

Thailand: Statistical Appendix

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THAILAND

Statistical Appendix

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Approved by the Asia and Pacific Department

July 18, 2001

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Table 1. Thailand: Expenditure on Gross Domestic Product at Current Prices, 1995-2000

	1995	1996	1997	1998	1999 Prel.	2000 Prel.
	(In billions of baht)					
GDP	4,192.7	4,622.8	4,740.2	4,628.4	4,615.4	4,900.3
Consumption	2,640.3	2,954.5	3,071.4	3,029.4	3,124.3	3,327.0
Private	2,224.2	2,482.9	2,592.3	2,516.5	2,600.9	2,761.9
Government	416.1	471.5	479.0	512.9	523.4	565.1
Gross fixed investment	1,716.1	1,886.1	1,581.4	1,028.3	927.1	1,045.6
Private	1,343.2	1,415.1	1,030.6	583.4	500.2	641.0
Public	372.9	471.0	550.8	444.9	426.9	404.6
Change in stocks	38.4	36.1	-1.4	-87.6	-6.8	65.1
Foreign balance	-281.5	-289.3	67.0	735.0	583.0	404.2
Exports of goods and services	1,749.3	1,807.3	2,266.0	2,717.7	2,698.5	3,250.5
Imports of goods and services	2,030.8	2,096.6	2,199.0	1,982.7	2,115.6	2,846.3
Statistical discrepancy	79.4	35.5	21.8	-76.7	-12.2	58.4
Net factor income from abroad	-68.2	-102.1	-123.4	-160.0	-126.4	-55.5
GNP	4,124.5	4,520.7	4,616.9	4,468.4	4,489.0	4,844.8
	(In percent of GDP)					
GDP	100.0	100.0	100.0	100.0	100.0	100.0
Consumption	63.0	63.9	64.8	65.5	67.7	67.9
Private	53.0	53.7	54.7	54.4	56.4	56.4
Government	9.9	10.2	10.1	11.1	11.3	11.5
Gross fixed investment	40.9	40.8	33.4	22.2	20.1	21.3
Private	32.0	30.6	21.7	12.6	10.8	13.1
Public	8.9	10.2	11.6	9.6	9.3	8.3
Change in stocks	0.9	0.8	0.0	-1.9	-0.1	1.3
Foreign balance	-6.7	-6.3	1.4	15.9	12.6	8.2
Exports of goods and services	41.7	39.1	47.8	58.7	58.5	66.3
Imports of goods and services	48.4	45.4	46.4	42.8	45.8	58.1
Statistical discrepancy	1.9	0.8	0.5	-1.7	-0.3	1.2
Net factor income from abroad	-1.6	-2.2	-2.6	-3.5	-2.7	-1.1
GNP	98.4	97.8	97.4	96.5	97.3	98.9

Source: Data provided by the Thai authorities.

Table 2. Thailand: Aggregate Demand and Supply at 1988 Prices, 1995–2000

	1995	1996	1997	1998	1999 Prel.	2000 Prel.
(In billions of baht)						
GDP	2,946.3	3,119.6	3,074.5	2,743.4	2,859.2	2,985.0
Consumption	1,831.3	1,952.3	1,926.1	1,743.3	1,804.5	1,893.0
Private	1,598.0	1,691.1	1,671.9	1,479.8	1,538.8	1,610.0
Government	233.3	261.2	254.2	263.4	265.8	283.0
Gross fixed investment	1,233.0	1,316.4	1,038.3	570.4	547.4	576.9
Private	969.1	994.4	683.8	320.3	304.3	348.6
Public	263.9	322.0	354.6	250.2	243.1	228.3
Change in stocks	40.1	24.8	-2.2	-55.8	4.4	40.2
Foreign balance	-156.0	-224.3	59.7	446.4	483.3	499.0
Exports of goods and services	1,384.2	1,307.9	1,416.7	1,509.4	1,659.2	1,916.9
Imports of goods and services	1,540.2	1,532.3	1,357.0	1,063.0	1,175.9	1,417.9
Statistical discrepancy	-2.1	50.5	52.6	39.0	19.6	-24.1
GDP	2,946.3	3,119.6	3,074.5	2,743.4	2,859.2	2,985.0
Agriculture	319.0	331.1	328.9	318.7	326.8	...
Non-agriculture	2,627.3	2,788.6	2,745.7	2,424.7	2,532.3	...
Of which: Manufacturing	919.7	980.8	997.0	882.9	988.2	...
(Percent change)						
GDP	9.3	5.9	-1.4	-10.8	4.2	4.4
Consumption	7.1	6.6	-1.3	-9.5	3.5	4.9
Private	7.3	5.8	-1.1	-11.5	4.0	4.6
Government	5.6	11.9	-2.7	3.6	0.9	6.5
Gross fixed investment	11.0	6.8	-21.1	-45.1	-4.0	5.4
Private	10.5	2.6	-31.2	-53.2	-5.0	14.6
Public	12.6	22.0	10.1	-29.4	-2.8	-6.1
Exports of goods and services	15.6	-5.5	8.3	6.5	9.9	15.5
Imports of goods and services	19.9	-0.5	-11.4	-21.7	10.6	20.6
GDP	9.3	5.9	-1.4	-10.8	4.2	4.4
Agriculture	3.6	3.8	-0.7	-3.1	2.6	...
Non-agriculture	10.0	6.1	-1.5	-11.7	4.4	...
Of which: Manufacturing	12.5	6.6	1.7	-11.4	11.9	...

Source: Data provided by the Thai authorities.

Table 3. Thailand: Gross Domestic Product by Industrial Origin
at Current Prices, 1995-1999

	1995	1996	1997	1998	1999 Prel.
(In billions of baht)					
GDP	4,192.7	4,622.8	4,740.2	4,628.4	4,615.4
Agricultural	468.9	514.0	529.7	586.4	517.0
Crops	259.9	293.2	303.1	330.0	267.6
Livestock	42.5	43.9	43.9	43.8	49.9
Fisheries	84.3	87.8	94.9	126.1	109.3
Forestry	8.0	8.2	6.7	5.6	5.2
Agricultural services	13.3	14.1	14.4	15.2	15.0
Simple agricultural processing products	61.0	66.8	66.6	65.7	69.9
Non-agricultural	3,723.8	4,108.8	4,210.5	4,042.1	4,098.4
Mining and quarrying	50.3	63.4	82.3	84.2	85.9
Manufacturing	1,189.0	1,303.4	1,362.7	1,363.0	1,435.4
Construction	303.2	341.7	269.3	175.1	162.1
Electricity and water supply	99.4	111.3	116.8	128.4	129.9
Transportation and communications	302.6	340.6	369.2	360.3	376.0
Trade	668.9	714.8	756.7	729.3	735.8
Banking, insurance, and real estate	315.5	346.3	322.7	243.1	151.6
Ownership of dwellings	99.3	109.3	115.1	120.1	127.8
Public administration and defense	159.8	174.4	183.5	196.9	203.2
Other services	535.6	603.7	632.3	641.7	690.8
(In percent of GDP)					
GDP	100.0	100.0	100.0	97.6	97.4
Agricultural	11.2	11.1	11.2	12.4	10.9
Crops	6.2	6.3	6.4	7.0	5.6
Livestock	1.0	1.0	0.9	0.9	1.1
Fisheries	2.0	1.9	2.0	2.7	2.3
Forestry	0.2	0.2	0.1	0.1	0.1
Agricultural services	0.3	0.3	0.3	0.3	0.3
Simple agricultural processing products	1.5	1.4	1.4	1.4	1.5
Non-agricultural	88.8	88.9	88.8	85.3	86.5
Mining and quarrying	1.2	1.4	1.7	1.8	1.8
Manufacturing	28.4	28.2	28.7	28.8	30.3
Construction	7.2	7.4	5.7	3.7	3.4
Electricity and water supply	2.4	2.4	2.5	2.7	2.7
Transportation and communications	7.2	7.4	7.8	7.6	7.9
Trade	16.0	15.5	16.0	15.4	15.5
Banking, insurance, and real estate	7.5	7.5	6.8	5.1	3.2
Ownership of dwellings	2.4	2.4	2.4	2.5	2.7
Public administration and defense	3.8	3.8	3.9	4.2	4.3
Other services	12.8	13.1	13.3	13.5	14.6

Source: Data provided by the Thai authorities.

Table 4. Thailand: Gross Domestic Product by Industrial Origin
at Constant 1988 Prices, 1995-1999

	1994	1995	1996	1997	1998	1999 Prel.
	(In billions of 1988 baht)					
GDP	2,695.4	2,946.3	3,119.6	3,074.5	2,743.4	2,859.2
Agricultural	308.0	319.0	331.1	328.9	318.7	326.8
Crops	175.7	184.4	195.9	197.9	191.6	200.5
Livestock	31.4	31.7	32.3	33.0	30.7	31.4
Fisheries	49.8	50.7	50.0	47.5	48.6	46.8
Forestry	4.6	5.9	5.8	4.6	3.3	3.4
Agricultural services	9.0	9.0	9.2	9.0	8.4	8.3
Simple agricultural processing products	37.5	37.2	37.9	36.9	36.0	36.5
Non-agricultural	2,387.4	2,627.3	2,788.6	2,745.7	2,424.7	2,532.3
Mining and quarrying	43.8	44.8	52.9	60.0	56.2	61.3
Manufacturing	817.9	919.7	981.5	997.0	882.9	988.2
Construction	172.0	184.0	196.6	144.7	88.3	83.6
Electricity and water supply	68.9	79.1	83.1	87.5	86.0	89.1
Transportation and communication	213.3	239.1	267.1	279.7	254.2	270.5
Wholesale and retail trade	445.9	489.2	496.8	478.6	411.8	425.0
Banking, insurance, and real estate	210.5	223.7	231.8	204.7	142.6	88.6
Ownership of dwellings	73.7	78.6	84.1	89.7	93.7	98.3
Public administration and defense	70.1	78.5	83.5	86.2	92.4	93.8
Other services	271.2	290.6	311.2	317.7	316.6	333.9
Net factor income from abroad	-38.2	-41.0	-58.3	-64.3	-72.2	-56.9
GNP	2,657.2	2,905.3	3,061.4	3,010.2	2,671.2	2,802.3
Per capita GNP (thousand baht)	45.3	48.9	51.0	49.7	43.6	45.3
GDP deflator	134.8	142.3	148.2	154.2	168.7	161.4

Source: Data provided by the Thai authorities.

Table 5. Thailand: Investment and Saving at Current Prices, 1995-2000

	1995	1996	1997	1998	1999 Prel.	2000 Prel.
(In billions of baht)						
Gross domestic investment	1,754.5	1,922.2	1,580.1	940.7	920.3	1,110.7
Private sector	1,343.2	1,415.1	1,030.6	583.4	500.2	641.0
Public sector	372.9	471.0	550.8	444.9	426.9	404.6
Change in inventories	38.4	36.1	-1.4	-87.6	-6.8	65.1
Financing	1,754.5	1,922.2	1,580.1	940.7	920.3	1,110.7
Gross national savings 1/	1,418.5	1,550.9	1,541.7	1,535.7	1,391.3	...
Net national savings	1,028.7	1,033.2	933.9	781.4	678.1	...
Private sector (net)	584.6	537.7	435.2	571.4	483.5	...
Households	327.0	285.5	297.4	460.3	400.9	...
Businesses net savings	257.6	252.2	137.8	111.1	82.7	...
Public sector (net)	444.1	495.5	498.8	210.0	194.6	...
Government net savings	378.9	432.0	410.7	231.1	164.4	...
State enterprise net savings	65.2	63.5	88.1	-21.1	30.2	...
Statistical discrepancy	79.4	35.5	21.8	-76.7	-12.2	...
Foreign savings	336.0	371.2	38.3	-595.0	-471.0	...
Depreciation allowance	469.2	553.3	629.6	677.6	701.0	...
(In percent of GDP)						
Gross domestic investment	41.8	41.6	33.3	20.3	19.9	22.7
Private sector	32.0	30.6	21.7	12.6	10.8	13.1
Public sector	8.9	10.2	11.6	9.6	9.3	8.3
Change in inventories	0.9	0.8	0.0	-1.9	-0.1	1.3
Financing	41.8	41.6	33.3	20.3	19.9	22.7
Gross national savings 1/	33.8	33.5	32.5	33.2	30.1	...
Net national savings	24.5	22.3	19.7	16.9	14.7	...
Private sector (net)	13.9	11.6	9.2	12.3	10.5	...
Households	7.8	6.2	6.3	9.9	8.7	...
Businesses net savings	6.1	5.5	2.9	2.4	1.8	...
Public sector (net)	10.6	10.7	10.5	4.5	4.2	...
Government net savings	9.0	9.3	8.7	5.0	3.6	...
State enterprise net savings	1.6	1.4	1.9	4.5	4.2	...
Statistical discrepancy	1.9	0.8	0.5	5.0	3.6	...
Foreign savings	8.0	8.0	0.8	-12.9	-10.2	...
Depreciation allowance	11.2	12.0	13.3	14.6	15.2	...
Memorandum item:						
GDP	4,192.7	4,622.8	4,740.2	4,628.4	4,615.4	4,900.3

Source: Data provided by the Thai authorities.

Table 6. Thailand: Gross Domestic Product at 1988 Prices

	Wholesale and Retail Trade, Repair of Vehicles and Personal and Household Goods							Gross domestic product	
	Agriculture	Non-agriculture	Manufacturing	Transport, storage and communication	Real estate, renting, and business activities	Public administration and defense; compulsory social security	Other		
1995	4.1	9.9	11.9	9.7	12.1	6.0	12.0	7.3	9.3
Q1	6.5	9.4	8.6	10.5	14.7	6.8	11.7	8.2	9.1
Q2	29.9	11.7	13.5	15.1	13.4	4.6	9.0	8.2	13.0
Q3	1.7	10.7	14.6	11.5	9.7	8.4	7.8	6.7	10.0
Q4	-8.5	7.8	11.0	2.5	10.7	4.4	20.2	6.2	5.5
1996	4.0	6.1	6.5	2.0	11.7	4.6	6.4	6.7	5.9
Q1	3.0	4.6	7.8	-1.3	8.2	-2.3	3.0	4.6	4.4
Q2	6.2	6.7	6.7	6.1	11.3	6.7	8.0	5.6	6.7
Q3	5.9	7.9	6.7	3.9	18.2	5.3	6.2	9.6	7.8
Q4	2.4	5.0	4.9	-0.9	9.4	8.2	8.8	7.0	4.7
1997	-0.4	-1.6	1.4	-3.2	4.7	1.3	3.3	-7.2	-1.4
Q1	1.1	1.4	6.4	1.3	4.2	8.3	1.1	-6.9	1.3
Q2	-1.7	-0.5	3.0	-4.3	2.9	2.6	3.2	-4.0	-0.6
Q3	-1.4	-1.9	0.3	-4.5	7.1	-0.1	3.4	-6.6	-1.8
Q4	-0.1	-5.2	-3.9	-4.8	4.6	-4.4	5.6	-11.3	-4.6
1998	-3.2	-11.6	-11.1	-13.0	-9.1	-2.7	7.1	-15.6	-10.8
Q1	-2.1	-8.2	-11.1	-9.9	-3.6	2.8	6.9	-7.8	-7.6
Q2	-11.9	-14.4	-13.6	-16.0	-14.8	-1.8	5.0	-18.3	-14.2
Q3	-7.8	-14.4	-14.6	-15.7	-13.6	-3.9	7.7	-17.6	-13.9
Q4	4.7	-9.1	-4.8	-10.3	-4.1	-7.9	8.9	-18.3	-7.4
1999 (prel.)	2.7	4.4	11.5	3.6	6.4	4.4	1.5	-5.7	4.2
Q1	2.8	-0.2	6.1	3.4	1.8	-0.2	2.0	-13.0	0.1
Q2	6.2	2.3	9.6	1.7	11.4	-1.2	0.0	-9.8	2.7
Q3	8.8	7.7	16.5	4.8	5.9	8.0	3.1	-1.1	7.8
Q4	-2.6	8.0	14.1	4.5	6.9	11.4	0.6	2.0	6.5
2000 (prel.)	2.7	4.6	5.9	2.9	8.1	4.5	1.7	2.6	4.4
Q1	-2.2	6.2	8.0	3.4	7.5	4.9	-0.7	6.2	5.3
Q2	5.7	6.4	8.1	4.2	5.7	6.8	9.1	5.1	6.4
Q3	4.6	2.8	3.6	2.0	7.8	1.4	4.4	-0.1	2.9
Q4	3.5	3.1	4.0	2.0	11.1	5.2	-5.4	-0.5	3.2
2001 (prel.)	2.3	1.7	1.3	2.5	3.6	3.7	3.8	0.2	1.8
Q1									

Source: NESDB.

Table 7. Thailand: Gross Domestic Product at 1988 Prices
(Seasonally adjusted, percent change from previous quarter)

GDP	Percent change from previous quarter									
	Total	Agriculture	Non-agriculture	Manufacturing	Wholesale and Retail Trade, Repair of Vehicles and Personal and Household Goods	Transport, storage, and communication	Real estate, renting, and business activities	Public administration and defense; compulsory social security	Other	
(Percent change from previous quarter)										
1995										
Q1	2.6	-6.1	3.7	3.7	0.7	4.7	2.9	22.4	3.8	
Q2	2.2	2.7	2.1	4.2	1.7	1.8	-1.4	-3.2	1.0	
Q3	-0.3	-3.7	0.1	2.1	-0.1	-1.7	3.4	2.4	-2.4	
Q4	1.4	-0.9	1.7	0.6	0.3	4.8	-0.2	-1.4	3.7	
1996										
Q1	1.3	4.7	1.0	0.8	-3.0	4.0	-3.9	5.9	3.0	
Q2	4.3	6.1	4.1	3.0	9.0	4.9	7.6	1.3	2.0	
Q3	0.1	-3.2	0.5	2.1	-1.9	2.3	1.7	0.2	-0.6	
Q4	-0.9	-4.6	-0.5	-1.2	-4.1	-2.9	3.4	0.7	2.8	
1997										
Q1	-2.1	2.8	-2.6	2.4	-1.5	0.7	-4.5	-0.5	-10.5	
Q2	2.7	3.5	2.6	-0.2	3.3	4.1	2.0	3.2	5.6	
Q3	-1.6	-2.8	-1.5	-0.4	-1.9	4.8	-1.0	-0.3	-5.0	
Q4	-3.7	-3.5	-3.7	-5.8	-4.2	-5.9	-0.3	2.5	-0.9	
1998										
Q1	-5.2	0.6	-5.8	-5.2	-7.8	-5.8	1.9	2.0	-7.5	
Q2	-4.2	-6.5	-3.9	-2.8	-3.0	-7.3	-2.4	1.1	-5.7	
Q3	-1.2	1.2	-1.5	-1.6	-1.4	5.4	-3.3	1.6	-4.1	
Q4	2.6	10.2	1.8	4.6	2.1	3.2	-3.7	3.4	-2.5	
1999 (prel.)										
Q1	2.5	-1.6	3.0	6.0	5.1	1.1	9.3	-3.5	-2.2	
Q2	-0.8	-2.7	-0.6	0.5	-3.6	1.8	-3.0	-1.1	-0.6	
Q3	3.6	3.3	3.6	4.9	1.7	0.2	5.7	4.2	4.1	
Q4	1.2	-2.1	1.6	1.9	1.6	2.9	-0.1	0.9	1.0	
2000 (prel.)										
Q1	1.1	-0.4	1.3	0.5	3.1	2.3	2.0	-4.3	1.4	
Q2	0.4	5.2	-0.1	0.7	-2.0	0.5	-0.7	8.6	-1.3	
Q3	0.4	2.3	0.2	0.6	-0.5	2.2	0.1	-0.6	-0.7	
Q4	1.0	-3.7	1.5	2.0	1.4	5.4	4.1	-8.5	-0.1	
2001 (prel.)										
Q1	-0.2	-1.1	-0.2	-2.1	3.2	-4.3	0.0	5.2	1.9	

Source: NESDB.

Table 8. Thailand: Manufacturing Production, 1996-2001

	Weights 1/	1996	1997	1998	1999	2000	2001 2/
(Percent change from year earlier)							
Total	100.00	6.9	0.8	-10.5	11.2	6.0	2.7
Food	6.02	1.8	1.8	-4.9	15.6	2.0	-5.7
Rice mill	0.81	6.2	1.4	6.0	-1.8	0.5	5.2
Sugar	1.49	17.0	1.7	-36.6	43.6	14.5	-16.0
Milk and dairy products	0.20	6.5	25.7	3.5	19.0	18.0	3.2
Canned pineapple	0.46	-9.7	-19.4	-19.0	94.1	-10.9	-27.3
Canned seafood	1.23	-9.2	6.5	8.5	15.0	0.1	7.9
Frozen seafood	1.83	-2.8	1.1	13.6	-2.4	-5.2	12.2
Beverage	6.61	4.0	14.3	2.1	22.4	-42.2	3.2
Liquor	3.10	-5.2	14.4	-0.1	47.0	-94.4	46.3
Beer	2.43	17.3	15.2	11.8	6.7	11.8	0.4
Soft drinks	0.59	6.8	-0.8	-11.2	-10.5	-0.3	8.7
Energy drink	0.41	-12.7	33.9	-28.9	8.5	8.9	5.2
Soy milk	0.05	15.1	13.0	2.9	11.7	22.0	4.8
Electrolyte beverage	0.03	30.0	14.3	-16.7	-16.2	5.1	18.7
Tobacco	1.85	12.0	-9.9	-20.3	-9.9	-1.3	-4.4
Textiles	14.23	0.5	1.8	2.9	-1.2	3.2	3.5
Jute products	0.03	-18.8	-36.4	-34.8	-27.8	-2.2	1.6
Synthetic fiber	0.71	-3.5	5.7	27.3	-0.9	4.7	1.8
Spinning	1.75	2.1	1.8	3.1	0.4	2.6	3.0
Weaving	2.78	-3.2	1.9	1.2	-1.1	-0.8	-0.5
Knitting	0.86	1.4	1.6	1.4	1.0	1.7	2.3
Garment	8.10	1.7	1.5	1.5	-1.7	4.6	5.2
Petroleum products	7.19	32.3	15.9	-6.4	2.1	-0.9	2.1
Construction materials	2.55	13.8	-3.2	-38.2	12.3	0.1	-0.4
Cement	2.39	13.8	-4.2	-38.8	11.6	0.6	-0.2
Clinker	0.16	13.2	11.4	-31.3	21.1	-4.8	-2.0
Iron & steel products	2.06	7.1	-3.0	-31.6	12.2	15.8	1.2
Steel bar & shape steel	0.77	5.2	1.5	-33.8	-12.1	8.8	8.0
Galvanized iron sheet	0.27	4.7	-0.1	-34.8	18.5	23.3	27.6
P.C. wire & P.C. stand wire	0.14	2.3	-7.9	-37.9	-6.0	3.5	13.3
Wire rod	0.21	14.4	22.6	-40.6	24.9	-3.8	-16.1
Steel pipe	0.44	12.8	-17.4	-41.0	9.7	44.1	8.0
Hot & cold - rolled sheet	0.23	1.1	-15.2	19.6	63.0	14.5	-23.1
Transportation equipment	10.24	4.5	-26.5	-54.1	79.1	25.5	19.6
Passenger cars	4.22	8.9	-19.2	-71.4	127.2	33.6	47.1
Commercial cars	3.65	5.6	-41.0	-49.2	101.8	23.6	7.1
Motorcycles	1.33	-12.9	-25.1	-46.8	29.3	26.3	2.1
Tires	0.66	4.1	-8.7	-5.9	20.4	8.8	-5.5
Battery	0.38	5.5	-5.0	-10.1	21.5	17.3	-4.8
Electronic & electrical products	6.42	12.5	-5.8	-13.8	12.0	31.6	-14.4
Integrated circuit (mil.pieces)	1.90	5.9	20.4	-2.0	31.9	36.4	-19.8
T.V.	4.52	15.3	-15.9	-20.3	-1.5	27.2	-9.5
Setting jewellery (index)	3.31	-6.8	-3.1	33.6	14.4	28.5	6.8
Other products	39.52	6.1	4.1	-10.5	9.4	11.2	4.7

Source: Data provided by Bank of Thailand.

1/ Comprising 45 items, which embody 62.4 % of overall production of the manufacturing sector.

2/ First quarter of the year.

Table 9. Thailand: Selected Manufacturing Industries, Production and Capacity Utilization, 1995-2001

	Production							Ratio of actual output to capacity output in percent							
	1995	1996	1997	1998	1999	2000	2001 2/	1994	1995	1996	1997	1998	1999	2000	2001 2/
Manufacturing production index 1/	100.0	107.8	107.2	96.5	108.5	111.9	117.7	74.9	77.4	72.4	64.9	52.9	61.3	56.6	56.5
Synthetic fiber (thousand metric tons)	541	522	551	702	696	728	180	95.6	90.1	84.7	67.7	76.5	75.8	79.3	78.6
Sugar (thousand metric tons)	5,202	6,085	6,188	3,921	5,630	6,447	4,081	27.3	31.8	28.8	30.1	19.9	26.2	30.0	76.0
Cement (thousand metric tons)	34,051	38,749	37,115	22,722	25,354	25,499	6,503	92.5	96.7	76.7	72.9	44.6	49.8	50.1	51.1
Galvanized iron sheets (thousand metric tons)	370	387	387	252	299	369	116	55.4	66.7	69.8	69.7	45.3	49.8	61.4	77.2
Pulp (thousand metric tons)	300	507	573	697	854	917	230	76.1	72.3	82.9	93.7	88.0	98.9	104.9	105.4
Major petroleum products (million liters)	28,250	37,386	43,324	40,555	41,414	41,060	10,116	100.0	93.2	85.7	90.1	84.0	85.7	83.9	72.0
Beer (million liters)	647	759	874	977	1,042	1,165	296	75.4	69.8	77.7	69.8	65.6	69.9	75.7	76.8
Integrated circuits (million pieces)	3,143	3,330	4,009	3,929	5,182	7,070	1,310	88.1	74.8	79.3	95.5	73.7	90.5	101.8	74.6
Tin metal (thousand metric tons)	8	11	12	15	17	17	4	18.0	28.1	36.6	41.0	51.7	59.4	58.1	59.7

Source: Data provided by Bank of Thailand.

1/ 1995 = 100. Covers about 62.4 percent of total manufacturing sector.

2/ First quarter of the year.

Table 10. Thailand: Agricultural Production, 1995-2001
(Index 1988 = 100)

	Weights	1995	1996	1997	1998	1999	2000	2001 Prel.
Total 1/	100.0	132.0	136.7	135.8	136.3	138.8	142.4	146.2
Crops	68.4	129.5	136.7	135.4	136.1	139.5	142.7	146.6
Paddy	30.6	103.6	108.7	112.1	116.7	114.6	115.1	119.6
Rubber	7.8	185.6	198.7	222.4	222.0	225.5	243.9	248.4
Tapioca roots	4.8	70.0	75.2	77.8	72.7	56.5	80.4	77.4
Maize	4.4	94.2	92.3	86.1	105.3	97.0	105.7	104.1
Sugar cane	3.4	176.5	187.5	193.4	142.9	171.4	181.2	181.1
Sorghum	2.9	61.2	108.5	151.6	51.7	70.7	82.9	71.3
Soybean	1.7	111.1	89.6	85.3	78.3	82.9	83.4	85.9
Coconut	1.4	102.5	102.3	103.0	99.6	100.2	99.7	99.7
Mungbean	1.2	67.1	79.3	64.4	71.3	95.0	78.5	82.5
Oil palm	0.9	254.8	303.7	302.9	278.5	396.8	372.7	378.5
Coffee	0.8	226.4	212.0	220.3	203.3	147.4	212.0	224.4
Garlic	0.6	98.5	108.1	121.1	98.1	98.4	102.7	108.1
Chili	0.6	78.0	89.3	90.2	93.4	95.3	86.4	86.4
Tobacco leaves	0.5	111.4	136.6	165.4	169.7	181.1	169.5	155.0
Other crops	6.9	119.6	123.0	90.2	103.8	100.6	92.8	99.2
Forest products	3.0	7.9	7.5	6.7	5.8	4.1	3.6	3.4
Animal products	16.8	132.8	137.1	142.7	142.0	147.7	153.6	159.7
Fish catch	11.8	176.8	169.2	160.9	162.7	156.3	159.8	161.4

Source: Data provided by the Thai authorities.

1/ Covers about 90 percent of total agricultural production.

Table 11. Thailand: Mining Production, 1995-2001

	1995	1996	1997	1998	1999	2000	2001 1/
Non-energy (thousands of metric tons)							
Tin concentrates	2.2	1.5	0.8	2.0	3.4	2.4	0.8
Tungsten	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Lead ore	22.8	49.2	12.3	15.3	23.8	24.8	0.0
Antimony ore	0.6	0.1	0.1	0.5	0.1	0.2	0.0
Manganese ore	3.5	3.1	0.5	0.1	0.7	0.2	0.0
Iron ore	34.5	85.9	43.8	90.7	122.6	0.1	0.0
Gypsum	8,533.2	8,934.5	8,557.6	4,333.8	5,005.2	5,842.6	1,463.0
Fluorite ore	24.1	17.2	7.8	3.7	23.0	24.2	0.9
Zinc ore	135.2	181.2	91.1	195.1	185.7	186.5	31.2
Energy							
Crude oil (million barrels)	8.2	9.2	9.5	10.4	12.0	20.9	5.4
Natural gas (billion cubic feet)	401.2	468.8	571.0	621.5	680.3	713.0	164.8
Condensate (million barrels)	10.9	13.1	16.4	16.7	18.1	19.1	4.5
Lignite (millions of metric tons)	18.4	21.7	23.4	20.2	18.2	17.7	4.3

Source: Data provided by the Department of Mineral Resources.

1/ January-March 2001.

Table 12. Thailand: Production, Consumption, and Import
of Primary Commercial Energy, 1995-2001
(Barrels per day of crude oil equivalent)

	1995	1996	1997	1998	1999	2000	2001 1/
Production	392,644	450,073	523,408	524,089	549,336	590,265	560,069
Crude	23,763	26,419	27,463	29,420	34,006	58,096	60,907
Condensate	27,271	32,436	40,774	42,177	45,171	47,658	45,148
Hydroelectricity	29,267	31,940	31,437	22,590	15,136	26,152	32,602
Lignite	114,816	131,686	142,732	124,868	119,305	107,275	102,914
Natural gas	197,527	227,592	281,002	305,034	335,718	351,084	318,498
Net Import (Export)	639,599	737,754	709,378	621,827	657,563	722,154	730,144
Crude and petroleum	621,876	709,556	688,378	614,623	623,875	631,454	565,073
Coal	29,356	48,717	41,133	20,424	40,997	52,185	64,031
Electricity	1,238	1,416	1,319	2,796	3,910	4,486	3,897
Condensate	(12,871)	(21,935)	(21,452)	-16,405	-11,749	-4,435	-14,397
Natural Gas				389	530	38,464	111,540
Consumption	1,007,874	1,120,759	1,175,658	1,089,544	1,125,075	1,155,329	1,190,597
Petroleum Products	635,902	685,204	681,333	610,856	611,226	580,418	560,483
Coal	29,356	48,717	41,133	20,424	40,997	52,185	64,031
Hydroelectricity	30,505	33,356	32,756	25,386	19,046	30,638	36,499
Lignite	114,584	125,890	139,433	127,455	117,558	102,578	99,656
Natural gas	197,527	227,592	281,003	305,423	336,248	389,510	429,928
Imports/consumption (percent)	63.46	65.83	60.34	57.07	58.45	62.51	61.33

Source: Data provided by the National Energy Policy Office (NEPO).

1/ Preliminary through first two months of the year.

Table 13. Thailand: Construction and the Property Market, 1995–2001

	1995	1996	1997	1998	1999	2000	2001 1/
Area permitted for construction in Bangkok (thousand square meters)							
Total	25,380	15,844	12,849	4,268	3,884	4,020	590
Housing	17,263	10,944	7,636	2,844	2,181	2,920	444
Commercial	6,411	4,191	4,742	1,064	1,432	807	104
Industrial	85	49	116	4	0.3	3.8	1.2
Services and transportation	410	264	205	259	102	138	23
Other	1,211	396	150	97	169	151	17

Source: Data provided by the Thai authorities.

1/ First two months of year.

Table 14. Thailand: Private Sector Investment in Non-agricultural Sector, 1995–2001

(In millions of baht; except otherwise indicated)

	1995	1996	1997	1998	1999	2000	2001 1/
Investment and promotion							
Applications submitted	901,400	834,700	380,100	242,400	189,300	316,500	30,600
Applications approved	584,700	529,400	468,600	287,500	162,200	279,700	55,800
Investment certificates issued	328,300	427,100	404,700	244,500	139,500	290,300	48,800
Commencement of operation	132,500	230,300	267,400	283,800	205,300	304,900	70,200
New business registration	179,178	185,835	114,999	96,247	130,540	139,073	14,966 2/
Capital increase	274,707	264,830	307,159	275,538	401,725	340,137	23,053 2/
Production and other investment indicators							
Construction areas permitted (thousand sq. meters)							
Whole country	36,786	26,750	21,746	7,442	6,632	7,587	1,096 2/
Bangkok Metropolitan	25,380	15,844	12,849	4,268	3,884	4,020	590 2/
Import value of capital goods	801,813	844,509	941,143	894,279	908,336	1,164,492	237,871 2/
Sales of cement (thousand tonnes, including portland cement imports)	33,034	37,082	36,002	20,633	18,700	18,020	5,075
Foreign equity inflow	58,969	72,119	128,097	195,091	146,917	142,431	4,436 2/

Source: Data provided by the Thai authorities.

1/ January–March 2001.

2/ January–February 2001.

Table 15. Thailand: Promotional Activities of the Board of Investment, 1995–2001 1/
(In millions of baht; except where otherwise indicated)

	1995	1996	1997	1998	1999	2000	2001 2/
Number of applications received	1,407	1,198	808	691	902	1,061	203
Value of investment	901,400	834,700	380,100	242,400	189,300	316,500	30,600
Number of applications approved	1,205	974	868	648	680	1,116	175
Value of investment	584,700	529,400	468,600	287,500	162,200	279,700	55,800
Number of promotion certificates issued	978	942	792	569	554	785	241
Value of investment	328,300	427,100	404,700	244,500	139,500	290,300	48,800
Number of firms starting operations	322	611	465	697	526	625	124
Value of investment	132,500	230,300	267,400	283,800	205,300	304,900	70,200
Number of Thai employees	93,563	171,711	133,882	160,086	100,073	141,376	35,125
Value of approved investments by sector							
Agriculture and agricultural products	20,429	17,984	19,000	18,400	15,800	37,500	4,700
Minerals, metals, and ceramics	150,248	99,124	30,600	1,300	1,000	11,000	2,400
Light industry	10,656	6,737	7,600	10,800	10,600	37,000	3,500
Metal products, machinery, and transport equipment	53,044	53,303	33,200	10,800	13,300	31,000	2,400
Electronics and electrical products	44,303	85,311	31,600	61,200	58,800	77,200	27,500
Chemical products, paper, and plastics	227,110	126,015	171,200	54,400	43,900	72,800	12,600
Services and public utilities	77,668	140,949	175,400	130,600	18,800	13,200	2,700
Direction of approved investments							
Export-oriented production (over 80 percent exported)	67,490	98,700	94,900	111,200	120,600	171,600	37,700
Ownership of approved investments							
Total	584,700	529,400	468,600	287,500	162,200	279,700	55,800
Domestic	174,200	173,500	147,800	29,900	17,900	61,500	4,900
Foreign	35,200	75,800	36,000	80,000	82,900	123,200	39,100
Joint venture	375,300	280,100	284,800	177,600	61,400	95,000	11,800

Source: Data provided by the Office of the Board of Investment.

1/ From June 1999 onward statistics do not include applications submitted for (a) relocation; (b) BOI privileges transferred; and (c) existing projects applying for nontax incentives.

2/ January–March 2001.

Table 16. Thailand: Investment in Main Infrastructure Projects, 1992–2001

Main Projects	Construction Period	Est. Cost 1/
Private Sector		
1. Elevated multimodal transit system, Bangkok	1992-2000	80
2. Bangkok transit system	1993-99	53
3. Second stage of expressway system, Bangkok	1991-95	18
4. Tollway to international airport, Bangkok	1990-98	16
5. Expansion of telephone system, Bangkok	1992-96	119
6. IP-Star (Thaicom-4)*	2000-03	14
7. Control system MRTA (Blue line)*	2000-03	25
Government & State Enterprises Projects		
Transport Sector		
<i>Land Transport</i>		
1. Metropolitan Rapid Transit Project (Hua Lamphong - Queen Sirikit National Convention Center - Bangsue) (Metropolitan Rapid Transit Authority)	1996-2003	83
2. The Second Phase Four-Lane Highway Widening Project (The Department of Highways)	2000-2003	22
3. Second Stage Expressway System Sector B (Expressway and Rapid Transit Authority of Thailand)	2000-2002	2
4. Krabi-Khanom Highway Project (The Department of Highways)	1997-2002	3
5. Bang Yai - Ban Pong inter-city Motorway Project (The Department of Highways)	2002-2006	17
6. Outer Ring Road Project (Southern Part) (The Department of Highways)	2001-2003	27
7. Mekong River Bridge Construction Project Phase 2 (The Department of Highways)	2000-2002	1.7
8. Track Doubling Project --Ban Pachee-Lopburi, Ban Pachee-Mab kabao, Talingchan-Nakornpathom (State Railway of Thailand)	2000-2003	12
9. BTS Extension Project (Bangkok Metropolitan Administration)	2000-2003	33
<i>Water Transport</i>		
1. Laem Chabang Port Phase 2 Stage 1 (Port Authority of Thailand)	1997-2001	4
2. Anti-Pollution and Multi-purpose Vessel and Semi-Training Vessel Project (The Harbour Department)	2001-2003	2
<i>Air Transport</i>		
1. SUVARNABHUMI Airport (Second Bangkok International Airport) (New Bangkok International Airport Co.,Ltd.)	1992-2005	114
2. SUVARNABHUMI Airport Air Traffic Service Project (Aeronautical Radio of Thailand Ltd.)	2000-2003	2
3. Aircraft Requisition Project (Under the 1995/96-1999/2000 Corporate Plan) (Thai Airways International Public Company Ltd.)	1997-2001	9
4. Bangkok International Airport Development Project (Airports Authority of Thailand)	1998-2002	3
Telecommunication Sector		
1. Rural Long Distance Public Telephone Project (Telephone Organization of Thailand)	1996-2001	13
2. Telecommunication Network Expansion Project (Telephone Organization of Thailand)	2000-2002	13
3. International Telephone Services Expansion Project (Communication Authority of Thailand)	1994-2000	3
4. Satellite Network Development Project (Communication Authority of Thailand)	1996-2000	2

Source: Information provided by the Thai authorities.

1/ Preliminary estimates, in billions of baht.

Table 16. Thailand: Investment in Main Infrastructure Projects, 1992-2001 (concluded)

Main Projects	Construction Period	Est. Cost 1/
Public Utility Sector		
1. West Bank Raw Water Canal Project (The Metropolitan Water Works Authority)	1993-1997	4
2. Bangkok Waste Water Treatment Project Stage 1 (Dindang) (Bangkok Metropolitan Administration)	1993-1997	3
3. Nongkham-Phasicharoen-Ratburana Waste Water Treatment Project (Bangkok Metropolitan Administration)	1995-2001	2
4. The 7th Bangkok Water Supply Improvement Project (The Metropolitan Water Works Authority)	2000-2006	27
5. Water Supply Improvement Project (Nong Kai-Udon Thani) (The Provincial Waterworks Authority)	1998-2000	2
6. Private Sector Participation Provincial Water Supply Improvement Project (Lam Pang, Ratchaburi, Nakorn Sawan, Chacheongsao, Bang Pakong) (The Provincial Waterworks Authority)	2000-2002	4
7. Integrated Wastewater Treatment Project Phase 4 (Bangkok Metropolitan Administration)	2000-2005	4
Irrigation		
1. Prasae Project (Rayong Province) (The Royal Irrigation Department)	2000-2005	7
2. Nakhon Srithammarat, Surat Thani, and Songkhla Dam Project for Recovery from Inundation Impact (The Royal Irrigation Department)	1989-2001	2
3. Pra Prong Dam Project (Sra Kaew Province) (The Royal Irrigation Department)	1991-2001	0.3
4. Klong Sri Yat Dam Project (Chachoengsao Province) (The Royal Irrigation Department)	1994-2002	3
5. Bang Pakong Dam Project (Chachoengsao Province) (The Royal Irrigation Department)	1993-2001	2
6. Pak Panang Basin Development Project (Nakhon Si Thammarat Province) (The Royal Irrigation Department)	1995-2002	11
7. Pa Sak Basin Development Project (Lopburi Province) (The Royal Irrigation Department)	1995-2005	1
8. Mae Klong Yai Canal Project Phase 3 (Nakhon Pathom and Suphan Buri Province) (The Royal Irrigation Department)	1996-2002	1
9. Mae Mok Dam Project (Lampang Province) (The Royal Irrigation Department)	1991-2000	0.042
10. Klong Tha Dan Dam Project (Nakhon Nayok Province) (The Royal Irrigation Department)	1997-2003	10
11. Kong-Chi-Mun Project (Department of Energy Development and Promotion)	1989-2000	4
Energy Sector		
1. Ratchaburi Thermal Power Plant (Unit 1&2) Project (The Electricity Generating Authority of Thailand)	1996-2002	12
2. Combined Cycle Ratchaburi Thermal Power Plant (Unit 1) (The Electricity Generating Authority of Thailand)	1996-2002	7
3. Krabi Thermal Power Plant (Unit 1) Project (The Electricity Generating Authority of Thailand)	1997-2001	11
4. Thailand-Malaysia Gas Pipeline Project Phase 2 (The Electricity Generating Authority of Thailand)	1994-2001	1
5. Transmission System Expansion No.9 (The Electricity Generating Authority of Thailand)	1995-2004	7
6. Greater Bangkok Area Transmission System Phase 1 (The Electricity Generating Authority of Thailand)	1995-2002	3
7. 500 KV Transmission System Project for Independent Power Producers (The Electricity Generating Authority of Thailand)	1997-2006	27
8. Transmission System and Substation Development Project 7th Stage Phase 1 (Provincial Electricity Authority)	1998-2004	5
9. Transmission System and Substation Development Project 7th Stage Phase 2 (Provincial Electricity Authority)	2000-2004	5
10. Thailand-Malaysia Gas Pipeline Project and Thailand-Malaysia Gas Separation Plant Project (Petroleum Authority of Thailand)	1999-2006	29

Source: Information provided by the Thai authorities.

1/ Preliminary estimates, in billions of baht.

Table 17. Thailand: Population, Labor Force, and Employment
by Major Economic Sectors, 1995-2000

	1995	1996	1997	1998	1999	2000
(In millions of persons)						
Population	59.28	59.90	60.50	61.17	61.78	62.40
Labor force 1/	32.17	32.32	32.78	32.60	32.91	33.39
Open unemployed 2/	0.13	0.11	0.14	0.46	0.39	0.32
Passive unemployed 3/	0.42	0.38	0.36	0.97	0.99	0.89
Employment 1/	30.82	31.17	31.71	30.27	30.84	31.45
Agriculture	14.39	14.14	14.31	13.57	14.00	14.00
Non-agriculture	16.43	17.03	17.40	16.70	16.84	17.45
Mining, electricity, and water supply	0.24	0.21	0.23	0.24	0.22	0.21
Manufacturing	4.61	4.65	4.64	4.58	4.61	5.00
Construction	2.25	2.65	2.50	1.63	1.40	1.51
Transportation and communication	1.01	1.00	1.04	0.99	1.01	0.97
Commerce and banking, insurance, and real estate	4.18	4.40	4.60	4.63	4.78	4.91
Services and public administration	4.14	4.13	4.38	4.63	4.81	4.84
(In percent)						
Participation rate	71.4	70.6	70.4	69.0	68.7	68.6
Rate of unemployment	1.7	1.5	1.5	4.4	4.2	3.6
Population	0.1	1.0	1.0	1.1	1.0	1.0
Labor force 1/	1.1	0.5	1.4	-0.6	1.0	1.5
Open unemployed 2/	-20.8	-14.4	20.1	231.7	-14.9	-18.2
Passive unemployed 3/	-37.5	-7.8	-6.7	170.3	2.8	-10.8
Employment 1/	2.2	1.1	1.8	-4.6	1.9	2.0
Agriculture	-5.2	-1.8	1.3	-5.2	3.1	0.0
Non-agriculture	9.6	3.7	2.2	-4.0	0.8	3.6
Mining, electricity, and water supply	-1.2	-14.1	11.5	5.0	-7.9	-4.8
Manufacturing	10.0	0.9	-0.1	-1.4	0.7	8.5
Construction	12.6	17.8	-5.5	-34.8	-14.1	7.5
Transportation and communication	12.4	-1.1	4.4	-4.8	1.9	-3.9
Commerce and banking, insurance, and real estate	11.1	5.1	4.7	0.7	3.3	2.7
Services and public administration	6.4	-0.3	6.1	5.6	4.0	0.7

Source: Data provided by the Thai authorities.

1/ Thirteen years of age and above.

2/ Includes persons 13 years of age and above who were available for work but did not work at all and were looking for work.

3/ Includes persons 13 years of age and above who were available for work but did not work at all and were *not* looking for work.

Table 18. Thailand: Average Earnings, Classified
by Manufacturing Categories, 1995–1999

	1995	1996	1997	1998	1999
(In baht per month)					
Manufacturing (whole Kingdom)	4,999.6	5,502.4	5,937.7	6,389.4	8,304.5
Food, beverage, and tobacco	4,487.3	5,188.5	5,070.9	5,412.9	7,666.2
Textiles, wearing apparel, leather, and leather products	4,425.8	4,983.1	5,026.9	4,945.5	6,974.5
Wood and wood products including furniture	4,434.6	4,637.2	4,820.3	5,083.3	6,927.5
Paper and paper products, printing and publishing	7,267.9	6,374.1	7,179.2	7,998.9	8,468.4
Chemicals and chemical, petroleum, coal, rubber and plastic products	5,415.0	6,014.7	6,090.0	6,721.4	9,086.9
Non-metallic mineral products, except producers of petroleum and coal	9,629.3	5,398.4	6,948.4	7,715.5	7,820.8
Basic metal industries	5,555.1	6,496.7	6,706.6	8,633.3	8,100.0
Fabricated metal products, machinery and equipment	5,208.2	6,728.4	7,165.4	7,740.4	9,533.0
Other manufacturing industries	4,687.8	4,357.0	5,562.0	6,357.5	8,157.4
Construction	8,104.2	7,259.0	6,352.4	7,403.6	...
(Percent change from year earlier)					
Manufacturing (whole Kingdom)	18.2	10.1	7.9	7.6	30.0
Food, beverage, and tobacco	12.0	15.6	-2.3	6.7	41.6
Textiles, wearing apparel, leather, and leather products	9.1	12.6	0.9	-1.6	41.0
Wood and wood products including furniture	24.3	4.6	3.9	5.5	36.3
Paper and paper products, printing and publishing	4.4	-12.3	12.6	11.4	5.9
Chemicals and chemical, petroleum, coal, rubber and plastic products	17.6	11.1	1.3	10.4	35.2
Non-metallic mineral products, except producers of petroleum and coal	108.0	-43.9	28.7	11.0	1.4
Basic metal industries	1.1	17.0	3.2	28.7	-6.2
Fabricated metal products, machinery and equipment	-5.3	29.2	6.5	8.0	23.2
Other manufacturing industries	24.8	-7.1	27.7	14.3	28.3
Construction	87.6	-10.4	-12.5	16.5	...

Source: Data provided by the Thai authorities.

Table 19. Thailand: Consumer Prices, 1995–2001 1/

(1994 = 100)

	All Items	Food	Nonfood 2/	Housing
Weights	100.00	35.28	64.72	24.01
1995	105.8	108.1	104.3	104.8
I	102.5	103.5	101.9	102.5
II	104.8	106.3	103.8	104.0
III	107.0	109.5	105.4	105.9
IV	108.9	113.1	106.0	106.9
1996	112.0	117.7	108.0	108.2
I	110.1	115.0	106.8	107.6
II	111.3	116.3	107.8	108.2
III	112.5	118.7	108.3	108.3
IV	113.9	120.8	109.2	108.8
1997	118.2	125.8	113.0	111.6
I	114.9	121.5	110.4	109.7
II	116.1	122.8	111.5	110.7
III	119.4	128.8	113.0	111.3
IV	122.5	130.4	117.0	114.6
1998	127.8	137.9	121.2	117.8
I	125.3	134.3	119.3	116.1
II	128.1	138.6	121.3	117.5
III	129.2	140.1	122.2	118.7
IV	128.6	138.4	122.1	119.0
1999	128.2	136.7	122.4	117.9
I	128.6	138.3	122.2	119.1
II	127.5	136.9	121.3	117.2
III	127.9	136.1	122.4	117.2
IV	128.7	135.5	123.8	118.2
2000	130.2	135.2	126.3	119.6
I	129.7	135.9	125.2	119.4
II	129.6	134.8	125.7	119.7
III	130.7	135.4	126.9	119.8
IV	130.7	134.6	127.5	119.7
2001				
I	131.5	135.4	128.2	121.0

Source: Data provided by the Thai authorities.

1/ Consumer price index for the Kingdom. Quarterly and annual data are averages of monthly indices.

2/ Includes clothing, housing, personal and medical care, transportation, recreation, reading and education, tobacco, and alcoholic beverages.

Table 20. Thailand: Producer Price Index by Product Group, 1995-2001 1/
(1995 = 100)

	All products	Agricultural products 2/	Crops, livestock, and forestry	Fish and other fish products	Mining and fuel products	Manufactured products	Wholesale price index for exported products (1985=100)
Weights	100.0	13.1	11.1	2.0	1.9	85.0	100.0
1995	100.0	100.0	100.0	100.0	100.0	100.0	157.6
I	98.2	96.9	96.1	101.2	97.6	98.4	153.4
II	99.5	99.9	100.6	96.3	98.4	99.4	157.5
III	100.8	99.8	99.6	100.7	101.7	100.9	158.1
IV	101.6	103.4	103.7	101.8	102.3	101.3	161.3
1996	101.8	106.9	105.3	115.5	102.6	101.0	159.2
I	101.0	102.0	99.9	113.0	101.8	100.9	162.1
II	101.8	109.1	108.1	114.6	102.1	100.7	161.9
III	101.9	108.8	107.2	117.5	103.2	100.9	158.4
IV	102.6	107.7	106.1	116.9	103.3	101.7	154.3
1997	107.0	109.6	106.0	129.5	103.1	106.6	158.1
I	103.1	105.7	102.2	124.5	102.7	102.6	152.7
II	103.0	109.5	106.9	123.8	100.6	102.0	150.7
III	107.4	109.9	106.5	128.6	102.3	107.1	157.6
IV	114.5	113.3	108.2	141.1	107.0	114.8	171.2
1998	120.0	129.0	122.2	165.6	108.5	118.9	189.8
I	122.3	129.1	120.7	174.7	111.6	121.4	200.2
II	120.0	132.2	124.5	174.0	108.4	118.3	189.2
III	120.5	132.0	125.6	167.1	107.5	119.0	192.0
IV	117.3	122.7	118.3	146.8	106.5	116.7	177.8
1999	114.4	109.3	103.2	142.5	104.8	115.3	167.8
I	114.7	115.4	109.5	147.4	103.9	114.8	172.8
II	113.6	111.6	105.7	144.2	105.0	114.0	166.8
III	113.6	105.4	99.6	136.7	104.2	115.1	164.5
IV	115.5	104.8	98.0	141.7	106.1	117.3	167.2
2000	118.8	108.9	99.2	161.8	109.3	120.6	170.9
I	117.0	106.7	97.9	154.0	105.9	118.8	169.3
II	117.8	108.7	98.9	161.7	105.7	119.4	170.0
III	119.8	110.0	99.4	167.3	110.0	121.6	170.9
IV	120.7	110.4	100.5	164.1	115.5	122.5	173.6
2001	120.3	110.6	101.0	162.6	117.8	121.8	...

Source: Data provided by the Thai authorities.

1/ Quarterly and annual data are averages of monthly indices. The producer price index (1995 = 100) has replaced the wholesale price index since January 2000.

2/ Includes crops, animal farm and forestry, fish and other fishing products.

Table 21. Thailand: Producer Price Index
by Stage of Processing, 1995–2001 1/
(1995 = 100)

	Finished goods	Intermediate materials	Crude materials
1995	100.0	100.0	100.0
I	98.3	98.6	96.1
II	98.9	100.5	100.0
III	100.8	100.7	101.0
IV	102.0	100.2	102.8
1996	102.8	99.1	103.4
I	101.0	100.8	102.2
II	102.5	99.7	103.6
III	103.4	97.5	105.5
IV	104.5	98.2	102.1
1997	108.5	102.7	109.5
I	104.9	98.4	104.4
II	105.1	97.2	106.5
III	108.9	102.3	112.4
IV	115.1	113.0	114.7
1998	120.8	117.6	122.1
I	121.3	122.9	126.5
II	120.6	117.9	121.8
III	122.0	116.2	123.7
IV	119.1	113.5	116.1
1999	117.2	111.7	102.7
I	117.5	110.8	107.4
II	116.7	109.5	103.6
III	116.8	110.6	100.8
IV	117.8	115.7	99.0
2000	120.3	120.5	103.4
I	118.9	118.3	100.1
II	119.7	118.1	102.4
III	121.0	121.8	105.2
IV	121.4	123.9	106.0
2001			
I	121.0	122.5	108.2

Source: Data provided by the Thai authorities.

1/ Quarterly and annual data are averages of monthly indices.

Table 22. Thailand: Selected Energy Prices, 1995–2001 1/

	1995	1996	1997	1998	1999	2000	2001 2/
Average import price of crude oil (baht/barrel) Index (1994 = 100)	17.51 108.4	20.71 128.2	19.97 123.6	13.21 81.7	17.42 107.8	28.59 176.90	25.10 155.42
Electricity (baht/kwh) 3/ Index (1994 = 100)	1.93 106.4	2.00 110.1	1.99 109.4	2.16 118.9	2.09 114.9	2.34 128.8	
Premium gasoline (baht/liter) 4/ Index (1994 = 100) Tax (baht/liter)	8.87 105.7 2.59	9.23 110.0 2.68	10.48 124.9 2.84	11.86 141.4 3.94	11.98 136.7 4.05	15.63 186.10 4.05	16.11 191.76 4.05
High-speed diesel (baht/liter) 4/ Index (1994 = 100) Tax (baht/liter)	7.60 102.8 2.20	8.62 116.4 2.28	9.49 128.4 2.44	9.19 124.4 2.44	8.96 114.7 2.07	12.95 175.00 2.54	13.33 180.16 2.54
Fuel oil (baht/liter) 4/ Index (1994 = 100) Tax (baht/liter) 5/	4.05 96.9 0.43	4.52 108.1 0.49	5.34 127.8 0.59	6.86 153.6 0.55	6.29 137.8 0.19	9.22 263.40 0.29	9.43 269.43 0.29
Kerosene (baht per liter)	8.70	10.02	11.17	11.70	11.63	15.10	15.99

Source: Data provided by the National Energy Policy Office (NEPO).

1/ Annual average of monthly prices.

2/ Through February.

3/ Average price of electricity sold (MEA, PEA) including VAT.

4/ Retail price for Bangkok; 1995 column reports the price of fuel oil grade 2 (1,500).

5/ 1992-97, tax rate of fuel oil was 17 percent of ex-refinery value. 1997-98, tax rate of fuel oil was 17.5 percent of ex-refinery value. Since 1999, tax rate of fuel oil is 5 percent of ex-refinery value.

Table 23. Thailand: Central Government Fiscal Accounts, 1995/96–1999/2000 1/

(In billions of baht)

	1995/96	1996/97	1997/98	1998/99	1999/00
Total revenue and grant	876.1	873.4	757.8	743.1	794.7
Revenue	873.0	870.4	753.3	739.1	790.3
Tax	792.4	777.5	665.7	641.0	690.8
Nontax	80.6	92.9	87.6	98.1	99.5
Grants	3.1	3.0	4.5	4.0	4.4
Total expenditure and net lending	767.9	971.4	1114.3	1225.2	949.5
Current expenditure	485.3	530.6	532.2	596.5	654.4
Capital expenditure	272.7	427.1	519.5	563.7	231.9
Net lending	9.9	13.7	62.6	65.0	63.2
Overall balance	108.2	-98.0	-356.5	-482.1	-154.8
Financing	-108.2	97.9	356.3	482.1	154.8
External	2.9	10.2	71.4	52.7	33.0
Domestic	-111.1	87.7	284.9	429.4	121.8
Bank 2/	-120.4	89.8	204.6	260.7	36.0
Nonbank	-3.8	-2.1	116.6	93.4	85.8
Float	13.1	0.0	-36.3	75.3	0.0
(In percent of fiscal year GDP)					
Total revenue and grant	19.5	18.6	16.2	16.2	16.4
Revenue	19.4	18.5	16.1	16.1	16.4
Tax	17.6	16.5	14.2	14.0	14.3
Nontax	1.8	2.0	1.9	2.1	2.1
Grants	0.1	0.1	0.1	0.1	0.1
Total expenditure and net lending	17.1	20.6	23.8	26.7	19.7
Current expenditure	10.8	11.3	11.4	13.0	13.5
Capital expenditure	6.1	9.1	11.1	12.3	4.8
Net lending	0.2	0.3	1.3	1.4	1.3
Overall balance	2.4	-2.1	-7.6	-10.5	-3.2
Financing	-2.4	2.1	7.6	10.5	3.2
External	0.1	0.2	1.5	1.1	0.7
Domestic	-2.5	1.9	6.1	9.4	2.5
Bank 2/	-2.7	1.9	4.4	5.7	0.7
Nonbank	-0.1	0.0	2.5	2.0	1.8
Float	0.3	-0.3	-0.8	1.6	0.0
Memorandum item:					
Fiscal year GDP	4503	4706	4673	4588	4831

Source : Data provided by the Thai authorities.

1/ The fiscal year runs from October to September. Data are based on GFS definitions and the coverage corresponds to the consolidated central government, which includes extra-budgetary funds, social security funds, and the fiscalization of financial-sector restructuring costs.

2/ As recorded in the monetary survey.

Table 24. Thailand: Central Government Revenue and Grants, 1995/96–1999/2000

(In billions of baht)

	1995/96	1996/97	1997/98	1998/99	1999/00
Total revenue and grants	876.1	873.4	757.8	743.1	794.7
Total revenue	873.0	870.4	753.3	739.1	790.3
Tax revenue	792.4	777.5	665.7	641.0	690.8
Taxes on income and profits	277.7	276.2	214.8	213.7	235.4
Personal	105.3	111.5	118.9	101.2	87.4
Corporate	169.0	159.4	90.7	101.3	137.4
Petroleum income tax	3.4	5.3	5.3	11.2	10.6
Taxes on property	13.5	9.5	5.1	4.4	3.6
Taxes on consumption	349.2	353.1	354.1	319.4	322.1
Business tax/VAT	148.4	139.0	162.7	132.1	138.0
Specific business tax	32.6	33.0	34.0	20.8	16.6
Excise taxes	168.2	181.1	157.4	166.5	167.5
Beer and spirits	38.5	43.7	39.4	48.6	26.1
Tobacco	23.8	29.5	25.5	26.1	23.1
Petroleum products	60.4	66.3	68.1	69.0	65.7
Motor cars	37.0	32.0	8.9	14.2	24.1
Other	8.5	9.6	15.5	8.6	28.4
Profits on tobacco monopoly	0.0	7.1	1.9	7.7	5.3
Taxes on international trade	127.7	105.2	67.8	68.1	87.2
Import duties	126.2	103.6	66.1	66.4	84.9
Export duties	1.5	1.6	1.7	1.7	2.3
License fees and other taxes	24.3	26.4	21.9	27.7	37.2
Nontax revenue	80.6	92.9	87.6	98.1	99.4
Profits	45.9	56.9	44.3	46.4	38.5
State lottery	4.0	4.7	7.3	7.3	9.4
Bank of Thailand	10.4	14.5	0.0	0.0	0.0
State enterprises	31.5	37.7	37.0	39.1	29.1
Other	34.7	36.0	43.3	51.7	60.9
Grants	3.1	3.0	4.5	4.0	4.4

Source: Data provided by the Thai authorities.

Table 25. Thailand: Central Government Expenditure by
Economic Classification, 1995/96–1999/2000

(In billions of baht)

	1995/96	1996/97	1997/98	1998/99	1999/00
Total expenditure and net lending	767.9	971.4	1,114.3	1225.2	949.5
Total expenditure	758.0	957.7	1,051.7	1160.2	886.3
Current expenditure	485.3	530.3	532.2	596.5	654.4
Wages and salaries 1/	241.6	262.3	281.1	298.3	299.1
Interest	10.2	15.3	8.7	44.7	58.3
Other goods and services	179.5	192.8	179.3	173.7	182
Subsidies and current transfers	54.0	59.9	63.1	79.8	115.1
Local government	6.0	6.3	6.8	12.9	...
Public enterprises	7.8	8.6	11.8	11.2	...
Households and others 2/	40.2	45.0	44.5	55.7	...
Capital expenditure	272.7	427.1	519.5	563.7	231.9
Acquisition of fixed assets	239.1	334.5	278.4	223.8	203.3
Capital transfers	33.6	92.6	241.1	339.9	28.6
Local government	19.6	23.6	24.4	32.8	...
Public enterprises	9.3	9.8	12.8	5.8	...
Households and others	4.7	59.2	203.9	301.3	...
Net lending	9.9	13.7	62.6	65.0	63.2

Source: Data provided by the Thai authorities.

1/ Includes remuneration, annual salary adjustments, overtime, and travel expenses.

2/ Includes pensions.

Table 26. Thailand: Central Government Expenditure, Classified by Purpose, 1995/96-1999/2001

(In billions of baht)

	1995/96	1996/97	1997/98	1998/99	1999/00
Total expenditure	758.0	957.7	1,051.7	1,160.2	886.3
Current expenditure	485.3	530.6	532.2	596.5	654.4
General public services	32.2	32.7	31.1	35.6	38.7
Defense	91.6	98.3	84.3	73.1	72.0
Public order and safety	39.3	40.7	41.6	44.4	47.7
Education	133.1	146.4	154.7	170.9	172.4
Health	48.4	51.7	55.5	63.4	61.5
Social security and welfare	28.2	33.3	34.8	37.0	55.5
Housing and community amenities	6.6	6.3	6.0	9.4	14.1
Recreational, cultural, and religious	4.8	5.0	5.8	5.9	5.3
Economic services	61.2	62.7	61.5	72.4	88.3
Fuel and energy	2.3	2.4	3.4	1.7	9.0
Agriculture, forestry, and fisheries	37.9	39.1	30.7	40.7	40.7
Mining and mineral	2.6	3.0	3.3	4.6	4.6
Transportation and communication	9.6	9.7	14.0	10.4	13.5
Road transport	5.1	5.3	9.3	4.8	0.0
Water transport	0.4	0.3	0.4	0.7	0.0
Railway and other transport	2.1	1.8	1.9	2.4	0.0
Communication	2.0	2.3	2.4	2.5	0.0
Other	8.8	8.5	10.1	15.0	20.5
Other	39.9	53.5	56.9	84.4	99.1
Interest payments	10.2	15.3	8.7	44.7	56.6
Domestic	6.2	11.4	1.7	35.1	46.1
External	4.0	3.9	7.0	9.6	10.5
Unclassified	29.7	38.2	48.2	39.7	42.5
Capital expenditure	272.7	427.1	519.5	563.7	231.9
General public services	10.1	11.5	8.9	5.1	7.2
Public order and safety	7.4	10.2	10.7	9.5	7.4
Education	25.9	48.5	41.8	29.8	24.2
Health	13.4	25.6	22.4	12.2	8
Housing and community amenities	34.2	45.5	34.6	38.3	31.1
Recreational, cultural, and religious	2.9	7.7	7.7	4.2	2.2
Economic services	167.2	266.2	380.0	454.6	142.5
Fuel and energy	0.7	1.0	1.4	0.8	0.8
Agriculture, forestry, and fisheries	40.5	44.2	33.0	30.4	29.9
Mining and mineral	1.0	1.4	0.9	3.7	1.3
Transportation and communication	100.1	133.4	121.8	94.7	92.3
Road transport	95.5	123.6	109.0	87.8	0.0
Water transport	0.8	2.2	3.8	2.6	0.0
Railway and other transport	3.1	6.4	8.3	4.1	0.0
Communication	0.7	1.2	0.7	0.2	0.0
Other	24.9	86.2	222.9	325.0	18.2
Other	11.6	11.9	13.4	10	6.9

Source: Data provided by the Thai authorities.

Table 27. Thailand: Nonfinancial Public Sector Debt, 1995/96–1999/2000

	1995/96	1996/97	1997/98	1998/99	1999/00
(In billions of baht)					
Total public sector debt	652.6	1706.1	2114.5	2562.6	2770.3
Central government	175.4	241.9	500.1	958.5	1093.0
Domestic	50.3	35.5	227.2	598.7	697.8
Bank of Thailand	2.5	3.6	54.5	113.4	78.8
Commercial banks	12.5	8.1	96.0	226.8	325.5
Government Savings Bank	29.2	20.0	27.5	129.5	124.4
Other financial institutions	5.1	2.9	37.8	68.5	73.4
Other	1.0	0.9	11.4	60.5	95.7
External	125.1	206.4	272.9	359.8	395.2
Nonfinancial public enterprises	420.0	571.1	627.7	789.5	895.9
Domestic	195.3	231.7	253.1	308.7	424.8
Guaranteed	167.4	194.0	215.4	259.7	345.1
Non-guaranteed	27.9	37.7	37.7	49.0	79.8
External	224.7	339.4	374.6	480.8	471.1
Guaranteed	224.7	302.2	339.5	442.7	422.6
Non-guaranteed	0.0	37.2	35.1	38.1	48.5
FIDF 1/	57.2	893.1	986.7	814.6	781.4
(In percent of fiscal year GDP)					
Total public sector debt	14.5	36.3	45.2	55.9	57.3
Central government	3.9	5.1	10.7	20.9	22.6
Domestic	1.1	0.8	4.9	13.0	14.4
Bank of Thailand	0.1	0.1	1.2	2.5	1.6
Commercial banks	0.3	0.2	2.1	4.9	6.7
Government Savings Bank	0.6	0.4	0.6	2.8	2.6
Other financial institutions	0.1	0.1	0.8	1.5	1.5
Other	0.0	0.0	0.2	1.3	2.0
External	2.8	4.4	5.8	7.8	8.2
Nonfinancial public enterprises	9.3	12.1	13.4	17.2	18.5
Domestic	4.3	4.9	5.4	6.7	8.8
Guaranteed	3.7	4.1	4.6	5.7	7.1
Non-guaranteed	0.6	0.8	0.8	1.1	1.7
External	5.0	7.2	8.0	10.5	9.8
Guaranteed	5.0	6.4	7.3	9.6	8.7
Non-guaranteed	0.0	0.8	0.8	0.8	1.0
FIDF 1/	1.3	19.0	21.1	17.8	16.2
Memorandum items:					
Exchange rate (eop) Baht/US\$	25.5	36.9	39.5	41.0	42.4
Nominal GDP (fiscal year)	4,503	4,706	4,673	4,588	4,831
External debt (US\$ billions)	13.7	14.8	16.4	20.5	20.5
Central government	4.9	5.6	6.9	8.8	9.3
Nonfinancial public enterprises	8.8	9.2	9.5	11.7	11.2
Guaranteed	8.8	8.2	8.6	10.8	10.0
Non-Guaranteed	0.0	1.0	0.9	0.9	1.2

Sources: Data provided by the Thai authorities; and Fund staff estimates.

1/ Although included in this table, GFS classifies Financial Institutions Development Fund (FIDF) liabilities as part of the financial public sector.

Table 28. Thailand: Operating Profits/Losses of Nonfinancial State Enterprises,
1995/96–1999/2000 1/

	1995/96	1996/97	1997/98	1998/99	1999/00
	(In billions of baht)				
Total	103.4	66.5	65.6	-35.4	74.4
Power	53.7	16.0	49.3	-28.7	43.5
Electricity Generating Authority	27.1	12.8	18.5	-24.3	22.7
Metropolitan Electricity Authority	4.8	4.1	2.7	-0.9	2.5
Provincial Electricity Authority	12.0	9.1	10.5	-7.4	9.0
Petroleum Authority	7.7	-3.2	11.6	5.6	9.3
Other	2.1	-6.8	6	-1.7	0.0
Transport and communication	37.1	38.4	10.2	-15.4	18.2
Thai Airways International	3.4	2.8	3.9	5.3	7.4
Expressway and Rapid Transit Authority	0.6	0.6	-0.1	-4.2	-0.7
State Railways of Thailand	-1.6	-1.8	-3.2	-7.3	-5.4
Bangkok Mass Transit Authority	-2.1	-2.5	-2.8	-6.0	-2.7
Port Authority of Thailand	2.9	2.3	1.6	-0.2	1.2
Telephone Organization	21.0	22.2	-2.7	-9.9	7.2
Communication Authority of Thailand	7.5	9.2	7.4	3.7	4.8
Others 2/	5.4	5.6	6.1	3.2	6.4
Manufacturing	5.7	6.3	6	5.2	5.8
Tobacco monopoly	4.7	5.5	5.2	5.5	5.2
Others	1.0	0.8	0.8	-0.3	0.6
Agriculture	-0.1	-0.3	-0.1	-0.1	0.0
Government Lottery Bureau	4.8	4.8	5.3	4.9	5.2
Others	2.2	1.3	-5.1	-1.3	1.7

Source: Data provided by the Thai authorities.

1/ After corporate income tax.

2/ Includes Airport Authority of Thailand.

Table 29. Thailand: Summary of Local Government Operations, 1995/96–1999/2000

	1995/96	1996/97	1997/98	1998/99	1999/00
(In billions of baht)					
Total revenue and grants	83.7	94.5	100.4	107.0	91.0
Taxes and other revenue	58.1	64.6	69.2	61.3	60.0
Transfers from central government	25.6	29.9	31.2	45.7	31.0
Total expenditure	77.8	89.1	74.5	99.2	89.4
Current expenditure	31.5	35.4	30.7	53.1	40.2
Capital expenditure	46.3	53.7	43.8	46.2	49.2
Overall balance	5.9	5.4	25.9	7.8	1.6
Overall balance excluding transfers from the central government	-19.7	-24.5	-5.3	-37.9	-29.4
(In percent of fiscal year GDP)					
Total revenue and grants	1.9	2.0	2.1	2.3	1.9
Taxes and other revenue	1.3	1.4	1.5	1.3	1.2
Transfers from central government	0.6	0.6	0.7	1.0	0.6
Total expenditure	1.7	1.9	1.6	2.2	1.9
Current expenditure	0.7	0.8	0.7	1.2	0.8
Capital expenditure	1.0	1.1	0.9	1.0	1.0
Overall balance	0.1	0.1	0.6	0.2	0.0
Overall balance excluding transfers from the central government	-0.4	-0.5	-0.1	-0.8	-0.6

Source: Data provided by the Thai authorities.

Table 30. Thailand: Consolidated Nonfinancial Public Sector Operations, 1995/96–1999/2000

	1995/96	1996/97	1997/98	1998/99	1999/00
(In billions of baht)					
Overall Balance	126.3	-152.2	-394.8	-565.9	-196.5
Total revenue and grants	1,060.7	1,036.7	936.0	888.5	965.4
Total revenue	1,057.6	1,033.7	931.5	884.5	960.9
<i>Of which:</i> Central government	873.0	870.4	753.3	739.1	790.3
Local government	58.1	64.6	69.2	61.3	60.0
Grants to central government	3.1	3.0	4.5	4.0	4.5
Total expenditure and net lending	934.4	1,188.9	1,330.8	1,454.4	1,161.9
Current expenditure	503.0	551.1	544.3	625.5	663.6
Central government	471.5	515.7	513.6	572.4	623.4
Local government	31.5	35.4	30.7	53.1	40.2
Capital expenditure	427.2	626.1	723.9	764.0	435.1
<i>Of which:</i> Central government	243.8	393.7	482.3	525.1	214.9
Local government	46.3	53.7	43.8	46.2	49.2
Net lending	4.2	11.7	62.6	65.0	63.2
Financing (net)	-126.3	152.2	394.8	565.9	196.5
External	15.8	14.8	63.2	106.0	40.5
Domestic	-142.1	137.4	331.6	459.9	156.0
Banking system	-143.9	166.4	238.8	247.0	7.8
Other	1.8	-29.0	92.8	212.9	148.2
(In percent of GDP)					
Public sector overall balance	2.8	-3.2	-8.4	-12.3	-4.1
Total revenue and grants	23.6	22.0	20.0	19.4	20.0
Total revenue	23.5	22.0	19.9	19.3	19.9
<i>Of which:</i> Central government	19.4	18.5	16.1	16.1	16.4
Local government	1.3	1.4	1.5	1.3	1.2
Grants to central government	0.1	0.1	0.1	0.1	0.1
Total expenditure and net lending	20.8	25.3	28.5	31.7	24.0
Current expenditure	11.2	11.7	11.6	13.6	13.7
Central government	10.5	11.0	11.0	12.5	12.9
Local government	0.7	0.8	0.7	1.2	0.8
Capital expenditure	9.5	13.3	15.5	16.7	9.0
<i>Of which:</i> Central government	5.4	8.4	10.3	11.4	4.4
Local government	1.0	1.1	0.9	1.0	1.0
Net lending	0.1	0.2	1.3	1.4	1.3
Financing (net)	-2.8	3.2	8.4	12.3	4.1
External	0.4	0.3	1.4	2.3	0.8
Domestic	-3.2	2.9	7.1	10.0	3.2
Banking system	-3.2	3.5	5.1	5.4	0.2
Other	0.0	-0.6	2.0	4.6	3.1

Sources: Derived from data provided by the Thai authorities; and Fund staff estimates.

Table 31. Thailand: Summary of the Central Government Tax System

Tax	Nature of Tax	Exemptions and Deduction	Rates
1. Taxes on income and profits 1.1 Taxes on companies (Revenue Code Act of 1938, last amended in 1999)	1.1 Taxes on companies are taxed based on the residing principle. b. Companies incorporated abroad are also subject to a withholding tax on income from Thailand in the form of dividends, property rights, rentals, interest, and fees for certain services. c. Foreign companies in the transportation sector. d. Nonprofit foundations and associations	a. Taxable net profits are determined after business expenses and depreciation allowances, ranging from 5% to 20% of original cost for most types of assets. For the purpose of encouraging investment, an initial depreciation of 40% of cost value for machinery and accessories is allowed. The depreciation may take up to the whole residual value at the final year. Net losses may be carried forward to five consecutive years. No allowance for carrying back losses to previous years. 50% of intercorporate dividends are exempt. For holding companies and companies listed in SET, dividends are completely exempted, provided the shares are held 3 months prior to and after the receipt of dividends. b. Withholding tax is calculated on gross income.	a. General 30%. For BEFs: 10%. b. Withholding tax is 15% except on dividends which are taxed at 10%, same as interest paid to the financial institutions in the treaty countries. c. 3% on passenger and freight transport. d. A tax of 10% is levied on gross revenue before deduction of any expenses. The computation of gross revenue does not include registration or subscription fees or any money or property received by way of donation

Table 31. Thailand: Summary of the Central Government Tax System (continued)

Tax	Nature of Tax	Exemptions and Deduction	Rates
1.2.1. Wages and salaries (Revenue Code Act of 1938, amended in 1997)	Residents are subject to tax on income Non-residents are subject to tax only on income from sources within Thailand. All tax payers file income tax return.	The following types of income are exempted: superannuation and insurance policies; gifts and bequests; proceeds from sales of movable property acquired through inheritance or for a purpose other than profit; income received from companies operating under the Promotion of Investment Act; prizes, awards, and lottery winnings; workers' compensation, insurance claims, medical benefits; income from rice farming; profits received from business already subject to individual income tax. Tax Allowances: Personal allowance B 30,000 Spouse allowance B 30,000 Child allowance B 15,000 (per child, not exceeding B 45,000 per family) Education allowance B 2,000 (per child) Contributions to life insurance Provident fund Mortgage interest Social Security Charitable contributions up to 10% of taxable income	Net income bracket 0 - B50,000 0% 50,001 - B100,000 5% B100,001 - B500,000 10% B500,001 - B1,000,000 20% B1,000,001 - B4,000,000 30% over B4,000,000 37% Gross income (for minimum tax) B60,000 or more 0.5%
1.2.2. Business income	Tax on employment and business income is imposed at progressive rates on net income (after deductions and allowances). But it cannot be less than the minimum tax on gross income.	Rental income: 40% of gross income or actual expenses Lawyers, doctors, etc.: 40% of or actual expenses All other business income: 40%-85% of gross income or actual expenses Exemptions are given on:	Same as above.
1.2.3. Interest income		a. Demand deposits with Government Savings Bank and savings deposits with cooperatives and the Bank for Agriculture and Agricultural Cooperatives.	Final withholding tax at a rate of 15%

Table 31. Thailand: Summary of the Central Government Tax System (continued)

Tax	Nature of Tax	Exemptions and Deduction	Rates
1.2.3. Interest income (continued)		b. Savings deposit with any banks in Thailand not exceeding B20,000. c. Two-year contractual saving deposits which are not exceeding B 600,000 Tax on dividends or share of profit received from domestic companies and mutual funds when the income earner does not claim a tax refund or tax credit.	
1.2.4. Tax on income from the sale of real estate	Tax on income from sale or transfer of immovable property, other than exempt.		Withholding tax at the rate of 10%. Full imputation system with personal income tax according to formula: $(\text{Dividends paid out}) \times (\text{Corporate income tax rate})$ (1 - Corporate income tax rate)
2. Social Security Contributions			Final withholding tax of a graduated rate structure with a maximum of 20% of sale price after deductions granted in accordance with the nature of the transfer and years of ownership.
Payroll tax	Taxes on wages of employees. Mandatory for employees in private firms with 10 or more workers.	A maximum of B15,000 per month is subject to tax.	Social security -employee: 1.0 percent -employer: 1.0 percent Pension and child allowance -employee: 2.0 percent -employer: 2.0 percent
3. Employers' Payroll or Manpower Taxes			
None			
4. Taxes on property	Transfer (whether by sale, gift, or succession at death) of real estate is taxed on the basis of the assessed value of the property.		2% of the assessed value; 0.5% if the transfer is made to parents, spouses, or children. (Temporarily reduce from 2% to 0.01% effective from July 11, 2000-Dec. 31, 2001)
4.1 Real estate transfer tax (Land Code Act of 1954, amended in 1973).			

Table 31. Thailand: Summary of the Central Government Tax System (continued)

Tax	Nature of Tax	Exemptions and Deduction	Rates
5. Taxes on goods and services 5.1 Value-Added Tax (Revenue Code Act of 1938, amended in 1991)	VAT replaced Business Tax on January 1, 1992. Ad valorem tax on goods and services are subject to VAT.	Exemptions include: - Business with annual turnover not more than B1,200,000 - Agricultural products and related inputs e.g., fertilizer, animal feed, medicine and chemicals - Newspaper magazines, textbooks - Education - Arts and crafts - Medical practices, auditing, legal practices and other professional services - Hospitals - Research or technical services - Library, museum, zoo - Labor contract - Sports (non-professional) - Acting, performance - Domestic transport - International transport (excluding air and sea transport) - etc.	Temporarily reduced from 10% to 7% effective from April 1, 1999-Sept 30, 2001 For export: 0%
5.2 Specific business tax	Specific business tax is imposed in lieu of VAT on the following businesses: - Banks - Finance companies - Life insurance companies - Pawn shops - Other business with similar operations as commercial banking - Sales of real estate - Stock exchange transactions - Other as decreed (e.g., Factoring)	Following businesses are exempted: - Bank of Thailand, Government Savings Bank, Government Housing Bank, BAAC, - International Finance Corporation of Thailand - Saving Cooperatives - Provident Fund - National Housing Authority - Exim Bank - Environmental Fund - Sale of stocks in SET - Others as decreed (e.g., securitization and real estate mutual fund)	- Banking and financial institutions = interest 3% earning = profit 3% - Life insurance = interest 2.5% = premiums 3% - Pawnshops 2.5% - Sale of commercial real estate 3% (temporarily reduced from 3% to 0.1% effective from July 5, 2000-Dec 31, 2001)

Table 31. Thailand: Summary of the Central Government Tax System (continued)

Tax	Nature of Tax	Exemptions and Deduction	Rates
5.3 Selective excises on goods (Liquor Act of 1950, Tobacco Act of 1966, Playing Cards Act of 1943, and Excise Tax Act of 1984)	Excises are levied on selected locally produced and imported goods, petroleum products, cigarettes, alcoholic beverages, non-alcoholic beverages, playing cards, electrical appliances, automobiles, crystal wares, yacht, perfumes, wool carpets, motor cycle, batteries, marble, horse racing course, and golf. The value of domestic goods is based on ex-factory price plus excise duty but sometimes the value is based on the price which Director General has published in the Royal Gazette from time to time. In the case of imported goods the value is based on CIF price plus import duty and excise duty.	- Diplomatic sales and sales of fuel to ships and international airlines are exempted. - Tax is refunded when an excisable item is exported. - Reduced tax rate for recycle batteries from 10% to 5%. - Marble is exempted. - Diesel sold in the connected territory area is exempted. - Diesel remained in regular tank of register fishing ships is exempted.	Specific rates. Most excisable goods are subject to specific or ad valorem rates, whichever is higher. 1. Petroleum and petroleum products 1.1 Gasoline a) Unleaded gasoline 3.6850 baht/litre b) Other gasoline 4.6850 baht/litre 1.2 Kerosene 3.055 baht/litre 1.3 Fuel for jet aircraft a) used directly in jet aircraft 1% or 0.20 baht/litre b) used for others 23% or 3 baht/litre 1.4 Diesel a) Diesel (sulfuric acid over 0.25%) 2.4050 baht/litre b) Diesel (sulfuric acid not over 0.25%) 2.0500 baht/litre 1.5 Liquefied Petroleum Gas (LPG) 2.17 baht/kg. 1.6 Natural Gas Liquid (NGL) 36% or 3.15 baht/litre 1.7 Fuel oil 5% 1.8 Petroleum product 12% 1.9 Hydrocarbon solvent 30% 2. Spirits 2.1 Fermented spirits a) Beer 55% or 100 baht/litre of pure alcohol b) Wine and Champagne 60% or 100 baht/litre of pure alcohol c) Other fermented liquors 25% or 100 baht/litre of pure alcohol 2.2 Distilled spirits a) Whiskey 45% or 240 baht/litre of pure alcohol b) Brandy 30% or 190 baht/litre of pure alcohol c) Other Spirits 45% or 240 baht/litre of pure alcohol 2.3 Absolute alcohol (over 80%) a) in general 10% or 240 baht/litre b) used for industries 2% or 1 baht/litre of pure alcohol c) used for medicine, pharmacy, science or pure alcohol with fuel 0.1% or 0.05 baht/litre of pure alcohol 2.4 White spirit 28% or 100 baht/litre of pure alcohol 2.5 Blended spirit 45% or 240 baht/litre of pure alcohol 2.6 Special blended spirit 45% or 240 baht/litre of pure alcohol

Table 31. Thailand: Summary of the Central Government Tax System (continued)

Tax	Nature of Tax	Exemptions and Deduction	Rates
			3. Tobacco 3.1 Shredded Tobacco 0.1% or 0.01 baht/10 gramme 3.2 Tobacco a) Cigarettes 75% b) Cigar 10% or 0.50 baht/gramme c) Other Rolled Tobacco 0.1% or 0.02 baht/5gramme d) Blended Shredded Tobacco 10% or 0.50 baht/gramme e) Chewing Tobacco 0.1% or 0.09 baht/gramme 4. Non alcoholic beverages 4.1 Soda water 25% or 0.77 baht/440 c.c. 4.2 Soft drink 20% or 0.37 baht/440 c.c. 4.3 Unfermented vegetable, or fruit juices 4% or 0.11 baht/440 c.c. 4.4 Unfermented Vegetable, or fruit juices : exempt if juice content is met by the Departmental Regulation 5. Electrical Appliances 5.1 Air conditioners (capacity not over 72,000 BTU/hour) 15% 5.2 Chandeliers 15% 6. Automobile 6.1 Passenger cars with the engine a) not over 2,400 c.c. 35% b) between 2,401 - 3,000 c.c. or having the power not over 220 H.P. 41% c) over 3,000 c.c. or having the power over 220 H.P. 48% 6.2 Off - Road Passenger Vehicle (OPV) 29% 6.3 Pick up Passenger Vehicle (PPV) 18% 6.4 Double cab 12% 6.5 Modified pickup 20% of modified value 6.6 Public transport cars seated not more than 10 person a) not over 2,400 c.c. 35% b) over 2,400 c.c. 41% 6.4 Pick- up a) specified characteristic by Director-General 3% b) others 18%

Table 31. Thailand: Summary of the Central Government Tax System (continued)

Tax	Nature of Tax	Exemptions and Deduction	Rates
5.4 Profits of fiscal monopolies 6. Taxes on international trade and transactions 6.1 Import duties (Customs Tariff Act of 1935, amended in 1987)	Central Government is recipient of the profits of the following fiscal monopolies: the Thai Tobacco Monopoly, the State Lottery, and the production of playing cards by the Excise Department. Ad valorem (on c.i.f. value) and/or specific duties are imposed on imports, classified according to the Harmonized System. In addition, special duties are levied on certain commodities.	None Exemption is granted to personnel of United Nations Organizations and of accredited diplomatic missions. Companies operating under the Promotion of Investment Act (#1301) are exempted on machinery, parts, accessories based on the Promotional zone and also there are other exemptions by granting the exemption on the import duty for machinery of those 61 promoted activities that the board considered as priority activities located in zone 1 and zone 2, and items to be re-exported. Also, they are granted reduction	7. Lead crystals 15% 8. Yachts 50% 9. Perfumes 15% 10. Wool carpets 20% 11. Motor cycle 3% 12. Batteries 12.1 Batteries 10% 12.2 recycle 5% 13. Marble : Exempt 14. Cards 14.1 Poker cards 30 baht/100 cards 14.2 Others 20 baht/100 cards 15. Service Places 15.1 Horse racing courses (from ticket fee for the horse-racing spectators and gain from horse-racing) 20% 15.2 Golf (from member fee and green fee) 20% Rates are negotiated between the Ministry of Finance and individual monopolies. The current tariff structure is undergoing a reform aiming to lower tariff barriers and reduce number of rates to 6 basic rates and 3 special rates as follows: - Special policy goods: 0% - Raw material: 1% - Primary goods and machinery: 5% - Intermediate goods: 10% - Finished goods: 20% - Highly protected goods: 30% - 60% - Passenger cars: 80 %

Table 31. Thailand: Summary of the Central Government Tax System (continued)

Tax	Nature of Tax	Exemptions and Deduction	Rates
6.1 Import duties (continued) (Customs Tariff Act of 1935, amended in 1987)		of up to 90 percent of the duty on raw materials for not more than one year. Re-exports of goods that have been imported within the preceding two years and have not undergone change in character or form are exempted. Companies operating under the Petroleum Act, and Industrial Authority of Thailand Act (bonded warehouses and export processing zones) are exempted. Crude oil, fertilizers, fish and fish products, jewelry, munitions of war, are zero rated. Duties on inputs used in the production of exports are refunded.	
6.2 Export taxes (Customs Tariff Act of 1935, amended in 1987)	Ad valorem or specific duties on exports.	Because of exporting promotion, most export taxes are exempted, except raw hides, and raw silk.	- Raw hides: B4-5/kg - Raw silk B100/kg
7. Other taxes			
7.1 Stamp duties (Revenue Code Act of 1938, amended in 1973)	Stamp duties are imposed on documents (government forms, legal contracts, and other instruments), on an ad valorem basis or per transaction.		Rates range from B1.0 per B1,000 (on lease of property, contractor's services, insurance policy, transfer of securities, arbitrator's award) to B100 (on articles of association of a limited company).
B. Local Governments 1. Municipality (Municipal Income Act of 1954), 2. Provincial Administrative Organization (Provincial Administration Organization Act of 1997), 3. Tambon Council and Tambon Administrative Organization, (Tambon Council and Tambon Administrative Organization Act of 1994), and 4. the special cities which are Bangkok Metropolitan Administration and City of Pataya (Bangkok Metropolitan Administration Act of 1985 and City of Pataya Administration Act of 1980)			

Table 31. Thailand: Summary of the Central Government Tax System (continued)

Tax	Nature of Tax	Exemptions and Deduction	Rates
1. Taxes on property			
4.1 Real estate taxes			
4.1.1 House and rent tax (House and Land Tax Act of 1932)	The house and rent tax is levied annually on buildings rented or used for other commercial purposes. The tax is allocated to all levels of local government.	Owner-occupied dwellings are exempted. Also exempted are buildings used by government agencies, public hospitals,	12.5 % of annual rent
4.1.2 Land development tax (Land Development Act of 1965)	The land development tax is levied annually on the value of unimproved land not subject to the house and rent tax. The tax is allocated to all levels of local government.	Land occupied by owner or used for annual crops is fully or partially exempted. A person who owns land in several provinces is allowed exemption only on land in one province, although his land holdings are taxed separately in each province. Land owned by government agencies, public hospitals, schools, public utilities, and religious organizations are also exempted	34 different rates ranging from B0.50 per rai with an assessed value of under B200 to B70 per rai with an assessed value of over B30,000 and B25 per rai for each additional B10,000 (one rai is equivalent to 0.16 hectare).
4.1.3 Real estate transfer tax (For Tambon Administration Organization)	Transfer (whether by sale, gift, or succession at death) of real estate is taxed on the basis of the assessed value of the property.		2% of the assessed value; 0.5% if the transfer is made to parents, spouses, or children.
2. Taxes on goods and services			
5.1 VAT surcharge	Surcharge on the VAT imposed by the Central Government (see A.5.1). The surcharge is collected by the Revenue Department and allocated to all levels of local government.		10 % of the total VAT. (Temporary VAT rate of 7% is inclusive of the local surcharge of 0.7%)
5.2 Specific Business Tax surcharge	Surcharge on specific business tax imposed by the Central Government. The surcharge is collected by the Revenue Department and allocated to all levels of local government.		5% of the total VAT collection in all of the provincial jurisdictions except for Bangkok 10% of the specific business tax

Table 31. Thailand: Summary of the Central Government Tax System (concluded)

Tax	Nature of Tax	Exemptions and Deduction	Rates
5.3 Surcharge on selected excises 1. Alcoholic and non-alcoholic beverages 2. Petroleum and petroleum products 3. Electrical appliances 4. Crystals 5. Automobiles 6. Yachts 7. Horse Racing courses 5.4 Profits of fiscal monopolies None 5.5 Taxes on specific services None 5.6 Taxes on use of goods and property, and permission to perform activities 5.6.1 Licenses and fees	Surcharge on selected excises imposed by the Central Government (See A.5.3). The surcharge is collected by the Excise Department and allocated to local governments. - Slaughtering, posting signboards, and various other activities, are subject to taxes and license fees, which are allocated to all levels of local government. - Bird nest, ground water, fishery, forestry, petroleum and mineral resources (For Tarbion Administration Organization) Motor vehicle (passenger cars, motorcycles and special vehicles; buses and trucks) are subject to an annual tax. The tax is collected by the Central Government (Inland Transport Department) and allocated to Bangkok Metropolitan Authority (BMA) for the amount collected in BMA area. The amount collected in other provinces are allocated to the local government in the following proportions: 25% to provinces; 50% to municipalities; and 25% to municipalities upgraded from sanitary districts.		10% of excise tax.
5.6.2 Motor vehicle tax (Motor Vehicle Act of 1979 Inland Transport Act of 1979)		Automobiles belonging to government departments and local authorities are exempted. Tractors used in agriculture, ambulances and automobiles belonging to Red Cross are also exempted.	Multiple For passenger cars carrying 7 passengers or less, the tax is based on cylinder capacity: B0.50 per cc for portion of the cylinder capacity under 600 cc. B1.50 per cc for the portion between 600 cc - 1,800 cc. B4.00 per cc for the portion over 1,800 cc. For passenger cars carrying more than 7 passengers, the fee is based on weight ranging from B150 to B3,600. For motorcycles, the fee is B100 per unit. For passenger cars registered for more than 5 years, the fee is reduced at a rate of 10% increments per year, e.g., 10% reduction is given on the 6th year, 20% reduction on the 7th year to 50% reduction after the 9th year.

Table 32. Thailand: Summary of the Local Government Tax System 1/

Tax	Nature of Tax	Exemptions and Deduction	Rates
1. Taxes on property			
1.1 Real estate taxes			
1.1.1 House and rent tax (House and Land Tax Act of 1932)	The house and rent tax is levied annually on buildings rented or used for other commercial purposes. The tax is allocated to all levels of local government.	Owner-occupied dwellings are exempted. Also exempted are buildings used by government agencies, public hospitals,	12.5 % of annual rent
1.1.2 Land development tax (Land Development Act of 1965)	The land development tax is levied annually on the value of unimproved land not subject to the house and rent tax. The tax is allocated to all levels of local government.	Land occupied by owner or used for annual crops is fully or partially exempted. A person who owns land in several provinces is allowed exemption only on land in one province, although his land holdings are taxed separately in each province. Land owned by government agencies, public hospitals, schools, public utilities, and religious organizations are also exempted.	34 different rates ranging from B0.50 per rai with an assessed value of under B200 to B70 per rai with an assessed value of over B30,000 and B25 per rai for each additional B10,000 (one rai is equivalent to 0.16 hectare).
1.1.3 Real estate transfer tax (For Tambon Administration Organization)	Transfer (whether by sale, gift, or succession at death) of real estate is taxed on the basis of the assessed value of the property.		2% of the assessed value; 0.5% if the transfer is made to parents, spouses, or children.
2. Taxes on goods and services			
2.1 VAT surcharge	Surcharge on the VAT imposed by the Central Government (see A.5.1). The surcharge is collected by the Revenue Department and allocated to all levels of local government.		10 % of the total VAT. (Temporary VAT rate of 7% is inclusive of the local surcharge of 0.7%) 5% of the total VAT collection in all of the provincial jurisdictions except for Bangkok
2.2 Specific Business Tax surcharge	Surcharge on specific business tax imposed by the Central Government. The surcharge is collected by the Revenue Department and allocated to all levels of local government.		10% of the specific business tax

1/ Local governments include: 1. Municipality (Municipal Income Act of 1954), 2. Provincial Administrative Organization (Provincial Administrative Organization Act of 1997), 3. Tambon Council and Tambon Administrative Organization (Tambon Council and Tambon Administrative Organization Act of 1994), and 4. the special cities which are Bangkok Metropolitan Administration and City of Pataya (Bangkok Metropolitan Administration Act of 1985 and City of Pataya Administration Act of 1986).

Table 32. Thailand: Summary of the Local Government Tax System (concluded)

Tax	Nature of Tax	Exemptions and Deduction	Rates
2.3 Surcharge on selected excises 1. Alcoholic and non-alcoholic beverages 2. Petroleum and petroleum products 3. Electrical appliances 4. Crystals 5. Automobiles 6. Yachts 7. Horse Racing courses 2.4 Profits of fiscal monopolies None 2.5 Taxes on specific services None 2.6 Taxes on use of goods and property, and permission to perform activities 2.6.1 Licenses and fees	Surcharge on selected excises imposed by the Central Government (See A.5.3). The surcharge is collected by the Excise Department and allocated to local governments. - Slaughtering, posting signboards, and various other activities, are subject to taxes and license fees, which are allocated to all levels of local government. - Bird nest, ground water, fishery, forestry, petroleum and mineral resources (For Tambon Administration Organization) Motor vehicle (passenger cars, motorcycles and special vehicles; buses and trucks) are subject to an annual tax. The tax is collected by the Central Government (Inland Transport Department) and allocated to Bangkok Metropolitan Authority (BMA) for the amount collected in BMA area. The amount collected in other provinces are allocated to the local government in the following proportions: 25% to provinces; 50% to municipalities; and 25% to municipalities upgraded from sanitary districts.		10% of excise tax. Multiple
2.6.2 Motor vehicle tax (Motor Vehicle Act of 1979 Inland Transport Act of 1979)		Automobiles belonging to government departments and local authorities are exempted. Tractors used in agriculture, ambulances and automobiles belonging to Red Cross are also exempted.	For passenger cars carrying 7 passengers or less, the tax is based on cylinder capacity. B0.50 per cc for portion of the cylinder capacity under 600 cc. B1.50 per cc for the portion between 600 cc - 1,800 cc. B4.00 per cc for the portion over 1,800 cc. For passenger cars carrying more than 7 passengers, the fee is based on weight ranging from B150 to B3,600. For motorcycles, the fee is B100 per unit. For passenger cars registered for more than 5 years, the fee is reduced at a rate of 10% increments per year, e.g., 10% reduction is given on the 6th year, 20% reduction on the 7th year to 50% reduction after the 9th year.

Table 33. Thailand: Financial Survey, 1996-2001 1/

(In billions of baht)

	1996 Dec.	1997 Dec.	1998 Dec.	1999			2000			2001		
				Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Jan.
Net foreign assets	-301.3	-884.3	-121.1	124.2	281.5	432.6	520.6	552.8	604.3	735.7	887.7	951.0
Net domestic assets	5,309.3	6,054.0	5,750.9	5,483.1	5,327.0	5,211.1	5,198.1	5,170.7	5,121.8	5,096.5	5,084.7	5,057.5
Domestic credit	6,496.6	7,643.7	7,483.2	7,359.3	7,145.2	6,858.4	6,588.5	6,595.3	6,358.3	5,920.4	5,889.9	5,898.1
Government (net)	-515.1	-467.1	0.6	40.0	55.8	108.7	144.1	173.0	170.7	216.8	211.7	225.3
Claims on government	83.8	66.9	431.1	527.7	550	551.7	573.6	559.7	581.2	639.2	593.7	627.6
Government deposits	598.9	534.0	430.5	487.7	494.2	443	429.5	386.7	410.5	422.4	382	402.3
Nonfinancial public enterprises	222.9	265.4	280.4	290.5	297.2	317.7	315.6	339.8	341.4	356.9	344.3	343.3
Businesses and households	6,788.8	7845.4	7202.2	7,028.8	6792.2	6432	6128.8	6082.5	5846.2	5346.7	5333.9	5,329.5
Capital and other items	-1,187.3	-1,589.7	-1,732.3	-1,876.2	-1,818.2	-1,647.3	-1,390.4	-1,424.6	-1,236.5	-823.9	-805.2	-840.6
Capital accounts	-1,275.9	-1772.3	-2135.9	-2,297.9	-2263.5	-2222.7	-1972.8	-1896.6	-1738.5	-1607.6	-1619.7	-1,610.6
Other borrowings	-192.3	-211.2	-221.4	-201.6	-202	-201.8	-217	-215.1	-217.2	-220.3	-224.7	-228.3
Other items net	280.9	393.8	625	623.3	647.3	777.2	799.4	687.1	719.2	1004.0	1039.2	998.3
Liquid liabilities (M3)	5,008.0	5,169.7	5,629.8	5,607.3	5,608.5	5,643.7	5,718.7	5,723.5	5,726.1	5,832.2	5,972.4	6,008.5
Currency	302.3	331.7	315.7	310.8	302.6	319.3	466.1	369.6	350.1	358.3	401.7	391.1
Demand deposits	91.2	77	85.8	83.5	85.2	94.8	89.8	105.4	100.6	110.9	105.5	117.8
Saving, time, and other deposits	3,574.4	4298	4772	4,793.4	4811.6	4837.5	4807.4	4897.2	4921.8	5042.5	5161.7	5,196.4
Promissory notes	1,040.1	463	456.3	419.6	409.1	392.1	355.4	351.3	353.6	320.5	303.5	303.2

Source: Data provided by the Thai authorities.

1/ Consolidated balance sheets of the Bank of Thailand, commercial banks, finance companies, and other state-owned financial institutions.

Table 34. Thailand: Bank and Finance Company Survey, 1996-2001 1/

(In billions of baht)

	1996		1997		1998		1999				2000				2001	
	Dec.		Dec.		Dec.		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Feb.	
Net foreign assets	-210.4		-681.6		26.1		262.6	414.9	575.2	646.2	675.1	719.7	851.1	1,002.6	1,101.5	
Net domestic assets	4,935.6		5,503.4		5,092.0		4,863.6	4,659.2	4,526.5	4,536.3	4,468.9	4,416.3	4,352.0	4,294.4	4,252.5	
Domestic credit	5,957.8		6,877.6		6,675.4		6,525.4	6,253.8	5,938.7	5,653.8	5,642.4	5,381.6	4,879.1	4,843.1	4,864.4	
Government (net)	-462.1		-424.9		30.3		54.6	20.9	62.7	88.3	117.3	124.3	144.5	153.2	181.9	
Claims on government	57.7		48.9		356.7		438.8	398.1	397.5	412.2	395.4	421.2	467.8	438.6	467.0	
Government deposits	519.8		473.8		326.4		384.2	377.2	334.8	323.9	278.1	296.9	323.3	285.4	285.1	
Nonfinancial public enterprises	175.6		197.8		192.3		196.8	198.8	203.8	201.8	209.7	198.4	199.3	175.3	175.1	
Businesses and households	6,244.3		7,104.7		6,452.8		6,274.0	6,034.1	5,672.2	5,363.7	5,315.4	5,058.9	4,535.3	4,514.6	4,507.4	
Capital and other items	-1,022.2		-1,374.2		-1,583.4		-1,661.8	-1,594.6	-1,412.2	-1,117.5	-1,173.5	-965.3	-527.1	-548.7	-611.9	
Capital accounts	-1,204.1		-1,691.3		-2,031.3		-2,177.1	-2,134.0	-2,090.6	-1,822.3	-1,742.8	-1,578.6	-1,448.0	-1,457.6	-1,455.7	
Other borrowings	-41.0		-44.2		-37.7		-28.5	-26.4	-27.8	-28.2	-31.1	-32.1	-32.2	-35.4	-33.4	
Other items net	222.9		361.3		485.6		543.8	565.8	706.2	733.0	600.4	645.4	953.1	944.3	877.2	
Liabilities (M2A)	4,725.2		4,821.8		5,118.1		5,126.2	5,074.1	5,101.7	5,182.5	5,143.9	5,136.0	5,203.1	5,297.0	5,354.0	
Currency	304.2		333.9		318.3		313.4	305.0	322	472.4	372.8	353.9	362.4	406.8	395.7	
Demand deposits	102.6		85.2		91.5		121.7	91.5	98.4	93.6	108	102.6	112.8	107.5	119.3	
Saving, time, and other deposits	3,278.3		3,897.1		4,251.9		4,271.6	4,268.5	4,289.3	4,261.1	4,311.8	4,325.9	4,407.3	4,479.1	4,534.6	
Promissory notes	1,040.1		505.6		456.4		419.5	409.1	392.0	355.4	351.3	353.6	320.6	303.6	304.4	

Source: Data provided by the Thai authorities.

1/ Consolidated balance sheet of the Bank of Thailand, commercial banks (including local lending by BIBFs), finance companies, and finance and securities companies.

Table 35. Thailand: Monetary Survey, 1996-2001

(In billions of baht)

	1996 Dec.	1997 Dec.	1998 Dec.	1999				2000				2001	
				Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	
Net foreign assets	-78.7	-559.1	68.7	293.6	440.3	602.9	672.7	700.6	745.8	878.9	1,030.1	1,173.5	
Assets	1,170.7	1,683.7	1,545.9	1,720.0	1,744.0	1,963.3	1,871.2	1,834.6	1,892.9	2,030.6	2,133.2	2,262.6	
Liabilities	1,249.4	2,242.8	1,477.2	1,426.4	1,303.7	1,360.4	1,198.5	1,134.0	1,147.1	1,151.7	1,103.1	1,089.1	
Net domestic assets	3,805.3	4,898.4	4,684.7	4,495.5	4,323.8	4,183.7	4,182.0	4,123.9	4,055.5	4,028.6	4,002.6	3,940.2	
Domestic credit	4,638.6	6,237.4	6,163.4	6,054.4	5,949.1	6,026.9	5,905.2	5,917.6	5,644.9	5,496.2	5,466.3	5,489.8	
Government (net)	-466.1	-426.4	-1.0	-2.0	3.5	45.3	65.1	94.0	99.1	118.4	130.0	159.4	
Claims on government	53.7	47.4	325.4	382.2	380.7	380.1	389.0	372.1	396.0	441.8	415.4	451.2	
Government deposits	519.8	473.8	326.4	384.2	377.2	334.8	323.9	278.1	296.9	323.4	285.4	291.8	
Nonfinancial public enterprises	130.7	171.3	183.5	185.1	189.5	200.8	199.1	206.1	195.5	195.1	172.1	172.9	
Businesses and households	4,689.6	5,730.9	5,301.1	5,338.9	5,246.9	5,176.5	5,016.0	4,991.1	4,755.6	4,223.2	4,213.2	4,223.2	
Other financial institutions	284.4	761.6	679.8	532.4	509.2	604.3	625.0	626.4	594.7	959.5	951.0	934.3	
Capital and other items	-833.3	-1,339.0	-1,478.7	-1,558.9	-1,625.3	-1,843.2	-1,723.2	-1,793.7	-1,589.4	-1,467.6	-1,463.7	-1,549.6	
Capital accounts	-977.9	-1,493.9	-1,881.7	-2,080.6	-2,173.2	-2,364.0	-2,175.5	-2,129.0	-1,987.0	-1,856.5	-1,876.4	-1,895.2	
Borrowing from other financial institutions	-96.1	-195.9	-251.4	-266.9	-292.8	-350.2	-394.9	-453.4	-412.4	-408.1	-363.2	-364.2	
Other items net	240.7	350.8	654.4	788.6	840.7	871.0	847.2	788.7	810.0	797.0	775.9	709.8	
Broad money (M2)	3,726.6	4,339.3	4,753.4	4,789.1	4,764.1	4,786.6	4,854.7	4,824.5	4,801.3	4,907.5	5,032.7	5,113.7	
Narrow money (M1)	423.7	428.8	441.8	458.1	429.2	431.9	575.0	495.0	463.1	483.5	525.7	533.5	
Currency	304.3	334.0	318.3	313.4	305.1	322.0	472.4	372.8	353.9	362.4	406.8	399.6	
Deposits	119.4	94.8	123.5	144.7	124.1	109.9	102.6	122.2	109.2	121.1	118.9	133.9	
Quasi-money	3,302.9	3,910.5	4,311.6	4,331.0	4,334.9	4,354.7	4,279.7	4,329.5	4,338.2	4,424.0	4,507.0	4,580.2	
Savings deposits	743.7	755.2	851	928.1	972.9	1049.7	995.3	1,085.9	1,070.6	1,155.3	1,219.5	1,320.1	
Time deposits	2,546.4	3,102.1	3,412.5	3,344.1	3,299.8	3,247.5	3,223.0	3,179.3	3,207.1	3,204.5	3,220.4	3,191.7	
Other deposits	12.8	53.2	48.1	58.8	62.2	57.5	61.4	64.3	60.5	64.2	67.1	68.4	

Source: Data provided by the Thai authorities.

Table 36. Thailand: Changes in Monetary Survey Aggregates, 1996–2001

	1996 Dec.	1997 Dec.	1998 Dec.	1999			2000			2001		
				Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.
(Contribution to change over previous period in the stock of broad money, in percentage points)												
Net foreign assets	-2.5	-12.9	14.5	15.6	16.1	14.4	12.7	8.5	6.4	5.8	7.4	9.8
Net domestic assets	15.0	29.3	-4.9	-7.0	-10.3	-12.4	-10.6	-7.8	-5.6	-3.2	-3.7	-3.8
Domestic credit	17.1	42.9	-1.7	2.9	-4.9	-1.2	-5.4	-2.9	-6.4	-11.1	-9.0	-8.9
Of which: Government (net)	-2.2	1.1	9.8	9.4	6.4	5.6	1.4	2.0	2.0	1.5	1.3	1.4
Of which: Businesses and households	18.1	27.9	-9.9	-2.6	-6.2	-4.6	-6.0	-7.3	-10.3	-19.9	-16.5	-15.9
Capital and other items	-2.1	-13.6	-3.2	-9.9	-5.4	-11.2	-5.1	-4.9	0.8	7.8	5.3	5.1
Broad money	12.6	16.4	9.5	8.6	5.8	2.1	2.1	0.7	0.8	2.5	3.7	6.0
Narrow money	1.1	0.1	0.3	1.2	1.1	0.9	2.8	0.8	0.7	1.1	-1.0	0.8
Quasi-money	11.5	16.3	9.2	7.4	4.8	1.2	-0.7	0.0	0.1	1.4	4.7	5.2
Memorandum items:												
Income velocity 1/	1.24	1.09	0.97	...	...	...	0.95	...	...	...	0.97	...
Money multiplier 2/	8.23	9.15	10.00	9.79	11.02	11.22	7.81	9.69	10.67	10.25	9.55	10.0

Source: Data provided by the Thai authorities.

1/ Ratio of annual GDP to broad money at end-year.

2/ Ratio of broad money to reserve money.

Table 37. Thailand: Accounts of the Bank of Thailand, 1996-2001 1/
(In billions of baht, end of period)

	1996		1997		1998		1999				2000				2001	
	Dec.		Dec.		Dec.		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	
Net foreign assets	990.6		935.9		672.3		701.5	719.2	805.4	822.9	739.1	764.9	837.4	875.6	932.4	
Assets	990.7		1,274.3		1,083.4		1,126.2	1,157.9	1,326.1	1,303.3	1,220.5	1,257.4	1,361.4	1,413.2	1,445.9	
Liabilities	-0.1		-338.4		-411.1		-424.7	-438.7	-520.7	-480.4	-481.4	-492.5	-524.0	-537.6	-513.5	
Net domestic assets	-537.7		-461.8		-197.0		-212.4	-286.9	-378.8	-201.1	-241.4	-315.0	-358.5	-348.4	-419.9	
Government (net)	-308.2		-251.5		74.1		81.1	69.1	63.0	58.2	57.5	52.4	24.4	63.2	74.5	
Claims on Government	17.2		14.5		152.9		217.5	174.3	132.9	120.7	95.1	88.6	93.2	88.3	106.6	
Government deposits	-348.0		-296.5		-108.0		-171.9	-134.7	-99.8	-110.7	-71.5	-67.9	-100.2	-53.9	-66.8	
Government currency holdings	6.3		13.2		11.4		17.5	11.1	11.2	29.2	13.9	11.6	11.0	8.1	13.4	
Treasury coin issue	16.3		17.3		17.8		18.0	18.4	18.7	19.0	20.0	20.1	20.4	20.7	21.3	
Claims on nonfinancial public enterprises	17.2		71.4		75.0		73.7	70.3	65.7	64.0	60.9	58.9	55.6	48.3	42.6	
Claims on commercial banks (net)	26.5		276.3		139.6		242.1	140.4	60.7	78.9	71.7	69.3	91.5	58.8	9.2	
Claims on other financial institutions (net)	36.7		42.5		-66.8		-60.9	-54.1	-67.2	54.3	13.3	3.0	22.7	63.5	68.2	
Capital and other items	-309.9		-600.5		-418.9		-548.4	-512.6	-501.0	-456.5	-444.8	-498.6	-552.7	-582.2	-614.4	
Other assets	54.6		164.4		419.2		402.1	439.2	555.6	544.6	535.1	539.2	547.4	557.2	535.1	
Capital accounts	-377.8		-803.2		-814.0		-944.8	-933.9	-1,115.0	-1,013.2	-974.2	-1,044.6	-1,129.4	-1,159.7	-1,159.9	
Other liabilities	13.3		38.3		-24.1		-5.7	-17.9	58.4	12.1	-5.7	6.8	29.3	20.3	10.4	
Reserve money	452.9		474.1		475.3		489.1	432.3	426.6	621.8	497.7	449.9	478.9	527.2	512.5	
Currency	365.6		387.7		365.4		351.8	344.1	361.0	558.2	413.9	394.5	405.5	467.0	447.0	
Held by commercial banks	61.3		53.8		47.1		38.4	39.0	39.0	85.7	41.1	40.6	43.1	60.1	47.3	
Held by businesses and households	302.3		331.6		315.7		310.8	302.4	319.3	467.4	369	350.2	358.9	401.6	395.1	
Held by other financial institutions	2.0		2.3		2.6		2.6	2.7	2.7	5.1	3.8	3.7	3.5	5.3	4.6	
Deposits	87.3		86.4		109.9		137.3	88.2	65.6	63.6	83.8	55.4	73.4	60.2	65.5	
Held by commercial banks	74.0		78.2		80.3		114.7	55.8	54.5	55.3	71.4	50.1	66.9	54.1	60.0	
Held by other financial institutions	10.7		5.4		28.8		21.7	31.4	9.2	6.7	11.5	4	4.7	4.5	4.1	
Held by other domestic sectors	2.6		2.8		0.8		0.9	1.0	1.9	1.6	0.9	1.3	1.8	1.6	1.4	

Source: Data provided by the Thai authorities.

1/ At current exchange rates.

Table 38. Thailand: Changes in the Accounts of the Bank of Thailand, 1996-2001

(Twelve-month change as percent of the stock of reserve money)

	1996 Dec.	1997 Dec.	1998 Dec.	1999			2000			2001		
				Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.
Net foreign assets	14.6	-12.1	-55.6	-3.9	-1.3	31.5	31.7	7.7	10.6	7.5	8.5	38.8
Net domestic assets	-2.6	16.8	55.9	13.2	2.5	-34.6	-0.9	-5.9	-6.5	4.8	-23.7	-35.9
Government (net)	-2.3	12.5	68.7	69.5	36.9	31.3	-3.3	-4.8	-3.9	-9.0	0.8	3.4
Claims on nonfinancial public enterprises	2.2	12.0	0.8	-0.2	-0.9	-2.3	-2.3	-2.6	-2.6	-2.4	-2.5	-3.7
Claims on commercial banks (net)	-1.2	55.2	-28.8	10.3	-12.5	-27.3	-12.8	-34.8	-16.4	7.2	-3.2	-12.6
Claims on other financial institutions (net)	2.3	1.3	-23.1	3.8	3.4	11.5	25.5	15.2	13.2	21.1	1.5	11.0
Capital and other items	-3.5	-64.2	38.3	-70.3	-24.4	-47.8	-7.9	21.2	3.2	-12.1	-20.2	-34.1
Reserve money	12.0	4.7	0.3	9.2	1.1	-3.0	30.8	1.8	4.1	12.3	-15.2	3.0
Currency held by nongovernment	10.0	4.9	-4.7	0.0	3.3	6.6	40.6	12.7	11.7	10.4	-14.7	6.7
Deposits held by nongovernment	2.0	-0.2	5.0	9.2	-2.2	-9.6	-9.7	-10.9	-7.6	1.8	-0.5	-3.7

Source: Data provided by the Thai authorities.

Table 40. Thailand: Assets and Liabilities of Commercial Banks, 1996-2001

(In billions of baht)

	1996		1997		1998		1999			2000			2001		
	Dec.		Dec.		Dec.		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.
Total assets	5,717	7,428	7,165	7,334	7,200	7,301	6,973	6,996	6,752	6,684	6,640	6,880			
Cash and claims on the Bank of Thailand	183	466	502	453	394	369	238	232	206	271	268	321			
Claims on commercial banks	41	36	15	36	30	56	46	70	54	65	53	69			
Claims on other financial institutions	214	331	173	137	117	201	234	224	208	527	512	511			
Foreign assets	180	409	463	594	586	637	568	614	635	669	720	817			
Claims on government 1/	20	16	155	147	188	229	249	257	287	328	306	323			
Claims on nonfinancial public enterprises	113	100	109	112	119	135	135	145	137	140	124	130			
Claims on businesses and households	4,688	5,730	5,300	5,337	5,245	5,175	5,015	4,990	4,754	4,222	4,212	4,222			
Other	278	340	450	518	521	500	489	465	471	462	445	487			
Total liabilities	5,717	7,428	7,165	7,334	7,200	7,301	6,973	6,996	6,752	6,684	6,640	6,880			
Credit from the Bank of Thailand	54	313	155	158	54	29	48	39	39	63	26	34			
Liabilities to commercial banks	37	31	27	42	27	54	39	56	37	52	37	62			
Borrowings from other financial institution	192	229	229	323	306	303	264	292	245	270	246	284			
Total deposits of nongovernment sector	3,270	3,860	4,201	4,209	4,213	4,260	4,233	4,303	4,311	4,400	4,491	4,576			
Demand deposits	87	73	84	81	83	90	87	103	98	106	102	117			
Savings deposits	716	730	789	858	904	963	948	1,040	1,030	1,106	1,169	1,265			
Time deposits	2,455	3,005	3,281	3,211	3,168	3,149	3,137	3,097	3,124	3,125	3,154	3,127			
Foreign currency deposits	12	50	45	57	58	57	60	62	59	62	65	66			
Marginal deposits	1	2	3	1	1	1	1	1	1	1	1	1			
Foreign liabilities	1,249	1,904	1,066	1,002	865	840	718	653	655	628	566	576			
Liabilities to government	178	191	230	230	254	246	242	221	241	234	240	238			
Local government deposits	33	27	32	33	39	35	30	31	32	30	26	25			
Capital account	604	691	1,068	1,136	1,239	1,249	1,162	1,155	942	727	717	735			
Other	101	183	158	202	203	285	237	248	251.2	279.6	293.2	351			

Source: Data provided by the Thai authorities.

1/ Includes claims on local government, which were zero, except for September 1996 (B 0.5 billion).

Table 41. Thailand: Bills, Loans, and Overdrafts of Commercial Banks,
Classified by Purpose, 1996-2000 1/

	(In billions of baht)				
	1996	1997	1998	1999	2000
Total	4,855.6	6,059.9	5,238.6	5,132.8	4,606.3
Agriculture	164.0	161.7	146.6	135.0	120.6
Mining	24.5	36.0	32.2	29.4	21.9
Manufacturing	1,313.5	1,872.3	1,606.3	1,543.1	1,321.0
Construction	236.3	273.1	246.8	223.2	163.1
Real estate business	426.1	490.5	506.1	514.3	339.7
Imports	146.4	174.4	192.5	196.1	142.1
Exports	196.1	218.9	174	155.4	127.1
Wholesale and retail trade	870.2	1,037.8	867.5	787.4	656.9
Public utilities	142.8	197.1	189.7	204.4	220.9
Banking and other financial business	345.3	487.5	263.4	392.1	668.0
Services	377.8	458.0	418.6	385.3	313.4
Personal consumption	612.6	652.6	594.9	567.1	511.6

Source: Data provided by the Thai authorities.

1/ Including interbank and BIBF transactions.

Table 42. Thailand: BIBF Out-In Operations, 1996-2001 1/

	1996	1997	1998	1999	2000	2001 2/
(In billions of baht)						
Thai banks						
Sources of funds	331.1	508.2	149.1	109.4	64.0	57.7
Maturities of less than one year	0.0	51.8	34.2	11.0	16.5	5.4
Maturities of one year or more	331.1	456.4	114.9	98.4	47.5	52.3
Memo item: Inter-office borrowing	327.9	528.2	149.1	109.2	63.5	57.1
Uses of funds	330.0	513.2	213.5	100.1	62.2	57.2
Maturities of less than one year	101.9	96.7	11.1	10.1	3.2	2.6
Maturities of one year or more	228.1	416.5	202.4	90	59	54.6
Foreign bank branches						
Sources of funds	223.7	670.9	421.2	314.8	239.5	221.8
Maturities of less than one year	104.3	320.1	145.4	66.7	53.6	57.6
Maturities of one year or more	119.4	350.8	275.8	248.1	185.9	164.2
Memo item: Inter-office borrowing	112.4	359.4	280.7	282.0	213.8	203.4
Uses of funds	222.8	691.5	431.9	304.2	253.1	240.0
Maturities of less than one year	138.3	254.1	190.7	128.6	105.3	85.1
Maturities of one year or more	84.5	437.4	241.2	175.6	147.8	154.9
Other BIBF units						
Sources of funds	252.0	201.1	119.3	77.7	61.1	63.6
Maturities of less than one year	150.9	102.3	42.5	33.2	0.0	4.8
Maturities of one year or more	101.1	98.8	76.8	44.5	61.1	58.8
Memo item: Inter-office borrowing	59.0	86.0	57.7	68.9	60.9	63.2
Uses of funds	254.6	206.9	121.6	82.8	71.7	73.8
Maturities of less than one year	143.1	94.5	46.6	31.4	21.9	27.8
Maturities of one year or more	111.5	112.4	75	51.4	49.8	46
Purpose of lending						
Agriculture	6.2	9.3	4.2	2.5	1.3	1.1
Mining	9.9	21.5	12.4	10.3	5.6	5.2
Manufacturing	390.5	735.3	459	287.9	220.5	205.6
Exports	18.7	28.3	15.6	10.3	7.4	7.2
Wholesale trade in agricultural products	2.3	4.0	0.6	0.7	0.7	0.7
Services for entertainments	3.2	4.1	1.5	1.4	0.8	0.8
Import of luxury goods	2.5	4.9	2.2	0.1	0.0	0.0
Personal consumption	2.2	0.8	0.4	0.5	1.2	1.3
Luxury resident condominium	17.6	20.0	8.1	4.2	2.4	2.4
Construction	21.5	33.9	14.7	10.4	8.5	8.0
Commerce	92.0	161.0	80.6	50.6	33.4	32.1
Banking and finance business	119.6	160.2	57.9	28.1	26.2	29.9
Real estate business	23.7	33.1	11.2	7.5	5.8	4.9
Public Utility	39.8	82.9	55.8	50.9	61.5	59.3
Hotel and restaurant	32.3	54.1	16.3	5.6	2.9	2.2
General housing finance	0.1	0.1	0	0	0.0	0.0
Others	25.2	58.1	25.1	16.1	8.8	8.5
Total	807.4	1,411.4	765.6	487.1	387.0	369.2

Source: Data provided by the Thai authorities.

1/ Sources and uses of funds in this table represent foreign borrowing and lending only to residents, i.e., they do not include all sources and funds of BIBF operations.

2/ Data on maturities are through March; data on purpose of lending are through February.

Table 43. Thailand: Loans and Interest Rates in
Interbank Markets, 1998–2001

	Outstanding loans 1/ (In billions of baht)	Interest rates 2/ (percent per annum)
1998		
January	34.69	21.51
February	35.47	19.83
March	34.16	20.57
April	32.50	19.11
May	21.27	16.40
June	26.89	18.58
July	32.23	11.72
August	29.36	9.81
September	35.29	7.17
October	58.23	5.35
November	61.49	3.55
December	46.52	2.63
1999		
January	71.32	2.73
February	60.88	3.09
March	47.97	2.25
April	62.67	1.65
May	66.69	1.45
June	32.24	1.33
July	74.14	1.47
August	63.91	1.36
September	53.70	1.71
October	51.14	1.65
November	49.35	1.35
December	28.18	1.23
2000		
January	58.70	1.55
February	70.63	2.02
March	60.55	2.63
April	61.23	1.98
May	65.10	1.76
June	43.72	2.19
July	61.47	2.32
August	61.08	1.66
September	57.01	1.86
October	55.22	1.89
November	50.77	1.80
December	34.18	1.70
2001		
January	72.18	2.01
February	79.29	1.55
March	65.89	1.47
April	73.02	...

Source: Data provided by the Bank of Thailand.

1/ Previous to 2000, data were collected only from a limited number of commercial banks and via telephone calls, 5:30 p.m. cut-off time. Starting in 2000, the data coverage is broader.

2/ Interbank rates are reported as the monthly average overnight rate.

Table 44. Thailand: Operations of Finance Companies, 1996-2000

(In billions of baht)

	1996 Dec.	1997 Dec.	1998 Dec.	1999			2000				
				Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Assets											
Credit to the private sector	1,824	1,637	1,503	1,272	1,131	869	733	696	677	686	668
Investments (government and private securities)	1,488	1,283	1,120	925	767	549	498	483	463	477	450
Lending under repurchase agreement	220	178	121	130	110	84	92	88	96	107	111
Cash and balance at the Bank of Thailand	8	35	69	45	58	79	39	52	54	23	9
Cash balance at banks	8	6	5	3	3	3	1	1	1	1	2
Cash balance at other financial institutions	17	11	50	43	65	47	23	17	13	27	46
Foreign assets	0	1	0	0	0	0	0	0	0	0	0
Other	1	1	1	1	1	0	0	0	0	0	1
	82	122	137	125	127	107	80	55	50	51	49
Liabilities											
Borrowing under repurchase agreement	1,824	1,637	1,503	1,272	1,131	869	733	696	677	686	668
Borrowing	12	20	3	3	8	8	6	6	2	4	1
Bank of Thailand	1,484	1,335	1,239	1,053	1,031	1,027	969	969	974	982	977
Domestic Commercial Banks	18	429	559	439	438	445	434	434	432	402	363
Foreign liability	148	144	106	107	103	105	98	97	96	146	191
Private sector	133	123	43	32	26	28	26	26	26	28	29
Others	1,081	550	500	453	440	424	388	387	391	358	344
Capital accounts	104	89	31	22	24	25	23	25	29	48	50
Others	226	198	149	96	-39	-274	-353	-386	-408	-409	-418
	102	84	112	120	131	108	111	107	109	109	108

Source: Data provided by the Thai authorities.

Table 46. Thailand: Interest Rate Structure, 1996-2001

(In percent per annum; end-of-period)

	1996 Dec.	1997 Dec.	1998 Dec.	1999			2000			2001	
				Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Government securities											
Average repurchase rates (7 days)	11.01	22.36	3.75	2.15	1.0	0.94	0.94	1.53	1.35	1.28	1.31
Bank of Thailand											
Bank rate (loan rates)	10.50	12.50	12.5	7.0	5.5	4.0	4.0	4.0	4.0	4.0	4.0
Commercial banks											
Interbank lending rates 1/	9.66	21.73	2.63	2.25	1.33	1.71	1.23	2.63	2.19	1.86	1.70
Minimum overdraft rates 2/	13.25-13.50	15.75-16.00	12.00-12.75	10.00-10.75	9.25-9.75	9.00-9.25	8.50-8.75	8.50-9.00	8.50-9.00	8.00-8.75	8.00-8.75
Minimum loan rates 2/	13.00-13.25	15.25	11.50-12.00	9.50-10.00	8.75-9.00	8.50-8.75	8.25-8.50	8.00-8.50	8.00-8.50	7.50-8.25	7.50-8.25
Saving deposits 2/	5.00	5.00	4.5	4.5	4.0	3.63	3.0	2.75	2.75	2.5	2.5
3-6 months time deposit	8.75-9.75	10.00-11.50	6.0	5.0	4.75	4.37	3.75	3.5	3.5	3.0	3.0
Government Savings Banks 3/											
Savings deposits	4.75-5.00	4.75-5.00	4.25-4.50	2.75-3.75	1.75-3.00	1.00-2.50	1.00-2.13	0.75-1.88	0.75-1.88	0.75-1.75	0.75-1.75
6 months time deposits	8.88-9.38	10.50-11.00	5.50-6.00	4.50-5.00	4.50-4.88	3.00-4.13	3.00-3.63	3.00-3.50	3.00-3.50	2.75-3.13	2.75-3.13
Finance companies											
Three-month borrowing rate	9.50-12.25	12.25-15.50	5.50-7.50	5.00-8.50	4.50-8.50	2.25-6.00	2.00-5.50	2.00-5.50	2.00-5.50	2.00-5.50	1.75-5.50
Minimum loan rate	13.70	17.33	17.09	16.0	15.91	13.58	12.81	12.33	11.57	11.58	10.96

Source: Data provided by the Thai authorities.

1/ Weighted average.

2/ As offered by four big commercial banks.

3/ Higher rates applicable to private deposits and lower rates to government deposits.

Table 45. Thailand: Lending of Finance Companies, Classified by Purpose, 1996-2000

(In billions of baht)

	1996	1997	1998	1999			2000				
	Dec.	Dec.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Total lending	1,488.2	531.8	465.3	263.6	254.0	243.6	185.8	179.6	162.6	163.1	145.4
Agriculture, forestry, mining	15.0	5.8	5.4	1.7	1.9	2.1	1.8	1.7	2.2	2.1	1.8
Manufacturing	228.5	111.4	98.6	52.9	52.2	50.4	35.4	35.3	30	29.4	24.3
Construction	56.6	15.3	14.1	7.0	6.9	6.2	4	3.9	3.3	3.1	2.6
Real estate business	362.8	124.0	117.4	59.6	58.4	55.3	41.5	40.3	36.6	34.4	28.6
Imports	26.6	7.7	7.2	4.0	4.0	3.8	3.3	3.2	2.8	2.4	2.1
Exports	12.4	6.3	5.2	2.5	2.6	2.5	2	1.8	1.6	1.5	2
Wholesale and retail trade	121.0	42.2	36.6	17.2	16.3	16.9	12.8	12.3	10.3	10.2	8.6
Public utilities and services	123.0	54.0	53.0	32.0	31.4	31.3	25	24.2	22.1	20.8	20.4
Banking and other financial institutions	157.4	61.8	51.3	30.1	24.4	23.1	16	15	11.2	14.6	13.4
Personal consumption	384.9	103.3	76.5	56.6	55.9	52.0	44	41.9	42.5	44.6	41.6

Source: Data provided by the Thai authorities.

Table 47. Thailand: Interest Rate Differentials and Forward Discount, 1998–2001
(In percent per annum at end-period)

	Eurodollar Rate	Domestic Interest Rate 1/	Uncovered Differential 2/	Forward Premium (+) or Discount (-) 3/
1998				
January	5.52	23.43	17.36	-9.58
February	5.52	21.34	15.27	-8.00
March	5.56	21.74	15.62	-8.49
April	5.52	19.46	13.39	-10.08
May	5.52	16.37	10.30	-9.53
June	5.54	17.77	11.68	-10.47
July	5.55	14.35	8.25	-3.18
August	5.56	11.34	5.22	-3.92
September	5.47	8.35	2.33	-0.46
October	5.24	7.26	1.50	-0.39
November	5.14	6.56	0.91	0.20
December	5.43	5.54	-0.43	0.49
1999				
January	5.03	4.86	-0.67	1.48
February	4.89	4.57	-0.81	0.55
March	4.90	4.04	-1.35	2.23
April	4.85	3.36	-1.98	1.68
May	4.84	3.07	-2.25	2.42
June	4.99	2.81	-2.68	2.30
July	5.15	2.73	-2.94	2.71
August	5.28	2.46	-3.35	2.86
September	5.38	2.44	-3.48	2.70
October	5.41	2.44	-3.51	2.83
November	5.58	2.44	-3.7	3.80
December	6.40	2.44	-4.60	1.61
2000				
January	5.80	0.79	-5.59	2.41
February	5.88	0.72	-5.75	2.25
March	6.03	1.06	-5.57	2.06
April	6.14	1.21	-5.55	3.57
May	6.55	1.10	-6.11	4.07
June	6.64	1.11	-6.20	3.86
July	6.63	1.31	-5.98	3.90
August	6.62	1.17	-6.11	3.97
September	6.62	1.20	-6.09	3.97
October	6.62	1.26	-6.02	3.82
November	6.64	1.04	-6.26	2.19
December	6.69	1.23	-6.13	3.91
2001				
January	5.88	1.44	-5.02	2.23
February	5.53	1.17	-4.91	2.78
March	5.12	1.13	-4.50	2.58
April	4.82	1.13	-4.18	2.20

Source: Data provided by the Thai authorities.

1/ Monthly average overnight interbank rate.

2/ Domestic interest rate minus Eurodollar rate (adjusted for 10 percent withholding tax).

3/ End-month.

Table 48. Thailand: Flow of Credit from the Monetary System and Net Capital
Inflow to Private and Public Enterprises, 1996-2001
(In billions of baht)

	1996	1997	1998	1999				2000				2001	
				I	II	III	IV	I	II	III	IV		
Total credit	992.7	1,510.6	-583.1	-140.1	-142.8	13.1	-157.9	-427.7	-58.5	-348.5	-161.8	-57.0	-19.7
Private businesses	955.5	1,463.3	-616.0	-143.5	-159.5	1.0	-162.1	-464.1	-86.1	-301.9	-167.6	-12.0	-16.3
Public enterprises	37.2	47.3	32.9	3.4	16.7	12.1	4.2	36.4	27.6	-46.6	5.8	-45.0	-3.4
Financial	20.9	6.8	13.1	-5.0	-6.4	-6.6	3.8	-14.2	3.3	-20.0	0.0	-7.5	-3.0
Nonfinancial	16.3	40.5	19.8	8.4	23.1	18.7	0.4	50.6	24.3	-26.6	5.8	-37.5	-0.4
Credit from banking system	642.6	1,561.5	-503.3	-108.7	-110.8	34.7	-141.4	-326.2	-16.8	-278.1	-169.2	-41.4	-0.9
(increase)													
Private businesses	621.7	1,515.9	-495.5	-103.5	-107.0	17.7	-151.8	-344.6	-29.7	-247.9	-170.3	-15.4	1.1
Public enterprises	20.9	45.6	-7.8	-5.2	-3.8	17.0	10.4	18.4	12.9	-30.2	1.1	-26.0	-2.0
Financial	7.0	5.1	-19.9	-6.9	-8.3	5.8	12.1	2.7	5.8	-19.5	1.5	-3.0	-2.8
Nonfinancial	13.9	40.5	12.1	1.7	4.5	11.2	-1.7	15.7	7.1	-10.7	-0.4	-23.0	0.8
Foreign credit (net inflow)	350.1	-50.9	-79.8	-31.4	-32.0	-21.6	-16.5	-101.5	-41.7	-70.4	7.4	-15.6	-18.8
Private businesses	333.8	-52.6	-120.5	-40.0	-52.5	-16.7	-10.3	-119.5	-56.4	-54.0	2.7	3.4	-17.4
Public enterprises	16.3	1.7	40.7	8.6	20.5	-4.9	-6.2	18.0	14.7	-16.4	4.7	-19.0	-1.4
Financial	13.9	1.7	33.0	1.9	1.9	-12.4	-8.3	-16.9	-2.5	-0.5	-1.5	-4.5	-0.2
Nonfinancial	2.4	0.0	7.7	6.7	18.6	7.5	2.1	34.9	17.2	-15.9	6.2	-14.5	-1.2

Source: Data provided by the Thai authorities.

Table 49. Thailand: Foreign Investor Participation in the Securities Exchange of Thailand, 1996–2001

	1996	1997	1998	1999				2000				2001		
				I	II	III	IV	I	II	III	IV			
Turnover involving foreign investors														
In billions of baht	900.9	804.2	592.1	157.6	340.7	278.8	169.8	946.9	292.2	127.0	108.4	97.0	594.63	187.3
In percent of total turnover	34.6	43.3	34.6	35.3	26.7	30.3	29.6	29.4	32.8	36.8	36.0	24.2	32.19	18.2
Net purchases by foreign investors	12.3	55.4	30.2	-1.7	13.5	-13.5	-1.4	-3.1	-17.1	-11.0	-3.8	-1.2	-33.1	-1.4
Purchases (in billions of baht)	456.6	429.8	311.1	78.0	177.1	132.7	84.2	471.9	122.6	58.0	52.3	47.9	280.78	93.0
Sales (in billions of baht)	444.3	374.4	280.9	79.7	163.6	146.2	85.6	475.0	139.6	69.0	56.1	49.1	313.85	94.4

Source: Data provided by the Stock Exchange of Thailand.

Table 50. Thailand: Stock Market Indicators, 1996–2001

	1996	1997	1998	1999	2000	2001 1/
Number of quoted companies	454.0	431.0	418.0	392.0	381.0	381.0
Capitalization (billions of baht) 2/	2,559.6	1,133.3	1,268.2	2,193.1	1,279.2	1,408.8
Percent of GDP	55.4	23.9	27.4	47.5	26.1	...
New capital raisings (billions of baht) 2/	117.9	63.3	330.0	465.7	119.8	36.7
Trading value (billions of baht)	1,303.1	929.6	855.2	1,609.8	923.7	516.0
Percent of capitalization	50.9	82.0	67.4	73.4	72.2	36.6
Foreign/total turnover (percent) 3/	34.6	43.3	34.6	29.4	32.2	18.2
SET index (1975 = 100)	831.6	372.7	355.8	481.9	269.2	291.9
Percent change	-35.1	-55.2	-4.5	35.4	-44.1	-27.1
Average dividend yield (percent)	3.5	6.0	1.4	0.6	1.8	2.3
Average price/earnings ratio	12.0	6.6	10.0	14.7	5.5	5.2

Source: Data provided by the Thai authorities.

1/ Through March 2001.

2/ At market prices.

3/ Including transactions through sub-brokers.

Table 51. Thailand: Balance of Payments, 1995–2000

(In millions of U.S. dollars)

	1995	1996	1997	1998	1999	2000 Prel.
Current account balance	-13,234	-14,350	-3,110	14,291	12,465	9,208
Trade balance	-14,652	-16,148	-4,624	12,235	9,271	5,519
Exports, f.o.b.	55,731	54,667	56,725	52,878	56,800	67,942
Imports, c.i.f.	70,383	70,815	61,349	40,643	47,529	62,423
Of which: Oil	4,622	6,202	5,481	3,135	4,272	6,833
Services (net)	931	1,037	1,040	1,641	2,841	3,225
Receipts	18,664	20,995	19,528	16,547	17,748	17,123
Payments	17,733	19,958	18,488	14,906	14,907	13,898
Of which: Interest	4,194	5,202	5,558	5,479	4,513	3,824
Transfers (net)	487	761	474	415	353	464
Of which: Official	42	30	18	28	43	62
Capital movements (net)	21,949	19,504	-12,284	-14,674	-10,262	-9,925
Medium- and long-term	9,470	11,270	11,454	5,952	2,328	-2,062
Private sector	8,278	9,941	10,522	5,744	1,474	-1,593
Direct investment	1,232	1,658	3,347	7,173	6,005	2,888
Equity	1,077	1,520	3,159	6,736	5,844	3,325
Loans	155	138	188	437	161	-437
Loans and credits	3,817	6,899	2,630	-2,109	-4,978	-4,603
Portfolio and other	3,229	1,384	4,545	680	447	122
Public sector	1,192	1,329	932	208	854	-469
Public enterprises	810	878	-382	331	532	-268
Central government	382	451	1,314	-123	322	-201
Short-term capital 1/	9,073	5,310	-12,365	-16,797	-12,126	-7,344
Other capital (incl. nonresident baht account)	3,406	2,924	-5,812	-4,300	-3,204	-562
Forwards/Swaps (Offshore)	0	0	-5,561	471	2,740	43
Errors and omissions	-1,479	-2,985	-3,196	-2,815	26	-1,014
Overall balance	7,236	2,169	-18,590	-3,198	2,229	-1,731
Monetary movements	-7,236	-2,169	18,590	3,198	-2,229	1,731
Monetary authorities	-6,748	-1,698	19,699	2,363	-2,890	2,234
Balance of payments support (excl. IMF) 2/	0	0	5,514	4,252	2,085	307
Net IMF accounts (increase -)	-140	-3	2,911	755	270	-193
Monetary gold (increase -)	-16	49	201	2	-7	73
Holdings of SDRs (increase -)	-13	-15	-422	91	133	175
Foreign exchange (increase -)	-6,579	-1,729	11,495	-2,737	-5,371	1,872
Valuation changes	-488	-471	-1,109	835	661	-503
Gold	16	-49	-201	-2	7	-42
Other	-504	-422	-908	837	654	-461
Memorandum items:						
Current account as percent of GDP	-7.9	-7.9	-2.1	12.8	10.2	7.6
Gross reserves						
(In billions of U.S. dollars)	37.0	38.7	27.0	29.5	34.8	32.7
(In months of following year's imports)	6.3	6.6	8.0	7.5	6.7	6.0
Forwards/Swaps (onshore)	...	...	-6,760	-4,092	-1,740	-2,493

Source: Data provided by the Thai authorities.

1/ Includes offshore spot purchases by Bank of Thailand.

2/ Includes financing from bilateral creditors and structural adjustment loans from the AsDB and the World Bank.

Table 52. Thailand: Value and Volume of Merchandise Exports, 1995–2000 1/

(All values in millions of U.S. dollars; volumes in thousands of metric tons;
and unit values in U.S. dollars per ton)

	1995	1996	1997	1998	1999	2000
Total exports (value)	56,725	56,000 1/	58,475 1/	54,630 1/	58,517 1/	69,871
Rice						
Volume	6,198	5,460	5,567	6,540	6,839	6,141
Value	1,960	2,012	2,080	2,098	1,949	1,640
Unit value	316	368	374	321	285	267
Rubber						
Volume	1,747	1,922	1,919	1,998	2,031	2,542
Value	2,471	2,513	1,900	1,319	1,159	1,525
Unit value	1,414	1,307	990	660	571	600
Maize						
Volume	108	57	61	137	81	31
Value	22	17	16	21	14	10
Unit value	204	298	262	153	173	323
Tin (metal)						
Volume	3	5	8	11	13	13
Value	16	30	45	62	66	71
Unit value	6	6	6	6	5	5
Tapioca products						
Volume	4,081	4,633	5,436	4,122	5,316	4,586
Value	736	819	726	529	610	513
Unit value	180	177	134	128	115	112
Sugar						
Volume	3,757	4,465	4,032	2,290	3,269	4,087
Value	1,166	1,274	1,136	615	560	658
Unit value	310	285	282	269	171	161
Shrimp						
Volume	175	161	137	142	138	144
Value	2,029	1,720	1,519	1,418	1,274	1,513
Unit value	11,594	10,683	11,088	9,986	9,232	10,507
Manufacturing 2/						
Volume (1995 = 100)	100	88	95	103	115	143
Value	45,276	44,372	47,046	44,242	48,714	59,108
Unit value (1995 = 100)	100	111	109	95	94	91
<i>Of which:</i>						
Textile products (value)	5,746	4,699	4,760	4,441	4,391	4,773
Integrated circuits (value)	2,346	2,319	2,482	2,255	2,942	4,484
Other exports (value)	3,049	3,243	4,007	4,326	4,171	4,833
Adjustment for BOP basis	-994	-1333	-1750	-1,752	-1717	-1,929
Merchandise exports, f.o.b.	55,731	54,667	56,725	52,878	56,800	67,942

Source: Data provided by the Thai authorities.

1/ Includes exports of commercial aircraft.

2/ Excludes sugar.

Table 53. Thailand: Merchandise Exports, 1995–2000

(In millions of U.S. dollars) 1/

	1995	1996	1997	1998	1999	2000
Agricultural products	6,466	6,627	5,998	5,074	4,890	4,958
Fishery products	2,872	2,517	2,327	2,171	2,080	2,306
Manufactured products	46,442	45,646	48,182	44,857	49,274	59,766
Labor intensive products	10,937	9,068	8,394	7,369	7,602	8,206
Garments	4,110	3,156	3,118	2,980	2,906	3,130
Footwear	2,169	1,328	1,152	928	858	848
Toys, games	358	311	270	220	229	232
Precious stones and jewelry	2,014	2,042	1,711	1,309	1,492	1,592
Travel goods	455	400	393	417	449	481
Artificial flower, foliage	89	66	55	54	48	46
Sport requisites	355	344	294	228	269	318
Other	1,387	1,421	1,401	1,233	1,351	1,559
High-tech products	26,572	27,650	30,596	29,835	33,263	42,448
Computer and parts	5,179	6,550	7,274	7,694	7,924	8,524
Integrated circuits and parts	2,346	2,319	2,481	2,255	2,941	4,484
Telecommunication equipment	433	508	518	534	668	891
Electrical appliance	4,149	4,226	4,424	3,914	4,065	5,347
Transformers, generator, and motors	995	1,194	1,468	1,232	1,535	1,695
Chemical products	388	539	673	545	760	1,079
Plastic products	2,505	1,252	1,577	1,712	2,000	2,785
Spinning	670	634	682	561	595	693
Fabrics	964	909	961	900	889	949
Vehicle parts and accessories	659	747	1,064	1,323	1,977	2,537
Base metal products	1,384	1,426	1,505	1,565	1,629	2,328
Ball bearing	263	273	257	168	197	218
Insulated electric wire cable	481	499	508	465	530	475
Petroleum products	288	726	1,121	693	939	1,781
Other	5,868	5,848	6,084	6,274	6,614	8,662
Resource based products	5,191	5,359	5,352	4,693	5,257	5,650
Sugar	1,166	1,274	1,136	615	560	658
Molasses	69	79	48	34	21	32
Canned seafood	1,512	1,534	1,712	1,778	1,905	1,969
Cements	151	174	244	215	338	307
Rubber products	826	746	800	859	847	1,041
Canned pineapple	233	258	200	168	304	200
Furniture and parts	829	822	787	689	847	1,019
Other	405	472	427	335	435	424
Other manufactured	3,742	3,569	3,840	2,960	3,152	3,462
Other 2/	945	1,210	1,968	2,528	2,273	2,841
Total exports	56,725	56,000	58,475	54,630	58,517	69,871

Source: Data provided by the Thai authorities.

1/ Data in baht provided by Thai authorities converted to U.S. dollars using implicit manufactured and total exports baht/U.S. dollar exchange rates.

2/ Includes export of commercial aircrafts.

Table 54. Thailand: Value and Volume of Imports by Economic Classification, 1995-2000

	1995	1996	1997	1998	1999	2000
(In millions of U.S. dollars)						
Total imports	71,527	72,767	63,149	41,902	48,745	63,241
Consumer goods	7,291	7,596	6,698	4,835	5,509	6,617
Nondurable	2,664	2,873	2,660	1,872	2,201	2,506
Durable	4,627	4,723	4,038	2,963	3,308	4,111
Capital goods 1/	32,049	33,493	30,054	20,749	22,554	29,942
Intermediate goods	20,439	18,672	16,380	11,610	13,932	16,831
For consumer goods	13,317	12,333	11,060	8,664	9,948	12,254
For capital goods	7,122	6,339	5,320	2,946	3,984	4,577
Fuel and lubricants	4,622	6,202	5,481	3,135	4,272	6,833
Crude oil	2,873	4,453	4,669	2,875	3,857	6,105
Oil products	1,749	1,749	812	260	415	728
Motor vehicles and parts	4,887	4,605	2,424	495	1,258	1,946
Other 2/	2,239	2,199	2,112	1,078	1,220	1,072
Adjustment for BOP basis	-1,144	-1,952	-1,800	-1,259	-1,216	-818
Merchandise import, c.i.f.	70,383	70,815	61,349	40,643	47,529	62,423
(Percent changes; volumes)						
Total imports	14.3	-1.9	-10.2	-27.2	22.3	22.4
Consumer goods	17.4	-9.7	-9.5	-18.0	18.1	20.2
Capital goods	15.5	-0.8	-7.2	-31.4	16.1	33.0
Intermediate goods	10.9	-11.9	-1.8	-18.1	33.3	18.3
Fuel and lubricants	16.5	12.3	-11.3	-16.0	16.4	-6.8
Other 3/	28.8	5.2	-49.1	-58.9	112.2	51.3
Total non-oil imports	16.2	-2.2	-8.9	-17.5	22.5	26.3

Source: Data provided by the Thai authorities.

1/ Includes commercial aircraft but excludes operational lease arrangements.

2/ Includes military imports and nonmonetary gold.

3/ Coverage vehicles and parts only.

Table 55. Thailand: Trade Indices and Terms of Trade, 1996–2000 1/

	1996	1997	1998	1999	2000
(Index, 1995=100)					
Exports 2/					
Volume	90.10	96.95	104.96	117.02	142.65
Value	98.09	101.79	94.88	101.92	121.91
Unit value	108.88	105.26	90.44	87.41	85.51
Imports 2/					
Volume	90.58	81.37	59.20	72.40	88.63
Value	100.62	87.17	57.74	67.53	88.69
Unit value	111.09	106.86	97.60	93.14	100.05
Terms of trade	98.01	98.51	92.67	93.84	85.46
(Percent change)					
Exports 2/					
Volume	-1.9	7.6	8.3	11.5	21.9
Value	-3.8	3.8	-6.8	7.4	19.6
Unit value	2.1	-3.3	-14.1	-3.4	-2.2
Imports 2/					
Volume	-6.4	-10.2	-27.2	22.3	22.4
Value	0.6	-13.4	-33.8	16.9	31.3
Unit value	7.6	-3.8	-8.7	-4.6	7.4
Terms of trade	-5.1	0.5	-5.9	1.3	-8.9

Source: Data provided by the Thai authorities.

1/ In terms of U.S. dollars and based on customs data.

2/ From January 1996 onward, for both export and import categories, unit values indices are calculated by using Fisher chained method where 1995=100.

Table 56. Thailand: Direction of Trade, 1996-2000 1/

(In percent of total)

	Exports					Imports				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
Japan	17	15	14	14	15	28	26	24	24	24
United States	18	20	22	22	21	13	14	14	13	11
European Union	16	16	18	17	16	15	14	12	12	10
<i>Of which:</i>										
Netherlands	3	3	4	4	3	1	1	1	1	1
Germany	3	2	3	2	2	5	5	4	3	3
United Kingdom	3	4	4	4	3	2	2	2	1	1
France	2	2	2	1	1	2	1	2	3	1
Italy	1	1	1	1	1	2	1	1	1	1
Belgium	1	1	1	2	2	1	1	1	1	1
Other	3	3	3	3	4	2	3	1	2	2
ASEAN	19	19	15	19	19	13	12	14	16	20
<i>Of which:</i>										
Singapore	12	11	9	9	9	6	5	6	6	10
Malaysia	4	4	3	4	4	5	5	5	5	5
Indonesia	2	2	2	2	2	1	1	2	2	2
Newly industrialized economies	11	11	9	10	10	9	10	11	10	11
Hong Kong SAR	6	6	5	5	5	1	1	2	1	4
Korea	2	2	1	2	2	4	4	4	4	3
Taiwan Province of China	3	3	3	3	3	4	5	5	5	4
Indochina and Myanmar	3	3	3	3	3	0	1	1	1	1
China	3	3	3	3	4	3	4	4	5	3
Australia	2	2	2	2	2	2	2	2	2	2
Canada	1	1	1	1	1	1	1	1	1	1
Saudi Arabia	1	1	1	1	0	1	1	1	1	2
Switzerland	1	1	1	1	1	1	1	1	1	1
Other	8	8	11	7	8	14	14	15	14	14
Total	100	100	100	100	100	100	100	100	100	100

Source: Data provided by the Thai authorities.

1/ Customs data.

Table 57. Thailand: External Services Transactions, 1995–2000

(In millions of U.S. dollars)

	1995	1996	1997	1998	1999	2000 Prel.
Receipts	18,664	20,995	19,528	16,547	17,748	17,123
Freight and insurance	625	712	631	479	522	637
Other transportation	1,873	1,955	1,787	2,206	2,503	1,940
Travel	8,043	9,097	7,677	6,201	7,041	7,291
Investment income	2,108	2,165	2,084	1,908	1,633	2,525
Government	194	304	145	82	93	83
Other	5,821	6,762	7,204	5,671	5,956	4,647
<i>Of which:</i>						
Workers' remittances from abroad	1,697	1,807	1,664	1,426	1,463	1,672
Payments	17,733	19,958	18,488	14,906	14,907	13,898
Freight and insurance	849	992	898	523	482	537
Other transportation	656	594	549	446	559	664
Travel	4,275	4,289	3,425	1,970	2,476	2,775
Investment income	5,919	7,361	7,204	6,927	6,069	5,292
<i>Of which:</i>						
Interest payments	4,194	5,202	5,558	5,479	4,513	3,824
Government	203	272	214	125	118	131
Other 1/	5,831	6,450	6,198	4,915	5,203	4,499
Net services	931	1,037	1,040	1,641	2,841	3,225
Freight and insurance	-224	-280	-267	-44	40	100
Other transportation	1,217	1,361	1,238	1,760	1,944	1,276
Travel	3,768	4,808	4,252	4,231	4,565	4,516
Investment income	-3,811	-5,196	-5,120	-5,019	-4,436	-2,767
Government	-9	32	-69	-43	-25	-48
Other	-10	312	1,006	756	753	148

Source: Data provided by the Thai authorities.

1/ Includes operational leasing of commercial aircraft.

Table 58. Thailand: Net Medium- and Long-Term Nonmonetary
Capital Flows by Borrower, 1995-2000

(In millions of U.S. dollars)

	1995	1996	1997	1998	1999	2000 Prel.
Total	9,470	11,270	11,454	6,718	2,379	-2,062
Private sector	8,278	9,941	10,522	5,744	1,474	-1,593
Direct investment	1,232	1,658	3,347	7,173	6,005	2,888
Foreign direct investment	2,118	2,591	3,931	7,305	6,354	2,873
Equity capital	1,963	2,453	3,743	6,868	6,193	3,310
Bank	66	68	255	2349	2642	537
Nonbank	1,897	2,385	3,488	4519	3551	2773
Loans	155	138	188	437	161	-437
Thai investment abroad	-886	-933	-584	-132	-349	15
Bank	-51	-117	-137	-8	-5	74
Nonbank	-835	-816	-447	-124	-344	-59
Portfolio investment	3,286	1,359	4,299	457	331	322
Bank	741	-604	-179	-70	-7	-240
Nonbank	2,545	1,963	4,478	527	338	562
Equity securities	2,254	1,123	3,987	265	946	887
Inflow	7,162	7,261	21,376	6,761	5,114	4,707
Outflow	4,908	6,138	17,389	6,496	4,168	3,820
Debt securities	291	840	491	262	-608	-325
Inflow	300	909	543	375	0	206
Outflow	9	69	52	113	608	531
Long-term loans	3,817	6,899	2,630	-2,109	-4,978	-4,603
Bank	1,081	1,707	1,773	-2,218	-2,973	-1,197
BIBF	830	1,528	769	-2,348	-1,961	-757
Non-BIBF	251	179	1,004	130	-1,012	-440
Nonbank	2,736	5,192	857	109	-2,005	-3,406
Drawings	5,255	7,478	4,271	4,198	3,347	2,135
Trade credits	1	0	65	328	22	7
Other	5,254	7,478	4,206	3,870	3,325	2,128
Repayments	2,519	2,286	3,414	4,089	5,352	5,541
Trade credits	149	82	45	152	191	124
Other	2,370	2,204	3,369	3,937	5,161	5,417
Others (net)	-57	25	246	223	116	-200
Bank	0	0	0	0	0	0
Nonbank	-57	25	246	223	116	-200
Public enterprises	810	878	-382	1,097	583	-268
Long-term loans	847	246	116	850	345	-212
Drawings	1,632	1,075	837	1,569	1,582	1,622
Trade credits	5	2	0	0	0	0
Other	1,627	1,073	837	1,569	1,582	1,622
Repayments	785	829	721	719	1,237	1,834
Trade credits	53	39	26	24	27	27
Other	732	790	695	695	1,210	1,807
Portfolio investment (net) 1/	52	600	-324	196	156	-143
Others (net)	-89	32	-174	51	82	87
Central government 2/	382	451	1,314	-123	322	-201
Long-term loans	180	586	824	-67	472	-78
Drawings	674	869	1,227	295	1,119	670
Repayments	494	283	403	362	647	748
Other (net)	202	-135	490	-56	-150	-123

Source: Data provided by the Thai authorities.

1/ Includes bonds issued in Thailand and held by nonresidents.

2/ Excludes structural adjustment loans from the AsDB and the World Bank disbursed as part of the original financing package.

Table 59. Thailand: Net Short-Term Nonmonetary Capital Flows by Borrowers, 1995-2000

(In millions of U.S. dollars)

	1995	1996	1997	1998	1999	2000 Prel.
Total	9,073	5,310	-12,365	-16,797	-12,126	-7,344
Private sector (net)	9,165	5,336	-12,333	-16,927	-12,106	-7,246
Borrowings	11,904	459	-9,672	-13,601	-10,422	-5,077
Banks	12,141	-928	-4,768	-9,450	-8,590	-3,616
BIBF	8,562	2,156	-947	-7,040	-7,677	-3,410
Non-BIBF	3,579	-3,084	-3,821	-2,410	-913	-206
Nonbanks	-237	1,387	-4,904	-4,151	-1,832	-1,461
Trade credits	302	-63	-402	-587	788	-704
Loans	-1,414	-75	-4,574	-3,459	-2,673	-527
Debt securities	875	1,525	72	-105	53	-230
Bank assets	-2,739	4,877	-2,661	-3,326	-1,684	-2,169
Public enterprises (net)	0	20	0	130	-20	-130
Trade credits	0	0	0	0	0	0
Others	0	20	0	130	-20	-130
Central government (net)	-92	-46	-32	0	0	32
Memorandum item:						
Nonresident baht account 1/	3,406	2,924	-5,812	-4,300	-3,204	-562

Source: Data provided by the Thai authorities.

1/ Consists mostly of unidentified portfolio flows.

Table 60. Thailand: Net Flows of Foreign Direct Investment,
Classified by Country of Investor, 1995–2000 1/

(In millions of U.S. dollars)

	1995	1996	1997	1998	1999	2000 Prel.
Total	2,004	2,271	3,627	5,143	3,562	2448
Japan	557	523	1,348	1,485	489	582
Singapore	137	275	271	541	537	254
United States	260	429	780	1,284	641	845
Hong Kong SAR	279	215	444	395	233	326
Taiwan Province of China	97	138	133	106	122	194
European Union	178	170	360	912	1,369	403
<i>Of which:</i>						
United Kingdom	55	57	123	103	183	424
Germany	38	42	59	101	289	65
Netherlands	87	-40	156	333	644	-109
France	72	30	2	277	241	6
Others	496	521	291	420	171	-156

Source: Data provided by the Thai authorities.

1/ Includes loans from affiliates. Excludes Thai investment abroad, loans from affiliates of financial institutions and investment in commercial banks and BIBFs.

Table 61. Thailand: Net Flows of Thai Investment Abroad,
Classified by Country, 1995–2000 1/

(In millions of U.S. dollars)

	1995	1996	1997	1998	1999	2000 Prel.
Total	835	816	447	124	344	59
USA	148	78	57	18	43	-63
Canada	3	0	1	5	-2	0
Hong Kong SAR	64	164	-6	53	108	24
Japan	1	0	1	-1	2	2
China	81	99	36	13	28	9
EU	161	35	-21	26	141	-2
<i>Of which:</i>						
Denmark	0	0	4	0	0	0
Germany	111	1	-21	3	0	0
Netherlands	0	0	-5	0	0	0
United Kingdom	38	34	4	-13	14	-1
ASEAN	194	124	149	-31	13	13
<i>Of which:</i>						
Brunei	0	0	0	0	0	0
Indonesia	31	34	18	0	1	6
Malaysia	2	2	3	0	0	1
Singapore	5	12	117	-40	7	6
Indochina	68	151	79	18	16	11
<i>Of which:</i>						
Cambodia	10	31	20	3	3	1
Lao PDR	6	57	1	0	0	1
Myanmar	20	8	9	2	3	1
Vietnam	32	54	48	13	10	8
Bermuda	3	22	68	0	0	0
Other	112	143	83	22	-5	65

Source: Data provided by the Thai authorities.

1/ Comprises equity investment and intra-firm loans from Thai nonfinancial enterprises.

Table 62. Thailand: Net Flows of Foreign Direct Investment,
Classified by Sectors, 1995–2000 1/ 2/

(In millions of U.S. dollars)

	1995	1996	1997	1998	1999	2000
Total	2,004	2,271	3,627	5,143	3,562	2,448
Industry	567	709	1,820	2,209	1,268	1901
Food and sugar	39	45	226	74	93	162
Textiles	38	49	42	125	20	33
Metal and nonmetallic	92	113	216	342	263	110
Electrical appliances	234	241	604	264	425	275
Machinery 3/	145	109	396	661	394	542
Chemicals	94	183	163	225	8	503
Petroleum products	-162	-250	10	329	8	36
Construction materials	25	3	-10	24	38	58
Others	62	216	173	165	19	182
Financial institutions 4/	26	72	110	842	247	108
Trade	446	545	1,033	1,051	1,042	76
Construction	36	70	163	192	-151	-19
Mining and quarrying	57	19	20	21	-42	-308
Agriculture	9	2	2	0	1	0
Services	88	125	292	275	485	726
Real estate	853	753	110	28	150	73
Others	-78	-24	77	525	562	-109

Source: Data provided by the Thai authorities.

1/ Includes loans from affiliates; excludes Thai investment abroad.

2/ Excludes commercial banks and BIBFs.

3/ Includes transport equipment.

4/ Excludes loans from affiliates of financial institutions.

Table 63. Thailand: Net Flows of Thai Investment Abroad, Classified by Sector, 1995-2000 1/

(In millions of U.S. dollars)

	1995	1996	1997	1998	1999	2000 Prel.
Total	835	816	447	124	344	59
Industry	231	314	209	64	138	30
Food and sugar	32	28	52	9	19	9
Textiles	13	11	2	0	0	3
Metal and nonmetallic	55	54	9	6	27	0
Electrical appliances	66	148	5	-11	68	10
Machinery and transport equipment	3	18	10	31	2	4
Chemicals	16	14	89	4	7	-6
Petroleum products	2	2	0	0	0	0
Construction materials	1	40	34	0	6	1
Others	43	-1	8	6	8	9
Financial institutions	74	28	3	-10	0	26
Trade	23	27	51	2	31	42
Construction	15	0	-23	1	6	9
Mining and quarrying	5	7	2	0	2	8
Agriculture	6	3	-1	3	4	5
Services	190	240	130	5	19	-106
Real estate	153	41	13	2	38	3
Others	138	156	63	-13	105	44

Source: Data provided by the Thai authorities.

1/ Comprises equity investment and intra-firm loans from Thai nonfinancial enterprises.

Table 64. Thailand: Gross External Borrowing by Nonbank Sector, 1995-2000 1/

(In millions of U.S. dollars)

	1995		1996		1997		1998		1999		2000	
	Short-Term	Total	Short-Term	Total	Short-Term	Total	Short-Term	Total	Short-Term	Total	Short-Term	Total
Total	16,606	22,064	18,228	25,943	14,548	19,008	7,638	12,156	4,225	8,232	3,940	7,043
Financial institutions	8,528	9,685	7,338	8,745	3,690	3,865	876	1,235	678	693	465	689
Trade	3,147	3,460	3,806	4,148	4,944	5,625	2,398	3,630	851	1,605	747	1,121
Construction	110	145	200	791	44	331	17	19	21	31	6	26
Industry	3,331	6,174	4,178	6,216	4,618	6,538	3,770	5,877	2,335	3,701	1,780	2,665
Food	87	352	84	414	191	383	180	232	42	81	17	39
Textiles	145	282	125	252	209	309	164	248	66	90	20	33
Metal based and nonmetallic	316	523	235	492	309	641	268	858	120	448	99	129
Electrical appliances	1,101	1,402	1,172	1,548	1,439	1,703	1,351	1,580	853	1,244	649	929
Machinery and transport equipment	937	1,079	1,990	2,015	1,955	2,133	1,250	1,908	1,082	1,298	721	832
Chemicals	237	922	264	906	208	722	233	681	55	367	168	563
Petroleum products	219	562	107	292	253	402	156	242	52	55	15	22
Others	289	1,052	201	297	56	246	169	129	65	117	91	119
Services 2/	157	504	294	623	317	632	217	284	71	170	79	91
Others	1,333	2,096	2,412	5,420	935	2,017	360	1,111	269	2,032	863	2,451

Source: Data provided by the Thai authorities.

1/ Includes borrowing from affiliates; excludes commercial banks and BIBFs.

2/ Excludes real estate.

Table 65. Thailand: Borrowing Terms of Private External Loans, 1995-2000 1/
(In millions of U.S. dollars)

	1995		1996		1997		1998		1999		2000	
	Amount of Borrowing Millions of U.S. Dollars	Percent of Total	Amount of Borrowing Millions of U.S. Dollars	Percent of Total	Amount of Borrowing Millions of U.S. Dollars	Percent of Total	Amount of Borrowing Millions of U.S. Dollars	Percent of Total	Amount of Borrowing Millions of U.S. Dollars	Percent of Total	Amount of Borrowing Millions of U.S. Dollars	Percent of Total
Total	22,064	100.0	25,943	100.0	19,008	100.0	12,156	100.0	8,232	100.0	7,043	100.0
Short-term	16,606	75.3	18,228	70.3	14,548	76.5	7,638	62.8	4,225	51.3	3,940	55.9
On demand and less than one month	3,584	16.2	3,415	13.2	3,919	20.6	1,966	16.2	1,167	14.2	1,596	22.7
1-3 months	9,425	42.7	12,089	46.6	7,055	37.1	2,535	20.9	1,693	20.6	1,157	16.4
4-6 months	1,899	8.6	2,516	9.7	2,758	14.5	1,981	16.3	903	11.0	821	11.7
7-11 months	48	0.2	182	0.7	241	1.3	1,027	8.4	368	4.5	310	4.4
12 months	1,650	7.5	26	0.1	575	3.0	129	1.1	94	1.1	56	0.8
Long-term	5,458	24.7	7,715	29.7	4,460	23.5	4,518	37.2	4,007	48.7	3,103	44.1
At call	613	2.8	0	0.0	440	2.3	554	4.6	1,549	18.8	1,732	24.6
More than 1-3 years	1,820	8.2	3,450	13.3	1,484	7.8	875	7.2	1,118	13.6	362	5.1
More than 3-5 years	1,553	7.0	1,583	6.1	792	4.2	779	6.4	383	4.7	541	7.7
More than 5-10 years	850	3.9	1,167	4.5	1,266	6.7	1,842	15.2	183	2.2	236	3.4
More than 10 years	622	2.8	1,515	5.8	478	2.5	468	3.8	774	9.4	232	3.3

Source: Data provided by the Thai authorities.

1/ Includes borrowings from affiliates; excludes commercial banks and BIBFs.

Table 66. Thailand: International Reserves, 1995–2000

(In millions of U.S. dollars; end-of-period)

	1995	1996	1997	1998	1999	2000 1/
Monetary authorities (net)	37,027	38,725	24,539	26,297	31,350	29,599
Total gross reserves	37,027	38,725	26,968	29,536	34,781	32,661
Gold	963	914	713	711	718	645
IMF reserve tranche position	556	559	75	0	0	0
SDRs	45	60	482	391	258	83
Foreign exchange	35,463	37,192	25,697	28,434	33,805	31,933
Liabilities to IMF	0	0	2,429	3,239	3,431	3,062
Memorandum items:						
Interest receipts on foreign assets						
Bank of Thailand	1,883	1,884	1,791	1,483	989	1,676
Interest payments on foreign liabilities						
Bank of Thailand	6	5	26	373	464	602

Source: Data provided by the Thai authorities.

1/ From April 2000 onward, all components of reserves are marked to market.

Table 67. Thailand: External Debt and Debt Service, 1995–2000

(In millions of U.S. dollars; end-of-period data)

	1995	1996	1997	1998	1999	2000 Prel.
Total outstanding debt 1/	100,832	108,742	109,276	105,084	95,647	80,250
Outstanding medium- and long-term debt 2/	48,434	60,999	70,982	76,644	75,688	65,370
Public sector	16,317	16,747	24,062	30,910	35,893	33,791
By lender	16,317	16,747	24,062	30,910	35,893	33,791
IMF	0	0	2,429	3,239	3,431	3,062
Other international institutions	2,477	2,713	3,585	4,458	5,444	5,355
Foreign governments	8,387	8,005	9,038	12,580	16,354	14,810
Foreign banks	5,099	5,748	8,785	10,404	10,436	10,387
Suppliers' credits	354	281	225	229	228	177
By borrower	16,317	16,747	24,062	30,910	35,893	33,791
Bank of Thailand	0	0	7,157	11,204	12,817	12,019
Central government	4,791	5,118	6,051	6,947	8,888	8,860
Public enterprises	11,526	11,629	10,854	12,759	14,188	12,912
Nonbank private sector	23,875	31,241	32,102	34,849	31,559	24,848
Loans	19,938	25,172	25,695	27,814	25,009	19,731
Suppliers' credits	87	183	206	384	277	162
Debt securities	3,850	5,886	6,201	6,651	6,273	4,955
Commercial banks	8,242	13,011	14,818	10,885	8,236	6,731
BIBF	3,799	10,697	10,895	6,945	5,269	4,151
Non-BIBF	4,443	2,314	3,923	3,940	2,967	2,580
Outstanding short-term debt (disbursed)	52,398	47,743	38,294	28,440	19,959	14,880
Public sector	85	54	20	150	130	26
Nonbank private sector	18,616	18,831	13,871	10,853	10,363	9,428
Commercial banks	33,697	28,858	24,403	17,437	9,466	5,426
BIBF	23,704	20,490	19,185	14,891	7,837	4,085
Non-BIBF	9,993	8,368	5,218	2,546	1,629	1,341
Total debt service payments	8,253	9,024	11,629	14,430	14,134	12,692
Amortization, medium- and long-term debt	4,059	3,822	6,071	8,951	9,622	8,868
Public sector 3/	1,125	987	1,077	906	1,372	1,739
Of which: IMF	0	0	0	0	0	193
Nonbank private sector	1,915	2,288	3,078	3,730	4,676	4,707
Commercial banks	1,019	547	1,916	4,315	3,574	2,422
BIBF	1,019	547	1,916	4,315	2,648	1,709
Non-BIBF	...	...	...	...	926	713
Interest, medium- and long-term debt	2,651	3,095	3,447	3,707	3,399	3,098
Public sector	900	858	881	1,277	1,496	1,668
Of which: IMF	0	0	15	122	129	175
Private sector	1,751	2,237	2,566	2,430	1,903	1,430
Nonbank	1,751	2,237	2,566	1,705	1,397	1,021
Banks	0	0	0	725	506	408
Interest, short-term debt	1,543	2,107	2,111	1,772	1,113	726
Of which: Commercial banks	1,539	2,107	2,110	1,232	646	334
BIBF	1,248	1,646	1,745	1,093	583	257
Non-BIBF	291	461	365	139	63	77
Average maturity of medium- and long-term debt contracted (years)						
Public sector 4/	20.3	19.6	19.2	20.1	19.5	19.3
Private sector	5.1	5.0	4.8	5.5	7.0	7.6
Average interest rate on medium- and long-term debt contracted (percent)						
Public sector 4/	4.9	4.5	4.6	4.5	4.9	4.6
Private sector	6.7	7.3	6.7	5.6	5.8	6.6
Total debt service ratio 5/	11.4	12.3	15.7	21.4	19.4	15.4
Memorandum item:						
Nonresident bank deposits	395	669	370	527	583	382

Sources: Data provided by the Thai authorities; and Fund staff estimates.

1/ Nonbank debt is based on BOT's external debt survey result as of end-1998. Historical series have been adjusted back to 1995 using flow data obtained through ITRS.

2/ Debt with original maturity of more than one year.

3/ Includes repayments of bonds locally issued by the Thai Government that are held by nonresidents.

4/ Excludes borrowing from the IMF and official bilateral creditors under the financing package.

5/ Percent of exports of goods and services (including workers' remittances).

Table 68. Thailand Average Rates of Import Duties, 1995–2000 1/

(In percent)

	1995	1996	1997	1998	1999	2000
Total	7.1	7.0	4.7	3.3	3.6	3.5
Consumer goods	12.3	11.8	9.3	7.2	7.7	7.7
Nondurable	16.1	16.1	13.4	11.8	12.1	12.3
Durable	10.2	9.2	6.6	4.3	4.8	4.9
Capital goods	4.4	4.8	3.5	2.3	2.4	2.3
Intermediate goods	6.1	5.8	4.5	3.7	3.7	3.1
For consumer goods	6.6	6.2	5.0	3.9	3.8	3.1
For capital goods	5.0	4.9	3.4	3.2	3.7	3.2
Other	16.5	14.5	12.4	7.8	4.4	5.1
Motor vehicles and parts	25.0	24.4	22.9	23.7	21.6	24.6
Fuels, lubricants 2/	4.1	3.8	5.4	5.9	3.7	2.6
Others	0.4	0.3	0.3	0.3	0.3	0.1

Source: Data provided by the Thai authorities.

1/ Calculated as import duties in percent of import value.

2/ Excluding crude oil.

Table 69. Thailand: Changes in the Trade System During 1995–2000

A. Exports and Export Proceeds

June 22, 1999

Regulations of exporting durian, logan and orchid to foreign countries took effect. The exporters of these three fruits have to register at the Department of Agriculture, and the Ministry of Agriculture and Cooperatives.

B. Imports and Import Payments

January 1, 1995

Thailand opened its markets for 23 agricultural products, a measure that included the removal of surcharges on soybean cake imports. Tariff reductions on almost 4,000 products were begun, which reduced the average tariff from about 30 percent to 17 percent by January 1, 1997. Tariff reductions for ASEAN members on over 8,000 products were also initiated and scheduled for completion by January 1, 2000.

March 1, 1995

Copyright Act took effect to better safeguard intellectual property rights. This Act covers the protection of computer software as literary work.

May 18, 1999

Thailand set the regulation to implement the protection measures on foreign products based on WTO's Agreements on Protectionism Measures.

Specific Tariff Changes in 1995

January 27, 1995

Dumpers designed for off-highway use (reduced from 40 percent to 5 percent).

March 1, 1995

Cement clinker (reduced from 10 percent to zero percent).

April 21, 1995

Raw materials imported for the production and assembly for export (reduced import duty or bank guarantee by 50 percent).

June 2, 1995

Catalytic converters imported for the production or assembly of automobile (exempted from import duty).

Oxygen sensor used with catalytic converters (reduced from 5 percent to zero percent).

Instrument and apparatus for automatically controlling fuel-flow system and spark-ignition system of automobile engine used with catalytic converter (reduced from 5 percent to zero percent).

Table 69. Thailand: Changes in the Trade System During 1995–2000 (Continued)

Specific Tariff Changes in 1996

May 2, 1996

- Suit-cases, executive-cases, similar containers (reduced from 100 percent to 20 percent).
- Belts (reduced from 100 percent to 10 percent, 20 percent).
- Objective lenses (reduced from 35 percent to 5 percent).
- Sunglasses, corrective, protective or other (reduced from 60 percent to B5 each to B1-1.75).
- Photographic cameras, photographic flashlight, apparatus (reduced from 40 percent to 5 percent).
- Watches (reduced from 40 percent to 5 percent).
- Pens (reduced from 40 percent to 5 percent).
- Cigarette and other lighter (reduced from 50 percent to 5 percent).

June 20, 1996

- Certain chemicals, skin leather articles of base metal (reduced from 40 percent to 10-20 percent).

September 10, 1996

- Green cabbage in brine, bamboo shoot in brine (reduced from 60 percent to 20 percent).
- Ginger and ginger in brine (reduced from 30 percent to 20 percent or from B4.20 per kilogram to B2.50 per kilogram).
- Cruise ships, excursion boats and similar vessels principally designed for the transport of persons, ferry-boats of all kinds, fishing vessels, factory ship, tugs and pusher craft (reduced from 35 percent to 0-20 percent).
- Nuts (reduced from 60 percent to 10 percent, or from B50 per kilogram to B8.50 per kilogram).
- Certain inorganic chemicals (reduced from 30 percent to 1-10 percent).
- Unwrought aluminum, aluminum waste, and scrap (reduced from 6 percent to 1 percent).
- Parts and accessories of the motor (reduced from 60 percent to 17-42 percent).

Specific Tariff Changes in 1997

March 8, 1997

- Certain electronics components used in electronics industry such as electric motors, microphones, and printed circuits (reduced from 20-30 percent to 1 percent).

May 27, 1997

- School buses and their CKD (exempted from duty).

August 22, 1997

- Duty rates on all imported goods used as raw materials for exports were reduced by
 - 50 percent for companies meeting certain requirements
 - 95 percent for companies classified as "customs special exporter"
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Table 69. Thailand: Changes in the Trade System During 1995–2000 (Continued)

September 5, 1997

- Sodium dichromate (reduced from 10 percent to 5 percent).
- Artificial ornament (reduced from 45 percent to 20 percent).
- Paper used for printing postal and excise stamps (reduced from 45 percent to 20 percent).

September 15, 1997

- Unrefillable gas lighter and matches (raised from 5 percent to 20 percent).
- Components for lighter (raised from 5 percent to 10 percent).

October 15, 1997

- Completely built passenger cars (raised from 42-68.5 percent to 80 percent).
- Perfume, cosmetic, leather products (bag, belt, and shoes), sneaker, glassware and crystal accessory, and costume jewelry (raised from 20 percent to 30 percent).
- Lens, eye glasses and frame, camera, watch, pen, and lighter (raised from 5 percent to 30 percent).
- A 10 percent surcharge on all imports with the exception of the above products and those subject to import duties of less than 5 percent, raw materials, items with special duties, items specified in accordance to international law or international agreements.

Specific Tariff Changes in 1998

January 1, 1998

- Downstream petrochemical products which are locally produced (reduced from 27 percent to 23.5 percent).
- Plastic products (reduced from 40.5 percent to 35.3 percent).

February 25, 1998

- Clothes, ties, underwear, and crystal accessories (raised from 30 percent to 60 percent).
- Perfume, cosmetic, leather bag and shoes, and sneaker (raised from 30 percent to 40 percent).
- Crystal ware (raised from 30 percent to 35 percent).
- Jewelry, clothes, and tobacco (raised from 30 percent to 60 percent).
- Wool cloths (raised from 10 percent to 40 percent).

March 12, 1998

- All machinery, electrical machinery and equipment used in garment industries (reduced from 20-30 percent to 5 percent).

March 28, 1998

- All machinery and parts used in bonded warehouse (duty exemption).
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Table 69. Thailand: Changes in the Trade System During 1995–2000 (Continued)

Specific Tariff Changes in 1999

January 26, 1999

Opening market of import soybean with non limited quality and timing within 5 percent for under quota and 119 percent for those out of quota.
Corn for animal feed within 20 percent for under quota of 53,253 tons.

February 23, 1999

Autoparts for passenger cars and small truck (increased from 22 percent to 33 percent).
Autoparts for not exceeding 150 cc. motorcycles (set to 33 percent).
Passenger cars (reduced from 32-50 percent to 29-48 percent).
Small truck (reduced from 5 percent to 3 percent).

April 20, 1999

Vitamins used as ingredient in instant noodle (duty exemption).

July 5, 1999

Palm fruit (Look Chid) only imported from the People's Democratic Republic of Laos (reduced from over 5 percent to 5 percent).

August 10, 1999

Machinery and mechanical appliances and parts (Chapter 84) 155 items (reduced 153 items from 5 percent to 3 percent and 2 items from 20 percent to 3 percent).
Electrical machinery and equipment, electro-magnets, electro-mechanical appliance and parts (Chapter 85) 105 items (reduced 104 items from 5 percent to 3 percent and 1 item from 20 percent to 3 percent).
Measuring, checking, precision instruments, microscope parts and accessories (Chapter 90) 66 items (reduced from 5 percent to 3 percent).
Fish or crustaceans, mollusc or other aquatic invertebrates, for breeding (All breeding items in Chapter 03) (Exempt tariff, which is currently imposed at 60 percent).
Lanolin, jojoba oil, dried glands and other organs for organo therapeutic uses 5 items (reduced from 10 percent and 30 percent to 1 percent).
Essential oil, mixtures of odoriferous substances 17 items (reduced from 10 percent to 5 percent).
Artificial waxes and prepared waxes 3 items (reduced from 20 percent to 10 percent).
Vitamin premix (reduced from 30 percent to 1 percent).
Lupins seeds and dehulled lupins (reduced from 40 percent and 30 percent to 5 percent).
Alfalfa (reduced from 10 percent and 30 percent to 5 percent).
Canola meal (reduced from 10 percent to 5 percent).
Inorganic chemicals (Chapter 28) and organic chemicals (Chapter 29) 148 items (reduced from 5 percent and 10 percent to 1 percent).
Fertilizers (Chapter 31) and miscellaneous chemical products (Chapter 38) (reduced 69 items from 10 percent to 5 percent and exempt tariff of 4 items which is currently imposed at 5 percent).

Table 69. Thailand: Changes in the Trade System During 1995–2000 (Continued)

August 10, 1999 (Continued)

Plastic (reduced 11 items from 20 percent to 10 percent).
Cotton (exempted tariff on 5 items of cotton, which are currently imposed at 5 percent or not exceeding 1 baht per kilogram).
Precious metal comprising pearl, silver and platinum 21 items (exempted tariffs which are currently imposed at 1 percent, 5 percent, 10 percent).
Precious metal 2 items (reduced from 30 percent and 60 percent to 20 percent).
TMBP iron (reduced from 2 percent to 1 percent but valid until 31 December 2003, then increasing to 10 percent).
Hi-carbon iron 10 items (reduced from 10-12 percent to 1 percent valid until 31 Dec 2003).
Copper cathode (reduced from 6 percent to 1 percent, valid until 31 December 2000).
Skin and other parts of birds 4 items (reduced from 20 percent and 35 percent to 10 percent).
Waste and scrap of glass (reduced from 5 percent to 1 percent).
Rods of glass (reduced from 10 percent to 5 percent).
Plywood, veneered, panels, and similar laminated wood (reduced from 60 percent to 20 percent).
Analogue or hybrid automatic and data processing machine (reduced from 40 percent to 3 percent).
Wood or wooden parts for producing pipes (reduced from 60 percent to 5 percent).
All commodities, from which import duty surcharge has been collected since 15 October 1997 (cancelled 10 percent surcharge imposed on top of the import duties).

Specific Tariff Changes in 2000

January 1, 2000

IT products from Information Technology Agreement-I (duty exemption on 153 items of ITA-I products).

February 3, 2000

Tomatoes, young corn, ground-nuts, plywood, veneered, panels and similar laminated wood only imported from the People's Democratic Republic of Laos (reduced from over 15 percent to 5 percent).

July 4, 2000

Inorganic chemical (Chapter 28) 141 items reduced from 5 percent and 10 percent to 1 percent and 14 items reduced from 10 percent to 5 percent.
Organic chemical (Chapter 29) 160 items reduced from 5 percent and 10 percent to 1 percent and 1 item reduced from 20 percent to 10 percent.
Pharmaceutical products (Chapter 30) 2 items reduced from 10 percent to 1 percent; 5 items reduced from 15 percent to 10 percent and 17 items reduced from 20 percent to 10 percent.
Tanning or dyeing extracts (Chapter 32) 4 items reduced from 10 percent to 5 percent.
Soap; organic surface-active agents, washing productions (Chapter 34) 6 items reduced from 10 percent to 5 percent.
Albuminoidal substances; modified starches; glues; enzymes (Chapter 35) 2 items reduced from 10 percent to 5 percent.
Miscellaneous chemical products (Chapter 38) 2 items reduced from 10 percent to 5 percent.
Folding cartons, boxes and cases, of non-corrugated paper or paperboard (reduced from 10 percent, 20 percent and 30 percent to 5 percent).

Table 69. Thailand: Changes in the Trade System During 1995–2000 (Continued)

July 4, 2000 (Continued)

Paper and paperboard coated, impregnated or covered with wax, paraffin wax, stearin, oil or glycerol (reduced from 20 percent to 5 percent).
 Paper and paperboard of a kind used for writing, printing or other graphic purposes (reduced from 20 percent to 1 percent).
 Polyethylene having a specific gravity of less than 0.94 (reduced from 20 percent to 1 percent).
 Aluminum foil (reduced from 10 percent to 1 percent)
 Aseptic PM bag (reduced from 30 percent to 1 percent) and aluminum pouch (reduced from 30 percent to 15 percent).
 Aluminum plates, made of alloys (reduced from 10 percent to 1 percent).
 Coniferous (reduced from 5 percent to 1 percent).
 Textile products and articles, for technical uses (reduced from 10 percent to 1 percent).
 Chemical in rubber industry 4 items (reduced from 5 percent and 10 percent to 1 percent).
 Synthetic rubber in plates, sheets or strip excluding SBR and BR 18 items (reduced from 20 percent to 10 percent).
 Aluminum oxide, other than artificial corundum and Barium carbonate (reduced from 105 percent to 1 percent).
 Vitriifiable enamels and glazes (reduced from 10 percent to 5 percent).
 Ceramic wares for laboratory 3 items (reduced from 30 percent to 5 percent).
 Flat-rolled products of iron non-alloy steel (TMBP type) 2 items (reduced from 10 percent to 1 percent).
 Bars and rods, hot-rolled, in irregularly wound coils, of stainless steel 1 item (reduced from 10 percent to 1 percent).
 Other bars and rods of other alloy steel (reduced from 12 percent to 1 percent).
 Woven fabrics of carded wool or of carded fine animal hair and woven fabrics of combed wool or of combed fine animal hair 10 items (reduced from 40 percent to 10 percent).
 Air or vacuum pump 3 items (reduced from 20 percent to 3 percent).
 Appliance safety valves 13 items (reduced from 5 percent to 3 percent).
 Motor 7 items (reduced from 10 percent to 3 percent).
 Factors of automotive part production 59 items (imposed at 10 percent); 21 items (imposed at 5 percent) and safety seat belt and accessories 2 items (reduced from 30 percent, 35 percent and 42 percent to 10 percent).
 Carboxipolymethelyn (reduced from 20 percent to 5 percent).
 Flours, meals and pellets, of meat or meat offal (reduced from 10 percent to 1 percent).
 Walking-sticks, scat-sticks, whips, riding-crops (reduced from 30 percent to zero percent).
 Wood sawn or chipped lengthwise, sliced or peeled planed, sanded or finger-jointed (reduced from 5 percent to 1 percent).
 Chocolate and other food preparation containing cocoa 5 items (reduced from 30 percent and 10 percent).

Table 69. Thailand: Changes in the Trade System During 1995-2000 (Concluded)

November 1, 2000

Raw materials of goods under Information Technology Agreement including computer parts, rubber gaskets, washer and other rubber seals, optical fibers, rosin and resin acids, non-ionic organic surface-active agents, self-adhesive paper, 8 items (exempted from 3 percent, 5 percent and 30 percent).

Plastic in primary forms (polymers), 22 items (reduced from 10 percent, 20 percent to 5 percent).

Plastic articles including artificial guts (sausage casings), plastic sheets, spools, cops and bobbins, 11 items (reduced from 30 percent to 5 percent).

Plastic sheets used to produced telephone or electrical wire industries only, 3 items (reduced from 10 percent to 5 percent).

Synthetic organic coloring matter (reduced from 10 percent to 1 percent for 4 items and reduced from 10 percent to 5 percent for 6 items).

Titanium dioxide, 2 items (reduced from 5 percent, 10 percent to 1-5 percent).

Cyclohexane (reduced from 5 percent to 1 percent).

High tenacity yarn of nylon (reduced from 10 percent to 5 percent).

Nylon, polyester and other tire cord, 4 items (reduced from 20 percent to 10-15 percent).

Silicon-electrical steel, 8 items (reduced from 10 percent, 12 percent to 1 percent).

Alpha Olefin (reduced from 20 percent to 1 percent)

Glass beads, imitation pearls, imitation precious or semi-precious stones and similar glass small wares (reduced from 10 percent to 1 percent).

Aluminum sheet (reduced to 1 percent that was announced on 4 July 2000 will be applied to only the paper for packaging with the size of sheet wider than 1,200 millimeters and longer than 28,000 meters).

Copper cathodes (extending the tariff reduced to 1 percent on copper cathodes for three years which ended on 31 December 2000, will be extended to 31 December 2003).
