,614	86,915	84,493	
1987	92,344	124,723	0.74				622	85,915	85,880	94.12%	86,915	75,456	25	8,778
1988	90,390	120,436	0.71				641	76,401	84,234	84.52%	76,376	8,858	209	2,268
1989	92,292	141,237	0.65				673	88,254	85,668	98.83%	88,045	3,213	1,668	1,179
1990	111,264	143,698	0.77				688	104,444	101,827	93.87%	102,776	85,059	3,561	1,934
1991	92,768	146,817	0.63				703	87,574	86,236	94.40%	84,013	111,860	11,934	5,134
1992	126,742	150,002	0.84				718	118,756	114,873	93.70%	106,822	101,084	5,748	9,052
1993							734	186,218	186,218	91.19%	186,218	103,522	83,696	10,831
1994							750	109,056	109,056	91.00%	103,522	106,015	5,941	6,357
1995							766	111,956	111,956	90.81%	106,015	108,582	6,357	6,782
1996							783	114,319	114,319	90.83%	108,582	113,823	7,217	7,661
1997							800	117,947	117,947	90.48%	111,164	116,540	8,115	8,579
1998							817	121,040	121,040	90.29%	113,823	122,151	8,328	8,794
1999							835	124,201	124,201	90.13%	116,540	125,049	8,509	8,974
2000							853	127,430	127,430	89.97%	119,315	128,010	8,695	9,134
2001							872	130,730	130,730	89.81%	122,151	131,035	8,884	9,333
2002							891	134,101	134,101	89.67%	125,049	137,548	12,499	12,948
2003							910	137,548	137,548	89.52%	128,010	141,066	13,056	13,505
2004							930	141,066	141,066	89.38%	131,035	144,662	13,627	14,076
2005							950	144,662	144,662	89.25%	134,126	148,337	14,111	14,560
2006							971	148,337	148,337	89.12%	137,284	148,337	11,053	11,502
2007							992	152,091	152,091	88.99%	140,511	152,091	11,580	12,029
2008							1,013	155,928	155,928	88.87%	143,809	155,928	12,119	12,568
2009							1,035	159,847	159,847	88.75%	147,177	162,852	12,670	13,119
2010							1,058	162,852	162,852	88.64%	150,620	162,852	12,232	12,681

Source : ENP, Banco Central, (CAF). Estimated by The Study Team

Table 1-8-12 Estimation for Production and Export Volume of Melon

	Production Melon	Estimate Production	Export per Production	Export Volume	Port of Cortes	Estimated Cortes	Port of Tela	Port of Castilla	Port of San Lorenz
unit	MT	MT	exp/pro %	MT	MT	MT	MT	MT	MT
1970	556	347							
1971	576	449							
1972	597	582							
1973	647	754							
1974	670	977							
1975	694	1,264							
1976	719	1,636							
1977	745	2,116							
1978	959	2,734							
1979	3,218	3,530							
1980	4,100	4,553							
1981	4,900	5,863							
1982	5,000	7,535							
1983	5,300	9,660							
1984	5,800	12,347							
1985	6,200	15,719							
1986	17,000	19,914							
1987	33,000	25,076							
1988	31,100	31,344							
1989	48,600	38,830	0.27%	106			106		
1990	N.D	47,601	1.08%	516			516		
1991	N.D	57,643	81.98%	47,256	47,256	47,256			
1992	N.D	68,847	84.29%	58,028	57,691	57,691	267	70	
1993		80,990				72,891			
1994		93,743				84,369			
1995		106,705				96,034			
1996		119,444				107,499			
1997		131,559				118,403			
1998		142,726				128,453			
1999		152,725				137,453			
2000		161,450				145,305			
2001		168,893				152,004			
2002		175,121				157,609			
2003		180,247				162,222			
2004		184,411				165,970			
2005		187,757				168,981			
2006		190,422				171,380			
2007		192,530				173,277			
2008		194,188				174,770			
2009		195,487				175,938			
2010		196,501				176,851			

Source : ENP, Ministry of National Resource, Banco Central, Estimated by The Study Team

Table 1-8-13 Estimation for Export Volume of Timber

unit	Production Timber m3	Production Timber MT	Estimation Production Timber MT	Export Volume m3	Export per Production exp/pro	Actual Export Volume MT	Estimation Export Volume MT	Export Port of Cortes MT	Estimation Export Cortes MT
1970									
1971									
1972									
1973									
1974									
1975									
1976									
1977	610,400	493,957	466,479	443,519			282,692		
1978	615,800	498,327	487,059	357,893			286,051		
1979	567,000	458,836	461,586	335,622			255,694		
1980	545,000	441,033	438,039	265,518			242,009		
1981	543,000	439,415	416,271	289,343			240,765		
1982	475,000	384,387	396,148	309,129	59.36%	228,173	217,690	147,037	145,064
1983	453,000	366,583	377,546	263,549	51.35%	188,232	197,404	122,062	118,386
1984	412,000	333,405	360,350	205,672	46.36%	154,567	179,904	102,125	95,901
1985	421,200	340,850	344,453	200,518	45.78%	156,056	164,807	98,565	96,895
1986	389,200	314,954	329,758	188,462	54.20%	170,705	151,785	111,143	106,680
1987	449,300	363,589	316,173	261,636	47.76%	173,641	140,551	96,939	108,641
1988	419,600	339,555	303,615	173,916	41.45%	140,744	130,860	79,435	86,668
1989	397,700	321,833	292,006	141,000	39.79%	128,047	122,500	67,851	78,188
1990	328,100	265,510	281,274	86,907	35.71%	94,807	115,289	59,811	55,986
1991	302,600	244,875	271,354	72,207	42.88%	104,999	109,068	56,604	62,793
1992	N.D	262,503	262,183	N.D	42.88%	112,558	103,702	81,472	67,842
1993			253,705		39.05%		99,072		58,835
1994			245,867		38.67%		95,079		56,167
1995			238,622		38.40%		91,634		53,867
1996			231,925		38.23%		88,662		51,882
1997			225,734		38.14%		86,099		50,170
1998			220,010		38.13%		83,888		48,693
1999			214,720		38.18%		81,980		47,418
2000			209,828		38.29%		80,334		46,319
2001			205,307		38.44%		78,915		45,371
2002			201,127		38.63%		77,690		44,553
2003			197,264		38.85%		76,634		43,848
2004			193,692		39.09%		75,723		43,239
2005			190,390		39.36%		74,937		42,714
2006			187,337		39.64%		74,259		42,261
2007			184,516		39.93%		73,674		41,870
2008			181,907		40.22%		73,169		41,533
2009			179,496		40.52%		72,734		41,243
2010			177,267		40.82%		72,358		40,992
				1902996		1539971			
					Unit Weigh	0.8092350			

Source : ENP, Ministry of National Resources, Banco Central, Estimated by The Study Team

Table 1-8-14 Estimation for Export Volume of Pineapple

	Actual Producti Pineappl	Estimate Producti By GDP	Actual Domestic Consumpt	Per Capi Consumpt	Agricult Sector GDP	Total Populati Thousand	Actual Export Volume MT	Actual Export/ Producti exp/pro	Estimate Export Volume MT	Actual Export Cortes MT	Estimate Export Cortes MT
Unit	MT	MT	MT	kg	Million	Thousand	MT		MT	MT	MT
1970	5,313										
1971	6,088			Average							
1972	6,977			41.79							
1973	12,961										
1974	14,877					2,820					
1975	17,048					2,914					
1976	17,219					3,011					
1977	17,391					3,111					
1978	31,360	160,560			933	3,214					
1979	30,230	168,020			965	3,321					
1980	141,500	172,682			985	3,431					
1981	160,800	177,811			1,007	3,545					
1982	195,344	188,302	164,262	44.8	1,052	3,663	31,082	15.91%		466	
1983	171,200	172,216	141,404	37.4	983	3,785	29,796	17.40%		1,142	
1984	182,300	189,235	150,645	38.5	1,056	3,911	31,655	17.36%		1,118	
1985	198,000	194,830	170,989	42.3	1,080	4,041	27,011	13.64%		1,777	
1986	207,700	192,965	180,751	43.3	1,072	4,175	26,949	12.97%		1,262	
1987	210,200	213,713	171,894	39.9	1,161	4,313	38,306	18.22%		6,626	
1988	212,700	212,315	187,022	42.0	1,155	4,457	25,678	12.07%		4,775	
1989	215,200	239,358	183,816	39.9	1,271	4,605	31,384	14.58%		2,678	
1990	222,216	242,622	183,541	38.6	1,285	4,758	38,675	15.27%		4,132	
1991	284,092	261,505	234,648	47.7	1,366	4,916	49,444	15.27%		4,937	
1992	278,938	270,831	230,391	45.4	1,406	5,079	48,547	15.27%		7,863	
1993		278,344	220,416	42.0	1,438	5,248			57,928		8,689
1994		286,128	227,737	42.0	1,472	5,422			58,391		8,759
1995		294,080	235,305	42.0	1,506	5,603			58,775		8,816
1996		302,206	243,121	42.0	1,541	5,789			59,085		8,863
1997		310,509	251,198	42.0	1,576	5,981			59,311		8,897
1998		318,992	259,547	42.0	1,613	6,180			59,445		8,917
1999		327,660	268,170	42.0	1,650	6,385			59,490		8,923
2000		336,516	277,078	42.0	1,688	6,597			59,438		8,916
2001		345,565	284,005	42.0	1,727	6,762			61,560		9,234
2002		354,811	291,105	42.0	1,766	6,931			63,706		9,556
2003		364,258	298,383	42.0	1,807	7,104			65,875		9,881
2004		373,910	305,842	42.0	1,848	7,282			68,068		10,210
2005		383,773	313,489	42.0	1,890	7,464			70,284		10,543
2006		393,850	321,326	42.0	1,934	7,651			72,524		10,879
2007		404,146	329,359	42.0	1,978	7,842			74,787		11,218
2008		414,666	337,593	42.0	2,023	8,038			77,073		11,561
2009		425,415	346,033	42.0	2,069	8,239			79,383		11,907
2010		436,398	354,684	42.0	2,116	8,445			81,715		12,257

Source : ENP, National Resources, Banco Central, Estimated by The Study Team

Table 1-8-15 Estimation for Production and Export Volume of African Palm Oil

	Actual Production Af. Palm	Cultivated Area	Actual Productivi t/ha	Estimate Production 20%	Domestic Consumptio MT	Per Capita Consumptio kg	Actual Export Volume MT	Estimated Export Volume MT	Port of Cortes MT
unit	MT	ha	t/ha	MT	MT	kg	MT	MT	MT
1970	32,795	4,451	7.37	6,559					
1971	43,273	4,726	9.16	8,655					
1972	47,900	5,176	9.25	9,580		5 Years			
1973	51,846	5,436	9.54	10,369		Average			
1974	50,803	5,963	8.52	10,161		13.59			
1975	51,075	7,671	6.66	10,215					
1976	49,488	7,710	6.42	9,898					
1977	56,745	13,255	4.28	11,349					
1978	61,871	15,298	4.04	12,374					
1979	60,918	18,558	3.28	12,184					
1980	85,685	17,787	4.82	17,137					
1981	107,730	20,235	5.32	21,546					
1982	159,259	20,386	7.81	31,852	31,852	8.70	0		
1983	200,083	20,523	9.75	40,017	40,017	10.57	0		
1984	259,686	20,541	12.64	51,937	50,426	12.89	1,511		
1985	311,669	22,327	13.96	62,334	44,458	11.00	17,876		
1986	325,322	23,112	14.08	65,064	40,049	9.59	25,015		3,450
1987	293,525	20,301	14.46	58,705	30,827	7.15	27,878		8,696
1988	339,111	22,618	14.99	67,822	56,840	12.75	10,982		1,000
1989	330,584	23,788	13.90	66,117	64,453	14.00	1,664		0
1990	339,384	24,569	13.81	67,877	67,877	14.27	0		0
1991	342,559	26,760	12.80	68,512	68,512	13.94	0		0
1992	383,065	29,147	13.14	76,613	66,098	13.01	10,515		2,038
1993	399,948	29,730	13.45	79,990	71,730	13.67		8,260	2,753
1994	417,574	30,324	13.77	83,515	74,518	13.74		8,996	2,999
1995	435,978	30,931	14.10	87,196	77,417	13.82		9,778	3,259
1996	455,192	31,549	14.43	91,038	80,428	13.89		10,611	3,537
1997	475,253	32,180	14.77	95,051	83,555	13.97		11,495	3,832
1998	496,199	32,824	15.12	99,240	86,806	14.05		12,434	4,145
1999	518,067	33,480	15.47	103,613	90,182	14.12		13,431	4,477
2000	540,899	34,150	15.84	108,180	93,689	14.20		14,491	4,830
2001	564,738	34,833	16.21	112,948	96,558	14.28		16,390	5,463
2002	589,627	35,530	16.60	117,925	99,515	14.36		18,411	6,137
2003	615,613	36,240	16.99	123,123	102,562	14.44		20,561	6,854
2004	642,744	36,965	17.39	128,549	105,703	14.52		22,846	7,615
2005	671,071	37,704	17.80	134,214	108,939	14.60		25,275	8,425
2006	700,647	38,458	18.22	140,129	112,275	14.68		27,854	9,285
2007	731,526	39,227	18.65	146,305	115,714	14.76		30,592	10,197
2008	763,766	40,012	19.09	152,753	119,257	14.84		33,496	11,165
2009	797,426	40,812	19.54	159,485	122,909	14.92		36,576	12,192
2010	832,570	41,629	20.00	166,514	126,673	15.00		39,841	13,280

Source : ENP, Banco Central, Estimated by The Study Team

Table 1-8-16 Estimation for Export Volume of Sugar

Unit	Production Sugar Cane				Cultivated Area				Production Sugar				Consumption				Actual					
	Estimation		Actual		Cultivated area		By GDP		Actual		Sugar		Molasses		Estimate		Domestic		Export		Port of	
	NI	MI	ha	ha	ha	ha	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI
1970	374,544	25,809	25,270																			
1971	407,113	25,270	367,925																			
1972	484,814	25,512	485,371																			
1973	157,315	24,308	Estimate																			
1974	571,225	27,095	485,371																			
1975	557,118	27,338																				
1976	645,116	28,037	0,906																			
1977	933,345	31,958																				
1978	1,081,529	32,875	112,946																			
1979	2,555,448	37,036	40,734	145,878																		
1980	2,855,300	40,027	40,820	184,933																		
1981	2,878,816	44,152	40,914	189,015																		
1982	3,052,581	45,872	41,108	208,080																		
1983	3,150,161	44,414	40,811	210,380																		
1984	3,047,965	44,495	41,125	217,773																		
1985	2,988,352	44,829	41,220	212,602																		
1986	2,988,880	44,829	41,193	221,901																		
1987	2,659,003	41,791	41,575	186,929																		
1988	2,593,917	38,459	41,550	169,147																		
1989	2,719,960	40,787	42,048	187,337																		
1990	2,910,388	40,783	42,108	192,120																		
1991	2,849,256	41,776	42,455	174,772																		
1992	2,938,053	42,793	42,527	ND																		
1993	2,935,638	42,785	42,765																			
1994	2,948,149	42,909	42,909																			
1995	2,960,933	43,055	43,055																			
1996	2,973,936	43,205	43,205																			
1997	2,987,342	43,358	43,358																			
1998	3,000,979	43,514	43,514																			
1999	3,014,912	43,673	43,673																			
2000	3,029,149	43,837	43,837																			
2001	3,043,695	44,003	44,003																			
2002	3,058,558	44,173	44,173																			
2003	3,073,744	44,347	44,347																			
2004	3,089,260	44,525	44,525																			
2005	3,105,114	44,707	44,707																			
2006	3,121,313	44,892	44,892																			
2007	3,137,864	45,082	45,082																			
2008	3,154,775	45,276	45,276																			
2009	3,172,055	45,473	45,473																			
2010	3,189,710	45,676	45,676																			

Source : ENP, Bansa Central, Estimated by The Study Team

Table 1-8-17 Estimation for Export Volume of Molasses

d	Actual Export Molasses	Estimated Export Molasses	Actual Port of Cortes	Estimated Port of Cortes
Unit	MT	MT	MT	MT
1970				
1971				
1972				
1973				
1974				
1975				
1976				
1977				
1978			Average	
1979			21,531	
1980				
1981				
1982	61,164		36,164	
1983	57,432		37,597	
1984	45,664		30,678	
1985	40,751		22,745	
1986	38,941		25,241	
1987	28,216		19,000	
1988	16,154		11,100	
1989	16,575		10,575	
1990	18,863		13,861	
1991	12,307		6,337	
1992	31,258		23,546	
1993		34,881		22,438
1994		35,345		22,721
1995		35,818		23,010
1996		36,303		23,306
1997		36,797		23,607
1998		37,303		23,915
1999		37,819		24,230
2000		38,347		24,552
2001		38,886		24,881
2002		39,437		25,217
2003		40,000		25,560
2004		40,575		25,911
2005		41,163		26,269
2006		41,763		26,635
2007		42,377		27,010
2008		43,003		27,392
2009		43,644		27,782
2010		44,298		28,181

Source : ENP, Estimated by The Study Team



Table 1-8-18 Estimation for Production, Consumption and Export of Cement

	Actual Production Cement	Estimation Cement by GDP	Sctor GDP Industry	Actual Domestic Consumptio	Estimation Consumptio by GDP	Sctor GDP Constructi	Actual Export Volume	Estimated Export Volume	Actual Export Cortes	Estimated Export Cortes
Unit	MT	MT	Million	MT	MT	Million	MT	MT	MT	MT
1970										
1971										
1972										
1973										
1974										
1975										
1976										
1977										
1978	274,338	302,007	520		390,935	199				
1979	288,363	365,004	554		321,389	178				
1980	307,233	318,683	529		400,870	202				
1981	310,888	313,124	526		314,766	176				
1982	277,440	268,657	502	266,671	420,740	208	10,769		10,769	
1983	485,435	327,947	534	485,435	486,974	228				
1984	534,183	403,913	575	534,181	526,715	240	2	7,468	2	
1985	347,523	416,883	582	331,696	463,792	221	15,827	0	4,725	
1986	359,975	461,350	606	315,215	318,077	177	44,760	41,898	24,134	
1987	451,180	535,463	646	390,158	341,259	184	61,022	109,921	61,022	
1988	560,065	594,754	678	450,145	430,675	211	109,920	129,390	109,920	
1989	648,763	642,927	704	438,200	533,338	242	210,563	115,424	210,563	
1990	697,680	652,191	709	591,932	453,857	218	105,748	243,823	105,742	
1991	693,048	670,720	719	656,556	493,598	230	36,492	199,450	36,492	
1992	760,113	722,599	747	730,946	722,105	299	29,167	38,007	29,167	
1993		770,034	773		749,186	307		20,848		20,848
1994		820,145	800		777,885	316		42,259		42,259
1995		872,347	828		808,737	325		63,610		63,610
1996		926,721	857		841,904	335		84,817		84,817
1997		983,359	888		877,563	346		105,796		105,796
1998		1,042,367	920		915,893	358		126,474		126,474
1999		1,103,824	953		957,101	370		146,723		146,723
2000		1,167,848	987		1,001,406	383		166,442		166,442
2001		1,234,538	1,023		1,049,032	398		185,506		185,506
2002		1,304,008	1,061		1,100,233	413		203,775		203,775
2003		1,376,374	1,100		1,155,276	430		221,098		221,098
2004		1,451,755	1,141		1,214,451	448		237,304		237,304
2005		1,530,278	1,183		1,278,066	467		252,212		252,212
2006		1,612,073	1,227		1,346,455	488		265,618		265,618
2007		1,697,277	1,273		1,419,976	510		277,301		277,301
2008		1,786,032	1,321		1,499,015	534		287,017		287,017
2009		1,878,486	1,371		1,583,985	559		294,501		294,501
2010		1,974,794	1,423		1,675,333	587		299,461		299,461

Source : ENP, Banco Central, Estimated by The Study Team

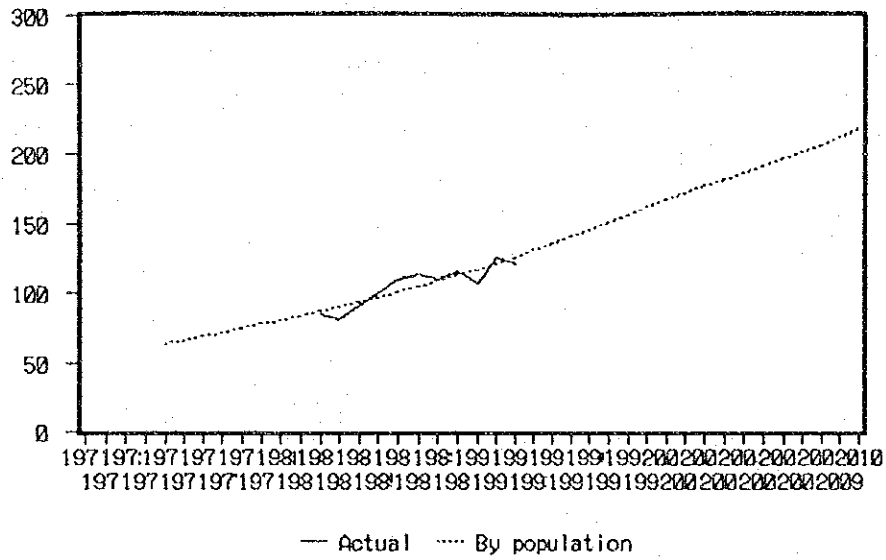


Fig. 1-8-1 Estimation for Import Wheat  
(Unit: Thousand MT)

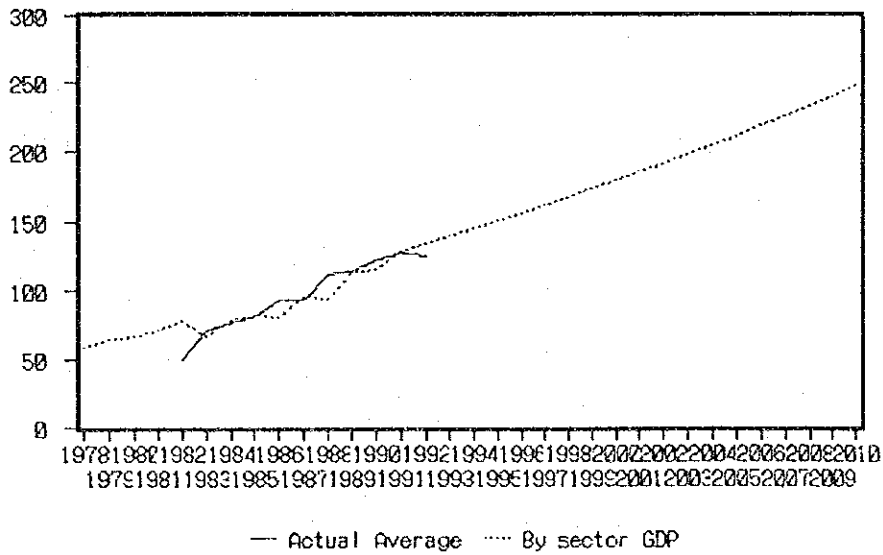


Fig. 1-8-2 Estimation for Import Fertilizer  
(Unit: Thousand MT)

Table 1-8-19 Estimation for Export Volume of Minerals

	Production & Export Volume	Estimated Production By GDP	Mining Sector GDP	Actual Export at Cortes	Estimated Export at Cortes
Unit	MT	MT	Million	MT	MT
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978		78,420	73		
1979		85,758	77		
1980		65,580	66		
1981		54,575	60		
1982	66,803	76,586	72	66,803	
1983	101,957	87,592	78	101,957	
1984	126,777	104,100	87	126,777	
1985	139,166	107,769	89	139,166	
1986	71,791	96,763	83	71,791	
1987	38,032	38,066	51	38,032	
1988	79,519	71,083	69	79,519	
1989	88,040	87,592	78	88,040	
1990	66,530	74,752	71	66,530	
1991	82,396	87,592	78	82,333	
1992	87,825	116,940	94	72,325	
1993		116,978	94		116,978
1994		117,525	94		117,525
1995		118,139	95		118,139
1996		118,685	95		118,685
1997		119,231	95		119,231
1998		119,846	96		119,846
1999		120,392	96		120,392
2000		120,938	96		120,938
2001		121,511	96		121,511
2002		122,079	97		122,079
2003		122,650	97		122,650
2004		123,224	97		123,224
2005		123,800	98		123,800
2006		124,372	98		124,372
2007		124,947	98		124,947
2008		125,525	99		125,525
2009		126,099	99		126,099
2010		126,676	99		126,676

Source : ENP, Banco Central, Estimated by The Study Team

Table 1-8-20 Export Volume of Others

	Wight of Containers	Textile	Meat	Plantain Banana P.	Transit	Other Products	Others Total
Unit	MT	MT	MT	MT	MT	MT	MT
1970							
1971							
1972							
1973							
1974							
1975							
1976							
1977							
1978							
1979							
1980							
1981							
1982	94,290		16,392	5,598	27,761	70,347	214,388
1983	115,290		14,822	8,032	31,867	48,676	218,687
1984	135,660		10,399	10,881	32,976	41,518	231,434
1985	139,020		8,495	25,710	22,692	68,140	264,057
1986	142,380		10,695	25,528	25,990	47,730	252,323
1987	151,200		9,492	20,660	22,957	65,968	270,277
1988	138,390		9,985	18,842	9,484	79,502	256,203
1989	165,900		9,277	15,737	13,367	79,382	283,663
1990	135,030		11,191	14,382	18,639	118,769	298,011
1991	146,370	14,807	12,708	16,156	17,711	78,346	286,098
1992	177,870	26,596	17,147	25,632	24,687	84,139	356,071
1993	183,266	27,545	20,000	30,000	30,000	45,219	336,030
1994	188,823	28,528	20,000	30,000	30,000	50,565	347,916
1995	194,510	29,547	20,000	30,000	30,000	56,367	360,423
1996	200,237	30,601	20,000	30,000	30,000	62,747	373,586
1997	205,923	31,693	20,000	30,000	30,000	69,828	387,444
1998	211,502	32,825	20,000	30,000	30,000	77,721	402,047
1999	216,932	33,996	20,000	30,000	30,000	86,507	417,435
2000	222,194	35,210	20,000	30,000	30,000	96,256	433,660
2001	227,590	36,466	20,000	30,000	30,000	106,720	450,776
2002	232,860	37,768	20,000	30,000	30,000	118,211	468,839
2003	238,037	39,116	20,000	30,000	30,000	130,755	487,909
2004	243,159	40,512	20,000	30,000	30,000	144,380	508,051
2005	248,263	41,958	20,000	30,000	30,000	159,114	529,335
2006	253,389	43,456	20,000	30,000	30,000	174,990	551,835
2007	258,570	45,007	20,000	30,000	30,000	192,053	575,629
2008	263,839	46,613	20,000	30,000	30,000	210,351	600,804
2009	269,227	48,277	20,000	30,000	30,000	229,946	627,449
2010	274,759	50,000	20,000	30,000	30,000	250,905	655,664
	Container	Container	Container	Container	Container	40% Cont.	
						60% Gene.	

Source : ENP, Banco Central, Estimated by The Study Team

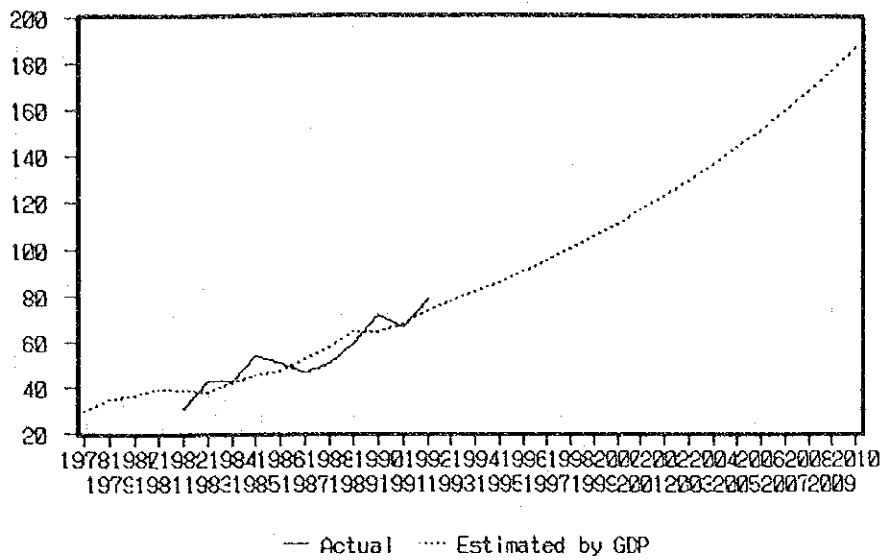


Fig. 1-8-3 Estimation for Import Iron & Steel  
(Unit: Thousand MT)

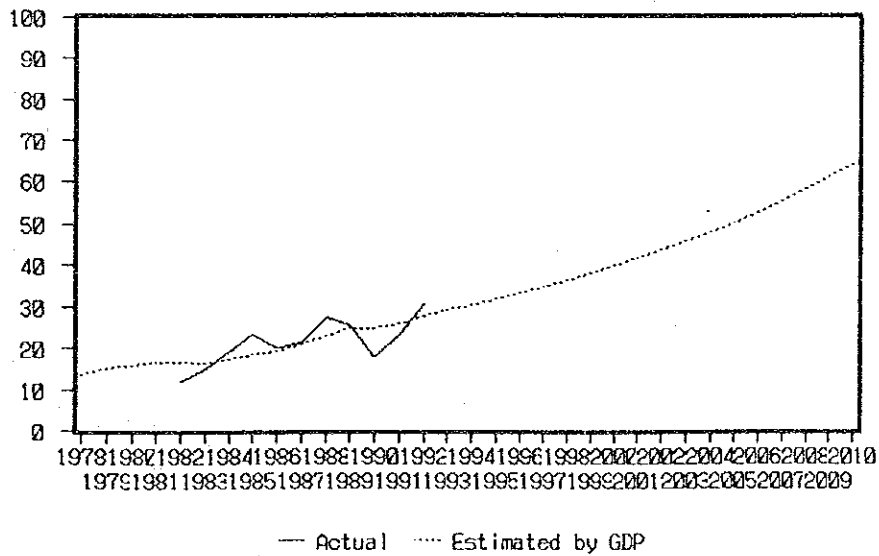


Fig. 1-8-4 Estimation for Import Machin  
(Unit: Thousand MT)

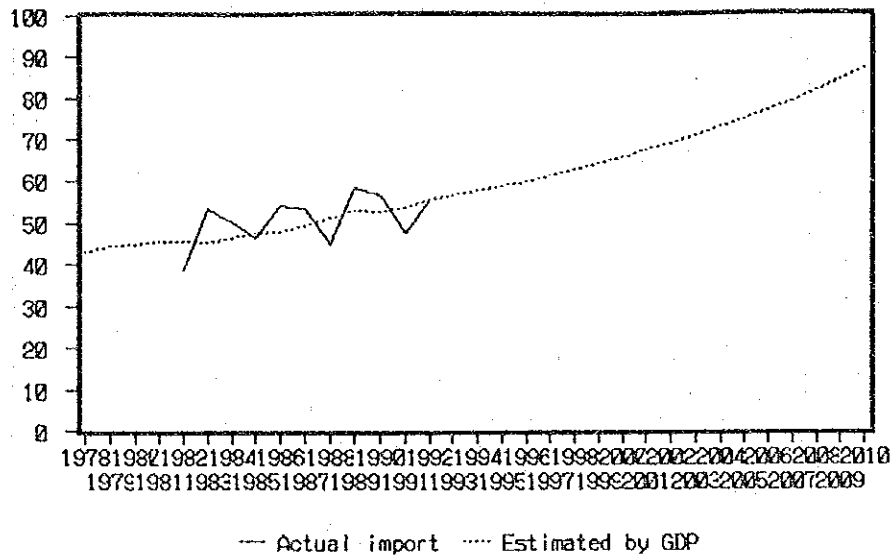


Fig. 1-8-5 Estimation for Import Volume of Chemicals  
(Unit: Thousand MT)

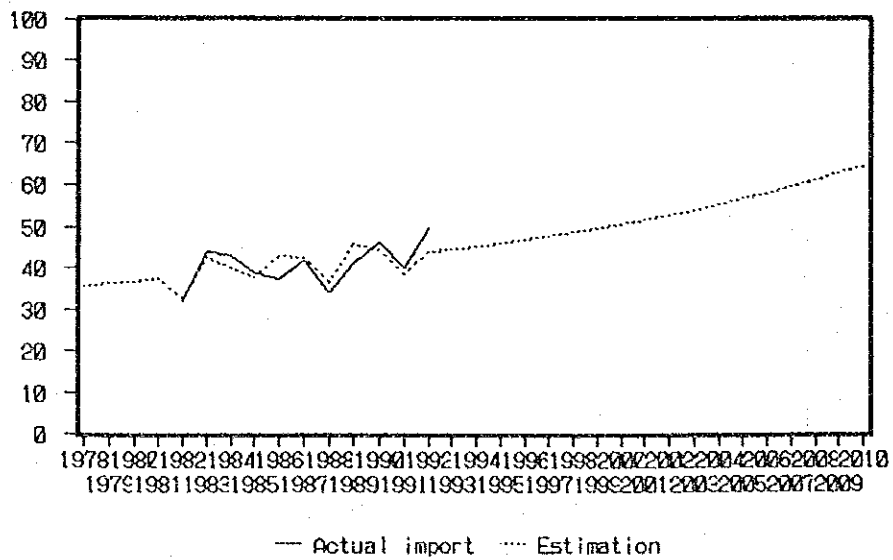


Fig. 1-8-6 Estimation for Import Volume of Chemicals at Corts  
(Unit: Thousand MT)

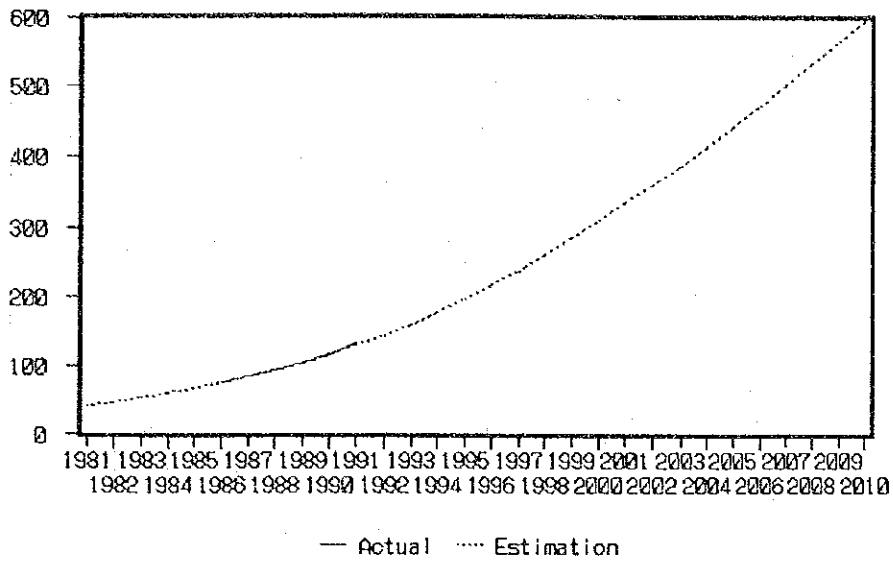


Fig. 1-8-7 Estimation for Number of Cars  
( Unit: Thousand )

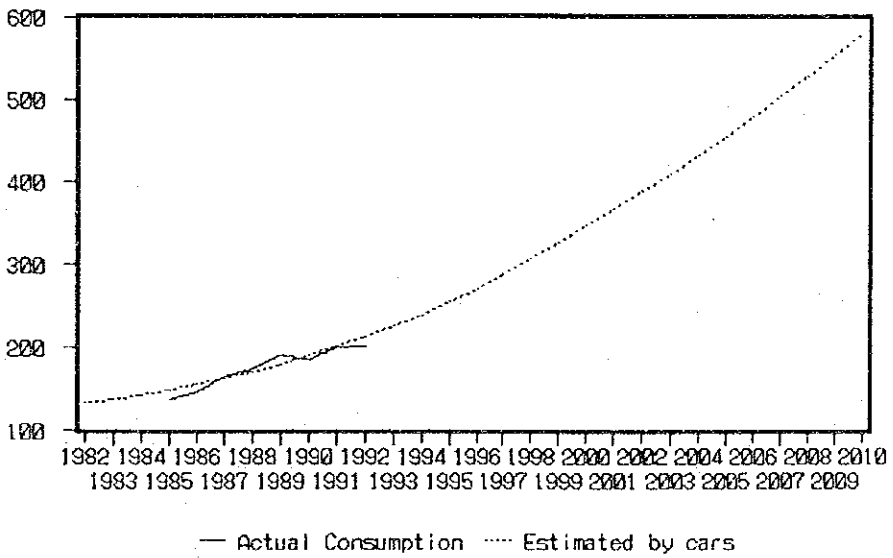


Fig. 1-8-8 Estimation for Import Volume of Gasoline  
(Unit: Thousand KL)

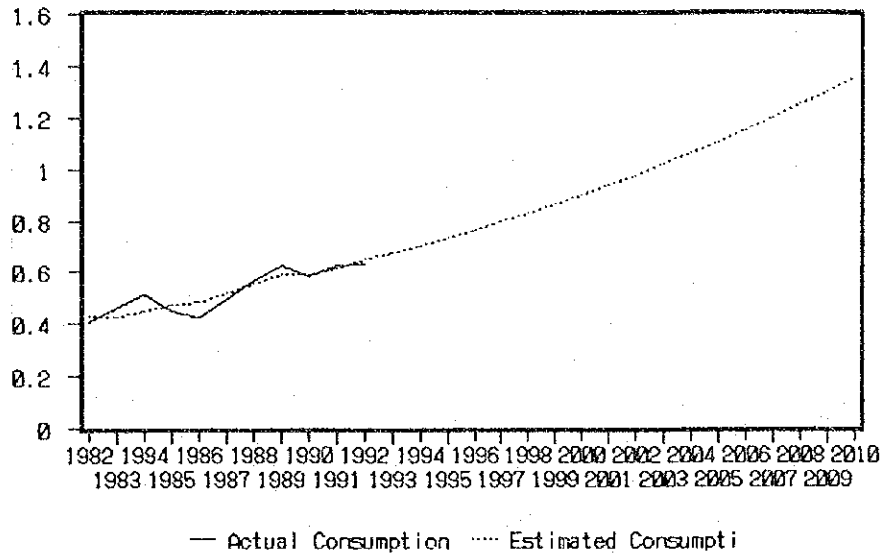


Fig. 1-8-9 Estimation for Import Petroleum Except Gas  
(Unit: Million MT)

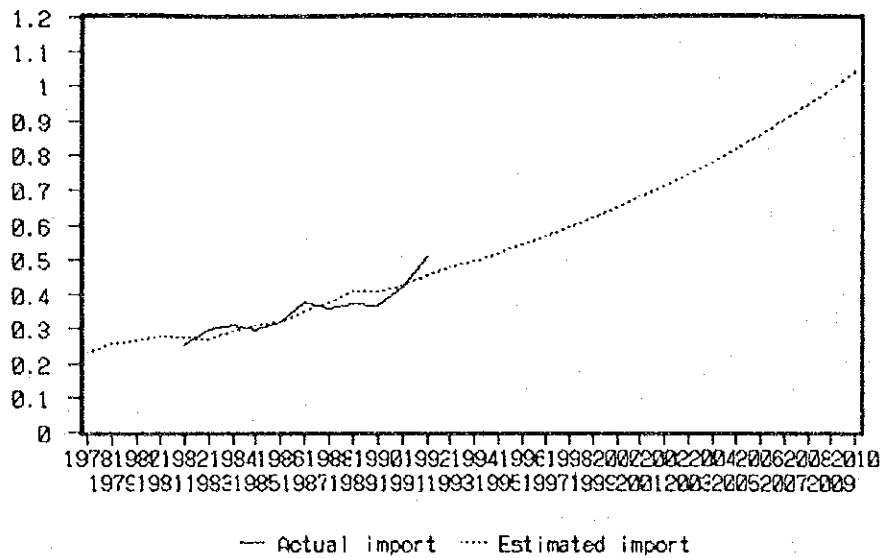


Fig. 1-8-10 Estimation for Import Volume of Other at Cortes  
(Unit: Million MT)



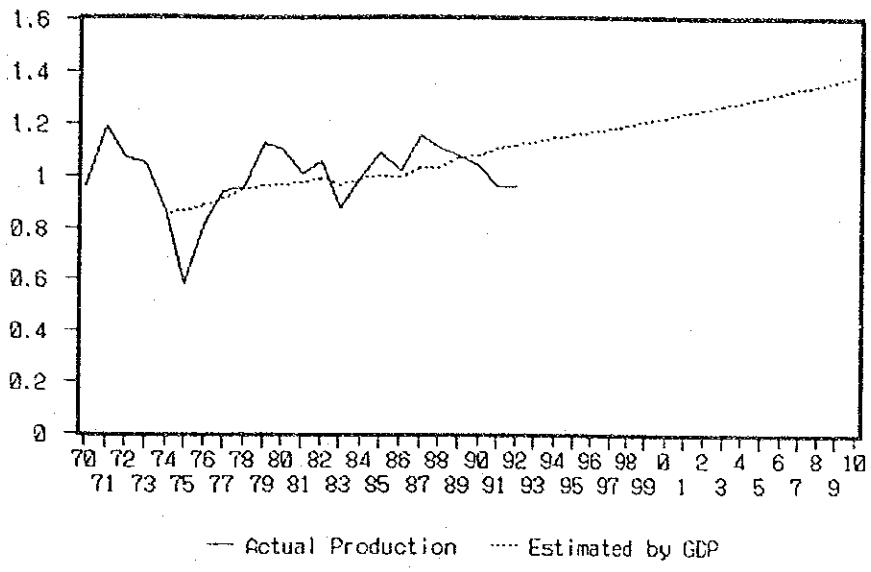


Fig. 1-8-11 Estimation for Production of Banana  
(Unit: Million MT)

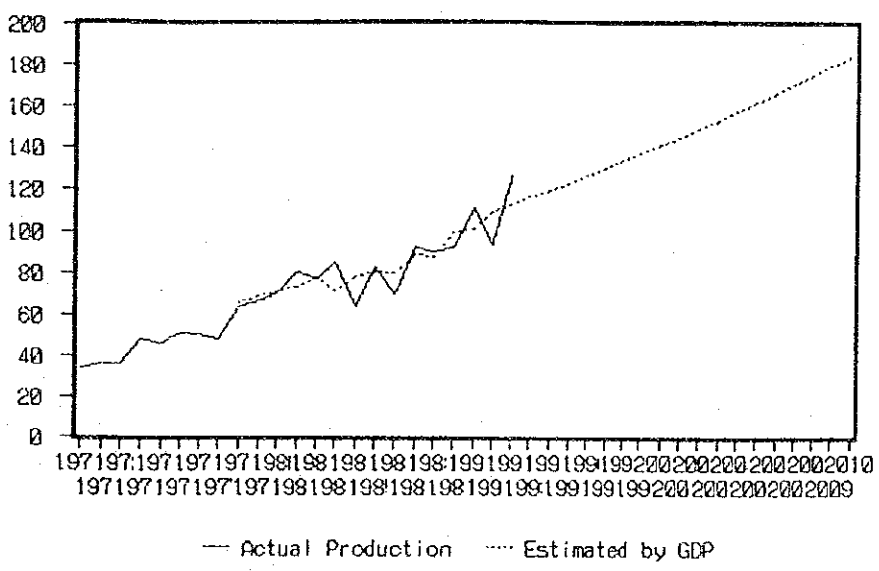


Fig. 1-8-12 Estimation for Production of Coffee  
(Unit: Thousand MT)

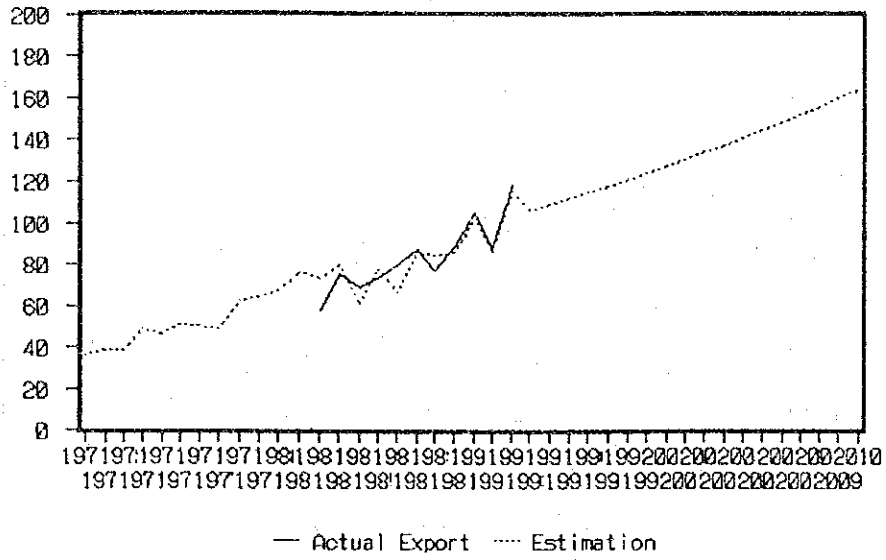


Fig. 1-8-13 Estimation for Export Volume of Coffee  
(Unit: Thousand MT)

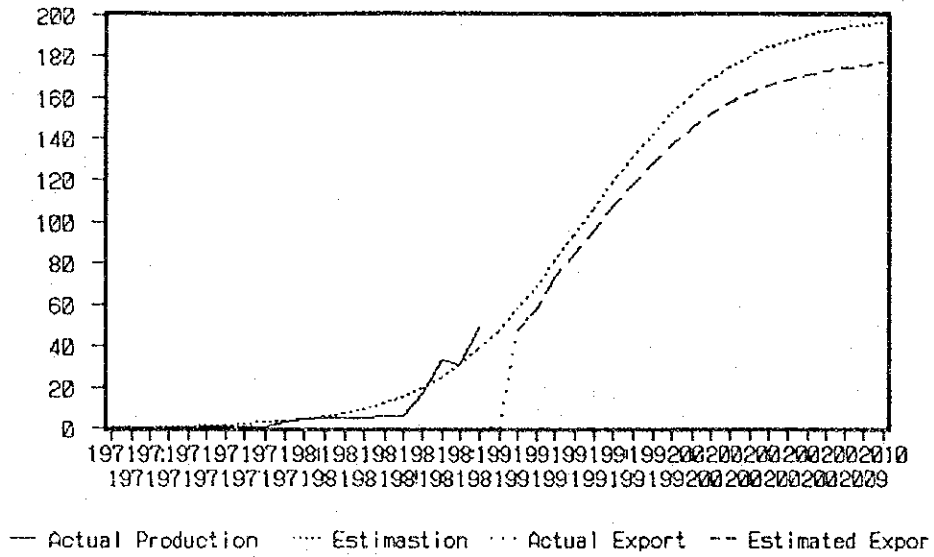


Fig. 1-8-14 Estimation for Production & Export of Melon  
(Unit: Thousand MT)

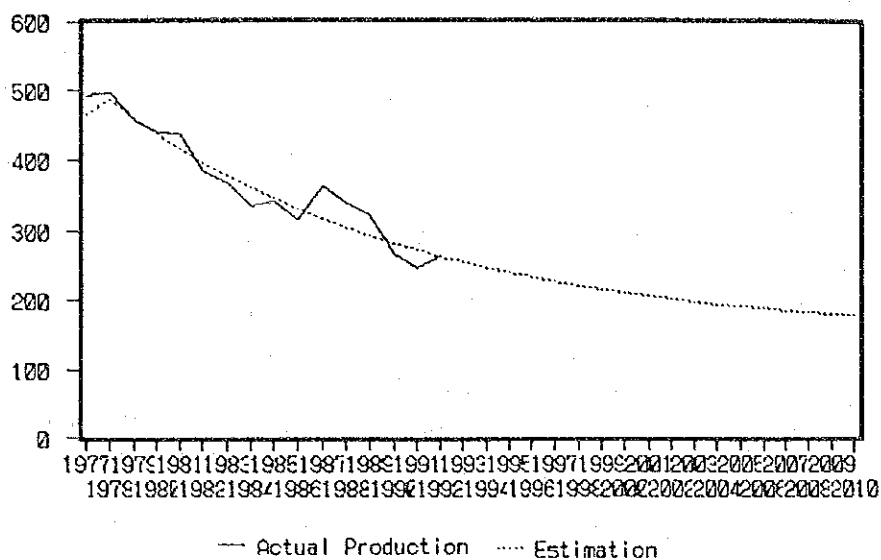


Fig. 1-8-15 Estimation for Production Volume of Timber (Unit: Thousand MT)

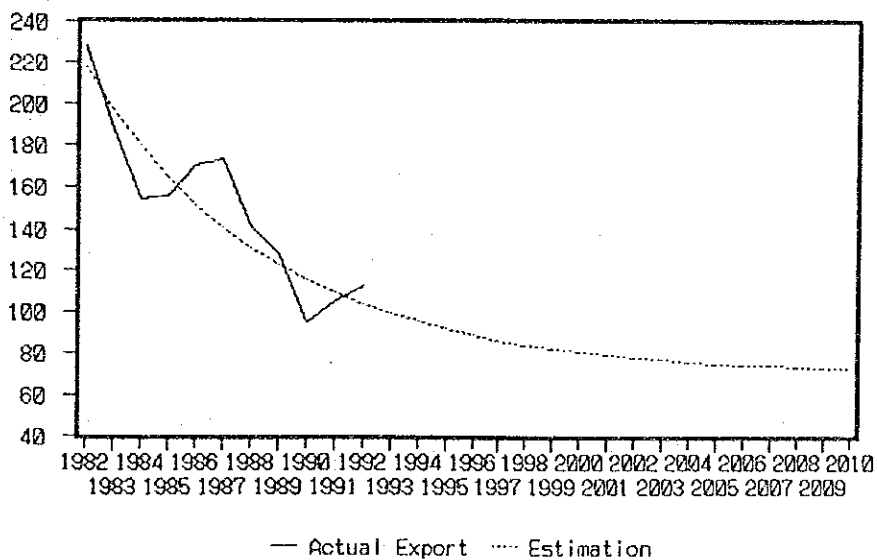


Fig. 1-8-16 Estimation for Export Volume of Timber (Unit: Thousand MT)

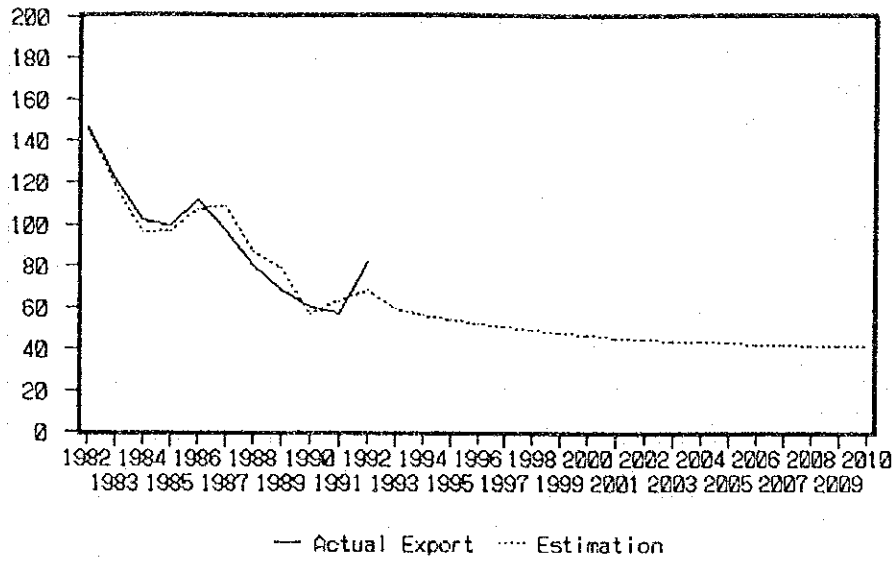


Fig. 1-8-17 Estimation for Export Volume of Timber at Cortes  
(Unit: Thousand MT)

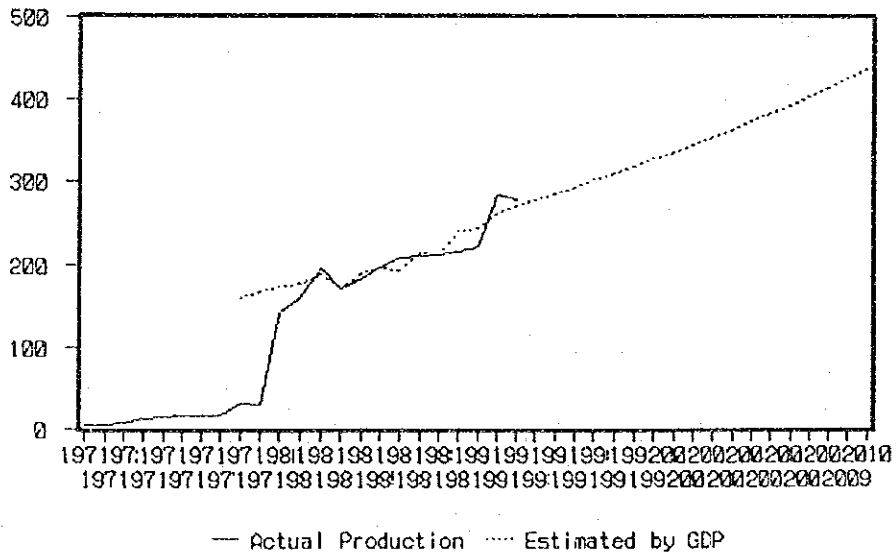


Fig. 1-8-18 Estimation for Production of Pineapple  
(Unit: Thousand MT)

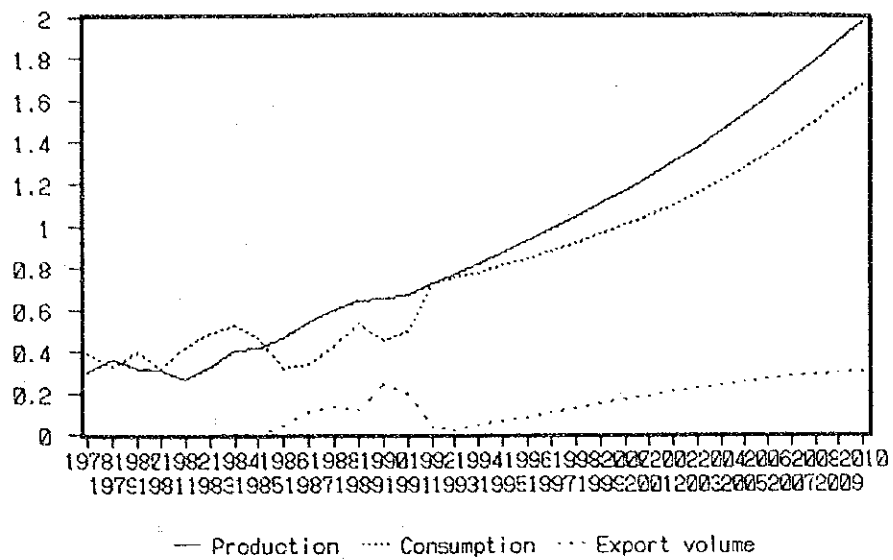


Fig. 1-8-19 Estimation for Export Volume of Cement  
(Unit: Million MT)

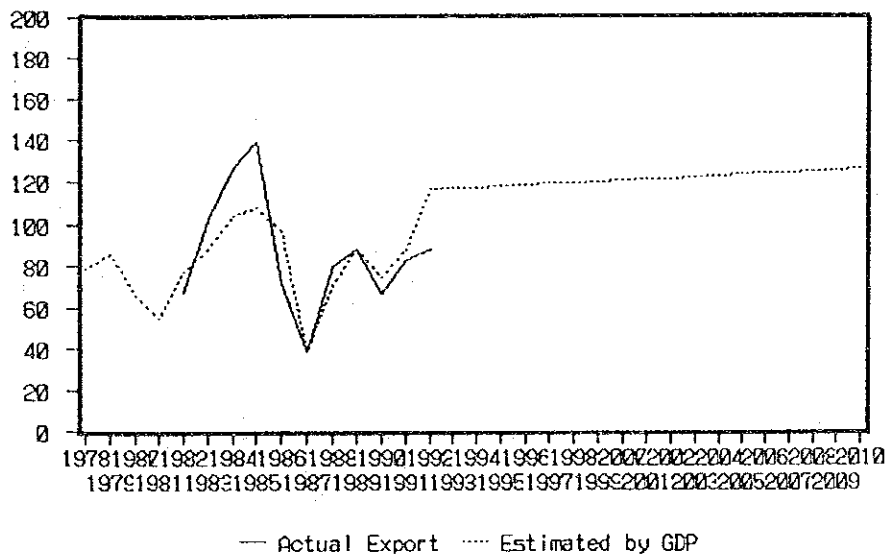


Fig. 1-8-20 Estimation for Production & Export of Minerals  
(Unit: Thousand MT)

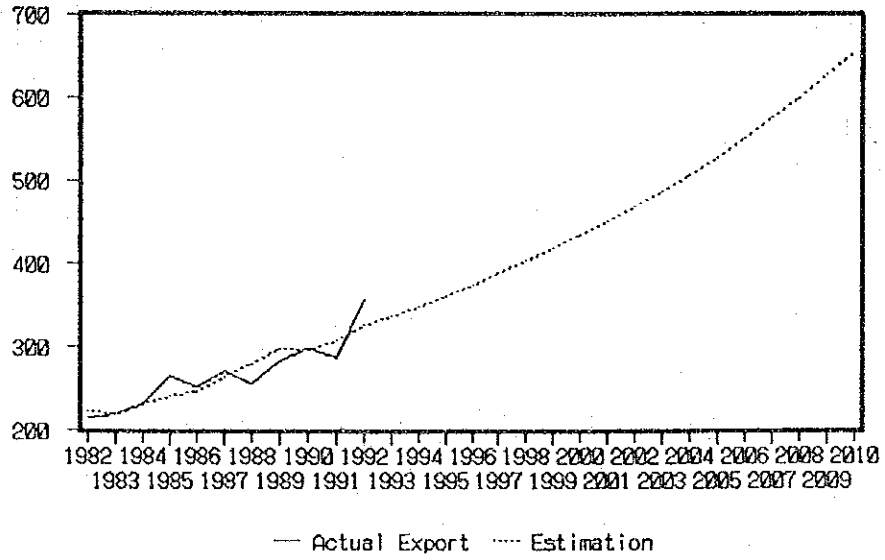


Fig. 1-8-21 Estimation for Export Volume of Others  
(Unit: Thousand MT)

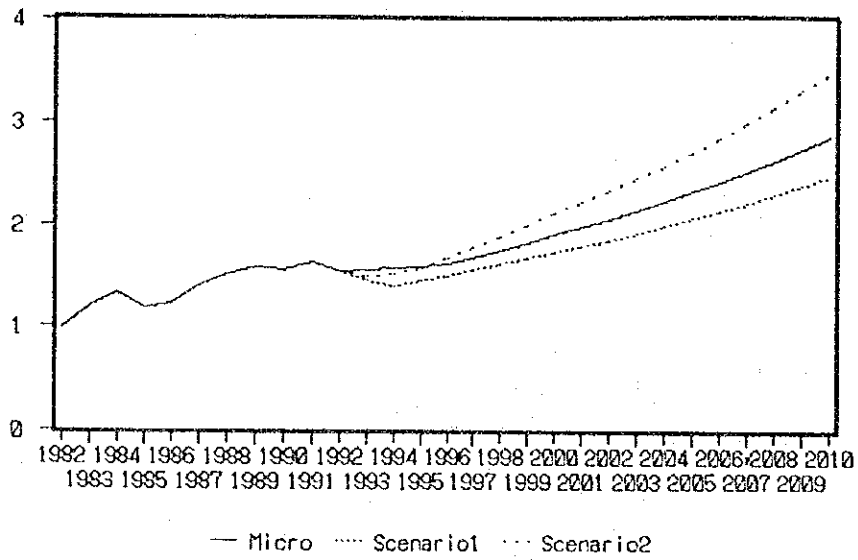


Fig. 1-8-22 Estimation for Import Cargo Volume of at Cortes  
(Unit: Million MT)

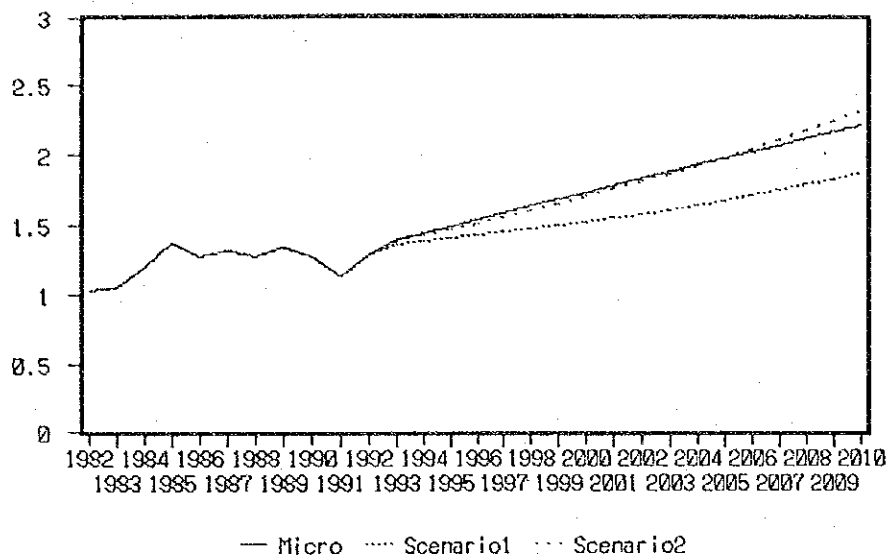


Fig. 1-8-23 Estimation for Export Cargo Volume at Cortes  
(Unit: Million MT)

Table 1-9-1 Estimation for Import & Export Container Volume

Unit : Thousand

Packing Type	Estimated Container Cargo			Import Container Cargo			Export Container Cargo			Grand Total								
	Import		Total	Loaded Container Weight		Empty Container Weight	Loaded Container Weight		Empty Container Weight	Import		Total						
	MT	TEU'S	MT	MT	TEU'S	MT	MT	TEU'S	MT	TEU'S	TEU'S	TEU'S						
1974																		
1975																		
1976																		
1977																		
1978																		
1979																		
1980																		
1981																		
1982	209	430	720	110.9	13.8	29.0	31.1	65.3	205	390.1	38.5	80.9	7.2	15.1	486	44.9	45.7	90.6
1983	269	536	825	169.6	21.5	45.2	33.4	70.1	284	422.6	42.5	89.3	9.1	19.1	531	54.9	51.6	106.5
1984	315	630	1,013	173.6	21.4	44.9	43.2	90.7	309	556.4	54.9	115.3	10.1	21.2	632	64.6	65.0	129.6
1985	287	574	861	145.4	19.6	41.2	46.6	97.9	284	611.8	58.1	122.0	8.7	18.3	752	66.2	66.8	133.0
1986	305	610	915	159.0	20.3	42.6	47.5	99.8	321	615.9	59.2	124.3	8.3	17.4	753	67.8	67.5	135.3
1987	365	730	1,139	200.5	28.4	59.6	43.6	91.6	352	614.3	60.0	126.0	13.0	27.3	788	72.0	73.0	145.0
1988	368	736	1,051	221.3	30.2	63.4	35.7	75.0	360	540.0	52.7	110.7	12.3	25.8	677	65.9	65.0	130.9
1989	378	756	1,115	201.1	25.2	53.9	43.8	92.0	367	585.0	57.5	120.8	11.9	25.0	731	73.0	69.4	142.4
1990	369	738	1,060	219.2	29.0	60.9	35.3	74.1	354	527.7	60.4	126.8	13.1	27.5	682	64.3	73.5	137.8
1991	441	882	1,343	265.2	38.8	82.7	30.9	72.6	441	547.2	56.6	127.8	12.1	27.2	702	69.7	68.7	138.4
1992	535	1,070	1,605	355.4	49.8	108.6	34.9	69.1	533	584.4	62.1	147.6	19.3	33.2	765	84.7	81.4	166.1
1993	587	1,174	1,761	423.3	44.8	94.1	42.5	89.2	587	675.1	75.0	157.5	12.3	25.7	858	87.3	87.3	174.5
1994	613	1,226	1,839	424.2	47.1	98.0	42.8	89.8	613	696.1	77.3	162.4	12.6	26.4	895	89.9	89.9	179.8
1995	641	1,282	1,923	446.3	49.6	104.1	43.0	90.4	641	717.6	79.7	167.4	12.9	27.1	912	92.6	92.6	185.2
1996	670	1,340	2,010	469.4	52.2	109.5	43.2	90.7	670	739.3	82.1	172.5	13.2	27.7	940	95.4	95.4	190.7
1997	720	1,440	2,160	493.7	54.9	115.2	43.2	90.7	720	780.8	84.5	177.5	13.5	28.4	967	96.1	96.1	192.1
1998	731	1,462	2,213	519.3	57.7	121.2	43.0	90.3	731	781.9	86.9	182.5	13.8	29.0	993	100.7	100.7	201.4
1999	763	1,526	2,289	546.1	60.7	127.4	42.6	89.5	763	802.5	89.2	187.2	14.1	29.7	1,019	103.3	103.3	206.6
2000	797	1,594	2,391	574.4	63.8	134.0	42.0	88.2	797	822.4	91.4	191.9	14.4	30.3	1,045	105.8	105.8	211.6
2001	831	1,662	2,493	603.2	67.0	140.6	41.4	86.8	831	842.8	93.6	196.7	14.7	30.9	1,070	108.4	108.4	216.8
2002	866	1,732	2,598	632.6	70.4	147.8	40.5	85.0	866	862.8	95.9	201.3	15.0	31.5	1,096	110.9	110.9	221.8
2003	904	1,808	2,712	665.5	73.9	155.3	39.4	82.8	904	882.4	98.0	205.9	15.3	32.2	1,120	113.4	113.4	226.7
2004	942	1,884	2,826	699.2	77.7	163.1	38.1	80.0	942	901.8	100.2	210.4	15.6	32.8	1,145	115.8	115.8	231.6
2005	983	1,966	2,949	734.7	81.6	171.4	36.6	76.8	983	921.1	102.3	214.9	15.9	33.3	1,169	118.2	118.2	236.4
2006	1,025	2,050	3,075	772.1	85.8	180.2	34.9	73.2	1,025	940.5	104.5	219.4	16.2	33.9	1,194	120.7	120.7	241.3
2007	1,070	2,140	3,210	811.6	90.2	189.4	33.0	69.2	1,070	960.1	106.7	224.0	16.5	34.6	1,219	123.1	123.1	246.3
2008	1,117	2,234	3,351	853.3	94.8	199.1	30.8	64.7	1,117	980.0	108.9	228.7	16.7	35.2	1,244	125.6	125.6	251.3
2009	1,167	2,334	3,501	897.3	99.7	209.4	28.5	59.8	1,167	1,000.4	111.2	233.4	17.0	35.8	1,270	128.2	128.2	256.4
2010	1,219	2,438	3,657	943.9	104.9	220.2	26.0	54.5	1,219	1,021.3	113.5	238.3	17.4	36.4	1,296	130.8	130.8	261.7

Source : ENP, Estimated by The Study Team



Table 1-9-2 Estimation for Cargo Volume by Packing Type through the Port of Cortes

Unit : Thousan MT

Packing Type	Liquid Bulk Cargo			Dry Bulk Cargo			Container Cargo			General Cargo			Grand Total		Grand Total	
	Comoditi	Import	Export	Total	Import	Export	Total	Import	Export	Total	Import	Export	Total	Import		Export
1974																
1975																
1976																
1977																
1978																
1979																
1980																
1981																
1982	534	36	570	121	145	266	209	490	700	123	354	477	987	1,026	2,013	
1983	625	57	681	148	183	331	289	536	825	127	281	408	1,189	1,057	2,245	
1984	707	62	770	191	204	395	315	698	1,013	111	236	347	1,324	1,201	2,525	
1985	619	61	680	161	231	392	287	759	1,046	110	320	430	1,177	1,371	2,548	
1986	588	47	636	211	163	374	305	767	1,072	115	301	416	1,220	1,278	2,498	
1987	674	44	717	214	175	389	365	775	1,139	145	323	468	1,397	1,316	2,713	
1988	778	54	832	196	241	437	368	683	1,051	157	291	449	1,499	1,270	2,769	
1989	842	46	888	221	319	540	378	738	1,115	134	231	365	1,574	1,334	2,908	
1990	787	39	826	226	194	421	369	690	1,060	161	349	510	1,544	1,272	2,816	
1991	673	13	686	432	134	566	441	702	1,143	85	285	370	1,631	1,134	2,765	
1992	621	26	646	239	114	353	535	766	1,301	136	373	509	1,530	1,279	2,809	
1993	585	25	610	305	178	483	587	858	1,445	70	330	400	1,546	1,392	2,939	
1994	567	26	592	316	199	515	613	885	1,498	71	331	402	1,567	1,440	3,007	
1995	545	26	572	328	218	546	641	912	1,553	73	332	404	1,586	1,488	3,075	
1996	521	27	548	340	238	578	670	940	1,609	74	333	407	1,605	1,538	3,142	
1997	545	27	572	352	257	609	700	967	1,666	77	335	412	1,673	1,587	3,260	
1998	570	28	598	364	276	641	731	993	1,724	79	338	418	1,745	1,636	3,381	
1999	596	29	625	377	295	672	763	1,019	1,783	83	342	425	1,819	1,684	3,504	
2000	624	29	653	391	312	703	797	1,045	1,841	87	346	433	1,898	1,732	3,630	
2001	652	30	683	402	331	733	831	1,070	1,901	91	352	443	1,976	1,783	3,759	
2002	682	31	713	414	349	762	866	1,096	1,962	96	358	454	2,058	1,833	3,892	
2003	713	32	745	426	365	791	904	1,120	2,024	102	365	467	2,144	1,883	4,027	
2004	745	34	778	438	381	819	942	1,145	2,087	108	372	481	2,234	1,932	4,165	
2005	777	35	812	451	395	846	983	1,169	2,152	115	381	496	2,327	1,990	4,307	
2006	812	36	847	464	408	872	1,025	1,194	2,219	123	390	513	2,424	2,028	4,452	
2007	847	37	884	477	419	896	1,070	1,219	2,289	131	400	531	2,525	2,075	4,600	
2008	883	39	922	491	428	919	1,117	1,244	2,361	140	411	551	2,631	2,121	4,752	
2009	921	40	960	505	435	940	1,167	1,270	2,436	150	422	572	2,742	2,167	4,908	
2010	960	41	1,001	519	439	958	1,219	1,296	2,515	160	435	595	2,857	2,211	5,068	

Source : ENP, Banco Central, Estimated by The Study Team

Table 1-9-3 Estimation for Import Cargo Volume by Packing Type through the Port of Cortes

Packing Type	Liquid Bulk Cargo			Dry Bulk Cargo			Container Cargo						General Cargo			Grand Total			
	Petroleum		Total	Wheat	Fertiliz	Other Foodstuffs	Total	Iron & Steel	Transpor & Maching	Chemical	Other Foodstuffs	Others	Total	Iron & Steel	Transpor & Maching		Others	Total	
	MT	MT	MT																MT
1974																			
1975																			
1976																			
1977																			
1978																			
1979																			
1980																			
1981																			
1982	517.718	15.837	533.555	84.441	18.382	18.478	121.301	11.525	3.023	15.837	27.718	151.184	209.388	17.287	4.534	100.790	122.611	986.753	
1983	502.717	21.935	624.652	81.079	35.126	31.860	148.065	17.135	3.997	21.935	47.790	187.643	288.501	24.361	5.582	97.347	127.389	1,188,687	
1984	585.780	21.395	727.175	108.277	63.112	21.152	150.541	21.710	5.528	21.395	31.729	234.903	315.284	29.218	7.439	74.180	110.825	1,323,815	
1985	600.047	19.322	619.369	112.870	30.154	18.128	168.952	17.209	5.734	19.322	27.191	217.633	287.890	21.894	7.294	80.495	109.663	1,177,093	
1986	569.517	18.720	588.237	108.315	71.285	31.314	210.918	11.471	5.087	18.720	46.971	223.014	305.183	13.777	6.013	95.578	115.368	1,219,705	
1987	652.934	20.766	673.700	118.289	51.857	43.953	214.099	14.406	6.429	20.766	65.923	256.979	384.509	16.387	7.278	120.931	144.516	1,396,824	
1988	760.668	16.929	777.597	193.217	38.701	54.348	196.558	24.484	7.991	16.929	81.511	236.849	388.031	26.481	8.417	122.501	157.378	1,493,257	
1989	821.583	20.411	841.994	122.307	53.353	44.956	228.616	19.019	6.798	20.411	67.434	263.850	377.513	19.020	6.882	107.770	133.599	1,573,722	
1990	763.782	23.108	786.870	93.941	79.161	53.382	226.484	24.014	5.538	23.108	80.073	236.622	369.376	22.520	5.212	133.100	160.831	1,543,561	
1991	582.854	19.959	602.813	160.847	87.370	183.980	431.897	22.204	7.958	19.959	32.457	358.491	441.071	16.079	5.757	63.262	85.099	1,630,780	
1992	586.147	24.690	620.837	108.542	88.833	43.272	238.647	29.286	11.977	24.690	59.766	408.934	534.643	23.962	9.789	102.233	135.994	1,530,128	
1993	582.789	22.151	604.940	130.240	113.615	61.137	384.992	26.520	9.912	22.151	91.785	436.233	586.522	21.466	8.023	40.191	69.680	1,546,133	
1994	544.188	22.531	566.711	136.881	117.968	83.187	316.196	28.048	10.419	22.531	94.751	457.313	613.062	22.457	6.342	40.182	70.982	1,566,950	
1995	522.537	22.931	545.469	140.044	122.416	65.266	327.726	29.663	10.954	22.931	97.980	479.333	640.781	23.493	8.678	40.334	72.583	1,586,479	
1996	437.574	23.353	520.927	145.191	126.980	67.434	339.586	31.371	11.528	23.353	101.151	502.251	669.646	24.575	9.024	40.750	74.350	1,604,513	
1997	521.157	23.796	544.953	150.509	131.604	68.674	351.787	33.178	12.118	23.796	104.511	526.036	699.840	25.705	9.389	41.533	76.627	1,673,007	
1998	545.802	24.263	570.065	156.087	136.348	71.950	364.346	35.091	12.752	24.263	107.985	550.686	730.777	26.887	9.770	42.770	79.428	1,744,616	
1999	571.517	24.756	596.273	161.885	141.196	74.381	377.263	37.117	13.422	24.756	111.572	576.212	763.079	28.123	10.169	44.523	82.816	1,819,430	
2000	598.331	25.275	623.606	167.951	146.149	76.852	390.552	39.263	14.131	25.275	115.278	602.665	796.613	29.416	10.587	46.634	86.837	1,897,688	
2001	626.383	25.623	652.006	172.112	151.210	78.773	402.696	41.537	14.883	25.623	118.160	630.414	830.817	30.770	11.025	49.428	91.223	1,976,341	
2002	655.487	26.401	681.888	178.788	156.381	80.743	413.911	43.949	15.679	26.401	121.114	659.273	866.416	32.187	11.433	52.589	96.259	2,058,475	
2003	685.648	27.011	712.659	181.580	161.665	82.781	426.006	46.506	16.524	27.011	124.141	689.356	903.539	33.672	11.864	56.312	101.948	2,144,152	
2004	716.971	27.556	744.527	186.492	167.063	84.838	438.385	49.220	17.420	27.556	127.245	720.783	942.324	35.227	12.467	60.593	108.288	2,233,523	
2005	749.158	28.337	777.495	191.526	172.579	86.951	451.056	52.101	18.370	28.337	130.456	753.685	982.918	36.858	12.996	65.423	115.277	2,326,746	
2006	782.513	29.057	811.570	196.687	178.215	89.124	464.027	55.168	19.379	29.057	133.686	780.194	1,025.476	38.568	13.580	70.600	122.818	2,423,990	
2007	816.940	29.818	846.758	201.377	183.974	91.352	477.303	58.410	20.451	29.818	137.028	824.450	1,070.157	40.362	14.132	76.725	131.219	2,525,437	
2008	852.444	30.624	883.068	207.399	189.858	93.636	490.692	61.064	21.589	30.624	140.454	862.598	1,117.128	42.244	14.742	83.206	140.193	2,631,281	
2009	888.030	31.477	920.507	212.956	195.870	95.977	514.802	65.536	22.739	31.477	143.965	902.784	1,166.561	44.220	15.383	90.256	148.868	2,741,729	
2010	927.200	32.380	959.579	218.652	202.812	98.376	519.040	69.442	24.886	32.380	147.564	945.164	1,218.635	46.284	16.057	97.894	160.245	2,857,508	

Source : ENP, Banco Central, Estimated by The Study Team

Table 1-9-4 Estimation for Export Cargo Volume by Packing Type through the Port of Cortes

Packing Type	Liquid Bulk Cargo			Dry Bulk Cargo			Container Cargo						General Cargo			Grand Total		
	Total			Total			Total						Total					
	MI	MT	MT	Cement	Bulk Minerals	Sugar	Banana	Coffee	Melon	Pineapple	Others	Banana	Timber	Others				
1982	0	36,164	36,164	10,769	66,803	67,625	145,138	256,239	55,558	456	177,942	490,325	170,893	47,937	36,446	354,376	1,026,943	
1983	0	37,597	37,597	0	101,957	50,992	162,949	238,724	74,103	1,142	192,445	536,473	132,356	122,862	26,242	289,661	1,059,653	
1984	0	30,878	30,878	2	126,777	77,388	204,165	424,582	65,513	1,118	203,662	699,175	106,221	102,125	27,772	236,118	1,280,869	
1985	0	22,745	22,745	4,725	139,166	87,388	231,277	449,128	72,868	1,777	235,011	750,783	192,683	98,565	29,046	320,895	1,371,355	
1986	0	25,241	25,241	24,134	71,791	67,142	163,067	451,129	79,614	1,262	224,567	766,572	162,018	111,143	27,756	300,917	1,277,994	
1987	0	19,800	19,800	51,022	38,032	76,023	175,077	445,993	86,914	6,626	235,141	774,585	191,101	96,939	35,136	323,176	1,216,445	
1988	0	11,100	11,100	54,471	109,920	79,519	51,078	240,517	379,333	76,376	4,775	222,897	683,381	178,510	79,435	33,306	291,251	1,259,620
1989	0	10,575	10,575	210,503	88,000	20,763	319,366	430,385	89,845	2,678	246,787	737,895	126,437	57,851	36,816	231,164	1,334,190	
1990	0	13,865	13,865	185,742	66,530	21,061	194,133	333,250	102,776	4,132	290,328	690,497	241,326	59,911	47,692	248,819	1,272,426	
1991	0	6,899	6,899	36,492	82,333	15,437	134,262	355,148	84,013	47,256	4,937	240,322	701,676	182,896	56,604	45,776	285,276	1,134,450
1992	2,838	23,546	26,384	29,167	72,325	12,820	114,312	291,158	106,822	57,691	7,863	302,660	766,194	230,220	81,472	53,411	273,123	1,279,193
1993	2,753	22,438	25,192	20,848	116,978	40,670	178,496	356,767	101,894	72,821	8,689	308,313	858,344	254,512	58,835	27,117	230,464	1,352,496
1994	2,999	22,721	25,720	22,259	117,525	36,726	198,519	370,691	103,523	84,369	8,759	317,591	884,932	244,225	55,167	30,355	330,718	1,439,990
1995	3,259	23,010	26,270	63,610	118,139	36,698	218,447	374,657	106,015	96,034	8,816	326,616	912,139	243,919	53,867	32,897	331,593	1,488,450
1996	3,537	23,306	26,843	84,817	118,695	34,556	238,058	378,670	108,562	107,499	8,863	335,950	939,544	243,594	51,882	37,636	332,112	1,537,356
1997	4,145	23,915	28,060	126,474	119,816	29,932	257,320	382,725	111,164	118,403	8,897	345,559	965,748	243,249	50,170	41,885	335,304	1,586,821
1998	4,477	24,230	28,708	148,723	120,392	27,442	294,556	390,965	116,540	137,453	8,923	365,541	1,019,422	242,493	47,418	51,894	341,895	1,634,949
1999	4,830	24,552	29,383	166,442	120,938	24,826	312,206	395,149	119,315	145,395	8,916	375,916	1,044,602	242,281	46,319	57,744	346,144	1,732,334
2000	5,493	24,881	30,374	195,506	121,511	22,786	330,802	400,273	125,151	152,004	9,234	386,753	1,070,418	242,188	45,371	64,023	351,582	1,783,144
2001	6,137	25,217	31,354	203,775	122,079	22,716	348,570	405,499	125,849	157,609	9,556	397,921	1,095,633	242,262	44,553	70,918	357,763	1,833,321
2002	6,854	25,560	32,414	221,098	122,550	21,616	365,364	410,829	128,010	162,292	9,881	409,463	1,120,408	242,394	43,846	78,446	364,687	1,882,871
2003	7,615	25,911	33,526	237,304	123,224	20,485	381,012	416,265	131,925	165,970	10,210	421,430	1,144,911	242,492	43,239	86,621	372,353	1,931,802
2004	8,425	26,269	34,694	252,212	123,600	19,321	395,332	421,818	134,126	168,981	10,543	433,873	1,169,334	242,587	42,714	95,482	380,793	1,980,124
2005	9,285	26,535	35,820	255,618	124,372	18,124	408,114	427,467	137,284	171,380	10,879	446,845	1,193,855	242,678	42,261	104,939	389,938	2,027,818
2006	10,137	27,010	37,207	277,301	124,947	16,894	419,141	433,237	140,511	173,277	11,218	460,402	1,218,645	242,763	41,870	115,228	399,861	2,074,855
2007	11,165	27,392	38,557	287,017	125,525	15,628	428,170	439,124	143,989	174,778	11,561	474,596	1,243,859	242,843	41,533	126,288	410,584	2,121,171
2008	12,132	27,782	39,915	294,501	126,059	14,327	434,926	445,130	147,177	175,938	11,907	489,484	1,269,697	242,917	41,243	137,865	422,135	2,166,663
2009	13,260	28,181	41,462	299,451	126,676	12,688	439,125	451,257	147,681	176,851	12,257	505,122	1,296,166	242,985	40,992	150,542	434,518	2,211,212

Source : EXP. Banco Central, Estimated by The Study Team

Appendix - A (Section 2.6.4, Chapter 2, Part II, Volume I)

		Scenario 1/Case 1				Scenario 2/Case 1				Scenario 2/Case 2				
		Q'ty		Cost	Q'ty		Cost	Q'ty		Cost	Q'ty		Cost	
		(1B)	250	72,210.-	(1B)	250	72,210.-	(2B)	500	144,420.-	(2B)	500	144,420.-	
1	(1) Unit Cargo Terminal	m												
2	(-12m) Unit Cargo Wharf	m <sup>3</sup>	380,000	4,940.-	380,000	4,940.-	700,000	9,000.-	700,000	9,000.-	700,000	9,000.-	9,100.-	
3	Dredging/Reclamation	m	240	3,888.-	240	3,888.-	480	7,776.-	480	7,776.-	480	7,776.-	7,776.-	
4	Revetment	m <sup>2</sup>	40,000	5,996.-	40,000	5,996.-	80,000	11,992.-	80,000	11,992.-	80,000	11,992.-	11,992.-	
5	Container yard	m <sup>2</sup>	4,000	8,000.-	4,000	8,000.-	6,000	12,000.-	6,000	12,000.-	6,000	12,000.-	12,000.-	
6	C.F.S.			95,034.-		95,034.-		185,288.-		185,288.-		185,288.-	185,288.-	
	Sub-Total													
7	(2) Dry Bulk Terminal													
	(-10m) Loading Dolphin	m	(1B) 73	18,271.17	-	-	(1B) 73	18,271.17	-	-	(1B) 73	18,271.17	-	
8	Revetment	m	250	8,892.5	-	-	250	8,892.5	-	-	250	8,892.5	-	
9	Reclamation	m <sup>3</sup>	38,000	239.4	-	-	38,000	266	-	-	38,000	266	-	
10	Yard	m <sup>2</sup>	7,200	772.6	-	-	7,200	770.4	-	-	7,200	770.4	-	
11	Sub-Total			28,175.6		28,175.6		28,175.6		28,175.6		28,175.6		
	(3) Multi-Purpose Terminal													
12	(-10m) Multi-Purpose Wharf	m	(2B) 370	83,531.2	(2B) 370	83,531.2	(1B) 185	41,765.6	(1B) 185	41,765.6	(3B) 553	125,296.8	(3B) 553	125,296.8
13	Dredging/Reclamation	m <sup>3</sup>	-	-	100,000	1,300.-	51,000	663.-	51,000	663.-	151,000	1,963.-	151,000	1,963.-
14	Revetment	m	-	-	600	10,410.-	300	5,205.-	300	5,205.-	900	15,615.-	900	15,615.-
15	Yard	m <sup>2</sup>	-	-	18,500	1,979.5	9,300	995.1	9,300	995.1	27,800	2,974.6	27,800	2,974.6
16	Warehouse	m <sup>2</sup>	-	-	9,600	17,280.-	4,800	8,640.-	4,800	8,640.-	14,400	25,920.-	14,400	25,920.-
17	Sub-Total			-		114,500.7		57,268.7		57,268.7		171,769.4		171,769.4
	(4) Others													
18	Domestic Cargo Terminal	L.S	1	15,257.-	1	15,257.-	1	15,257.-	1	15,257.-	1	15,257.-	1	15,257.-
19	By-Pass Road	L.S	1	8,233.-	1	8,233.-	1	8,233.-	1	8,233.-	1	8,233.-	1	8,233.-
20	Port Road	L.S	1	486.-	1	486.-	1	486.-	1	486.-	1	486.-	1	486.-
21	Dredging Wharf No. 4 (-10m)	m <sup>3</sup>	27,000	351.-	27,000	351.-	27,000	351.-	27,000	351.-	27,000	351.-	27,000	351.-
22	Sub-Total			24,327.-		24,327.-		24,327.-		24,327.-		24,327.-		24,327.-
23	Utilities except (4)	L.S	1	5,608.95	1	5,608.95	1	5,608.95	1	5,608.95	1	5,608.95	1	5,608.95
24	Total of (1) - (5)			153,145.55		153,145.55		306,657.94		306,657.94		398,553.23		398,553.23
25	Engineering Fee and Site Survey			7,657.28		7,657.28		15,314.56		15,314.56		30,629.12		30,629.12
26	Grand Total			160,802.83		160,802.83		321,990.84		321,990.84		418,480.89		418,480.89
27	Grand Total (rounded)			161,000		161,000		322,000		322,000		419,000		419,000

(Unit: 1,000 Lps)

Port	Scenario/Case	Items	Unit	Qty	Unit Price	Construction Cost	Percentage of Utilities/ Engineering Fee (%)	Total Cost	Investment (rounded)
Tela		Loading Platform and Dolphin				25,774	9%	28,094	
		Trestle				18,360	9%	20,012	49,000 (rounded)
La Ceiba		New Port	L.S.	1	-	-	-	48,000	48,000
Castilla	Scenario-1	Multi Purpose Berth	Berth	1	41,776	41,776	9%	45,536	51,000 (rounded)
		Domestic Terminal	Berth	1	4,887	4,887	9%	5,327	
	Scenario-2	Multi Purpose Berth	Berth	2	41,776	83,552	9%	91,072	97,000 (rounded)
Lempira		Domestic Terminal	Berth	1	4,887	4,887	9%	5,327	
		New Jetty	L.S.	1	2,444	2,444	9%	2,664	3,000
Roatan		New Jetty	L.S.	1	-	-	-	15,000	15,000