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MEMORANDUM FOR:

Handbook 1 cy
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**Directorate of
Intelligence**

Handbook of Economic Statistics, 1985

A Reference Aid

*CPAS 85-10001
September 1985*

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*Research for this report was completed
on 1 August 1985*

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Handbook of Economic Statistics, 1985

Purpose and Scope

The *Handbook of Economic Statistics, 1985*, provides statistics for selected non-Communist countries and all the Communist countries.

In general, the data in the *Handbook* are for 1960, 1965, 1970, 1975, and 1980-84. Data for the Communist and non-Communist countries have been adjusted, when necessary, to achieve comparability and therefore may differ from data presented in the original sources. Footnotes have been used liberally to give definitions, exceptions, and methodology. The base year for average annual rates of growth is the year prior to the stated period.

Rounding of the Totals

The totals have been rounded, with some exceptions, to three significant digits. Because of rounding, components may not add to the totals shown. Totals are not presented if missing data are believed to represent a significant part of the total. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation.

Symbols

The abbreviation NA (*not available*) is used when information about the existence of the data or the magnitude of the data is not available, and the abbreviation NEGL (*negligible*) is used when the magnitude of the data is less than one-half of the final unit employed for each table.

Sources

The data given for the most recent years are frequently preliminary and subject to revision. The data for the Communist countries are official data from the country cited, CIA estimates, or estimates made by other organizations. The data for the non-Communist countries are from publications of the United Nations, the Organization for Economic Cooperation and Development (OECD), publications of US Government agencies, unclassified publications of other international organizations or individual countries, or are estimates of this Office.

Terms

Unless otherwise indicated, the term *Communist Countries* includes the USSR, the countries of Eastern Europe, China, Albania, Cambodia, Cuba, Laos, North Korea, Vietnam, and Yugoslavia; the term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Romania. The term *European Community* includes Belgium, Denmark, France, Greece, Ireland, Italy, Luxembourg, the Netherlands, the United Kingdom, and West Germany. The term *developed countries* includes the European Community, Austria, Finland, Iceland, Israel, Liechtenstein, Portugal, Malta, Norway, Spain, Sweden, Switzerland, Turkey, Australia, Canada, Japan, New Zealand, the Republic of South Africa, and the United States. The term *Organization for Economic Cooperation and Development (OECD)* includes all the developed countries, except Liechtenstein, Malta, Israel, and the Republic of South Africa.

The Big Six includes Canada, France, Italy, Japan, the United Kingdom, and West Germany. The Big Seven includes the United States and the Big Six.

Except for economic aid data, the term *less developed countries* includes the following:

- All independent countries of Africa except the Republic of South Africa.
- All independent countries of East Asia except Japan.
- All independent countries in Latin America except Cuba.
- All independent countries in the Middle East and South Asia, except Israel and Turkey.

Except for Cyprus, no country in either Eastern or Western Europe is in the LDC grouping. Except for Hong Kong, no territory that is a possession, trust, or protectorate is included in the LDC grouping.

The definition of *less developed countries* for economic aid conforms to that used by the Development Assistance Committee (DAC) of the OECD and other aid agencies and includes the following non-Communist countries:

- All independent countries of Africa except the Republic of South Africa.
- All countries of East Asia except Hong Kong and Japan.
- Malta, Portugal, and Spain in Europe.
- All independent countries in Latin America, except Cuba.
- All countries in the Middle East and South Asia.

Totals for the country groupings may or may not include all of the countries listed above, depending on the commodity or services listed.

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Figure 1
Gross National Product Per Capita, 1984 (in 1984 US \$)

Bahrain	Greenland	Norway	United Arab Emirates
Bermuda	Japan	Qatar	United States
Brunei	Kuwait	Saudi Arabia	West Germany
Canada	Liechtenstein	Sweden	
Denmark	Nauru	Switzerland	
\$5,001 to \$10,000			
American Samoa	France	Italy	Poland
Australia	French Polynesia	Libya	Romania
Austria	Gabon	Luxembourg	Singapore
Belgium	Guam	Martinique	Trinidad and Tobago
Bulgaria	Hong Kong	Monaco	United Kingdom
Czechoslovakia	Hungary	Netherlands	USSR
East Germany	Iceland	New Caledonia	Virgin Islands (US)
Faroe Islands	Ireland	New Zealand	Yugoslavia
Finland	Israel	Oman	
\$1,001 to \$5,000			
Algeria	Dominica	Macau	St. Lucia
Andorra	Dominican Republic	Malaysia	San Marino
Antigua and Barbuda	Ecuador	Mali	Seychelles
Argentina	Falkland Islands	Mauritius	South Africa
Bahamas, The	Fiji	Mexico	South Korea
Barbados	French Guiana	Mongolia	Spain
Belize	Gibraltar	Montserrat	Suriname
Brazil	Greece	Morocco	Syria
Chile	Guadeloupe	Netherlands Antilles	Thailand
China-Taiwan	Guatemala	Panama	Tunisia
Colombia	Iran	Paraguay	Turkey
Cook Islands	Iraq	Peru	Uruguay
Costa Rica	Ivory Coast	Portugal	Venezuela
Cuba	Jamaica	Puerto Rico	
Cyprus	Jordan	Reunion	
\$401 to \$1,000			
Albania	Guyana	Pakistan	Tuvalu
Angola	Honduras	Papua New Guinea	Vanuatu
Anguilla	Indonesia	Philippines	Wallis and Futuna
Bolivia	Kenya	St. Christopher and Nevis	Islands
Botswana	Kiribati	St. Vincent and the Grenadines	Western Samoa
Cameroon	Lebanon	Senegal	Yemen Arab Republic
Congo	Liberia	Solomon Islands	Yemen, People's Democratic Republic of
Djibouti	Madagascar	Sri Lanka	Zambia
Egypt	Maldives	Sudan	Zimbabwe
El Salvador	Mauritania	Swaziland	
Equatorial Guinea	Namibia	Tonga	
Gambia, The	Nicaragua	Turks and Caicos Islands	
Ghana	Nigeria		
Grenada	North Korea		
\$50 to \$400			
Afghanistan	China-Mainland	Mozambique	Western Sahara
Bangladesh	Comoros	Nepal	Zaire
Benin	Ethiopia	Niger	
Bhutan	Guinea	Rwanda	
Burkina Faso	Guinea-Bissau	Sao Tome and Principe	
Burma	Haiti	Sierra Leone	
Burundi	India	Somalia	
Cambodia	Laos	Tanzania	
Cape Verde	Lesotho	Togo	
Central African Republic	Malawi	Uganda	
Chad	Mali	Vietnam	



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The United States Government has not recognized the incorporation of Estonia, Latvia, and Lithuania into the Soviet Union. Other boundary representation is not necessarily authoritative.

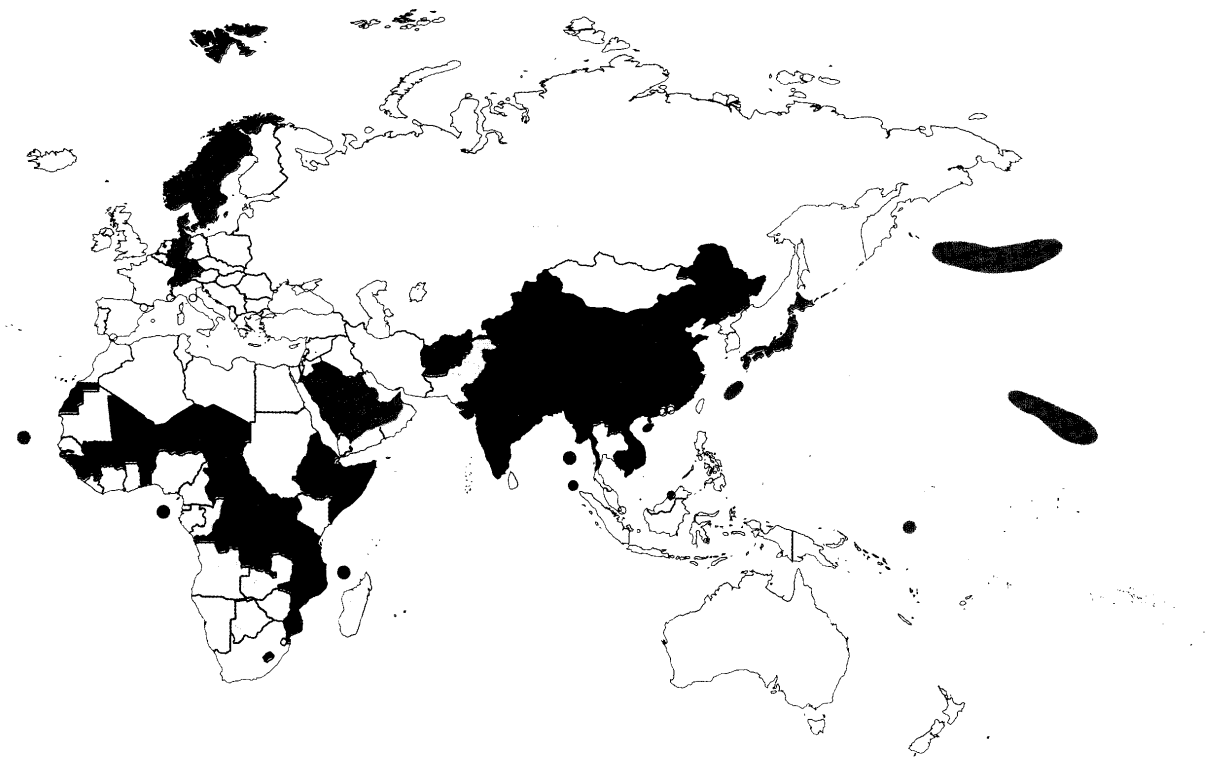
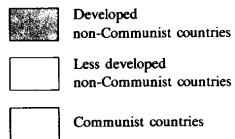
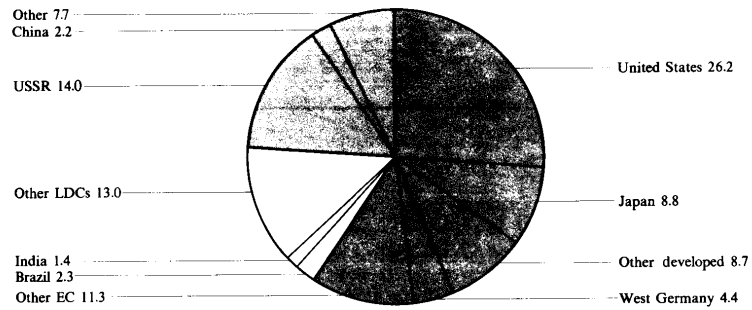


Figure 2
World Gross National Product and Population, 1984

Percent



Total GNP: 14,000 Billion 1984 US \$



Total Population: 4.8 Billion Persons

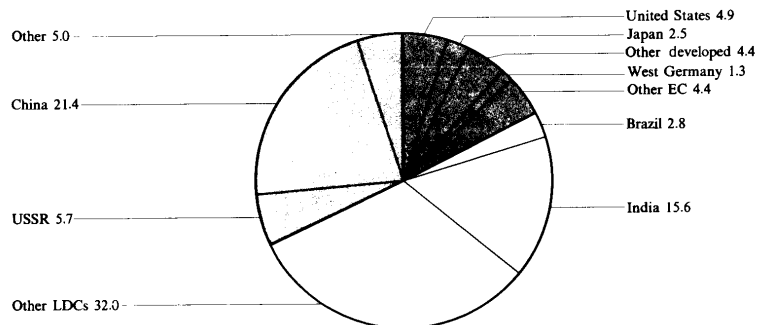


Figure 3
Real Gross National Product Trends

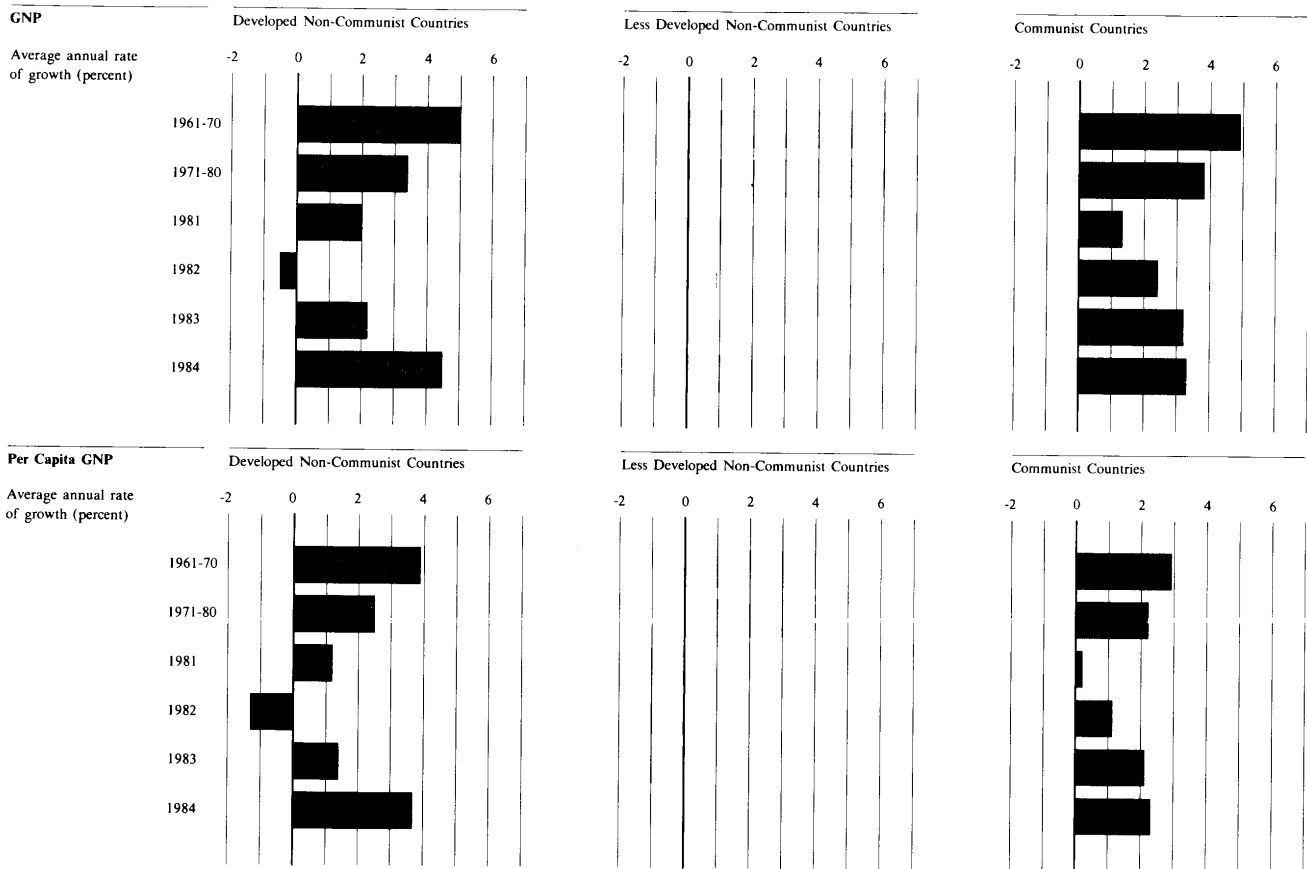
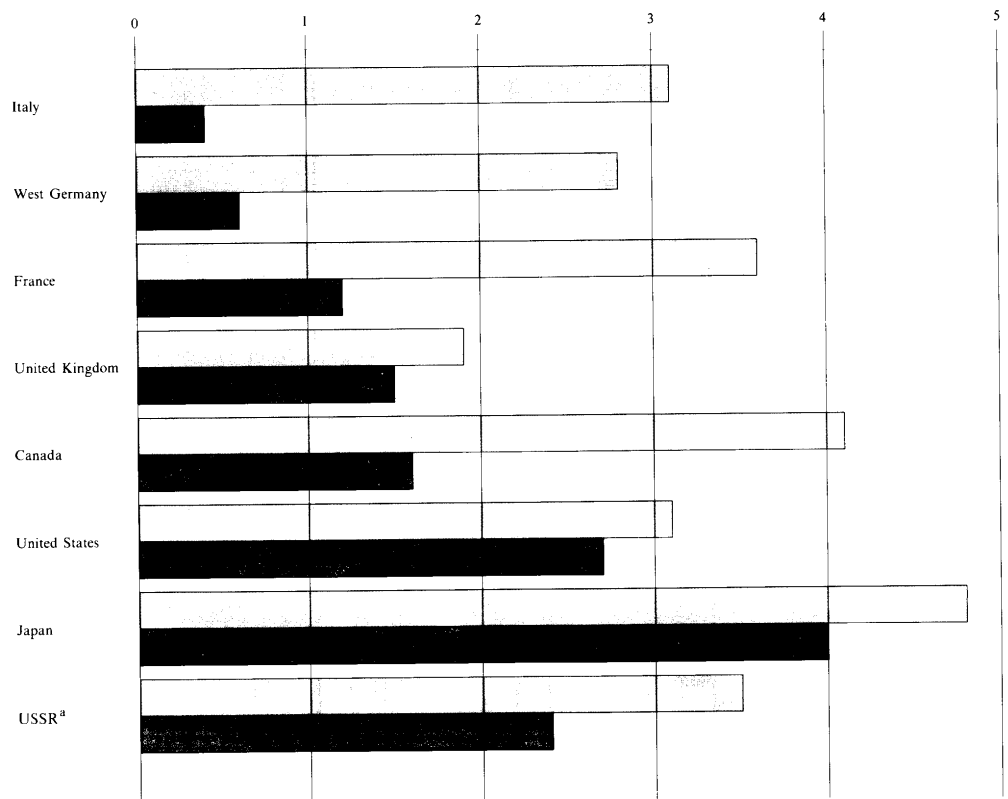
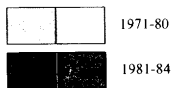


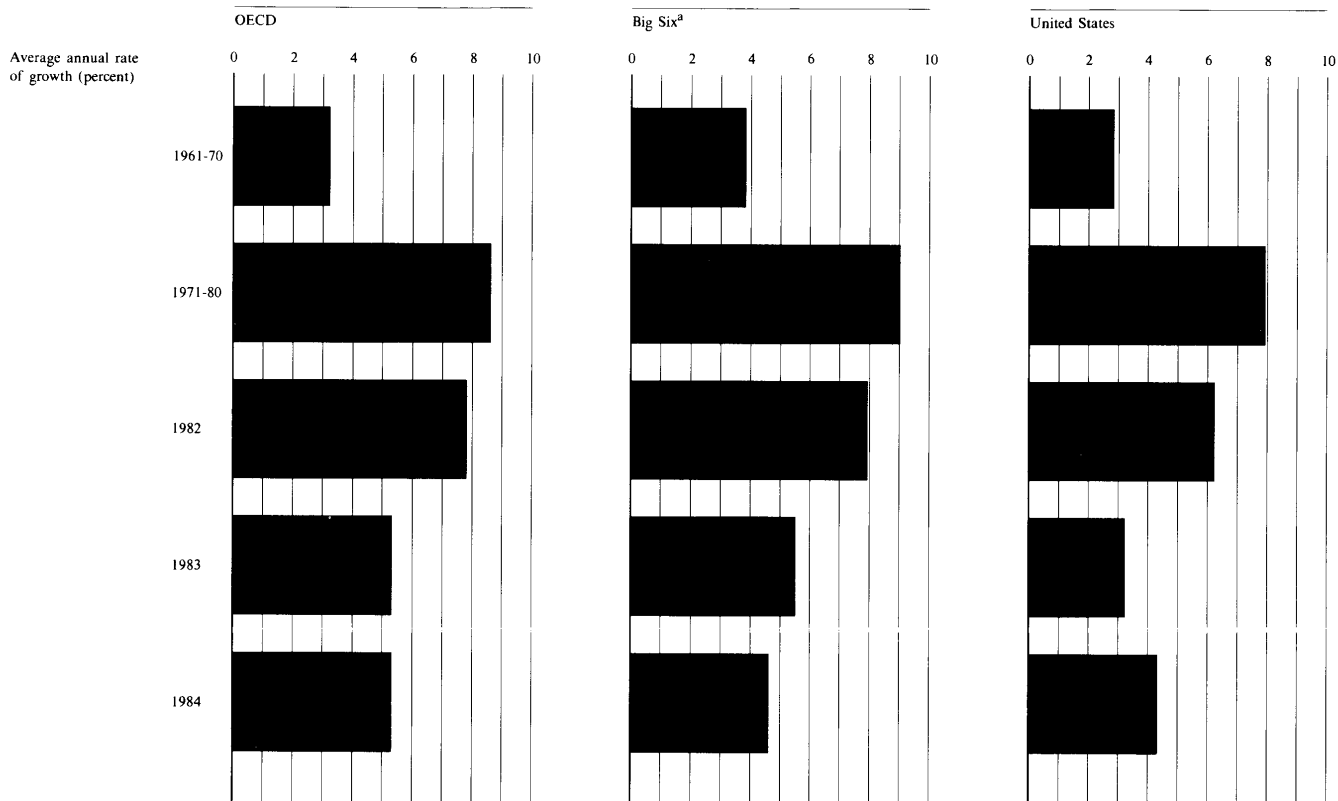
Figure 4
Real Gross National Product Comparisons

Average annual rate of growth (percent)



^aGrowth at factor cost.

Figure 5
Developed Countries: Aggregate Inflation-Rate Trends



^a Japan, West Germany, France, United Kingdom, Italy, and Canada.

Figure 6
Less Developed Countries: Aggregate Real GNP Growth Rates

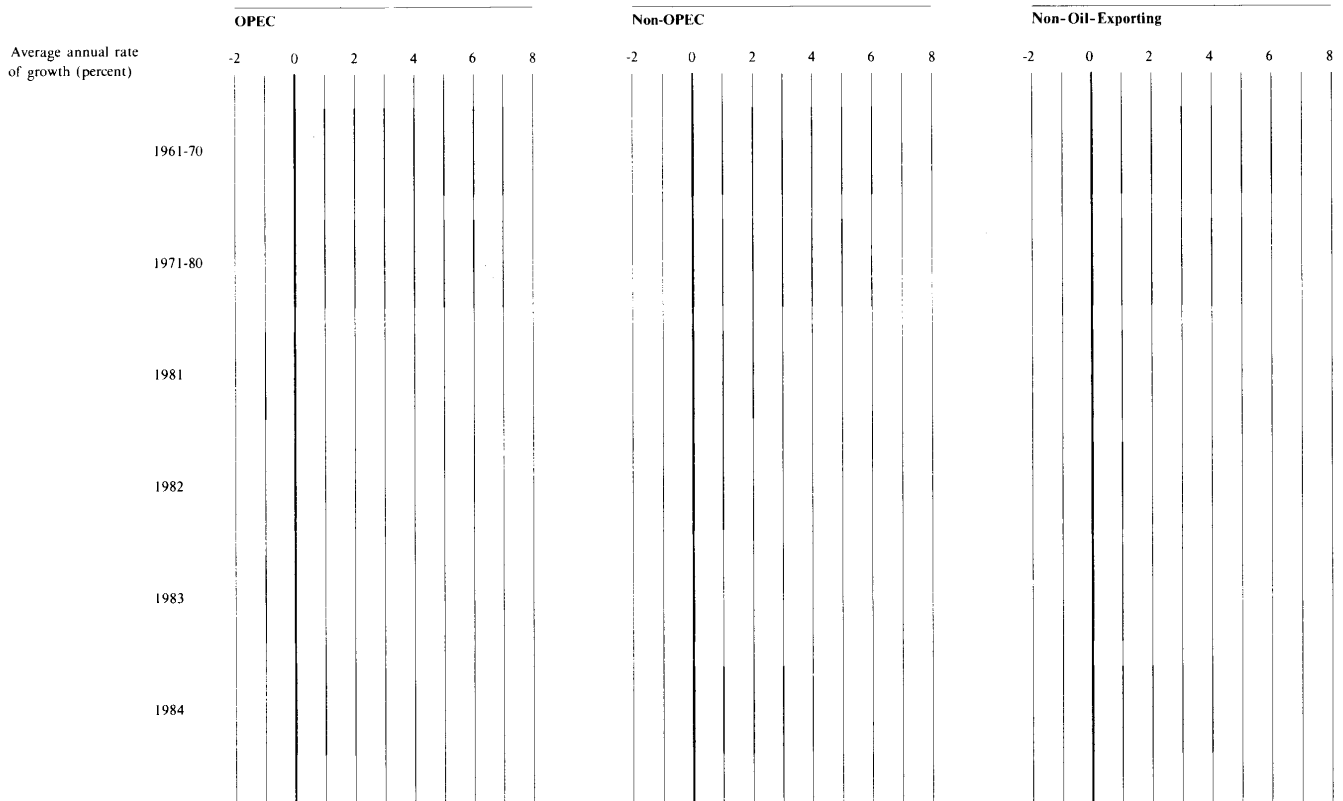


Figure 7
Less Developed Countries: Aggregate Inflation-Rate Trends

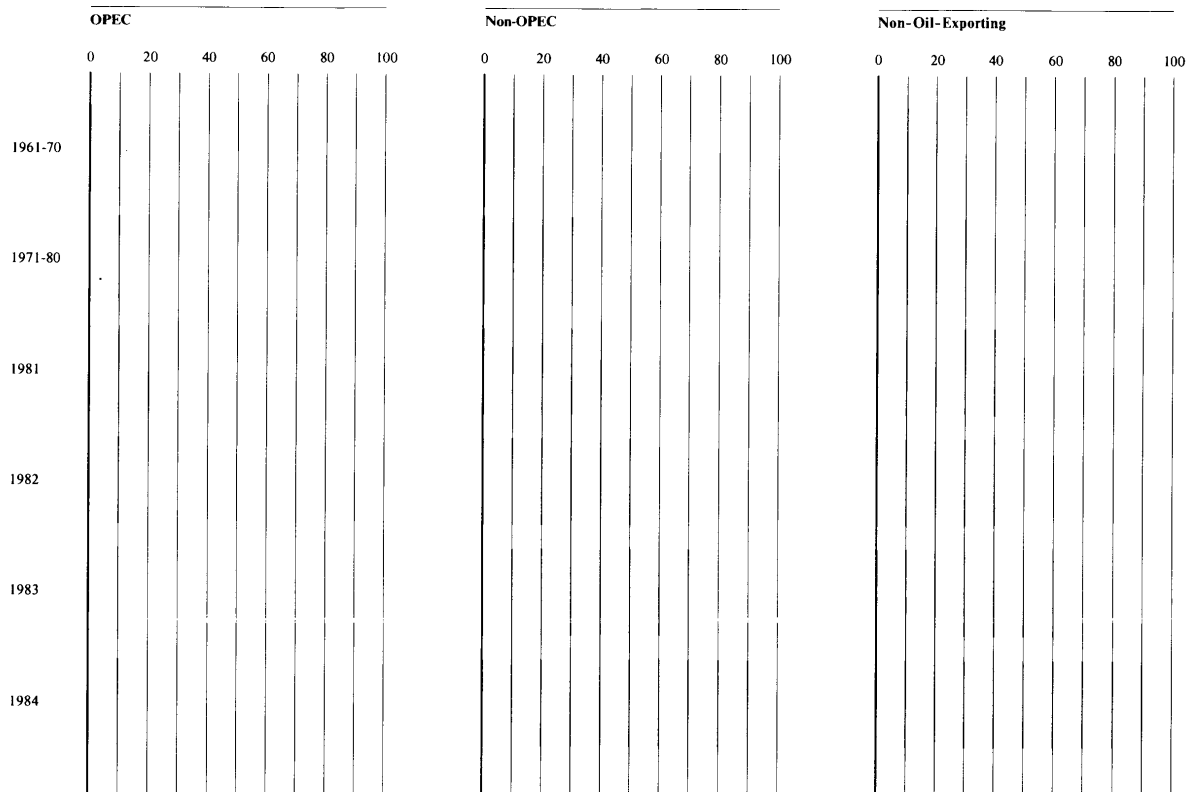
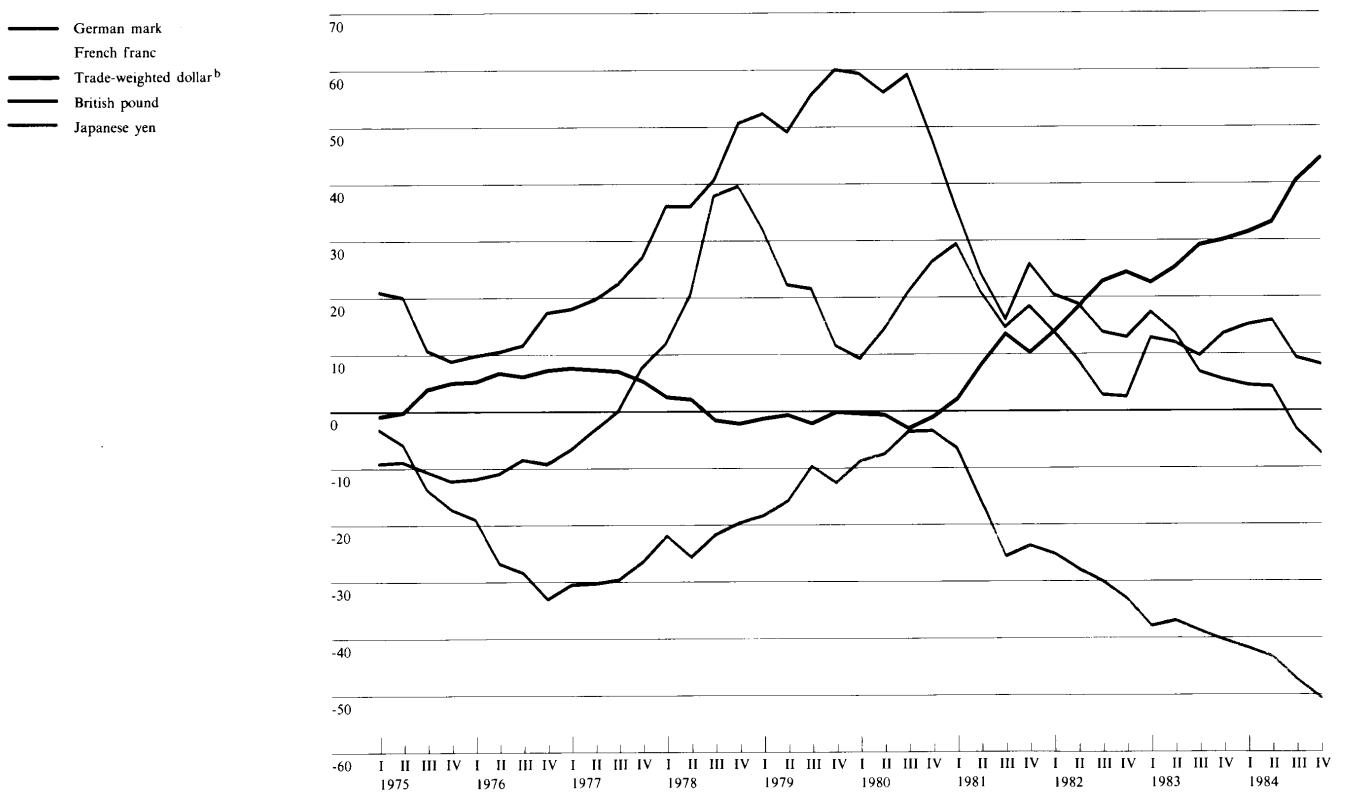


Figure 8
Percent Change in the Value of Selected Foreign Currencies Relative to the US Dollar^a



^a Change relative to selected foreign currencies, compared to March 1973.

^b Relative to 16 major currencies, weighted by 1979-80 trade in manufactures.

Figure 9
Government Receipts, Outlays, and Balances, as a Share of GDP

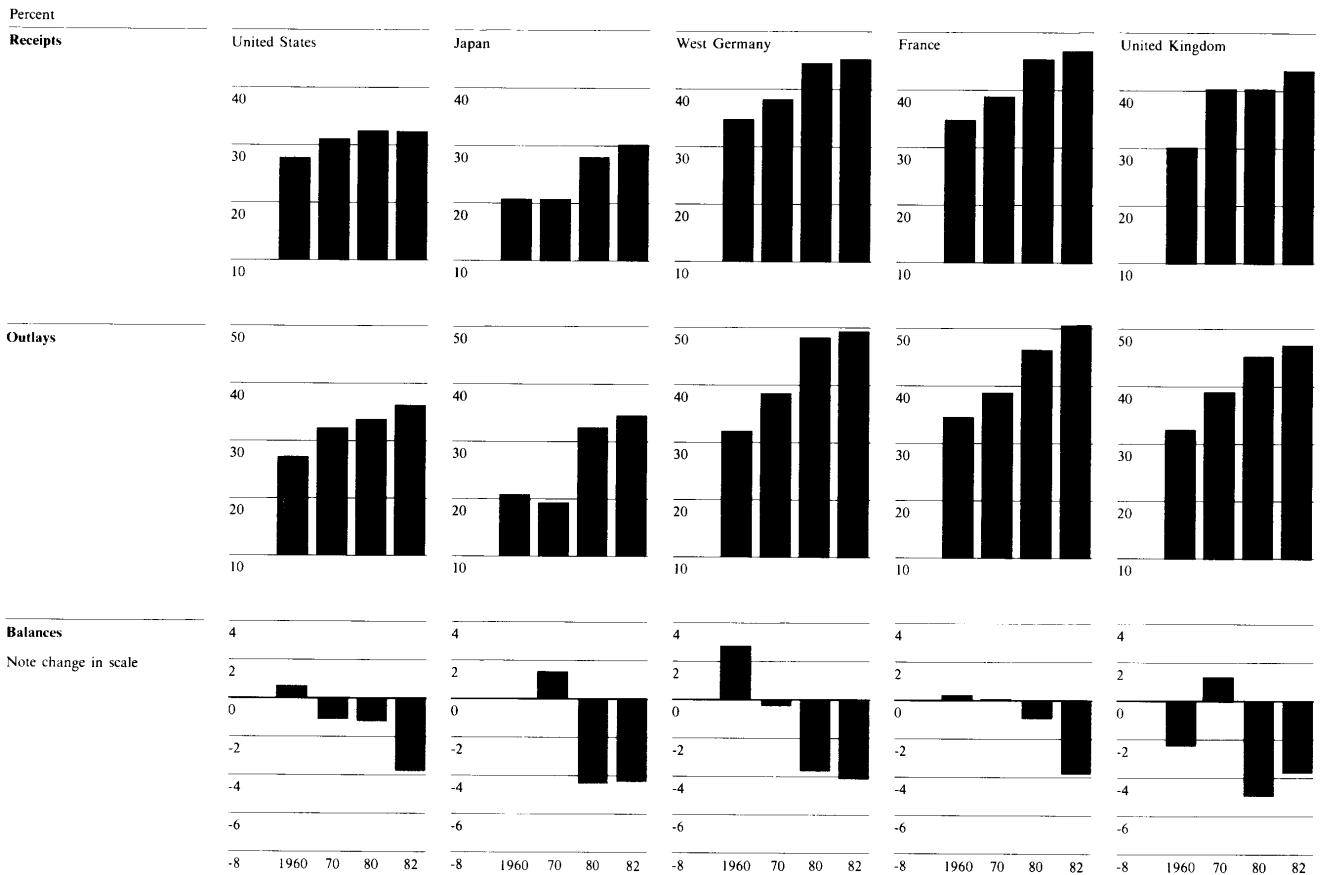


Figure 10
Selected Industrial Countries: Comparative Tax Burden, 1982

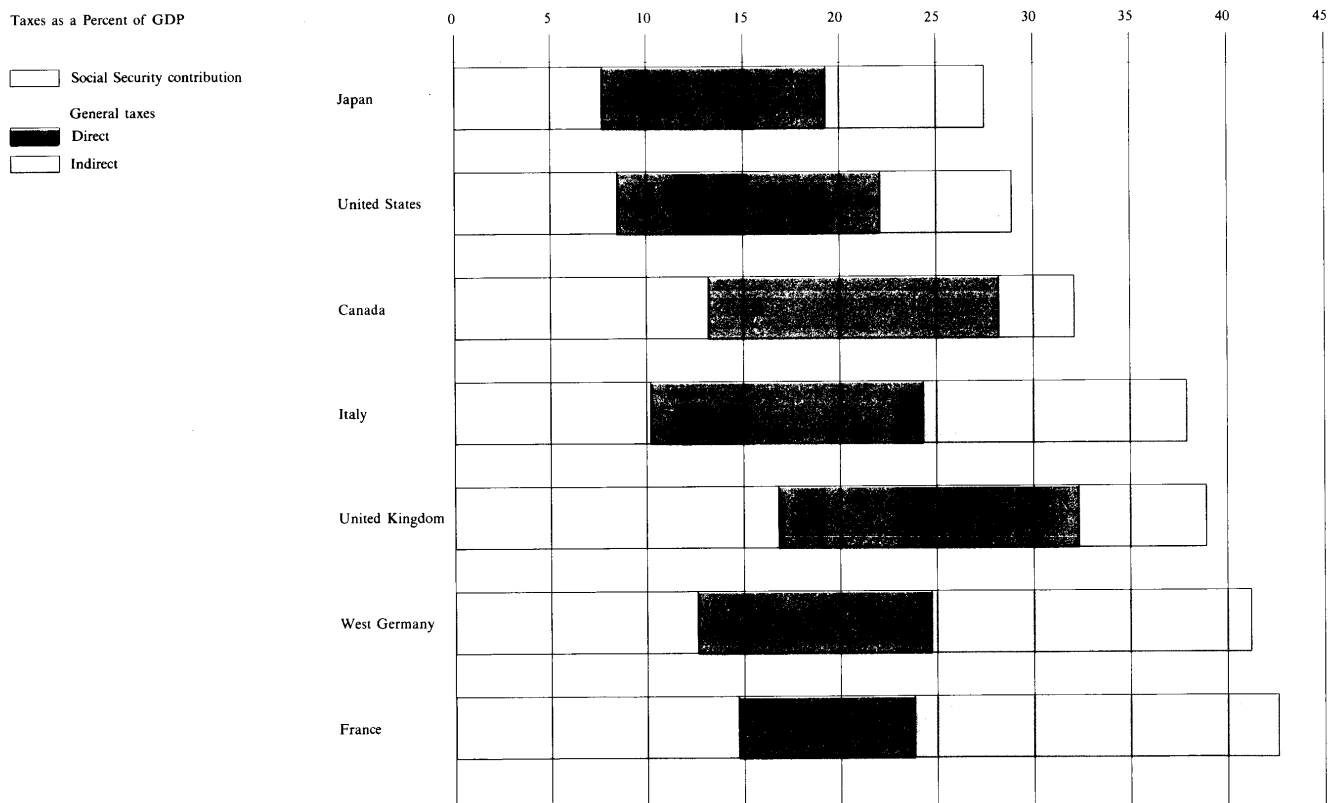


Figure 11
Selected Developed Countries: Trends in Interest Rates

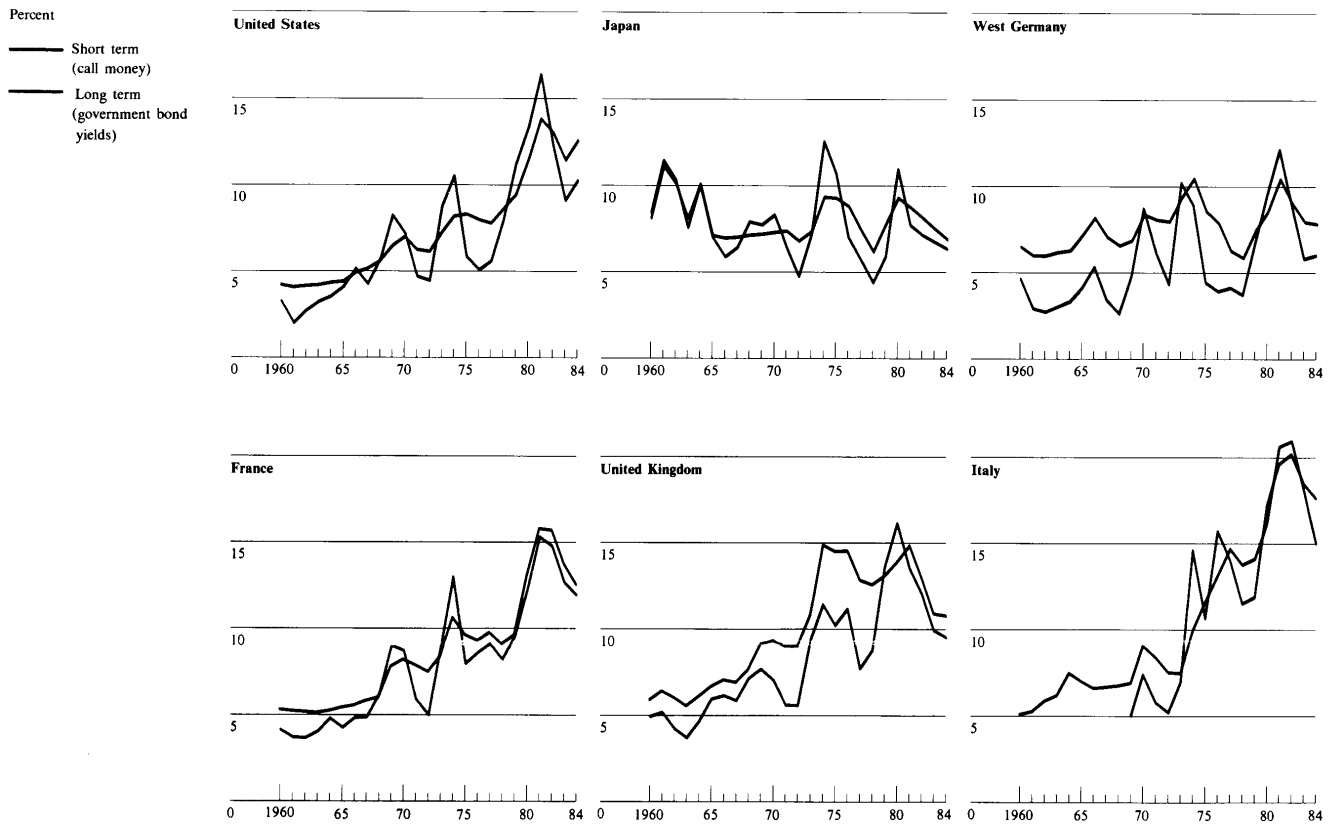


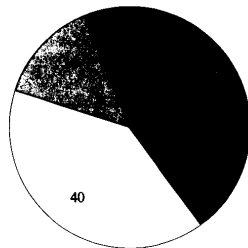
Figure 12
Soviet and East European Economic Aid Extended to Less Developed Countries

Percent

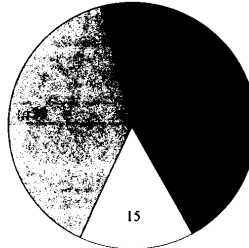
- Middle East
- Asia
- ▨ Africa
- Latin America

USSR

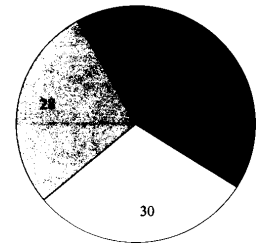
1954-74: US \$10.1 billion



1975-79: US \$10.3 billion

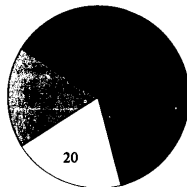


1980-84: US \$9.6 billion

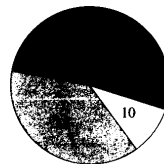


Eastern Europe

1954-74: US \$5.8 billion



1975-79: US \$4.3 billion



1980-84: US \$4.5 billion

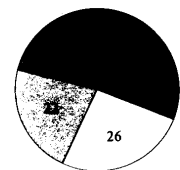


Figure 13
USSR: Military Agreements With Less Developed Countries

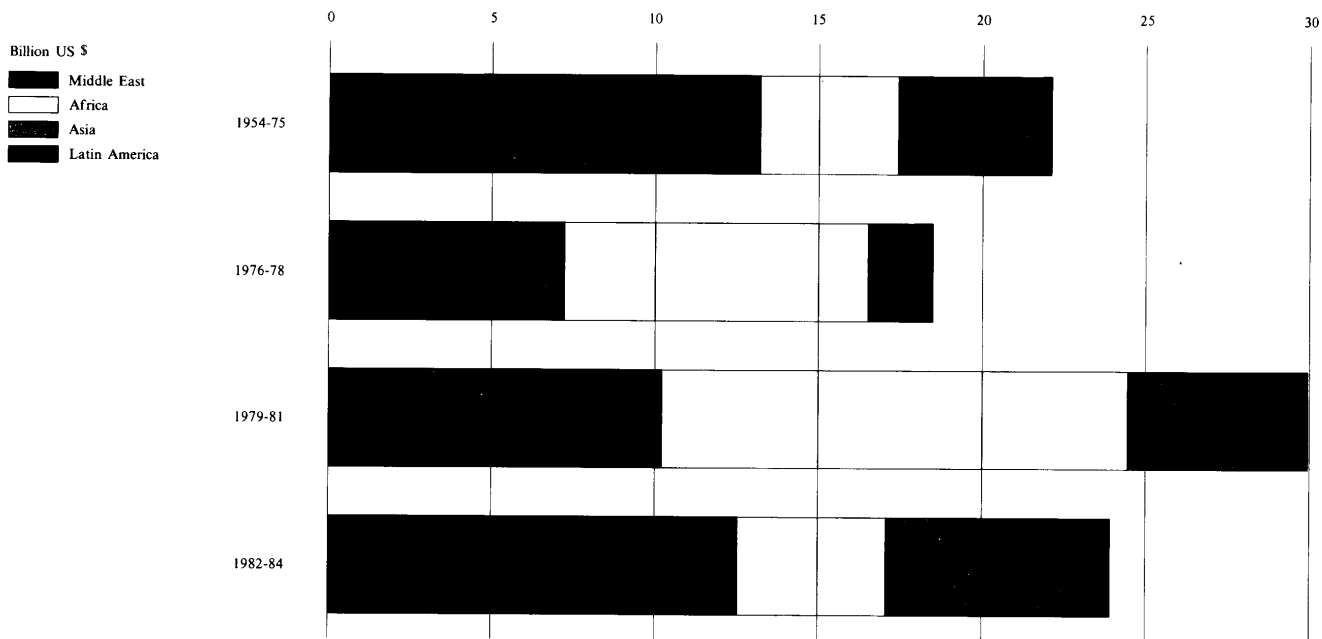
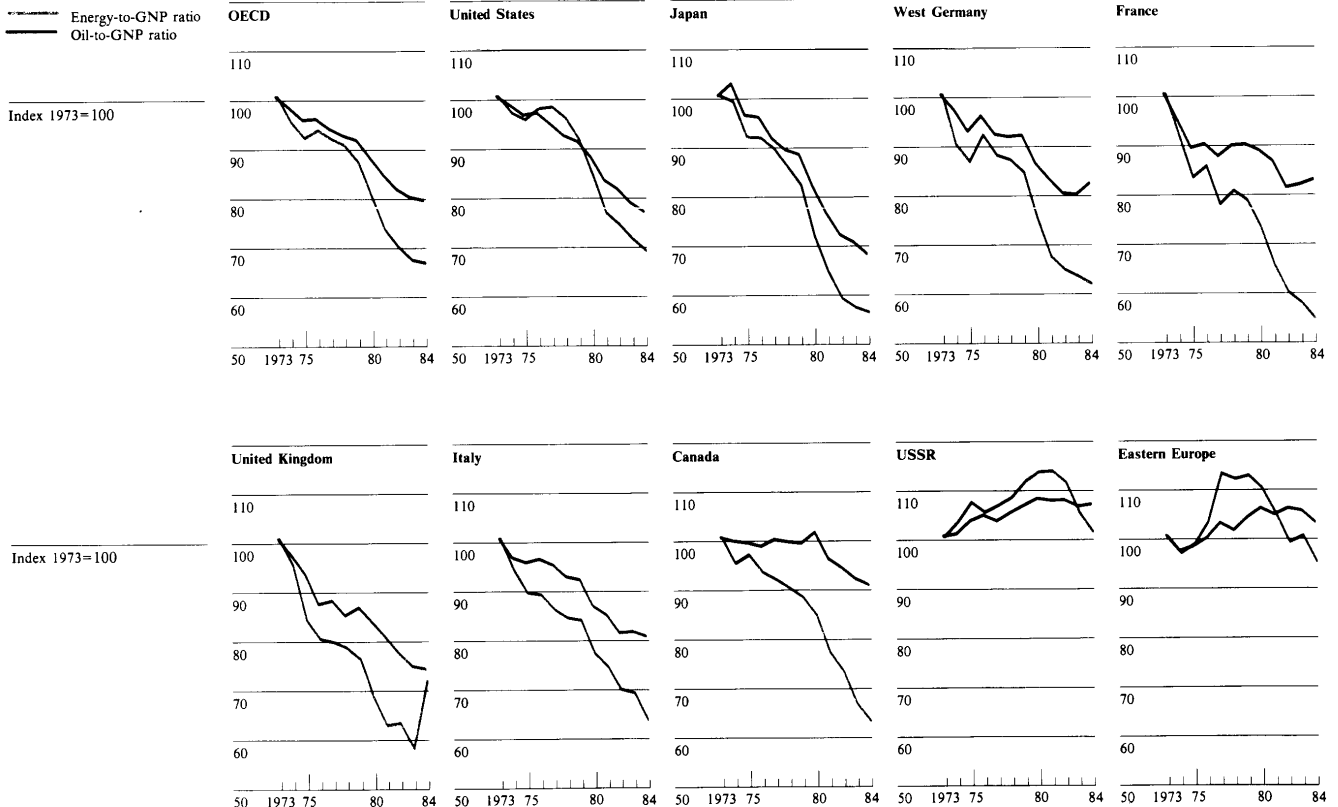


Figure 14
Measures of Energy Efficiency



² Care should be taken in comparing Soviet oil-to-GNP ratio directly with the ratio of Western countries. The Soviet series is based on apparent oil consumption because the Soviets do not publish data on oil consumption. The apparent consumption series does not take into consideration possible changes in year-to-year oil stock levels and is based on reported oil production and estimates of oil exports and imports.

Figure 15
Minerals and Metals: Net Imports as a Share of Consumption, 1984

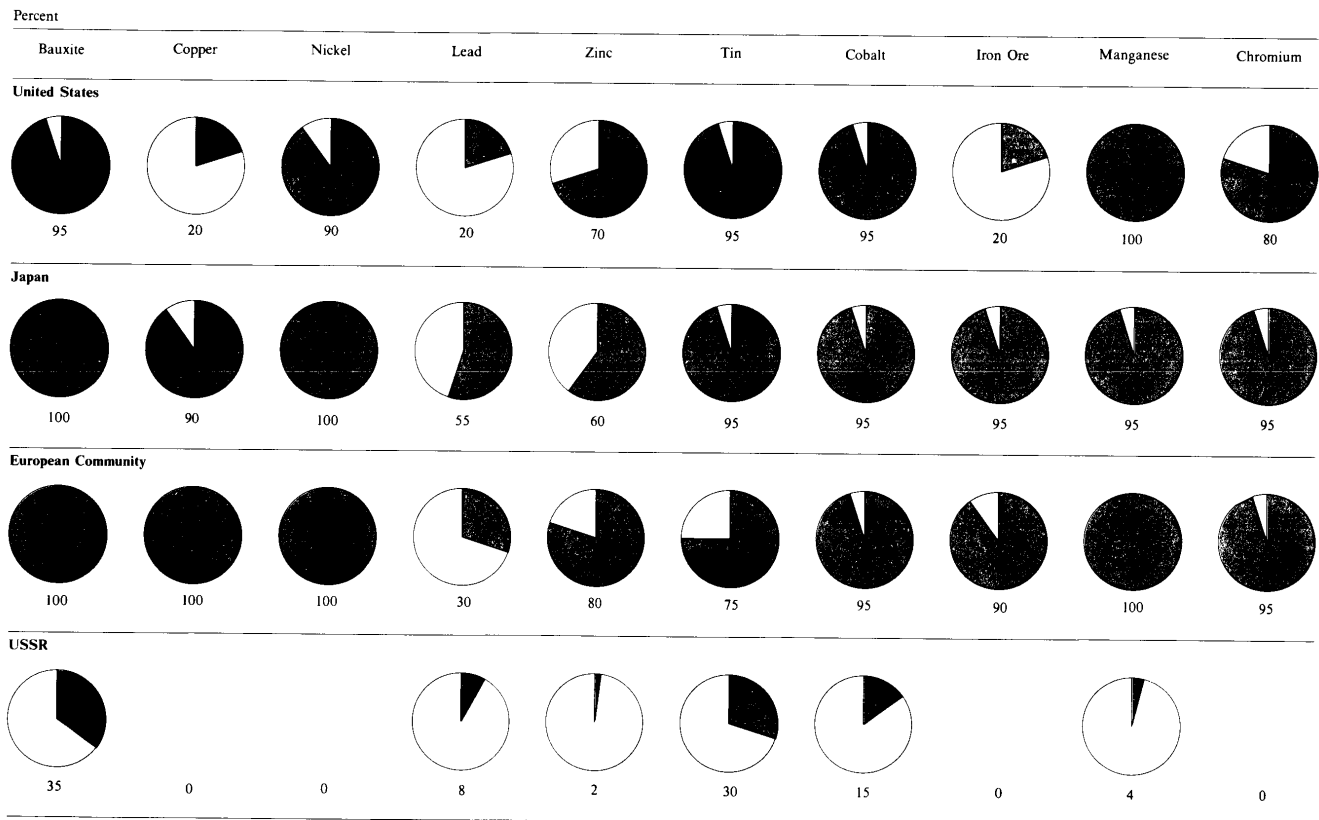






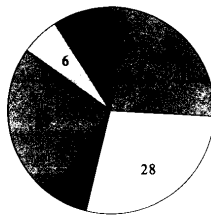


Figure 16
World Crude Steel Production

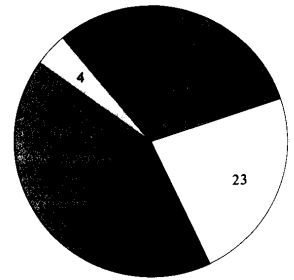
Percent

-  United States
-  European Community
-  Japan
-  USSR/Eastern Europe
-  Other Communist
-  Other

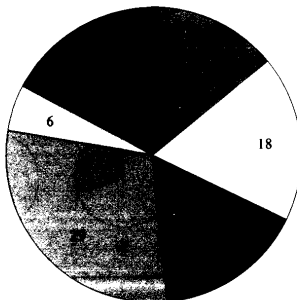
1960
Total: 346 Million Metric Tons



1970
Total: 594 Million Metric Tons



1980
Total: 714 Million Metric Tons



1984
Total: 690 Million Metric Tons

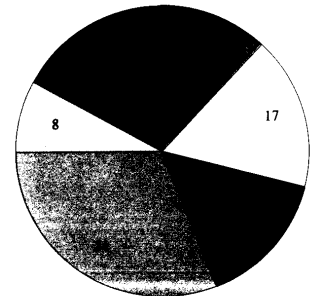
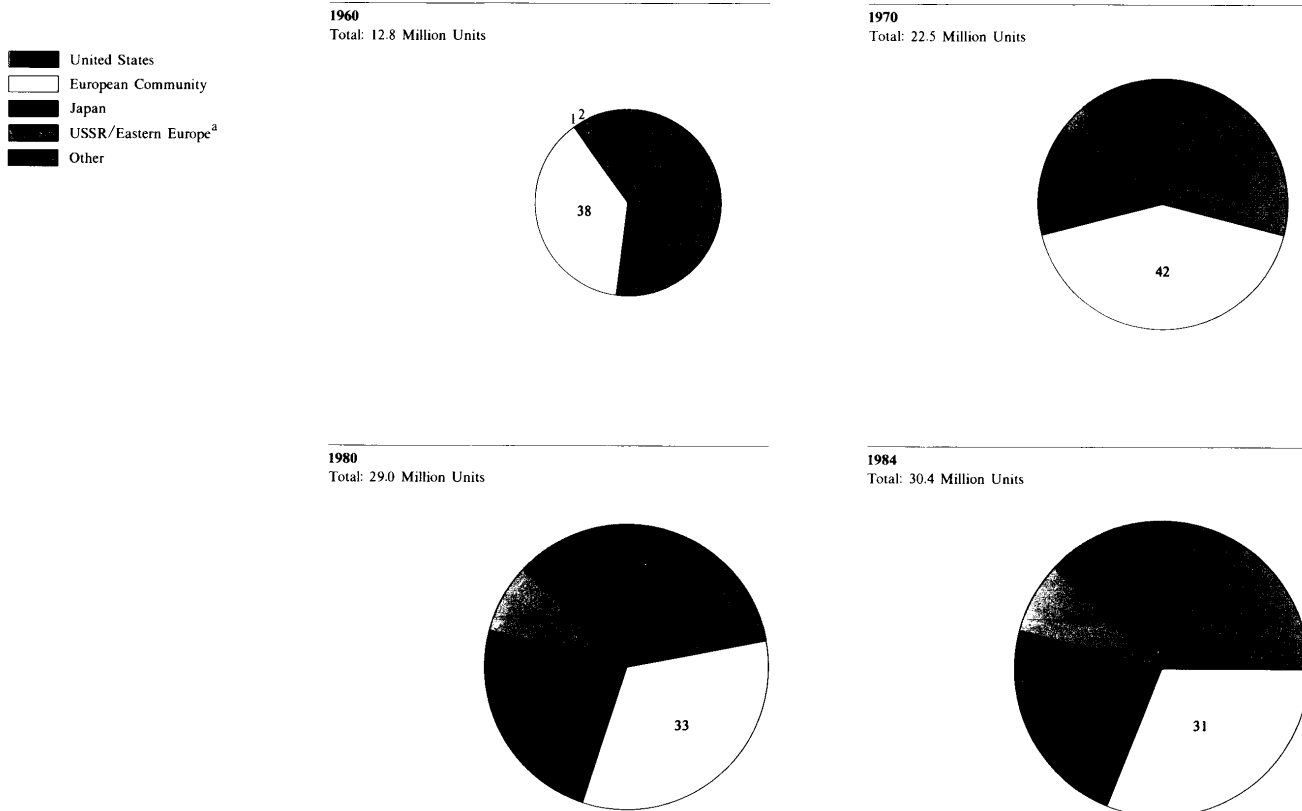
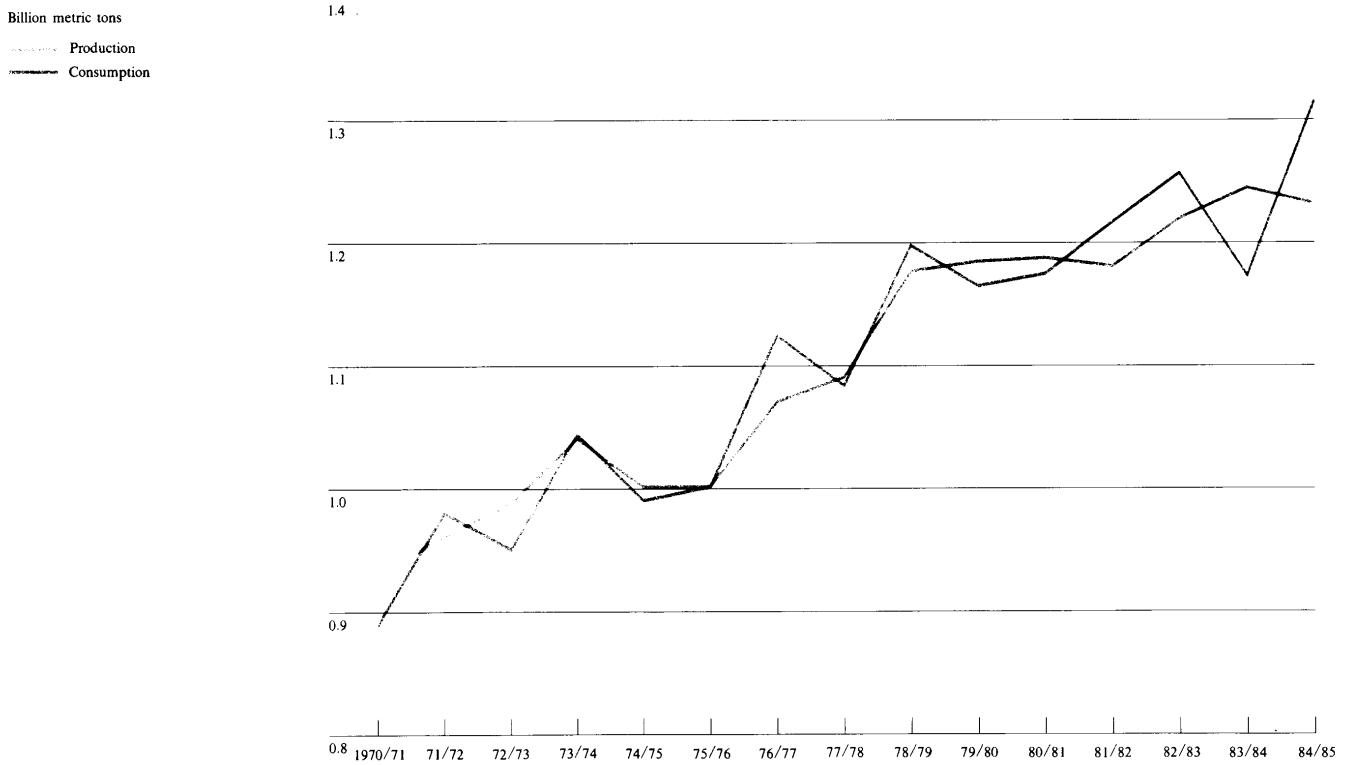


Figure 17
World Passenger Automobile Production



^a Data include production in Yugoslavia.

Figure 18
World Wheat and Coarse Grain^a Supplies



^a Includes corn, sorghum, barley, oats, millet, rye, wheat, and miscellaneous grains.

Economic Profile

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Table 1
Selected World Statistics ^a

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Gross national product (billion 1984 US \$)	5,300	6,780	8,770	10,900	12,900	13,100	13,200	13,500	14,000
Population (million persons, midyear)	3,063	3,357	3,722	4,107	4,478	4,559	4,641	4,721	4,800
Agricultural production index (1975=100)	65	73	88	100	110	114	117	117	122
Exports (billion US \$)	129.8	189.9	313.1	873.8	1,995.4	1,974.3	1,849.7	1,808.8	1,897.0
Crude oil, excluding natural gas liquids (million b/d)	21.0	30.3	45.7	53.0	59.5	55.8	53.0	52.6	53.8
Natural gas (trillion cubic feet)	NA	24.5	38.1	46.5	54.4	55.7	55.1	55.4	58.9
Hard coal (million metric tons)	1,985 ^b	2,034 ^b	2,141	2,361	2,728	2,728	2,829	2,829	2,997
Brown coal and lignite (million metric tons)	640	742	794	869	1,005	1,034	1,069	1,091	1,127
Electricity (billion kilowatt hours)	2,348	3,412	4,953	6,519	8,247	8,397	8,477	8,797	8,953
Iron ore (million metric tons)	522	621	769	892	896	861	796	800	839
Bauxite (million metric tons)	27.6	37.4	57.8	75.1	88.8	86.0	73.2	77.4	85.2
Pig iron (million metric tons)	259	335	431	468	510	501	454	466	480
Crude steel (million metric tons)	346	459	594	651	714	704	641	644	690
Refined copper (thousand metric tons)	NA	6,157	7,543	8,344	8,916	9,171	9,119	9,340	9,680
Primary aluminum (million metric tons)	4.5	6.3	9.7	12.0	15.4	15.1	13.3	14.8	16.5
Smelter lead (thousand metric tons)	2,313	2,641	3,292	3,369	3,205	3,159	3,237	3,910	3,590
Refined zinc (thousand metric tons)	3,025	3,949	4,827	5,460	6,057	6,140	5,881	6,175	6,310
Primary tin (thousand metric tons)	192	200	227	226	248	242	241	210	223
Mineral fertilizer ^c (million metric tons, nutrient content)	NA	42.8	66.3	93.3	119.0	124.9	119.0	119.6	130.2
Nitrogen fertilizer ^c (million metric tons of N)	NA	16.8	30.2	42.5	59.7	62.8	62.0	63.5	68.6
Phosphate fertilizer ^c (million metric tons of P ₂ O ₅)	NA	13.8	19.2	27.1	33.4	34.6	31.1	31.7	33.8
Potassium fertilizer ^c (million metric tons of K ₂ O)	NA	12.1	16.9	23.7	25.9	27.5	25.9	24.4	27.8
Synthetic fibers (thousand metric tons)	700	2,050	4,870	7,450	10,475	10,830	10,142	9,538	9,513
Automobiles (thousand units)	12,800	19,100	22,500	25,220	28,997	27,567	26,130	29,686	30,413
Cement (million metric tons)	NA	439	585	720	867	875	888	890	911
Grain (million metric tons)	929	1,010	1,220	1,330	1,530	1,610	1,660	1,600	1,750
Wheat (million metric tons)	240	262	319	360	446	454	485	496	521
Coarse grain (million metric tons)	414	441	540	613	682	747	753	655	764
Rice (million metric tons)	162	166	312	359	399	412	423	450	468
Potatoes (million metric tons)	285	285	312	285	264	288	284	286	306
Sugar (million metric tons)	61.4	67.2	76.7	81.7	87.7	96.1	107	101	102
Coffee (thousand metric tons)	NA	4,929	3,566	4,393	4,793	6,026	4,963	5,518	NA

Table 1 (continued)
Selected World Statistics ^a

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Fish catch (<i>million metric tons</i>)	40.2	53.2	65.6	66.0	72.3	75.1	76.8	NA	NA
Cattle (<i>million head</i>)	901	1,072	1,096	1,202	1,205	1,214	1,257	1,260	1,266
Hogs (<i>million head</i>)	519	575	594	655	793	778	767	777	778
Meat (<i>million metric tons</i>)	65.4	73.3	102	117	138	132	133	137	139
Milk (<i>million metric tons</i>)	315	342	362	392	428	430	432	448	449
Wool (<i>thousand metric tons</i>)	2,450	2,540	2,840	2,722	2,773	2,820	2,854	2,866	2,905
Ginned cotton (<i>million metric tons</i>)	10.4	12.2	11.8	11.7	14.0	15.4	14.7	14.7	18.4
Tobacco (<i>thousand metric tons</i>)	NA	4,581	4,675	5,445	5,289	5,974	6,882	5,923	NA
Railroad freight (<i>billion ton-kilometers</i>)	3,338	4,195	5,020	5,958	6,766	6,797	6,775	NA	NA
Fishing fleet inventory									
(<i>number</i>)	NA	NA	12,889	18,940	21,523	21,800	21,926	22,231	21,913
(<i>thousand GRT</i>)	NA	NA	7,804	11,339	12,669	12,923	12,819	13,031	12,806
Merchant fleet inventory									
(<i>number</i>)	17,229	17,825	19,503	22,353	23,855	24,247	24,467	24,503	24,699
(<i>million DWT</i>)	171.6	214.1	325.1	556.4	638.1	653.0	660.2	647.1	646.9
Tanker fleet inventory									
(<i>number</i>)	3,371	3,533	4,119	5,177	5,439	5,606	5,647	5,600	5,574
(<i>million DWT</i>)	63.7	89.6	152.4	301.7	379.9	378.8	374.0	352.6	337.9

^a For more detailed descriptions and definitions, refer to the respective table.

^b Including brown coal at its hard coal equivalent.

^c Fertilizer year ending 30 June of the stated year.

Table 2
Economic Profile: Developed Countries, 1984

	United States	Canada	Japan	European Community					
				Total	France	Italy	Netherlands	United Kingdom	West Germany
Aggregative data									
Population									
Million persons at midyear	236.7	25.2	120.0	272.7	54.8	57.0	14.4	56.4	61.2
Percent change	0.9	1.0	0.6	0.1	0.4	0.3	0.4	NEGL	-0.4
Gross national product									
Billion 1984 US \$ ^a	3,662.8	334.1	1,233.5	2,200	496.8	352.3	123.8	426.3	616.1
Percent real growth	6.8	2.4	5.8	2.2	1.8	3.0	1.2	2.0	2.5
Per capita (1984 US \$)	15,470	13,260	10,280	8,070	9,060	6,180	8,580	7,560	10,070
Industrial production (percent growth)	10.7	8.7	11.1	NA	2.6	3.1	5.7	1.0	2.4
Industry									
Primary energy (million b/d oil equivalent)	33.1	5.1	1.4	11.1	1.8	0.5	1.3	4.3	2.5
Electricity (billion kilowatt-hours)	2,574	435	644	1,370	333	184	63	282	394
Crude steel (million metric tons)	83.9	14.7	105.6	119	19.0	24.0	5.7	15.2	39.4
Cement (million metric tons)	70.8	8.7	78.8	130	23.1	38.9	3.2	13.5	28.7
Trade									
Exports, f.o.b. (billion US \$)	217.9 ^b	90.3	169.7	574.4^c	97.6	73.3	65.7	93.8	171.7
Imports, c.i.f. (billion US \$)	341.2	78.5	136.2	591.6^c	103.7	84.2	62.3	104.9	153.0
Trade balance (billion US \$)	-123.3	11.8	33.5	-17.2^c	-6.2	-10.9	3.4	-11.1	18.7
Indicators of living standards									
Grain production (kilograms per capita)	1,330	1,660	130	550	1,040	350	98	470	430
Meat production (kilograms per capita)	105	97	28	84	93	61	155	57	85
Automobile registrations (units per thousand persons)	535 ^c	426 ^d	216 ^d	328^d	375 ^d	347 ^d	324 ^d	286 ^d	359 ^d
Energy consumption (barrels oil equivalent per capita) ^e	54	62	22	25	25	17	33	25	30
Consumer prices (percent growth in 1984)	4.3	4.3	2.3	NA	7.7	10.6	3.3	5.0	2.4
Life expectancy (years) ^e	73	74	76	NA	74	73	76	71	72

^a Data were converted from national currencies at average 1984 Par Rate/Market Rate factors.

^b Excluding Department of Defense shipments.

^c Data are for 1983.

^d Data are for 1982.

^e Latest available data.

Table 3
Economic Profile: Communist Countries, 1984

	USSR	Eastern Europe						China	Yugo- slavia	
		Total	Bulgaria	Czecho- slovakia	East Germany	Hungary	Poland			Romania
Aggregative data										
Population										
Million persons at midyear	275.0	111.4	9.0	15.5	16.7	10.7	36.9	22.6	1,030.0	23.0
Percent increase	0.9	0.5	0.2	0.3	-0.1	-0.2	0.9	0.4	1.0	0.7
Gross national product ^a										
Billion 1984 US \$	1,957.6	771	56.4	127.9	163.7	77.0	228.5	117.6	306.3	128.8
Percent real growth	2.5	3.1	3.1	2.3	3.0	1.3	3.4	4.3	12.0	1.7
Per capita (1984 US \$)	7,120	6,920	6,270	8,250	9,800	7,200	6,190	5,200	300	5,600
Industrial production (percent growth)	3.8	2.7	2.4	2.8	2.1	2.3	4.5	3.5	14.1	5.6
Industry										
Primary energy (million b/d oil equivalent)	30.0	6.6	0.2	1.0	1.4	0.3	2.5	1.1	10.7	0.6
Electricity (billion kilowatt-hours)	1,493	466	45	78	110	26	135	72	375	74
Crude steel (million metric tons)	154.0	60.0	2.9	14.8	7.6	3.8	16.5	14.4	43.4	4.2
Cement (million metric tons)	130.0	62.6	5.7	10.5	11.6	4.1	16.7	14.0	121.1	9.3
Trade										
Exports, f.o.b. (billion US \$)	91.5	101.1	12.8	17.4	25.2	16.3	17.4	12.0	27.4	10.5
Imports, f.o.b. (billion US \$)	80.4	94.9	12.7	17.6	23.0	15.6 ^b	16.2	9.9	25.1	12.3 ^c
Trade balance (billion US \$)	11.1	6.2	0.1	-0.2	2.2	0.7	1.3	2.1	2.3	-1.8
Indicators of living standards										
Grain production (kilograms per capita)	620	870	1,050	770	690	1,470	660	1,040	400	790
Meat production (kilograms per capita)	61	92	94	100	115	170	66	74	15	71
Automobile registrations (units per thousand persons) ^c	25	95	99	159	168	110	80	11	NEGL	119
Energy consumption (barrels oil equivalent per capita) ^d	33	28	29	35	40	20	24	22	3	14
Life expectancy (years) ^e	70	NA	71	71	72	70	71	70	67	68

^a Data were converted at US purchasing power equivalents.

^b Data are on a c.i.f. basis.

^c Data are for 1982.

^d Data are for 1983.

^e Latest available data.

Table 4
Economic Profile: Selected Less Developed Countries, 1984

	Africa			Asia			Latin America			Middle East and South Asia					
	Ivory Coast	Morocco	Zaire	Zimbabwe	Malaysia	Philippines	Thailand	Chile	Colombia	Peru	Bangladesh	Egypt	India	Pakistan	Syria
Aggregative data															
Population															
Million persons at midyear	9.7	22.6	29.7	8.5	15.0	55.5	50.6	11.8	28.7	19.2	98.7	47.8	751.6	96.6	10.2
Percent increase	4.1	2.4	2.4	4.0	2.1	2.4	1.9	1.9	2.1	2.6	2.8	2.9	2.2	2.6	3.7
Gross domestic product															
Billion 1984 US \$	10.6	22.9	6.0	5.5	33.6	48.0	51.0	29.2	38.5	24.7	16.2	39.7	193.0	38.8	13.1
Percent real growth	0.4	2.2	1.5	2.0	6.9	-5.3	6.0	5.9	3.0	3.2	3.9	6.5	4.0	5.3	-13.0
Per capita (1984 US \$)	1,090	1,010	200	650	2,240	860	1,010	2,470	1,340	1,290	160	830	260	400	1,280
Industry															
Per capita manufacturing (US \$) ^a	242	151	15	131	330	185	129	523	240	231	9	82	38	42	185
Electricity production (billion kilowatt-hours)	2.0	5.7	5.0	5.6	10.2	18.8	19.1	13.4	26.0	12.7	3.9	35.9	153.7	19.3	5.9
Agriculture															
Per capita agriculture (US \$) ^a	342	159	40	72	393	174	180	182	302	88	53	105	76	81	308
Grain production (million metric tons)	0.5	3.8	1.0	1.6	1.8	12.0	23.6	2.0	3.2	1.8	21.9	7.8	156.5	17.6	1.4
Trade and international reserves															
Exports, f.o.b. (million US \$)	2,091 ^b	2,171	1,131 ^b	1,166	16,562	5,274	7,414	3,657	3,462	3,147	932	3,214 ^b	8,648 ^b	2,558	1,910 ^b
Imports, c.i.f. (million US \$)	1,839 ^b	3,911	470 ^b	995	14,060	6,432	10,398	3,191	4,498	2,212	2,827	10,275 ^b	13,619 ^b	5,853	4,542 ^b
Living standard indicators															
Literacy rate (percent) ^c	25	25	17	74	58	76	82	90	75	74	26	43	36	31	47
Life expectancy (years) ^c	46	55	46	54	60	61	56	64	62	54	46	53	46	51	57

^a Value added, 1980.

^b Data are for 1983.

^c Latest year available.

Table 5
Economic Profile: Organization of Petroleum
Exporting Countries, 1984

	Algeria	Ecuador	Gabon	Indonesia	Iran	Iraq	Kuwait	Libya	Nigeria	Qatar	Saudi Arabia	United Arab Emirates	Venezuela
Aggregative data													
Population													
Million persons at midyear	21.4	9.1	1.0	169.4	43.8	15.0	1.6	3.6	98.8	0.3	10.8	1.2	16.9
Percent increase	3.2	2.9	4.0	2.2	3.1	3.4	4.5	4.0	2.1	4.5	3.4	3.2	2.8
Gross national product													
Billion 1984 US \$	51.5	12.9	5.7	109.3	80.4	27.9	26.2	20.1	57.6	7.6 ^a	134.1	28.3	76.3
Percent real growth	5.0	3.0	-5.0	4.0	0.2	4.2	1.0	1.0	-0.6	1.0 ^a	0.9	2.0	1.7
Per capita (1984 US \$)	2,410	1,420	5,700	650	1,840	1,860	16,380	5,580	580	27,000 ^a	12,420	23,580	4,510
Industry													
Crude oil production (thousand b/d)	638	253	152	1,466	2,187	1,203	1,117 ^b	1,073	1,393	399	4,649 ^b	1,097	1,813
Share of oil in GNP (percent)	26 ^c	10 ^a	50 ^a	19 ^a	40 ^d	35 ^d	60 ^a	60 ^a	25	63 ^a	50 ^a	50 ^a	22 ^a
Trade													
Exports f.o.b. (million US \$)	14,134 ^d	2,583	1,975 ^a	21,903	13,220	9,785 ^a	10,749	11,136	14,560	4,513	46,845	14,104	13,417
Government oil revenues (billion US \$)	10	2	1	10	17	10	10	11	17	4	40	13	14
Oil exports (thousand b/d)	483	163	150	949	1,576	943	955	947	1,162	400 ^a	3,760	973	1,362
Imports c.i.f. (million US \$)	10,286	1,716	853 ^a	13,882	18,169 ^a	12,275 ^a	7,320 ^a	7,392 ^a	13,422 ^a	1,456 ^a	39,198 ^a	8,356 ^a	7,373
United States (million US \$)	594 ^a	674	35	1,460 ^a	190 ^a	512 ^a	741 ^a	191 ^a	577	109 ^a	7,903 ^a	864 ^a	2,812 ^a
European Community (million US \$)	5,340 ^a	464	533	2,000 ^a	6,117 ^a	4,197 ^a	2,518 ^a	4,902 ^a	3,052	691 ^a	12,337 ^a	2,668 ^a	1,186 ^a
Japan (million US \$)	621 ^a	118	37	3,550 ^a	2,820 ^a	632 ^a	1,763 ^a	363 ^a	444	233 ^a	6,683 ^a	1,357 ^a	350 ^a
Living standard indicators													
Literacy rate (percent) ^e	42	76	12	72	50	24	64	50	38	34	35	68	82
Life expectancy (years) ^e	55	61	35	48	58	55	69	55	37	57	53	62	67

^a Data are for 1983.

^b Including about one-half of Neutral Zone production.

^c Including natural gas liquids.

^d Data are for 1981.

^e Latest available data.

Table 6
Economic Profile: Selected Newly Industrializing Countries, 1984

	Argentina ^a	Brazil	China (Taiwan)	Hong Kong	Mexico	Singapore	South Korea
Aggregative data							
Population							
Million persons at midyear	30.2	136.3	19.1	5.4	77.7	2.5	42.0
Percent increase	1.6	2.6	1.5	1.0	2.6	1.1	1.5
Gross domestic product							
Billion 1984 US \$	112.9	321.4	59.7	34.3	269.5	17.4	90.1
Percent real growth	2.0	4.4	6.8	9.6	3.5	9.0	7.9
Per capita (1984 US \$)	3,740	2,360	3,130	6,350	3,470	6,960	2,150
Industry							
Per capita manufacturing (US \$) ^b	1,593	455	992	1,074	582	1,362	334
Electricity production (billion kilowatt hours)	41.1	162.0 ^c	45.5 ^c	15.8	76.8	9.4	53.6
Agriculture							
Per capita agriculture (US \$) ^b	380	223	165	42	197	61	220
Grain production (million metric tons)	31.2	32.5	2.6 ^c	NEGL	26.4	NEGL	8.9
Trade							
Exports, f.o.b. (million US \$)	7,836 ^c	27,005	30,456	28,317	24,407	24,070	29,244
Imports, c.i.f. (million US \$)	4,504 ^c	15,210	21,959	28,567	11,267	28,663	30,634
Living standard indicators							
Educational expenditures as a Share of GNP (percent) ^d	2.7	3.8	NA	2.6	5.2	2.5	2.7
Literacy rate (percent) ^d	93	75	90	90	83	84	93
Life expectancy at birth (years) ^d	68	59	72	71	65	68	66
Population per square kilometer ^d	10	14	600	4,850	36	4,115	387

^a Argentina is included because its economy closely resembles the NIC economies.

^b Value added, 1980.

^c Data are for 1983.

^d Latest available data.

Table 7
Commodity Production of the US and the USSR *

Commodity	1960	1965	1970	1975	1980	1981	1982	1983	1984
Primary energy (million b/d of oil equivalent)									
US	21.1	24.9	30.8	30.2	32.6	32.4	32.2	30.9	33.1
USSR	9.2	13.2	17.1	21.9	27.0	27.7	28.5	29.2	30.0
Crude oil (thousand b/d)									
US	7,055	7,804	9,648	8,375	8,597	8,572	8,658	8,680	8,735
USSR	2,943	4,835	6,976	9,570	11,700	11,800	11,830	11,864	11,728
Natural gas (trillion cubic feet)									
US	12.8	16.0	21.9	20.1	20.2	20.0	18.5	16.8	18.5
USSR	1.6	4.5	7.0	10.2	15.4	16.4	17.7	18.9	20.7
Hard coal (million metric tons)									
US	391.5	475.3	550.4	576.2	710.4	700.8	712.4	658.0	749.8
USSR	355.9	397.6	432.7	485.0	493.0	481.0	488.0	487.0	484.0
Titanium sponge metal production (thousand metric tons)									
US	4.8	8.2	14.0	14.4	20.4	24.0	14.2	12.7	22.1
USSR	6.0	23.0	40.0	57.0	68.0	69.0	70.0	71.0	71.0
Electricity (billion kilowatt-hours)									
US	893.7	1,229.6	1,742.7	2,131.1	2,437.8	2,448.0	2,386.7	2,459.2	2,574.1
USSR	292.3	506.7	740.9	1,038.6	1,293.9	1,326.0	1,367.1	1,418.1	1,493.0
Iron ore (million metric tons)									
US	90.2	88.8	91.2	80.1	70.7	74.3	36.0	38.2	52.1
USSR	105.9	153.4	197.1	234.7	244.7	242.4	244.4	245.2	247.0
Bauxite (thousand metric tons)									
US	2,030	1,680	2,125	1,800	1,559	1,510	732	679	811
USSR	3,100	5,300	6,700	8,000	9,100	9,100	9,000	8,900	9,200
Pig iron (million metric tons)									
US	62.2	82.6	82.8	72.3	62.3	66.9	39.3	44.2	47.1
USSR	46.8	66.2	85.9	103.0	107.3	107.8	106.7	110.5	111.4
Crude steel (million metric tons)									
US	90.1	119.3	119.3	105.8	101.5	109.6	67.7	76.8	83.9
USSR	65.3	91.0	115.9	141.3	147.9	148.4	147.2	152.5	154.0
Refined copper (thousand metric tons)									
US	1,650	1,973	2,074	1,632	1,730	2,027	1,694	1,584	1,500
USSR	475	700	1,015	1,320	1,470	1,490	1,510	1,540	1,590

Table 7 (continued)
Commodity Production of the US and the USSR ^a

Commodity	1960	1965	1970	1975	1980	1981	1982	1983	1984
Primary aluminum (thousand metric tons)									
US	1,827	2,498	3,607	3,519	4,654	4,489	3,274	3,353	4,099
USSR	565	990	1,640	2,345	2,705	2,720	2,735	2,795	2,879
Lead (thousand metric tons)									
US	347	379	605	577	550	497	513	515	397
USSR	300	385	470	540	560	560	560	565	582
Refined zinc (thousand metric tons)									
US	788	978	866	450	370	397	302	305	329
USSR	360	475	690	820	820	820	820	825	850
Gold (million troy ounces)									
US	1.7	1.7	1.7	1.0	1.0	1.4	1.5	2.0	1.9
USSR	3.6	5.3	7.0	8.3	10.2	10.5	10.6	10.7	NA
Synthetic ammonia (million metric tons of N)									
US	3.6	6.6	10.3	12.2	14.7	14.2	11.8	10.5	12.1
USSR	1.1	3.1	6.3	9.9	13.8	14.7	14.6	16.9	17.4
Mineral fertilizer (million metric tons, nutrient content)									
US ^b	7.4	10.6	14.8	17.1	22.5	23.4	18.6	17.3	20.0
USSR	3.3	7.4	13.1	22.0	24.8	26.0	26.7	29.7	30.8
Nitrogen fertilizer (million metric tons of N)									
US ^b	2.5	5.1	7.6	8.5	11.2	11.8	10.4	9.1	10.8
USSR	1.0	2.7	5.4	8.5	10.2	10.7	11.6	13.0	13.5
Plastics (million metric tons)									
US	2.8	5.3	9.7	10.2	12.8	13.5	12.9	14.7	15.4
USSR	0.3	0.8	1.7	2.8	3.6	4.1	4.1	4.4	4.8
Synthetic rubber (million metric tons)									
US	1.5	1.8	2.2	2.0	2.2	2.2	1.8	2.0	2.2
USSR	0.3	0.6	0.9	1.4	1.9	1.9	1.8	1.8	1.8
Trucks and buses (millions)									
US	1.2	1.8	1.7	2.3	1.7	1.7	1.9	2.4	3.1
USSR	0.4	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9
Automobiles (millions)									
US	6.7	9.3	6.5	6.7	6.4	6.2	5.0	6.7	7.6
USSR	0.1	0.2	0.3	1.2	1.3	1.3	1.3	1.3	1.3

Table 7 (continued)
Commodity Production of the US and the USSR ^a

Commodity	1960	1965	1970	1975	1980	1981	1982	1983	1984
Newsprint (million metric tons)									
US	1.8	2.0	3.0	3.2	4.2	4.8	4.6	4.7	5.0
USSR	0.4	0.7	1.1	1.4	1.5	1.5	1.5	1.5	1.6
Cement (million metric tons)									
US	56.1	65.1	67.4	61.8	68.2	65.0	57.5	63.9	70.8
USSR	45.5	72.4	95.2	122.1	125.0	127.2	123.7	128.2	130.0
Grain (million metric tons)									
US	181.3	183.5	186.7	249.2	269.7	333.4	332.9	207.5	313.9
USSR	125.6	121.1	186.8	140.1	189.1	160.0	180.0	192.0	170.0
Wheat (million metric tons)									
US	36.9	35.8	36.8	57.9	64.6	76.2	76.5	66.0	70.6
USSR	64.3	59.7	99.7	66.2	98.2	80.0	86.0	79.0	75.0
Coarse grain (million metric tons)									
US	141.9	144.2	146.1	185.5	198.4	249.0	250.7	137.1	237.0
USSR	61.1	60.8	85.8	71.9	88.3	72.0	86.0	99.0	84.0
Potatoes (million metric tons)									
US	11.7	13.1	14.8	14.6	13.7	15.4	16.0	15.1	16.3
USSR	84.4	88.7	96.8	88.7	67.0	72.1	78.2	82.9	85.3
Sugar (million metric tons)									
US	3.6	4.9	5.3	6.0	5.3	5.8	5.4	5.2	5.3
USSR	6.9	12.0	11.1	11.3	11.0	10.3	13.1	13.1	13.6
Meat (million metric tons)									
US	12.8	14.3	22.5	23.0	24.2	24.6	24.1	25.0	25.0
USSR	8.7	10.0	12.3	15.0	15.1	15.2	15.4	16.4	16.7
Milk (million metric tons)									
US	53.7	56.3	53.3	52.3	58.3	60.2	61.5	63.4	61.4
USSR	61.7	72.6	83.0	90.8	90.9	88.9	91.0	96.4	97.6
Ginned cotton (thousand metric tons)									
US	3,107	3,260	2,219	1,808	2,422	3,405	2,605	1,692	2,894
USSR	1,458	1,914	2,343	2,524	2,959	2,881	2,673	2,610	2,494

^a For more detailed definitions, exceptions, and methodology refer to the commodity tables.

^b Fertilizer year ending 30 June of the stated year.

Aggregative Trends

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Table 8
Estimated Real Gross National Product ^a*Billion 1984 US \$*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
World	5,300	6,780	8,770	10,900	12,900	13,100	13,200	13,500	14,000
Developed countries	3,360	4,330	5,470	6,560	7,680	7,830	7,790	7,970	8,320
United States	1,647.2	2,076.4	2,425.5	2,751.9	3,295.8	3,378.9	3,306.8	3,429.1	3,662.8
Australia	67.2	85.3	112.3	135.7	154.5	160.7	160.7	162.4	172.5
Canada	125.4	165.4	208.7	266.0	313.3	323.9	311.7	320.5	334.1
Japan	237.9	383.9	654.9	821.5	1,054.6	1,098.9	1,132.7	1,166.4	1,233.5
Spain	51.8	77.8	105.2	137.5	151.6	152.2	153.6	156.9	160.4
Sweden	47.4	60.9	74.4	84.5	90.3	90.0	90.7	93.0	96.0
Switzerland	49.5	64.0	78.6	81.9	89.0	90.3	89.3	89.9	92.1
European Community	1,030	1,290	1,610	1,840	2,140	2,130	2,130	2,150	2,200
Belgium	34.0	43.4	54.9	65.0	74.8	73.8	74.7	75.0	76.3
France	192.7	255.0	331.2	403.1	473.1	474.1	483.5	488.3	496.8
Italy	146.5	188.7	255.0	287.2	346.9	347.6	345.9	342.0	352.3
Netherlands	56.5	71.5	93.6	109.3	124.6	123.8	121.6	122.3	123.8
United Kingdom	251.6	294.2	332.7	370.1	401.9	397.4	404.7	417.9	426.3
West Germany	291.1	371.1	455.2	505.0	600.5	599.9	595.1	601.1	616.1
Less developed countries	643	871	1,200	1,690	2,210	2,240	2,260	2,270	2,340
Argentina	62.5	77.7	96.4	111.7	122.5	115.2	108.5	110.6	112.9
Brazil	66.5	98.7	142.9	239.2	331.9	320.7	320.7	307.8	321.4
China (Taiwan)	8.4	12.7	20.0	29.3	48.3	51.0	52.7	55.9	59.7
Egypt	10.6	14.1	15.7	20.5	31.1	33.6	35.5	37.3	39.7
India	83.3	95.6	121.3	138.1	164.9	173.4	174.3	185.6	193.0
Mexico	69.1	97.6	136.5	182.3	251.0	271.4	274.1	260.4	269.5
Pakistan	17.7	23.8	19.8	22.6	30.6	32.3	34.3	36.9	38.8
Philippines	14.5	19.0	24.0	32.9	44.5	46.0	46.9	47.4	44.8
South Korea	13.7	18.7	30.7	48.7	67.9	72.4	76.5	83.5	90.1
Thailand	11.5	16.3	21.6	29.3	42.2	44.8	46.7	49.4	52.4
OPEC									
Iran	59.8	82.6	143.0	233.7	105.7	77.1	75.2	78.9	80.4
Indonesia	29.3	32.7	42.4	62.4	91.4	98.6	100.9	105.1	109.3
Nigeria	27.8	35.7	37.4	54.5	71.2	69.6	61.9	61.3	57.6
Saudi Arabia	16.1	26.0	43.2	78.8	125.9	136.0	143.1	133.0	134.1
Venezuela	28.9	41.2	52.3	66.5	79.9	79.8	78.2	75.1	76.3

Table 8 (continued)
Estimated Real Gross National Product ^a

Billion 1984 US \$

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Communist countries	1,300	1,570	2,100	2,630	3,030	3,070	3,140	3,240	3,350
USSR and Eastern Europe	1,180	1,480	1,870	2,270	2,530	2,550	2,600	2,650	2,730
USSR ^b	821.7	1,036.5	1,345.0	1,602.9	1,795.7	1,820.1	1,860.5	1,902.3	1,957.6
Eastern Europe ^c	363	439	529	671	737	730	737	748	771
Bulgaria	22.7	31.1	39.8	50.0	52.6	54.0	55.6	54.7	56.4
Czechoslovakia	69.9	78.6	93.1	109.8	122.2	121.6	123.9	125.1	127.9
East Germany	85.8	99.2	115.8	137.3	154.0	157.2	156.5	158.9	163.7
Hungary	40.2	48.8	56.6	66.6	73.7	74.2	77.0	76.0	77.0
Poland	104.8	130.4	158.7	217.4	225.2	213.1	211.1	220.9	228.5
Romania	39.4	51.2	65.1	90.1	109.2	109.5	112.5	112.8	117.6
Other									
China	NA	NA	126.0	164.5	220.7	231.5	250.7	273.5	306.3
North Korea	4.8	7.6	10.0	16.0	19.5	21.4	22.2	22.4	23.0
Yugoslavia ^d	37.6	52.5	71.1	95.6	125.6	127.4	128.3	126.6	128.8

^a Data for the non-Communist countries were converted from national currencies by using the 1984 Par Rate/Market Rate factors. Data are from OECD sources.

^b The estimate of Soviet GNP presented here is expressed in "geometric mean dollars," which are derived by applying an average of the US- and Soviet-weighted purchasing power parity ratios to an estimate of Soviet GNP in rubles. As a result, geometric mean dollars are neither dollars nor rubles, but a mix of the two. They approximate an estimate falling midway between a comparison of the Soviet Union and the United States in dollars and one in rubles. The purchasing power parity ratios used in this estimate are based on

a study in 1976 dollar prices. The US GNP implicit price deflator rebased to 1984 was used to convert Soviet GNP in 1976 dollars to 1984 dollars.

^c GNP estimates for Hungary, Poland, and Romania are based on benchmark figures for 1975 in 1975 dollars in Kravis, Heston, and Summers, *World Product and Income: International Comparisons of Real Gross Product*, Baltimore: Johns Hopkins University Press, 1982. GNP indices in constant domestic currencies derived from official data were combined with the 1975 benchmarks to yield time series in 1975 dollars. The US GNP deflator was then applied to the series to convert 1975 dollars into 1984

dollars. For Bulgaria, Czechoslovakia, and East Germany, 1970 benchmarks were shifted to 1975 in proportion to the geometric mean of the benchmark shifts for Hungary, Poland, and Romania. The 1970 benchmarks were taken from *UN Economic Bulletin for Europe*, Vol. 31, No. 2, 1980.

^d For Yugoslavia, the 1970 benchmark from *UN Economic Bulletin for Europe*, Vol. 31, No. 2, 1980, was shifted to 1975 in proportion to the geometric mean of the benchmark shifts for Hungary, Poland, and Romania. Official Yugoslav growth rates for gross social product were then applied to this 1975 benchmark.

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Table 9
Gross National Product Price Deflators

Index: 1970=100

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States	75.1	81.3	100.0	137.6	195.1	213.9	226.8	235.5	244.3
Canada	74.4	81.6	100.0	151.2	232.6	257.2	283.0	299.5	308.8
Japan	61.1	79.4	100.0	161.2	200.0	205.4	209.0	210.4	211.9
European Community	66.4	81.2	100.0	157.7	260.3	289.6	321.1	348.2	367.0
France ^a	67.5	81.0	100.0	152.5	247.5	277.5	312.1	342.3	366.6
Italy ^a	64.1	84.2	100.0	176.7	395.3	467.6	551.4	634.0	701.8
Netherlands	62.2	77.3	100.0	157.1	210.5	222.7	235.4	238.1	244.5
United Kingdom ^a	66.2	78.6	100.0	185.2	369.0	412.2	441.7	465.3	483.4
West Germany	70.7	84.7	100.0	137.1	166.4	173.4	181.7	187.5	191.1

^a Gross domestic product deflators.

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Table 10
Gross Domestic Product in Purchasing Power
and Exchange Rate Equivalents, 1984

	Purchasing Power Equivalents ^a (Kravis)	Purchasing Power Equivalents ^b (Gilbert)	Average 1984 Par Rate/ Market Rate	Average 1983 Exchange Rate	Average 1973 Exchange Rate	February 1973 Exchange Rate	May 1972 Exchange Rate	April 1971 Exchange Rate
Gross Domestic Product, 1984 (Billion US \$)								
OECD								
Belgium	113.3	112.5	76.3	86.2	113.1	109.3	98.4	88.2
Denmark	63.6	54.1	52.8	59.8	90.4	87.1	78.3	72.9
France	684.2	642.1	496.8	569.7	975.0	943.8	848.7	781.7
Italy	475.9	402.7	352.3	407.6	1,061.7	1,092.5	1,064.5	990.4
Japan	1,462.9	1,162.4	1,233.5	1,233.6	1,076.3	1,085.1	951.2	813.8
Netherlands	159.6	129.3	123.8	139.2	142.1	136.0	122.4	109.7
United Kingdom	534.6	492.1	426.3	483.9	782.2	794.3	831.2	765.6
West Germany	795.4	634.9	616.1	686.7	656.2	604.6	544.1	479.1
Gross Domestic Product Per Capita, 1984 (United States = 100)								
OECD								
Belgium	74	74	50	57	74	72	65	58
Denmark	80	68	67	76	114	110	99	92
France	81	76	59	67	115	111	100	92
Italy	54	46	40	46	120	124	121	112
Japan	79	63	66	66	58	58	51	44
Netherlands	72	58	55	62	64	61	55	49
United Kingdom	61	56	49	55	90	91	95	88
West Germany	84	67	65	73	69	64	57	51

^a For the individual OECD countries, the ratios for converting GDP in national currencies at 1984 prices into 1984 US dollars on the basis of purchasing power equivalents are derived from the 1975 ratios in *World Product and Income: International Comparisons of Real GDP*, published by the World Bank by the Johns Hopkins University Press, Baltimore and London, 1981, using the geometric mean of foreign and US weighted ratios. These 1975 GDP parities were moved to 1984 by applying the following factor: the derived price index for each OECD country for 1976-84 divided by a derived price index for the United States for 1976-84. These price indexes were derived for each

country by dividing the growth of GDP in current prices by the growth of GDP in constant prices. The ratios thus obtained were applied to the GDP values, given in the national currencies in 1984 prices.

^b For the individual European OECD countries, the ratios for converting GDP in national currencies at 1984 prices into 1984 US dollars on the basis of US purchasing power equivalents are derived from the 1950 ratios in Milton Gilbert and Associates, *Comparative National Products and Price Levels*, OEEC, Paris, 1958, using the geometric mean

of European and US weighted ratios. These 1950 ratios were moved to 1984 by applying the following factor: the derived price index for each European country for 1951-84 divided by a derived price index for the United States for 1951-84. The ratios thus obtained were applied to the GDP values, given in the national currencies in 1984 prices.

Table 11
Gross National Product, by End Use,
in the US and the USSR, 1984^a

	Billion 1970 Rubles			Billion 1976 US \$			Geometric Mean of the Comparisons in Dollars and Rubles USSR as a Percent of US
	USSR ^b	US	USSR as a Percent of US	USSR	US	USSR as a Percent of US	
GNP	560.2	1,317.2	42.5	1,376.4	2,202.6	62.5	51.5
Of which:							
Consumption	323.5	1,051.3	30.8	745.4	1,588.1 ^c	46.9	38.0
New fixed investment	174.0	195.2	89.1	460.3	407.5 ^c	113.0	100.3

^a A generally preferred procedure for making international economic comparisons is to convert each country's GNP to the currency of the other. Two comparisons can then be made, one in rubles and one in dollars. The two comparisons will yield different answers. This phenomenon is commonly known as the "index number problem," and it results from differences in the relative price and quantity structures found in each country. Goods produced in relatively large quantities in either country tend to sell at relatively low prices in that country, and vice versa. Soviet GNP is, therefore, a larger share of US GNP when comparisons are made in dollars since dollars place a greater weight than ruble prices do on investment and defense goods, which account for larger shares of output in the Soviet Union than in the United States.

The important point about index numbers is that valuations in either rubles or dollars are equally correct. When a single estimate is required, economists by convention often resort to the geometric mean of the two as a reasonable point estimate that falls between the ruble and dollar comparisons.

The geometric mean comparison is presented here, although the reader is cautioned that it is used for its

presentational convenience and does not, strictly speaking, represent a more valid result than that presented in either currency.

The estimate of Soviet GNP in dollars presented here is not consistent with that given in Table 8, which is expressed in "geometric mean dollars" for consistency with the other data in that table. The approach used in this table, however, is theoretically preferable.

^b The above Soviet GNP data in established prices should not be used in conjunction with Soviet foreign trade data appearing in Tables 61-63. These latter tables use official foreign exchange rates to derive dollar values for trade; we have yet to estimate the value of Soviet foreign trade in terms of actual purchasing power, which would allow for an estimate of the share of foreign trade in Soviet national income.

The magnitudes for the Soviet end-use components were calculated to measure value of output compared with the United States but not the cost in resources. The share of total economic resources devoted to a particular end use (such as defense) or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs.

The identified end uses of GNP are defined as follows: (1) Consumption includes personal expenditures for goods and services for all purposes and noninvestment outlays by government for goods and services for health and education. (2) New fixed investment is defined as the sum of expenditures for gross private domestic investment net of inventories; for public construction other than that for military facilities; and for equipment purchased by the government except that for defense. Since part of new fixed investment in the United States is capital repair, one-half of Soviet expenditures on capital repair is included in Soviet new fixed investment.

Other uses of GNP include defense, space, research and development, inventory change, administration, net exports, and a statistical discrepancy. The total value for these expenditures cannot be derived for the USSR by subtraction, however.

^c Preliminary. US investment has accounted for a steady share of GNP since 1960; the mean value of its share during 1960-83 (18.5 percent) was used to estimate US investment in 1984. Consumption, on the other hand, has been rising as a share of GNP. Its value in 1983 (72.1 percent), was, therefore, used to estimate its value in 1984.

Table 12
Real Gross National Product Growth

Percent

	Average Annual Rate of Growth									
	1961-65	1966-70	1971-75	1976-79	1980	1981	1982	1983	1984	
OECD	5.2	4.6	3.1	3.9	1.2	2.0	-0.5	2.2	4.5	
United States	4.7	3.2	2.6	4.7	-0.3	2.5	-2.1	3.7	6.8	
Australia	4.9	5.7	3.9	2.9	1.7	4.0	NEGL	1.0	6.3	
Canada	5.7	4.8	5.0	3.9	1.0	4.0	-4.3	2.8	2.4	
Japan	10.0	11.2	4.6	5.2	4.9	4.2	3.0	3.0	5.8	
Spain	8.5	6.2	5.5	2.1	1.5	0.2	1.2	2.0	2.2	
Sweden	5.2	4.3	2.6	1.2	1.7	-0.3	0.8	2.5	3.3	
Switzerland	5.2	4.2	0.8	1.0	4.6	1.5	-1.1	0.7	2.5	
European Community	4.7	4.5	2.2	3.3	0.8	-0.5	0.3	0.9	2.2	
Belgium	5.0	4.8	3.5	2.7	3.5	-1.3	1.1	0.4	1.8	
France	5.8	5.4	4.0	3.8	1.1	0.2	2.0	1.0	1.8	
Italy	5.2	6.2	2.4	3.8	3.9	0.2	-0.4	-1.2	3.0	
Netherlands	4.8	5.5	3.2	3.1	0.9	-0.7	-1.7	0.6	1.2	
United Kingdom	3.2	2.5	2.0	2.6	-2.2	-1.1	1.9	3.3	2.0	
West Germany	5.0	4.2	2.1	3.9	1.8	NEGL	-1.0	1.0	2.5	
Less developed countries	6.3	6.7	7.0	5.6	4.9	1.4	0.9	0.4	3.0	
Communist countries										
USSR and Eastern Europe										
USSR ^a	5.0	5.3	3.7	2.9	1.7	1.9	2.6	3.7	2.5	
Eastern Europe	3.9	3.8	4.9	2.4	-0.3	-1.0	0.9	1.6	3.1	
Bulgaria	6.4	5.1	4.7	2.0	-2.9	2.8	3.0	-1.6	3.1	
Czechoslovakia	2.4	3.4	3.4	2.1	2.3	-0.5	1.9	1.0	2.3	
East Germany	2.9	3.1	3.5	2.4	2.1	2.1	-0.4	1.6	3.0	
Hungary	3.9	3.0	3.7	2.3	1.0	0.7	3.7	-1.2	1.3	
Poland	4.5	4.0	6.5	1.5	-2.4	-5.4	-0.9	4.6	3.4	
Romania	5.4	4.9	6.7	5.4	-1.5	0.3	2.6	0.2	4.3	
Other										
China	NA	NA	5.5	9.0	6.4	4.9	8.3	9.1	12.0	
North Korea	9.8	5.5	10.4	5.3	-0.8	9.8	3.7	0.9	2.7	
Yugoslavia	6.9	6.3	6.1	6.5	2.3	1.4	0.7	-1.3	1.7	

^a At factor cost.

Table 13
Real Gross National Product Per Capita Growth

Percent

	Average Annual Rate of Growth					1980	1981	1982	1983	1984
	1961-65	1966-70	1971-75	1976-79						
OECD										
United States	3.2	2.1	1.5	4.3	-1.5	1.6	-2.8	2.4	5.8	
Australia	2.8	3.5	2.2	1.8	0.5	2.4	-1.7	-0.3	4.9	
Canada	3.7	3.1	3.6	2.8	-0.2	2.7	-5.5	1.8	3.2	
Japan	8.9	10.0	3.1	4.2	4.1	3.5	2.3	2.3	5.1	
Sweden	4.5	3.4	2.2	0.9	1.5	-0.5	0.8	2.5	3.2	
Switzerland	3.1	3.1	0.4	1.2	4.0	0.8	-1.7	-0.1	1.9	
European Community	3.8	3.8	2.2	3.3	0.8	-0.5	0.3	0.9	2.2	
Belgium	4.3	4.4	3.2	2.5	3.4	-1.3	1.1	-0.4	1.7	
France	6.6	4.5	3.2	3.8	0.6	-0.2	1.5	0.6	1.4	
Italy	4.5	5.6	1.7	3.4	3.7	NEGL	-0.7	-1.5	2.7	
Netherlands	3.4	3.3	3.2	2.4	0.1	-1.4	-2.2	0.2	0.8	
United Kingdom	2.5	2.0	1.9	2.9	-2.3	-1.3	1.9	3.2	2.0	
West Germany	3.8	3.4	1.7	4.1	1.5	-0.2	-0.9	1.3	2.8	
Communist countries										
USSR and Eastern Europe										
USSR	3.5	4.3	2.8	2.0	0.9	1.1	1.7	2.7	1.5	
Eastern Europe	3.2	3.2	4.2	1.5	-0.8	-1.5	0.5	1.2	2.7	
Bulgaria	5.6	4.4	4.1	1.3	-3.3	2.4	2.7	-1.9	2.9	
Czechoslovakia	1.7	3.2	2.7	1.1	1.8	-0.6	1.5	0.7	2.0	
East Germany	3.0	3.1	3.7	2.0	2.1	2.1	-0.2	1.6	3.3	
Hungary	3.6	2.7	2.9	1.5	0.9	-0.7	3.8	-1.1	1.5	
Poland	3.2	3.3	5.5	0.5	-3.3	-6.3	-1.8	3.7	2.5	
Romania	4.7	3.6	5.7	3.5	-2.2	-0.4	2.1	-0.1	4.0	
Other										
China	NA	5.5	3.3	8.6	5.1	3.5	6.7	8.1	10.8	
North Korea	6.6	2.7	7.3	3.7	-3.4	6.2	1.7	-1.6	NEGL	
Yugoslavia	5.6	5.4	5.1	5.5	1.7	0.7	NEGL	-2.0	1.0	

Table 14
Economic Indicators for Selected Non-OPEC
Less Developed Countries

Percent change

	1973	1975	1978	1979	1980	1981	1982	1983	1984
Industrial production									
China (Taiwan)	20.5	5.4	25.0	8.1	7.6	4.2	-0.8	12.4	12.4
India	1.6	4.7	6.9	1.2	0.7	9.1	4.7	4.4	6.7
Mexico	10.1	4.7	10.9	11.2	9.8	7.3	-3.3	-8.0	5.4
South Korea	33.5	18.9	22.9	11.7	-1.8	12.8	5.0	15.8	15.0
Consumer price inflation									
Brazil	12.7	28.9	38.7	52.7	82.8	105.6	97.9	142.0	196.7
China (Taiwan)	8.2	5.2	5.8	9.8	19.0	16.3	4.0	1.4	4.3
India	17.8	5.6	2.5	6.4	11.4	13.0	7.9	11.9	8.4
Mexico	12.0	15.2	17.5	18.2	26.3	27.9	58.9	101.9	65.5
South Korea	3.2	25.3	14.4	18.3	28.7	21.3	7.3	3.4	2.3
Wholesale price inflation									
Brazil	15.3	27.8	37.6	55.9	106.5	108.2	92.0	168.2	236.2
China (Taiwan)	22.9	-5.1	3.5	13.8	21.5	7.6	-0.7	-1.4	-0.9
India	16.4	4.0	-0.3	11.4	20.3	12.2	2.5	7.8	8.5
Mexico	16.0	10.4	15.7	18.3	24.4	24.5	56.1	107.3	70.3
South Korea	6.9	26.1	11.7	18.8	38.9	20.4	4.7	0.2	0.7
Money supply									
Brazil	41.8	33.6	42.2	73.6	70.0	74.7	69.7	92.0	203.5
China (Taiwan)	49.3	26.9	37.0	7.7	22.7	13.8	15.6	18.1	9.3
India	16.5	8.1	20.4	20.8	12.3	15.7	17.4	12.6	13.4
Mexico	24.2	21.3	33.0	33.1	33.1	32.8	61.9	42.4	65.0
South Korea	51.4	26.1	28.2	20.7	16.3	4.7	45.6	17.0	0.6

Table 15
Economic Indicators for Selected Industrial Countries ^a

Percent

	Average Annual Rate of Growth							
	1961-70	1971-75	1976-79	1980	1981	1982	1983	1984
Industrial production								
United States	5.0	1.8	6.7	-3.6	2.6	-8.1	6.4	10.7
Canada	6.2	4.0	4.5	-1.5	0.5	-10.0	5.7	8.7
Japan	13.6	1.5	7.1	4.6	1.0	0.4	3.5	11.1
France	5.8	3.0	4.1	-1.2	-2.6	-1.5	1.1	2.6
Italy	7.0	1.6	5.4	5.6	-1.6	-3.1	-3.2	3.1
United Kingdom	2.8	0.6	3.8	-6.6	-3.9	2.1	3.9	1.0
West Germany	5.8	0.9	4.2	0.3	-2.3	-3.2	0.3	2.4
Consumer prices								
United States	2.7	6.7	7.8	13.5	10.4	6.1	3.2	4.3
Canada	2.7	7.3	8.4	10.2	12.5	10.8	5.8	4.3
Japan	5.7	11.5	6.2	8.0	4.9	2.6	1.8	2.3
France	4.1	8.8	9.7	13.5	13.3	12.0	9.5	7.7
Italy	3.9	11.3	15.2	21.2	19.3	16.4	14.9	10.6
United Kingdom	4.1	13.0	13.5	18.0	11.9	8.6	4.6	5.0
West Germany	2.6	6.1	3.7	5.5	6.0	5.3	3.6	2.4
Export prices (unit values, US dollar basis)								
United States	2.0	12.0	7.0	13.6	9.2	1.5	1.0	1.4
Canada	1.4	12.2	5.6	17.4	3.9	-2.0	-1.2	-3.7
Japan	-0.4	12.5	8.2	7.5	5.5	-6.4	-2.4	0.2
France	1.3	15.2	8.6	11.6	-12.0	-5.5	-5.0	2.7
Italy	0.5	14.3	9.3	17.6	-7.8	-3.2	-5.8	NA
United Kingdom	NA	12.7	13.3	25.2	-5.1	-7.3	-5.9	-4.8
West Germany	2.6	16.0	11.1	7.9	-14.9	-2.8	-3.2	-7.1
Import prices (unit values, US dollar basis)								
United States	1.5	16.7	9.5	25.4	5.3	-2.0	-3.7	1.7
Canada	1.4	10.6	6.1	16.7	8.7	-1.1	-3.4	-0.1
Japan	0.6	20.4	7.6	34.2	3.6	-7.3	-5.0	-2.8
France	0.6	16.0	8.5	19.2	-7.8	-7.2	-7.0	-3.8
Italy	1.1	19.6	9.2	26.4	1.1	-7.3	-7.6	NA
United Kingdom	NA	17.0	11.7	13.9	-6.0	-6.1	-5.2	-4.0
West Germany	1.5	16.1	12.2	15.2	-8.6	-4.7	-5.2	-4.8

Table 15 (continued)
Economic Indicators for Selected Industrial Countries ^a

Percent

	Average Annual Rate of Growth							
	1961-70	1971-75	1976-79	1980	1981	1982	1983	1984
Productivity in manufacturing (output per hour)								
United States	2.8	3.4	2.1	0.1	3.1	2.1	4.2	3.6
Canada	4.3	3.5	3.4	-2.2	2.1	-2.8	6.4	4.0
Japan	10.8	6.8	8.3	9.5	5.5	7.1	5.1	9.6
France	6.7	5.0	5.8	1.6	3.2	6.5	4.3	5.0
Italy	7.1	4.6	4.9	5.8	3.5	2.0	2.4	6.3
United Kingdom	3.7	4.0	2.0	-2.2	6.2	4.5	6.7	4.0
West Germany	5.9	4.8	4.6	0.9	1.8	1.2	4.7	4.7
Unit labor costs in manufacturing (in US dollars)								
United States	1.8	4.7	6.3	11.5	6.1	6.6	-0.8	0.1
Canada	0.4	7.8	3.5	13.0	10.9	10.2	0.6	-7.1
Japan	3.2	17.0	6.9	-5.2	4.1	-13.1	3.2	-5.7
France	1.2	16.3	8.0	13.2	-13.0	-8.1	-7.1	-9.6
Italy	4.5	15.6	5.6	9.2	-10.7	-0.7	1.6	-10.1
United Kingdom	2.1	13.1	12.8	32.9	-6.6	-10.2	-12.8	-8.4
West Germany	5.1	15.6	11.2	8.3	-15.3	-3.4	-5.5	-11.1
Export volume								
United States	5.9	7.4	6.6	6.8	-3.0	-10.2	-6.5	6.7
Canada	9.8	2.8	8.1	-1.3	2.5	0.4	9.6	21.2
Japan	17.5	9.9	7.7	17.1	10.1	-2.4	8.6	15.4
France	8.5	7.6	7.9	2.1	2.9	-2.9	3.6	1.7
Italy	12.8	6.2	9.6	-7.9	6.6	-0.4	5.2	2.6
United Kingdom	4.8	4.5	6.2	0.9	-0.7	2.2	0.8	8.5
West Germany	9.5	4.6	7.3	1.7	6.6	3.2	-0.3	7.3
Import volume								
United States	8.7	2.5	10.2	-6.6	0.9	-5.0	10.3	23.8
Canada	7.9	9.2	5.5	-5.4	3.0	-16.1	15.4	20.4
Japan	14.7	3.9	9.2	-5.0	-2.6	-0.7	1.4	10.9
France	10.9	6.2	9.4	6.3	-3.4	3.6	-1.8	-1.2
Italy	11.0	0.7	9.0	1.9	-8.8	1.3	1.5	4.9
United Kingdom	4.4	3.9	5.7	-5.4	-2.7	3.5	6.8	10.9
West Germany	10.3	3.5	8.0	NEGL	-5.0	1.3	4.0	5.2

^a Growth rates were derived from unrounded data.

Table 16
Agricultural Production Index

1970=100

	1965	1970	1975	1979	1980	1981	1982	1983	1984
Developed countries	92	100	113	124	123	127	129	120	131
United States	98	100	113	132	123	140	136	111	130
Canada	107	100	116	123	131	145	158	151	143
European Community									
France	95	100	108	128	127	123	135	128	133
Italy	89	100	108	113	121	119	114	127	124
United Kingdom	92	100	105	117	124	125	127	127	136
West Germany	85	100	102	110	112	111	121	117	122
Less developed countries	85	100	115	128	131	138	138	143	146
Africa	88	100	108	115	119	121	123	121	125
Far East	81	100	116	127	131	140	139	150	152
Latin America	88	100	114	133	135	142	142	142	147
Middle East	85	100	122	131	134	139	143	144	147
Communist countries									
USSR and Eastern Europe									
USSR	83	100	98	107	104	104	110	117	116
Eastern Europe ^a	91	100	119	129	127	124	128	127	134
Bulgaria	91	100	110	121	117	123	130	122	130
Czechoslovakia	83	100	114	122	125	124	126	133	138
East Germany	94	100	118	124	126	128	121	125	137
Hungary	91	100	125	137	145	141	154	152	155
Poland	92	100	118	124	114	105	111	105	110
Romania	92	100	133	161	156	149	158	158	172
Other									
China ^b	82	100	121	150	156	166	184	202	231
North Korea ^c	90	100	154	180	131	180	191	183	189
Yugoslavia	87	100	117	132	134	136	145	143	145

^a Estimates based on the value of crop production plus the value of livestock products, with allowance for changes in livestock numbers, but minus feed (including grain imported for feed), seed, and waste.

^b Index of gross value of agricultural output.

^c Based on official grain claims.

Table 17
Index of Industrial Production for Communist Countries

1970=100

	1960	1965	1970	1975	1980	1981	1982	1983	1984 ^a
USSR and Eastern Europe ^b									
USSR									
Official	44	67	100	143	178	184	190	198	206
Adjusted	53	73	100	133	156	160	163	170	176
Eastern Europe ^c									
Adjusted	55	76	100	130	147	144	144	148	152
Bulgaria									
Official	34	60	100	155	206	216	226	237	247
Adjusted	34	66	100	132	156	160	164	167	171
Czechoslovakia									
Official	55	72	100	138	174	177	179	184	191
Adjusted	64	82	100	121	139	141	143	144	148
East Germany									
Official	55	73	100	137	174	182	188	196	213
Adjusted	65	83	100	118	137	141	141	144	147
Hungary									
Official	52	74	100	136	161	165	170	172	177
Adjusted	56	84	100	114	127	129	131	132	135
Poland									
Official	45	67	100	164	207	184	180	192	202
Adjusted	51	74	100	144	148	130	126	132	138
Romania									
Official	30	51	100	184	289	297	300	314	336
Adjusted	35	58	100	155	193	193	196	202	209
Other									
North Korea ^d									
Official	30	58	100	228	433	476	556	NA	NA

^a Preliminary.

^b The official indexes purportedly measure changes in the gross value of industrial production. In general, the gross value of production equals the sum of the value of output of all industrial enterprises. As a result, since both intermediate and final goods are included in the value of output of each enterprise, industrial products are double-counted. For example, steel used in producing automobiles is counted in the value of both steel output and automobile output. In

addition to overstatement in the official indicator from this source, disguised inflation also enters the index through new-product pricing, where minor product improvements result in a new-product price that is substantially higher than can be justified by either improved quality or increased production costs. Because output of these "new" products grows from a small base, their rates of growth will proceed at a higher rate than those of "old" products.

Adjusted indexes of industrial production—parallel to

those used by the Federal Reserve Board for measuring US industrial output—are constructed in order to circumvent most of these distortions, that is, price-weighted samples of products form output indexes for various industrial components and these component indexes are combined into an aggregate index for industry by use of 1970 value-added weights.

^c An official index is not published.

^d An adjusted index is not available.

Table 18
Index of Industrial Production for Selected Countries ^a

1970=100

	1960	1965	1970	1975	1980	1981	1982	1983	1984 ^b
OECD									
United States	61	83	100	109	136	140	129	137	151
Canada	55	78	100	121	142	143	128	136	148
Japan	28	48	100	108	149	150	151	156	174
European Community									
France	62	77	100	115	133	130	128	129	132
Italy	50	70	100	108	129	127	123	119	123
United Kingdom	76	89	100	100	105	101	103	107	108
West Germany	60	78	100	101	120	117	113	114	117
Communist countries									
USSR and Eastern Europe									
USSR ^c	53	73	100	133	156	160	163	170	176
Eastern Europe	55	76	100	130	147	144	144	148	152
Bulgaria	34	66	100	132	156	160	164	167	171
Czechoslovakia	64	82	100	121	139	141	143	144	148
East Germany	65	83	100	118	137	141	141	144	147
Hungary	56	84	100	114	127	129	131	132	135
Poland	51	74	100	144	148	130	126	132	138
Romania	35	58	100	155	193	193	196	202	209
Other									
China ^d	57	63	100	159	246	256	276	305	348
Yugoslavia	46	77	100	146	203	211	211	213	225

^a Indexes for the non-Communist countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing, mining, and, in most countries, public utilities. The indexes for the Communist countries are estimates of CIA (see Table 17 for detailed explanation)—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by CIA. The indexes for the Communist countries include manufacturing, mining, and public utilities.

^b Preliminary.

^c Index of gross values of output for individual commodities and branches are aggregated by 1970 value-added weights. The three sectors covered—materials, machinery, and non-durable consumer goods—constitute 50 percent, 32 percent, and 18 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

^d CIA estimates for 1960-75 were computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production. The index for 1980-84 follows the trend for reported gross value of industrial output.

Table 19
Defense Expenditures as a Share of Gross National Product

Percent

	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
OECD ^a										
Australia	4.4	3.3	2.2	2.4	2.3	2.3	2.3	2.4	2.5	2.8
Austria	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.2	1.3
Belgium	3.1	2.9	3.0	3.1	3.3	3.3	3.3	3.5	3.4	3.3
Canada	3.0	2.4	1.9	2.0	2.0	1.9	1.9	1.9	2.2	2.2
Denmark	2.8	2.3	2.5	2.3	2.4	2.4	2.5	2.5	2.6	2.5
Finland	1.7	1.5	1.5	1.4	1.4	1.5	1.7	1.5	1.8	1.5
France	5.2	4.2	3.8	3.9	4.0	3.9	4.0	4.2	4.2	4.2
Greece	3.5	4.7	6.6	6.8	6.5	6.1	5.5	6.8	6.9	6.2
Ireland	1.4	1.1	1.8	1.6	1.6	1.6	1.7	1.7	2.0	1.8
Italy	3.3	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.6	2.7
Japan	1.0	0.8	0.9	0.9	0.9	1.0	0.9	1.0	1.0	1.0
Luxembourg	1.4	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0
Netherlands	4.0	3.4	3.2	3.3	3.1	3.2	3.1	3.2	3.3	3.2
New Zealand	2.1	2.0	1.7	1.7	1.7	1.6	1.9	2.1	2.1	2.2
Norway	3.8	3.5	3.3	3.2	3.3	3.2	3.0	3.0	3.1	3.2
Portugal	6.0	6.5	5.2	3.5	3.5	3.5	3.7	3.7	3.7	3.5
Spain	2.7	3.1	2.7	1.7	1.7	1.8	1.9	2.0	2.1	2.1
Sweden	3.9	3.6	3.3	3.3	3.3	3.2	3.1	3.2	3.3	3.3
Switzerland	2.6	2.1	1.9	2.0	2.0	2.1	2.0	1.9	2.0	1.9
Turkey	5.0	4.2	5.6	5.7	5.1	4.2	4.2	4.8	5.2	4.9
United Kingdom	5.9	4.7	4.9	4.8	4.6	4.7	5.1	4.9	5.1	5.4
United States	7.1	7.4	5.4	4.8	4.6	4.6	5.0	5.2	5.8	6.1
West Germany	4.3	3.3	3.6	3.3	3.3	3.2	3.3	3.4	3.4	3.4
Less developed countries	NA	5.8	6.2	5.7	5.7	5.4	5.2	5.4	5.7	5.8
OPEC	NA	5.6	8.6	7.9	8.9	7.2	7.5	8.7	9.5	9.5
Iran	NA	7.8	14.7	11.3	15.8	6.1	7.3	10.6	8.2	5.0
Nigeria	NA	5.9	5.4	3.9	3.5	2.8	2.7	2.8	2.3	2.5
Saudi Arabia	NA	11.9	17.4	15.3	15.9	18.1	14.4	13.1	15.7	24.3

^a Except for the United States, data are from the United States Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, based on the ratio of military expenditures to GNP at current market

prices. Military expenditures are for current and capital expenditures to meet the needs of the armed forces, including expenditures of national defense agencies for military programs; expenditures for the military components of such

mixed activities as atomic energy, space, and research and development; military assistance to foreign countries; and expenditures on paramilitary forces where they contribute substantially to a country's military capabilities.

Table 20
Eastern Europe: Gross and Net Hard Currency Debt to the West

Million US \$

	1971	1974	1975	1978	1979	1980	1981	1982	1983	1984 ^a
Total										
Gross	6,072	15,352	23,233	47,490	58,190	66,060	66,810	62,080	62,600	62,195
Net	4,927	12,732	18,857	42,856	51,742	58,480	59,490	55,550	53,850	50,905
Bulgaria										
Gross	743	1,703	2,640	4,263	4,032	3,550	3,050	2,750	2,390	2,245
Net	723	1,360	2,257	3,710	3,292	2,760	2,225	1,750	1,320	845
Czechoslovakia										
Gross	485	1,048	1,132	3,206	4,099	4,920	4,500	4,050	3,950	3,500
Net	160	640	827	2,513	3,050	3,670	3,400	3,300	3,010	2,500
East Germany										
Gross	1,408	3,136	5,388	9,666	12,300	14,100	14,900	13,000	12,840	12,190
Net	1,205	2,592	3,748	8,320	10,340	11,600	12,300	10,700	9,450	7,630
Hungary										
Gross	1,071	2,129	3,135	7,290	8,140	9,090	8,700	7,700	8,260	8,260
Net	848	1,537	2,195	6,349	6,910	7,000	7,050	6,600	6,690	6,150
Poland										
Gross	1,138	4,643	8,014	17,844	22,669	25,000	25,500	24,800	26,400	28,100
Net	764	4,120	7,381	16,972	21,500	24,350	24,700	23,800	25,130	26,530
Romania										
Gross	1,227	2,693	2,924	5,221	6,950	9,400	10,160	9,780	8,760	7,900
Net	1,227	2,483	2,449	4,992	6,650	9,100	9,815	9,400	8,250	7,250

^a Preliminary.

Table 21
Medium- and Long-Term Debt of Selected Less Developed Countries

Billion US \$

	1975	1977	1978	1979	1980	1981	1982	1983	1984
Algeria	5.9	10.2	15.0	17.0	17.3	16.9	16.2	16.5	16.2
Argentina	4.9	7.5	9.8	12.7	15.9	24.3	30.5	31.5	32.0
Brazil	23.4	35.0	46.2	51.5	56.5	64.6	73.0	79.6	84.3
Chile	4.4	4.6	5.9	7.5	9.4	12.6	14.0	15.0	16.0
Ecuador	0.6	1.3	2.8	3.3	4.1	4.2	4.3	6.2	7.0
Egypt	5.1	8.3	10.4	12.2	13.8	15.2	15.4	17.2	18.5
India	12.7	15.0	15.8	17.5	19.2	19.9	21.7	23.5	25.3
Indonesia	8.7	12.3	14.5	16.1	18.1	19.5	22.8	26.5	29.1
Ivory Coast	0.9	2.0	3.1	3.8	4.6	4.9	5.6	5.4	5.5
Malaysia	1.8	2.6	3.1	3.8	4.4	6.6	10.2	12.9	16.2
Mexico	16.6	26.7	32.5	37.7	43.5	53.5	58.5	66.7	85.0
Morocco	1.8	4.3	5.6	6.7	7.5	8.4	9.8	10.3	11.0
Nigeria	1.4	1.7	2.7	4.2	5.2	6.0	10.3	15.7	17.2
Pakistan	5.4	6.9	7.8	8.3	9.2	9.2	9.8	10.4	10.7
Peru	4.4	6.3	7.2	7.3	7.4	7.7	8.6	9.9	10.9
Philippines	2.8	5.1	6.3	7.8	10.0	12.4	15.0	17.7	18.0
South Korea	6.0	9.5	12.7	15.5	17.6	20.0	23.9	26.6	31.6
Sudan	1.5	2.4	2.9	3.5	4.0	5.1	6.6	7.1	7.3
Taiwan	1.9	3.1	3.5	3.9	4.9	5.4	6.5	8.1	7.6
Thailand	1.4	2.0	2.8	4.1	5.8	7.3	8.5	9.7	11.1
Venezuela	2.3	6.3	9.4	12.3	14.2	15.9	19.6	20.1	18.5

Table 22
Metal Prices

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Aluminum ^a (US cents per pound)	27.23	24.50	28.72	39.79	71.64	77.30	76.00	77.70	81.00
Copper ^b (US cents per pound)	30.74	58.51	64.17	55.85	98.68	79.01	67.10	72.00	62.40
Lead ^c (US cents per pound)	9.02	14.39	13.78	18.66	41.10	32.90	24.70	19.20	20.00
Nickel ^d (US cents per pound)	74.00	78.70	129.00	205.83	347.25	346.60	320.00	320.00	320.00
Tin ^e (US cents per pound)	99.60	179.40	166.70	310.20	761.30	641.40	581.60	590.90	556.60
Zinc ^e (US cents per pound)	11.09	14.11	13.40	33.68	34.40	38.40	33.70	34.70	41.50
Silver ^f (US \$ per troy ounce)	0.91	1.29	1.77	4.42	20.70	10.53	7.90	11.40	8.10
Gold ^e (US \$ per troy ounce)	35.28	35.13	35.98	160.47	612.10	460.00	375.50	424.40	360.00
Platinum ^g (US \$ per troy ounce)	83.21	98.04	132.50	164.50	439.50	475.00	475.00	475.00	475.00
Iron ore ^h (US \$ per metric ton)	17.00	16.00	15.00	23.00	27.00	25.00	26.00	24.00	24.00
Manganese ore (US \$ per long ton)	45.00	39.00	28.00	70.60	78.50	82.10	79.90	73.30	69.80
Steel scrap ⁱ (US \$ per long ton)	33.20	34.27	44.95	71.86	91.20	92.00	63.10	73.20	86.40
Chrome ore ^j (US \$ per metric ton)	18.93	19.31	23.12	39.78	55.00	53.00	50.90	50.00	50.00
Finished steel composite ^k (US \$ per long ton)	139.00	142.60	171.30	293.40	486.20	543.50	567.30	590.20	556.60

^a Virgin unalloyed ingot at New York.^b London Metal Exchange electrolytic wirebars.^c London Metal Exchange refined pig lead, minimum 99.97 percent.^d US major producer of cathodes, spot, f.o.b. refinery.^e London Metal Exchange.^f US price (New York).^g Major producers, New York.^h Brazil (North Sea ports).ⁱ Number 1, heavy melting average.^j South African ports.^k Weighted index of steel shapes.

Table 23
Agricultural Prices*US \$ per metric ton*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Beef ^a	NA	882	1,304	1,327	2,760	2,472	2,390	2,440	2,229
Cocoa ^b	NA	355	655	1,239	2,502	1,980	1,640	2,031	2,341
Coffee ^c	915	1,005	1,147	1,442	3,399	2,824	3,080	2,903	3,178
Corn ^d	57	64	66	130	150	150	123	148	150
Cotton ^e	NA	NA	NA	1,016	1,801	1,674	1,386	1,606	1,654
Palm oil ^f	228	273	260	429	583	571	445	502	730
Rice ^g	NA	NA	188	417	598	632	481	514	514
Rubber, natural ^h	842	567	465	659	1,620	1,257	998	1,239	1,093
Soybeans ⁱ	92	117	117	220	296	288	244	282	283
Soybean meal ^j	78	94	103	155	257	252	219	238	197
Soybean oil ^k	224	270	291	563	598	507	447	527	727
Sugar ^l	NA	47	83	452	640	373	186	187	114
Tea ^m	1,422	1,280	1,092	1,375	2,235	2,007	1,982	2,320	3,452
Wheat ⁿ	NA	NA	64	156	209	210	187	183	182

^a Boneless Australian, f.o.b., New York.^b New York cocoa bean futures prices. Average of nearest three active futures trading months.^c Other milds, New York.^d US No. 3 yellow, c.i.f., Rotterdam.^e World Cotton Prices, "B" index, c.i.f., Europe.^f Malaysian, Europe.^g US No. 2, milled, 4%, c.i.f., Rotterdam.^h Smoked sheets, New York.ⁱ US No. 2, yellow, c.i.f., Rotterdam.^j US, c.i.f., Rotterdam.^k Netherlands, f.o.b., ex-mill.^l World Raw Cane, f.o.b., Caribbean Ports, spot prices.^m London, average price all teas.ⁿ US No. 2, DNS, c.i.f., Rotterdam.

Table 24
OPEC Countries: Crude Oil Official Sales Price ^a*US \$ per barrel*

	1973 ^b	1974	1975	1979	1980	1981	1982	1983	1984
OPEC ^c	3.39	11.28	11.02	18.67	30.87	34.50	33.63	29.31	28.70
Algeria (42° API, 0.10% sulfur)	4.79	13.33	12.06	19.65	37.59	39.58	35.79	31.30	30.50
Ecuador (28° API, 0.93% sulfur)	3.67	10.58	11.05	22.41	34.42	34.50	32.96	27.59	27.50
Gabon (29° API, 1.26% sulfur)	3.32	9.56	10.47	18.20	31.09	34.83	34.00	29.82	29.00
Indonesia (35° API, 0.09% sulfur)	4.00	11.93	12.65	18.35	30.55	35.00	34.92	29.95	29.53
Iran (34° API, 1.35% sulfur)	3.24	11.10	10.91	19.45	34.54	36.60	31.05	28.61	28.00
Iraq (35° API, 1.95% sulfur)	3.03	10.77	10.74	18.56	30.30	36.66	34.86	30.32	29.43
Kuwait (31° API, 2.50% sulfur)	2.93	10.79	10.60	18.48	29.84	35.08	32.30	27.68	27.30
Libya (40° API, 0.22% sulfur)	4.82	13.90	11.71	21.16	36.07	40.08	35.69	30.91	30.40
Nigeria (34° API, 0.16% sulfur)	4.50	13.00	11.90	20.86	35.50	38.48	35.64	30.22	29.12
Qatar (40° API, 1.17% sulfur)	3.29	11.61	11.34	19.72	31.76	37.12	34.56	29.95	29.49
Saudi Arabia, Arab light (34° API, 1.70% sulfur)	3.06	10.89	10.72	17.26	28.67	32.50	34.00	29.46	29.00
United Arab Emirates (39° API, 0.75% sulfur)	3.30	11.57	11.13	19.81	31.57	36.42	34.74	30.38	29.56
Venezuela (26° API, 1.52% sulfur)	2.91	9.54	10.63	17.22	28.44	32.88	32.88	28.69	27.88

^a F.o.b. prices set by the government for direct sales and, in most cases, for the producing company buy-back oil.^b Posted prices.^c Weighted by the volume of production.**Table 25**
Wholesale Price Index in Non-Communist Countries*1970=100*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	85	87	100	148	222	243	253	257	263
Canada	81	88	100	172	279	307	326	337	351
Japan	89	90	100	157	202	204	205	203	203
European Community									
Belgium ^a	82	90	100	137	165	176	188	194	201
France ^b	77	85	100	149	217	246	268	298	337
Italy	77	88	100	192	408	482	554	622	682
Netherlands ^c	81	90	100	137	174	190	202	207	216
United Kingdom ^c	74	84	100	189	376	416	448	473	501
West Germany ^{a, c}	88	94	100	137	166	176	184	187	192

^a Excluding the value added tax.^b Intermediate goods prices.^c Industrial goods prices.

Table 26
Consumer Price Index

1970=100

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	76	81	100	139	212	234	249	257	267
Canada	77	83	100	142	217	244	270	286	298
Japan	57	77	100	172	237	248	255	259	265
European Community									
Belgium	74	84	100	150	204	219	238	257	273
France	67	81	100	153	252	285	319	349	376
Italy	68	88	100	171	365	429	501	575	636
Netherlands	66	79	100	151	202	216	229	235	243
United Kingdom	67	80	100	184	360	403	438	458	481
West Germany	77	93	100	135	165	174	184	190	195
Communist countries									
USSR ^a	90	96	100	110	120	124	128	129	130
Eastern Europe ^b									
Bulgaria ^c	73	86	100	116	161	168	168	175	178
Czechoslovakia	73	81	100	111	126	128	131	133	135
East Germany	89	94	100	102	112	114	117	118	118
Hungary	81	87	100	122	167	176	188	204	219
Poland	78	87	100	130	202	261	476	579	686
Romania	NA	NA	100	116	131	139	146	154	171
Other									
China ^d	93	101	100	101	115	118	120	122	125
Yugoslavia	32	61	100	241	561	789	1,039	1,464	2,246

^a Implicit price index obtained from a comparison of indexes of goods sold in the retail trade network in constant and in current prices. The current price index is based on the values of total retail and collective farm market sales in current prices regularly published in Soviet statistical abstracts. The index in constant prices is derived from the goods components of the CIA index of total consumption. A more complete explanation of the methodology and a discussion of the relative merits of an "official" or "alternative" price

index are contained in "Soviet Economy in a New Perspective," US Congress, Joint Economic Committee, 14 October 1976, p. 631.

^b Calculated differently from that for the USSR; the official index of personal consumption in current prices was deflated by a calculated index of personal consumption in constant prices. An explanation of the methodology used to calculate personal consumption is presented in T. P. Alton, "Index of Personal Consumption in Poland, 1937 and 1946-1967,"

Occasional Papers of the Research Projection National Income in East Central Europe (NY: L. W. International Financial Research, Inc., 1973).

^c Price indexes are calculated from official figures for total consumption of the population, including estimates of health and education expenses.

^d Cost-of-living index for workers and staff members. Chinese official statistics.

Table 27
Population*Million persons at midyear*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	641.7	681.6	715.7	751.7	781.7	787.6	793.2	798.5	803.7
United States	180.7	194.3	205.1	216.0	227.7	230.0	232.3	234.5	236.7
Australia	10.4	11.4	12.7	13.8	14.6	14.8	15.1	15.3	15.5
Austria	7.0	7.3	7.4	7.6	7.6	7.6	7.6	7.6	7.6
Canada	17.9	19.7	21.3	22.7	24.1	24.4	24.7	24.9	25.2
Finland	4.4	4.6	4.6	4.7	4.8	4.8	4.8	4.9	4.9
Iceland	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Japan	94.1	98.9	104.3	111.6	116.8	117.6	118.4	119.3	120.0
New Zealand	2.4	2.6	2.8	3.1	3.1	3.1	3.2	3.2	3.2
Norway	3.6	3.7	3.9	4.0	4.1	4.1	4.1	4.1	4.1
Portugal	9.0	9.1	9.0	9.4	9.8	9.9	9.9	9.9	10.0
Spain	30.6	32.1	33.9	35.6	37.5	37.8	38.1	38.3	38.6
Sweden	7.5	7.7	8.0	8.2	8.3	8.3	8.3	8.3	8.3
Switzerland	5.4	5.9	6.3	6.4	6.4	6.4	6.5	6.5	6.5
Turkey	28.2	32.0	35.8	40.8	46.0	47.1	48.1	49.2	50.2
European Community	240.3	252.1	260.4	267.6	270.7	271.5	271.9	272.3	272.7
Belgium	9.1	9.4	9.6	9.8	9.8	9.9	9.9	9.9	9.9
Denmark	4.6	4.8	4.9	5.1	5.1	5.1	5.1	5.1	5.1
France	45.7	48.8	50.8	52.8	53.9	54.1	54.4	54.6	54.8
Greece	8.3	8.6	8.8	9.0	9.6	9.7	9.8	9.8	9.9
Ireland	2.8	2.9	3.0	3.2	3.4	3.5	3.5	3.5	3.6
Italy	50.2	52.0	53.7	55.6	56.5	56.5	56.6	56.8	57.0
Luxembourg	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Netherlands	11.5	12.3	13.0	13.7	14.1	14.2	14.3	14.4	14.4
United Kingdom	52.4	54.4	55.6	56.2	56.3	56.4	56.3	56.4	56.4
West Germany	55.4	58.6	60.7	61.8	61.6	61.7	61.6	61.4	61.2
Less developed countries									
Bangladesh	54.6	60.3	67.4	76.2	88.1	90.6	93.3	95.9	98.6
Burma	22.8	24.9	27.4	30.2	33.4	34.1	34.8	35.5	36.2
Brazil	71.7	83.1	95.7	108.7	123.0	126.3	129.6	132.9	136.3
Egypt	26.8	30.3	33.6	37.0	42.2	43.7	45.1	46.4	47.8
India	445.9	495.7	555.0	621.0	689.0	704.2	719.8	735.6	751.6
Indonesia	100.7	112.3	122.7	137.5	154.9	158.5	162.1	165.8	169.4

Table 27 (continued)
Population

Million persons at midyear

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Less developed countries (continued)									
Iran	21.6	25.0	28.9	33.4	38.8	40.0	41.2	42.5	43.8
Mexico	38.6	45.1	52.8	61.5	70.1	71.9	73.8	75.7	77.7
Nigeria	51.1	58.1	66.7	76.7	89.3	92.1	94.9	96.7	98.8
Pakistan	50.4	57.5	65.7	74.7	85.2	88.4	91.5	94.1	96.6
Philippines	28.6	33.3	38.7	44.4	50.5	51.7	53.0	54.3	55.5
South Korea	25.1	29.1	33.0	36.7	39.6	40.1	40.7	41.4	42.0
Thailand	27.5	32.1	37.1	42.1	46.9	47.8	48.7	49.7	50.6
Communist countries	1,039.5	1,134.4	1,264.8	1,386.6	1,475.4	1,491.6	1,510.0	1,527.1	1,542.5
USSR and Eastern Europe	311.0	330.7	345.8	360.5	374.9	377.6	380.4	383.4	386.4
USSR	214.3	230.9	242.8	254.5	265.5	267.7	270.0	272.5	275.0
Eastern Europe	96.7	99.8	103.0	106.0	109.4	109.9	110.4	110.9	111.4
Bulgaria	7.9	8.2	8.5	8.7	8.9	8.9	8.9	8.9	9.0
Czechoslovakia	13.7	14.1	14.3	14.8	15.3	15.3	15.4	15.4	15.5
East Germany	17.1	17.0	17.1	16.8	16.7	16.7	16.7	16.7	16.7
Hungary	10.0	10.2	10.3	10.5	10.7	10.7	10.7	10.7	10.7
Poland	29.6	31.3	32.5	34.0	35.6	35.9	36.2	36.6	36.9
Romania	18.4	19.0	20.3	21.2	22.2	22.4	22.5	22.6	22.6
Other									
Albania	1.6	1.9	2.1	2.4	2.7	2.7	2.8	2.8	2.9
Cambodia	5.4	6.1	7.1	6.7	5.7	5.8	5.9	6.0	6.1
China	650.7	715.5	820.4	917.9	983.4	994.9	1,008.2	1,020.0	1,030.0
Cuba	7.0	7.8	8.5	9.3	9.7	9.7	9.8	9.9	10.0
Laos	2.4	2.7	3.0	3.3	3.5	3.5	3.6	3.6	3.7
Mongolia	1.0	1.1	1.2	1.4	1.7	1.7	1.8	1.8	1.8
North Korea	10.5	12.1	13.9	15.9	17.9	18.3	18.7	19.2	19.6
Vietnam	31.5	37.1	42.4	47.9	53.6	54.9	56.2	57.6	59.0
Yugoslavia	18.4	19.4	20.4	21.3	22.3	22.5	22.6	22.8	23.0

Table 28
Labor Force ^a

Million persons at midyear

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	71.49	76.40	84.89	95.45	108.54	110.32	111.87	113.23	115.24
Canada ^b	6.58	7.32	8.49	10.05	11.65	11.98	12.03	12.26	12.47
Japan ^b	44.33	47.01	50.97	52.77	55.98	56.56	57.22	58.35	58.72
European Community									
France	20.40	20.34	21.38	22.19	23.14	23.22	23.45	23.38	23.57
Italy	21.10	20.21	20.03	20.42	21.62	21.79	21.83	21.96	21.95
United Kingdom	24.06	25.07	24.88	25.47	26.20	26.20	26.20	26.30	26.72
West Germany ^b	26.28	26.85	26.74	26.65	27.03	27.14	27.17	27.18	27.22
Communist countries									
USSR and Eastern Europe	153	162	174	188	200	202	203	205	NA
USSR ^c	110.13	116.49	125.61	135.77	146.07	147.75	149.22	150.52	151.67
Eastern Europe									
Bulgaria	1.77	2.20	2.75	3.68	4.02	4.07	4.10	4.11	4.11
Czechoslovakia	6.36	6.83	7.36	7.76	8.10	8.12	8.12	8.23	8.29
East Germany	7.99	8.07	8.22	8.40	8.72	8.76	8.81	8.87	NA
Hungary	4.74	4.65	4.98	5.09	5.07	5.02	5.00	4.97	4.94
Poland	12.51	13.89	15.61	17.18	17.87	17.95	17.50	17.54	NA
Romania ^d	9.54	9.68	9.88	10.15	10.35	10.38	10.43	10.46	NA
Other									
China ^e	258.80	286.70	344.32	381.68	418.96	432.80	447.06	460.04	NA
Cuba	NA	NA	4.18 ^f	4.45	4.99	5.22	5.43	NA	NA
Vietnam ^g	8.50	9.70	10.95	12.50	26.50	27.50	27.90	29.00	30.10
Yugoslavia ^h	7.07	7.81	8.05	8.33	9.00	9.10	9.21	9.34	NA

^a Unless otherwise indicated, data include the armed forces and the unemployed.

^b Annual averages of monthly data.

^c Data are from *Estimates and Projections of the Labor Force and Civilian Employment in the USSR*, by Stephen Rapawy, Foreign Economic Report No. 10, US Department of Commerce, September 1976, p. 19.

^d Excluding the armed forces.

^e Data are as of the end of the year.

^f Data are for 1971.

^g Excluding the armed forces and prior to 1980 South Vietnam.

^h Excluding those employed abroad and the armed forces.

Table 29
Agricultural Labor Force*Million persons at midyear*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	5.57	4.48	3.57	3.50	3.53	3.52	3.57	3.54	3.47
Canada	0.80	0.69	0.60	0.56	0.58	0.60	0.56	0.59	0.59
Japan	12.80	10.50	8.49	6.38	5.51	5.33	5.25	5.06	NA
European Community									
France	4.30	3.58	2.82	2.10	1.84	1.79	1.74	1.69	NA
Italy	6.51	5.03	3.84	3.24	2.90	2.73	2.52	NA	NA
United Kingdom	0.98	0.95	0.78	0.67	0.66	0.65	0.64	NA	NA
West Germany	3.62	2.88	2.26	1.77	1.44	1.40	1.38	1.37	1.37
Communist countries									
USSR and Eastern Europe	61.8	54.8	51.3	47.4	44.3	43.8	43.2	42.7	NA
USSR ^a	45.44	40.04	37.50	34.85	32.19	31.66	31.13	30.60	30.07
Eastern Europe	16.4	14.8	13.8	12.5	12.1	12.1	12.1	12.1	NA
Bulgaria	0.15	0.20	0.27	0.79	0.96	0.95	0.94	0.92	0.90
Czechoslovakia	1.47	1.26	1.18	1.03	0.98	0.98	0.97	0.96	NA
East Germany	1.34	1.23	1.02	0.92	0.91	0.92	0.92	0.93	NA
Hungary	1.83	1.33	1.25	1.08	1.04	1.03	1.05	1.08	1.07
Poland	5.37	5.30	5.22	4.88	5.16	5.22	5.19	5.16	NA
Romania	6.23	5.48	4.85	3.84	3.05	3.00	2.99	3.02	NA
Other									
China ^b	170.19	233.98	278.14	294.60	302.11	311.71	320.13	325.10	NA
Cuba	NA	NA	0.92 ^c	0.92	0.77	0.77	0.77	NA	NA
Vietnam ^d	6.50	6.75	7.65	8.70	15.65	15.70	15.70	15.80	15.90
Yugoslavia	4.14	4.12	3.38	3.03	2.42	2.33	2.25	2.21	NA

^a Data are from *Estimates and Projections of the Labor Force and Civilian Employment in the USSR*, by Stephen Rapawy, Foreign Economic Report No. 10, US Department of Commerce, September 1976, p. 19.

^b Yearend data.

^c Data are for 1971.

^d Including South Vietnam beginning in 1980.

Table 30
Nonagricultural Labor Force ^a*Million persons at midyear*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	65.92	71.92	81.32	91.95	105.02	106.80	108.30	109.68	111.77
Canada	5.79	6.62	7.88	9.49	11.06	11.38	11.48	11.67	11.89
Japan	31.53	36.51	42.48	46.39	50.47	51.23	51.97	53.29	NA
European Community									
France	16.10	16.76	18.56	20.09	21.30	21.43	21.71	21.69	NA
Italy	14.59	15.18	16.19	17.18	18.72	19.06	19.30	NA	NA
United Kingdom	23.08	24.12	24.10	24.80	25.54	25.55	25.56	NA	NA
West Germany	22.66	23.97	24.48	24.88	25.59	25.74	25.79	25.81	25.85
Communist countries									
USSR and Eastern Europe	91.2	107	123	141	156	158	160	162	NA
USSR ^b	64.70	76.46	88.11	100.92	113.88	116.09	118.08	119.92	121.60
Eastern Europe	26.5	30.5	35.0	39.7	42.0	42.2	41.9	42.1	NA
Bulgaria	1.62	2.00	2.48	2.89	3.06	3.12	3.16	3.19	3.21
Czechoslovakia	4.89	5.57	6.18	6.73	7.12	7.14	7.15	7.27	NA
East Germany	6.65	6.84	7.20	7.48	7.81	7.84	7.89	7.95	NA
Hungary	2.91	3.32	3.73	4.01	4.03	3.99	3.95	3.89	3.87
Poland	7.14	8.59	10.39	12.30	12.71	12.73	12.31	12.38	NA
Romania ^c	3.31	4.20	5.03	6.31	7.30	7.38	7.44	7.44	NA
Other									
China ^d	88.61	52.72	66.18	87.08	116.85	121.09	126.93	134.94	NA
Cuba ^e	NA	NA	3.26 ^f	3.53	4.22	4.45	4.66	NA	NA
Vietnam ^g	2.00	2.95	3.30	3.80	10.85	11.80	12.20	13.20	14.20
Yugoslavia ^h	2.93	3.69	4.67	5.30	6.58	6.77	6.96	7.13	NA

^a Unless otherwise indicated, data include the armed forces.^b Data are from *Estimates and Projections of the Labor Force and Civilian Employment in the USSR*, by Stephen Rapawy, Foreign Economic Report No. 10, US Department of Commerce, September 1976, p. 19.^c Excluding the armed forces.^d Yearend data are workers and staff plus individual workers in cities and towns.^e State sector only.^f Data are for 1971.^g Excluding the armed forces and prior to 1980, South Vietnam.^h Excluding those employed abroad and the armed forces.

Table 31
Industrial Employment ^a*Million persons, annual average*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	22.00	24.31	26.08	25.30	29.14	29.00	27.07	27.02	28.62
Canada	1.91	2.23	2.36	2.61	2.93	2.98	2.70	2.62	2.72
Japan	12.38	15.01	17.88	18.37	19.18	19.30	19.21	19.47	NA
European Community									
France	6.98	7.64	7.92	7.85	7.41	7.20	7.06	6.85	NA
Italy	6.86	7.17	7.59	7.66	7.77	7.72	7.59	NA	NA
United Kingdom	11.18	11.12	10.53	9.67	8.95	8.03	7.57	NA	NA
West Germany	11.91	12.50	12.46	11.24	11.15	10.89	10.47	10.11	10.01
Communist countries									
USSR and Eastern Europe	34.8	41.2	47.2	51.6	55.2	55.6	55.8	56.1	NA
USSR	22.62	27.45	31.59	34.05	36.89	37.24	37.61	37.83	37.98
Eastern Europe	12.2	13.8	15.6	17.5	18.3	18.4	18.2	18.2	NA
Bulgaria	0.77	0.95	1.16	1.30	1.37	1.39	1.40	1.41	1.42
Czechoslovakia	2.26	2.48	2.67	2.83	2.95	2.95	2.96	2.97	2.99
East Germany	3.18	3.19	3.26	3.30	3.39	3.42	3.44	3.46	NA
Hungary	1.35	1.59	1.79	1.81	1.70	1.65	1.62	1.58	1.55
Poland	3.16	3.73	4.45	5.15	5.25	5.24	4.99	4.97	4.94
Romania	1.44	1.86	2.28	3.11	3.68	3.75	3.81	3.84	NA
Other									
China ^b	29.79	18.28	28.09	42.84	56.00	57.96	59.30	60.23	NA
Cuba ^c	NA	NA	0.57 ^d	0.68	0.85	0.87	0.89	NA	NA
Vietnam ^e	0.75	0.95	1.10	1.25	2.15	2.25	2.25	2.25	2.35
Yugoslavia	1.07	1.38	1.44	1.82	2.16	2.24	2.31	2.37	NA

^a Including employment in manufacturing, mining, and construction.

^b Yearend data.

^c State sector only.

^d Data are for 1971.

^e Including South Vietnam beginning in 1980.

Table 32
Big Seven: Unemployment Rates ^a

Percent

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States	5.5	4.5	4.9	8.5	7.1	7.6	9.7	9.6	7.5
Canada	7.0	3.9	5.7	6.9	7.5	7.5	11.1	11.8	11.3
France	1.8	1.6	2.6	4.3	6.2	7.6	8.6	8.5	9.6
Italy ^b	3.8	3.5	3.1	3.2	3.8	4.2	4.6	5.0	5.2
Japan	1.7	1.2	1.2	1.9	2.0	2.2	2.4	2.7	2.7
United Kingdom ^c	2.2	2.2	3.1	4.1	6.5	10.0	11.6	12.4	12.6
West Germany	1.1	0.5	0.6	4.1	4.0	5.6	7.7	9.2	9.1

^a Unemployment as a share of total civilian labor force.

^b Data adjusted to US concepts.

^c Excluding Northern Ireland.

Table 33
Big Seven: Personal Savings Rates ^a

Percent

	1960	1970	1975	1979	1980	1981	1982	1983	1984
United States	5.6	8.0	8.6	5.9	6.0	6.7	6.2	5.0	6.1
Canada	3.3	5.3	10.9	11.3	12.3	14.2	15.2	13.3	12.5
Japan	17.4	18.2	22.1	18.7	19.2	19.7	17.6	17.3	17.0
France	9.8	16.7	18.6	16.2	14.9	15.8	15.7	14.9	NA
Italy	NA	21.6	23.2	25.3	22.0	24.0	24.0	NA	NA
United Kingdom	7.2	9.3	12.7	14.1	15.2	13.5	12.9	10.9	10.7
West Germany	8.5	14.6	16.4	13.9	14.2	14.9	14.2	12.7	12.5

^a Savings as a share of disposable personal income.

Table 34
Foreign Trade Exchange Rates of the Communist Countries ^a

Units per US \$

	Unit of Currency	1971	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984
USSR	Ruble	0.900	0.739	0.720	0.737	0.681	0.655	0.649	0.719	0.726	0.743	0.816
Eastern Europe												
Bulgaria	Lev	1.17	0.97	0.97	0.95	0.89	0.86	0.86	0.95	0.95	0.97	0.97
Czechoslovakia	Koruna	7.20	5.84	5.58	5.64	5.42	5.31	5.38	5.80	6.09	6.37	6.65
East Germany ^b	Deutsche mark east	4.20	3.48	3.48	3.48	3.48	3.48	3.30	3.32	3.46	3.54	3.75
Hungary ^c	Forint	11.74	9.50	8.57	40.96	38.01	35.58	32.43	34.33	36.63	42.66	48.04
Poland	Zloty	4.00	3.32	3.32	3.32	3.17	3.09	3.05	3.36	84.82	91.62	112.00
Romania	Leu	6.00	4.97	4.97	4.97	4.56	4.47	4.47	15.00	15.00	15.00	16.00
Other												
Albania	Lek	5.00	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14
China	Yuan	2.39	2.01	1.96	1.94	1.85	1.68	1.55	1.49	1.70	1.98	2.32
Cuba	Peso	1.00	0.84	0.83	0.82	0.79	0.75	0.72	0.71	0.78	0.86	0.88
Kampuchea	Riel	NA	NA	NA	NA	NA	NA	NA	NA	4.00	4.00	NA
Laos	Kip	NA	NA	NA	NA	NA	NA	30.00	30.00	35.00	35.00	NA
Mongolia	Tugrik	NA	3.31	NA	3.30	3.11	3.11	NA	NA	3.23	NA	NA
North Korea ^d	Won	2.36	2.06	2.02	2.02	1.86	1.79	1.77	1.85	2.00	NA	NA
Vietnam	Dong	NA	NA	NA	2.30	2.54	2.17	2.80	9.00	9.00	11.00	100.00
Yugoslavia	Dinar	14.96	16.19	17.39	18.30	18.64	19.00	24.91	35.51	50.27	92.84	166.10

^a Average exchange rate for the year. Some countries also have special exchange rates for noncommercial transactions, such as diplomatic, tourist, and student expenditures and for personal remittances.

^b The unofficial rates actually used in East German accounting of foreign trade transactions. The official rate is 2.05 deutsche marks to the dollar.

^c Since January 1976, Hungary has expressed the value of

its foreign trade in domestic forints rather than diviza forints.

^d End of year rate. Noncommercial rate through 1977; 1978 is a "special" rate for March 1978 as reported. Data for 1981-82 are estimated.

Soviet Economic Performance

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Table 35
USSR: Percent Distribution of Gross National Product at Factor Cost,^a by End Use

Percent

	1960	1965	1970	1975	1980	1981	1982	1983	1984 ^b
Total	100	100	100	100	100	100	100	100	100
Consumption ^c	58	54	54	54	54	54	53	53	53
Investment	24	27	28	31	33	33	34	34	34
New fixed ^d	20	22	23	25	25	26	26	26	26
Defense, administration, R&D, inventory change, net exports, and outlays n.e.c.	18	19	18	16	13	13	13	13	13

^a Because of the well-known difficulties in using Soviet established prices as a measure of resource burden, the shares of GNP in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1970 end-use weights have been revised from an established price basis to a factor

cost basis by subtracting turnover taxes and profits and adding subsidies and implicit capital charges. These revised weights are then moved over time by indexes of the various end uses in constant prices.
^b Preliminary.

^c Including consumption of food, soft goods, durables, personal services, and personal and government outlays for education and health.
^d Including machinery and equipment, construction and other capital outlays, and net additions to livestock.

Table 36
USSR: Growth of Gross National Product at Factor Cost, by End Use^a

Percent

	Average Annual Rate of Growth								
	1961-65	1966-70	1971-75	1976-80	1980	1981	1982	1983	1984 ^b
Total	5.0	5.3	3.7	2.6	1.7	1.9	2.6	3.7	2.5
Consumption ^c	3.7	5.3	3.6	2.7	2.9	2.2	1.0	2.5	3.0
Investment	7.5	6.0	5.4	4.0	3.2	4.0	3.4	4.4	1.7
New fixed ^d	7.2	6.4	4.8	3.2	1.9	3.2	3.1	4.6	1.2
Defense, administration, R&D, inventory change, net exports, and outlays n.e.c.	5.8	4.2	1.3	-0.6	-6.2	-4.6	7.3	6.5	2.1

^a Because of the well-known difficulties in using Soviet established prices as a measure of resource burden, the shares of GNP in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1970 end-use weights have been revised from an established price basis to a factor

cost basis by subtracting turnover taxes and profits and adding subsidies and implicit capital charges. These revised weights are then moved over time by indexes of the various end uses in constant prices.
^b Preliminary.

^c Including consumption of food, soft goods, durables, personal services, and personal and government outlays for education and health.
^d Including machinery and equipment, construction and other capital outlays, and net additions to livestock.

Table 37**USSR: Share of Gross National Product,^a by Sector of Origin**

Percent

	1965	1970	1975	1980	1981	1982	1983	1984 ^b
GNP	100	100	100	100	100	100	100	100
Agriculture	23	21	16	14	14	14	15	14
Industry	30	32	35	37	37	37	37	37
Construction	7	7	8	8	8	8	8	8
Transportation	8	9	10	10	11	10	10	10
Communications	1	1	1	1	1	1	1	1
Trade	7	7	8	8	8	8	8	8
Services	22	20	20	20	20	20	20	20
Other ^c	2	2	2	2	2	2	2	2

^a Calculated at factor costs.^c Including salaries for military personnel.^b Preliminary.**Table 38****USSR: Growth of Gross National Product,^a by Sector of Origin**

Percent

	Average Annual								
	1961-65	1966-70	1971-75	1976-80	1980	1981	1982	1983	1984 ^b
GNP	5.0	5.3	3.7	2.6	1.7	1.9	2.6	3.7	2.5
Agriculture ^c	3.6	3.9	-0.4	1.2	-3.4	-0.3	6.2	6.5	-1.4
Industry	6.7	6.4	5.9	3.2	3.0	2.3	2.4	3.8	3.8
Construction	5.1	5.8	5.6	1.9	2.1	2.2	0.8	3.2	2.7
Transportation	9.0	6.7	6.5	3.5	4.1	3.8	0.9	2.6	0.7
Communications	7.1	8.9	7.3	5.8	5.6	5.0	3.2	4.1	4.9
Trade	4.8	7.0	4.6	3.0	2.8	2.4	1.1	3.3	3.0
Services	4.1	4.3	3.4	2.7	3.1	2.1	2.3	2.3	2.1
Other ^d	3.0	4.9	2.5	1.6	1.2	0.7	1.0	0.1	0.4

^a Calculated at factor cost.^c Excluding intra-agricultural use of farm products but does not make an adjustment for purchases by agriculture from other sectors.^d Including salaries for military personnel.^b Preliminary.

Table 39
USSR: Gross Fixed Capital Investment,
by Function and by Sector ^a

Billion rubles

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Total investment	41.3	56.0	80.6	112.9	133.7	138.8	143.8	152.0	154.3
By function									
Construction and installation	29.1	35.5	49.9	66.2	69.0	70.3	71.6	74.7	NA
Equipment	10.0	16.9	24.4	37.1	50.8	53.4	55.9	59.7	NA
Other capital outlays ^b	2.2	3.6	6.3	9.6	13.9	15.1	16.3	17.6	NA
By sector									
Industry ^c	14.9	20.6	28.5	39.7	47.6	49.5	50.9	53.7	NA
Ferrous metallurgy	1.4	1.8	2.0	2.8	2.8	3.1	3.2	3.3	NA
Chemicals and petrochemicals	1.0	2.2	2.4	3.8	4.0	3.8	4.0	4.1	NA
Fuels and power	4.4	6.6	8.2	11.1	15.5	16.6	17.7	18.7	NA
Machine building and metalworking	2.0	3.1	6.0	9.4	11.9	12.4	12.5	13.3	NA
Construction materials	1.2	1.0	1.7	1.9	1.9	2.0	1.8	2.0	NA
Consumer goods	2.0	2.4	3.5	4.5	4.9	5.0	5.1	5.4	NA
Other ^d	2.9	3.5	4.7	6.2	6.6	6.6	6.6	6.9	NA
Construction industry	1.2	1.5	3.0	4.4	5.4	5.4	5.9	5.9	NA
Transport and communications	4.1	5.6	8.0	12.7	16.1	16.7	17.6	18.9	NA
Agriculture	5.4	9.5	14.3	23.3	26.9	27.6	28.0	29.0	NA
Housing	9.4	9.6	13.4	16.3	17.9	19.0	20.3	21.9	NA
Other sectors ^e	6.3	9.2	13.4	16.5	19.8	20.6	21.1	22.6	NA

^a The construction portion of gross fixed investment is reported in standard project costs ("estimate prices" in Soviet terminology) of 1 January 1976. Investment in machinery and equipment is in wholesale prices of 1 January 1973.

^b Other capital outlays are for surveys, designs, technical documentation, and the like.

^c Investment data for 1980-83 in the industrial sector includes expenditures of collective farms on the construction of industrial enterprises. Such expenditures were previously excluded so that the data are not strictly comparable with earlier years. However, the differential in most cases is quite small.

^d Computed as a residual; includes investment in nonferrous metallurgy, timber, paper, woodworking, and miscellaneous other branches of industry.

^e Computed as a residual. It includes investment in such activities as trade, material and technical supplies, services and procurements; science, education, culture, and art; health, social insurance, physical culture, tourism, commercial economy, and personal services.

Table 40
USSR: Stock of Fixed Capital, by Sector ^a

Billion rubles

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Total capital stock ^b	398	601	860	1,256	1,742	1,851	2,108	2,092	2,220
Industry	100	168	255	385	554	593	634	678	NA
Ferrous metallurgy	10	17	26	38	51	53	57	60	NA
Chemicals and petrochemicals	5	13	23	36	56	60	65	69	NA
Fuels and power	32	51	78	112	157	167	178	192	NA
Machine building and metalworking	18	32	51	82	129	139	149	160	NA
Construction materials	6	9	14	22	30	32	34	35	NA
Consumer goods	14	22	32	47	62	66	70	73	NA
Timber, woodworking, and paper	6	9	13	18	25	27	28	30	NA
Other	9	15	18	30	44	49	53	59	NA
Construction industry	7	12	22	35	55	60	66	71	NA
Trade, public dining, material, technical supply	11	20	31	47	66	70	73	78	NA
Agriculture ^b	54	77	106	167	238	254	272	290	NA
Transport and communications	54	83	117	171	237	252	268	286	NA
Housing	120	159	204	267	338	354	511	389	NA
Services	52	82	125	184	254	268	284	300	NA

^a The fixed capital series presented here is expressed in prices of 1973 with the value of stocks estimated as of 31 December of the respective year.

^b Including the value of basic herds.

Table 41
USSR: Aggregate Factor Productivity*Average annual rate of growth in percent*

	1961-65 ^a	1966-70 ^a	1971-75 ^a	1976-80 ^a	1980	1981	1982	1983	1984 ^b
Gross national product ^c	5.0	5.3	3.7	2.6	1.7	1.9	2.6	3.7	2.5
Factor productivity	0.5	1.1	-0.5	-0.8	-1.5	-1.1	-0.5	0.6	-0.4
Manhours	3.4	3.2	2.0	1.5	0.6	1.1	1.7	2.8	1.9
Capital	-3.5	-2.0	-4.0	-4.0	-4.6	-4.2	-3.5	-2.5	-3.5
Land	4.4	5.6	2.9	2.7	2.1	3.2	2.2	3.3	2.5
Combined inputs ^d	4.5	4.1	4.2	3.5	3.2	3.0	3.1	3.0	2.8
Manhours	1.6	2.0	1.7	1.1	1.0	0.8	0.9	0.8	0.6
Capital	8.8	7.4	8.0	6.9	6.5	6.4	6.3	6.3	6.2
Land	0.6	-0.3	0.8	-0.1	-0.5	-1.3	0.4	0.3	NEGL

^a For computing average annual rates of growth, the base year is the year prior to the stated period.

^b Preliminary.

^c Based on indexes of GNP (1970 rubles), by sector of origin, at factor cost.

^d Inputs of manhours, capital, and land are combined using weights of 55.8 percent, 41.2 percent, 3.0 percent, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent the distribution of labor costs (wages, social insurance deductions and other income),

capital costs (depreciation and a calculated capital charge), and land rent in 1970, the base year for all indexes underlying the growth rate calculations.

Table 42
USSR: Industrial Factor Productivity*Average annual rate of growth in percent*

	1961-65 ^a	1966-70 ^a	1971-75 ^a	1976-80 ^a	1980	1981	1982	1983	1984 ^b
Industrial production	6.7	6.4	5.9	3.2	3.0	2.3	2.4	3.8	3.8
Factor productivity	-0.5	0.4	0.7	-1.3	-1.0	-1.9	-1.5	0	0
Manhours	3.7	3.2	4.4	1.9	2.2	1.7	1.7	3.2	3.3
Capital	-4.2	-2.2	-2.6	-4.2	-3.9	-5.1	-4.4	-2.9	-2.9
Combined inputs ^c	7.3	6.0	5.2	4.6	4.0	4.3	3.9	3.9	3.8
Manhours	2.9	3.1	1.5	1.3	0.7	0.6	0.7	0.6	0.5
Capital	11.4	8.8	8.7	7.7	7.1	7.8	7.0	6.9	6.9

^a For computing the average annual rates of growth, the base year is the year prior to the stated period.

^b Preliminary.

^c Inputs of manhours and capital are combined using weights of 47.8 percent and 52.2 percent, respectively, in a Cobb-Douglas (linear homogeneous) production

function. These weights represent the distribution of labor costs (wages, social insurance deductions and other income) and capital costs (depreciation and a calculated capital charge) in 1970, the base year for all indexes underlying the growth rate calculations.

Table 43
USSR: Industrial Production,
by Branch of Industry ^a

Average annual rate of growth in percent

	1961-65 ^b	1966-70 ^b	1971-75 ^b	1976-80 ^b	1980	1981	1982	1983	1984 ^c
Industrial materials	6.9	5.8	5.4	2.3	2.2	1.8	1.4	3.3	2.9
Electricity	11.5	7.9	7.0	4.5	4.5	2.5	3.1	3.7	5.3
Fuels	6.3	5.0	5.0	3.1	1.6	1.5	1.8	1.4	0.9
Ferrous metals	7.2	5.1	4.0	0.7	-1.1	-0.1	0.1	2.7	0.8
Nonferrous metals	8.2	7.9	5.9	1.6	1.5	0.3	0.8	3.0	3.0
Wood, pulp, and paper products	2.7	2.8	2.6	-0.3	1.4	2.3	0.9	3.2	3.5
Construction materials	5.4	5.8	5.6	1.3	2.0	0.9	0.3	2.3	2.3
Chemicals	11.9	8.5	8.2	3.8	4.7	4.0	1.5	6.7	4.1
Total machinery	7.7	7.3	7.8	5.0	4.5	3.1	4.0	5.0	5.5
Producer durables	9.1	8.2	8.8	5.9	5.1	3.2	4.5	5.6	6.6
Consumer durables	9.8	11.7	11.2	6.6	6.7	5.4	4.7	5.1	2.2
Nondurable consumer goods	4.9	6.4	3.6	1.9	1.2	2.0	1.3	2.2	2.0
Soft goods	2.6	7.2	2.7	2.7	2.3	1.9	-0.5	1.1	2.2
Processed foods	6.8	5.8	4.2	1.4	0.4	2.0	2.8	3.0	1.9
Total industrial production	6.7	6.4	5.9	3.2	3.0	2.3	2.4	3.8	3.8

^a Based on CIA estimates rather than Soviet official series. The latter are believed to contain an upward bias in rates of growth because of double-counting and disguised inflation. The branch indexes shown above are formed by combining price-weighted samples of products into sector indexes, which in turn are combined into branch indexes using 1970 value-added weights. The indexes for industrial materials,

consumer nondurables, and total industrial production are formed by combining the component branch indexes using 1970 value-added weights.

^b The base year is the year prior to the stated period. Rates of growth are derived from unrounded data.

^c Preliminary.

Table 44
USSR: Hard Currency Trade, by Commodity ^a

	<i>Million US \$</i>					<i>Share of Total ^b Percent</i>				
	1970	1975	1980	1982	1983	1970	1975	1980	1982	1983
Exports ^c	2,424	8,280	23,584	26,513	26,243	19	25	31	30	29
Petroleum and petroleum products	430	3,391	12,295	14,912	15,527	29	41	43	42	41
Natural gas	14	220	2,704	3,672	3,194	27	34	48	45	38
Coal and coke	106	402	366	133	177	26	29	22	8	10
Machinery and equipment	193	647	1,468	1,865	1,932	7	10	12	17	17
Ferrous metals	137	164	246	247	201	10	6	7	7	5
Wood and wood products	389	739	1,500	848	853	47	39	49	34	33
Chemicals	64	243	758	700	691	19	26	38	30	30
Agricultural products	192	547	458	454	328	14	23	17	16	14
Diamonds	175	478	1,304	NA	NA	NA	NA	NA	NA	NA
Other	724	1,449	2,485	3,682	3,340	18	17	17	18	15
Imports	2,984	14,577	26,070	27,544	27,715	25	39	36	35	34
Grain	101	2,323	4,548	5,504	4,859	75	87	92	89	94
Other agricultural products	657	1,760	4,717	4,460	4,242	30	27	35	31	33
Machinery and equipment	967	4,593	6,039	6,114	6,998	23	37	26	23	23
Rolled ferrous metals	303	2,627	3,606	4,247	3,712	51	79	78	88	77
Chemicals	215	722	1,646	1,457	1,431	50	54	56	37	52
Consumer goods	392	630	1,123	921	1,171	16	11	10	3	11
Other	349	1,922	4,391	4,841	5,302	20	12	48	36	42

^a Including all countries trading with the Soviet Union on a hard currency basis as of 1 January 1980.

^b The importance of hard currency trade is overstated for exports and understated for imports in Soviet statistics because of the artificial prices the USSR uses in its CEMA country trade.

^c Export totals in this table do not agree with tables 45 and 46. Data in this table excludes exports not specified by partner countries (hard currency LDCs), which are believed to be deliveries of military goods.

Table 45
USSR: Hard Currency Trade With Non-Communist
Countries, 1983-84 ^a

Million US \$

	1983			1984		
	Exports ^b	Imports	Balance	Exports ^b	Imports	Balance
Total	32,428	27,715	4,713	31,614	27,439	4,175
Developed countries	23,317	21,737	1,580	23,454	21,383	2,071
Of which:						
Australia	16	546	-530	27	592	-565
Austria	764	1,063	-299	944	1,096	-152
Canada	32	1,725	-1,693	23	1,726	-1,703
France	3,270	2,332	938	3,010	2,186	824
Italy	4,048	1,939	2,109	3,882	1,629	2,253
Japan	1,114	2,937	-1,823	1,033	2,527	-1,494
Netherlands	1,652	661	991	1,983	340	1,643
Sweden	881	344	537	693	334	359
Switzerland	689	466	223	666	504	162
United Kingdom	1,599	853	746	1,713	1,008	705
United States	446	2,119	-1,673	376	3,480	-3,104
West Germany	5,093	4,386	707	5,196	4,031	1,165
Less developed countries	9,111	5,978	3,133	8,160	6,056	2,104
Of which:						
Argentina	35	1,754	-1,719	32	1,358	-1,326
Brazil	144	797	-653	117	458	-341
Iraq	501	516	-15	336	823	-487
Libya	357	1,368	-1,011	172	1,394	-1,222

^a Official Soviet trade data on f.o.b. basis.

^b Includes exports not specified by partner countries, which are believed to be deliveries of military goods.

Table 46
USSR: Hard Currency Balance of Payments

Million US \$

	1960	1965	1970	1975	1980	1981	1982	1983	1984 ^a
Trade balance	-250	-186	-320	-4,797	1,714	200	4,433	4,713	4,175
Exports, f.o.b. ^b	768	1,374	2,664	9,780	27,784	27,978	31,977	32,428	31,614
Imports, f.o.b.	1,018	1,560	2,984	14,577	26,070	27,778	27,544	27,715	27,439
Net interest	-5	-15	-80	-570	-710	-1,375	-1,200	-1,150	-1,050
Other invisibles and hard currency trade not included elsewhere ^c	-65	-45	500	760	900	1,000	1,100	1,100	1,100
Current account balance	-320	-246	100	-4,607	1,904	-175	4,333	4,663	4,225
Borrowing from abroad ^d	90	40	290	5,400	-185	3,000	-865	500	-300
Change in assets ^e	0	0	-25	395	235	140	-1,575	400	-200
Gold sales	200	550	0	725	1,580	2,700	1,100	750	700
Capital account balance	290	590	265	6,520	1,630	5,840	-1,340	1,650	200
Errors and omissions ^f	30	-344	-365	-1,913	-3,534	-5,665	-2,993	-6,313	-4,425

^a Estimated.

^b Including military exports to the LDCs.

^c Including estimated net receipts from tourism, transportation, and official transfers.

^d Soviet drawings less repayments on Western credits.

^e Net change in Soviet assets held with Western commercial banks.

^f Including Soviet hard currency aid to and trade with other CEMA countries and trade credits extended to finance Soviet exports—including arms—to non-Communist hard currency trade partners.

Table 47
USSR: Hard Currency Debt to the West

Billion US \$

	1971	1975	1978	1979	1980	1981	1982	1983	1984 ^a
Commercial debt	0.4	6.9	9.5	10.5	10.0	13.0	11.3	11.5	11.3
Government-backed debt	1.4	3.6	6.9	7.6	7.8	7.9	8.7	9.0	8.9
Gross debt	1.8	10.5	16.4	18.1	17.8	20.9	20.0	20.5	20.2
Assets with Western banks	1.2	3.1	6.0	8.8	8.6	8.4	10.0	9.6	9.8
Net debt	0.6	7.4	10.4	9.3	9.2	12.5	10.0	10.9	10.4
Debt service	0.3	1.8	3.6	4.2	4.7	5.4	5.8	6.0	6.1
Debt-service ratio (percent) ^b	10	15	17	16	15	17	16	17	18

^a Estimated.^b Debt service as a share of commodity export earnings plus sales of arms, gold, interest receipts, net invisibles, and transfers.

Table 48
USSR: Gold Production and Reserves

Million troy ounces

	Production	Reserves		Production	Reserves
1965	5.33	29.61	1976	8.87	57.77
1968	6.23	41.37	1977	9.19	54.72
1969	6.59	46.77	1978	9.54	49.08
1970	7.00	52.43	1979	9.87	50.83
1971	7.20	57.77	1980	10.20	58.22
1972	7.81	59.22	1981	10.50	60.72
1973	8.03	56.16	1982	10.60	68.10
1974	8.42	59.02	1983	10.70	76.87
1975	8.29	61.08	1984	NA	NA

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Foreign Trade and Aid

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Table 49
Exports by Selected Non-Communist Countries **Million US \$*

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
OECD	84,723	127,088	222,485	574,593	1,062,424	1,252,177	1,231,657	1,169,724	1,154,205	NA
United States	20,601	27,530	43,241	108,112	182,025	220,786	233,739	212,276	200,538	217,890
Australia	2,050	3,005	4,771	11,943	18,667	22,031	21,767	21,987	20,639	23,774
Austria	1,120	1,600	2,857	7,519	15,481	17,489	15,841	15,642	15,428	15,739
Canada	5,813	8,449	16,747	34,080	58,297	67,734	72,726	71,234	76,461	90,291
Japan	4,055	8,452	19,318	55,727	102,299	130,441	151,495	138,385	146,965	169,700
New Zealand	847	1,007	1,223	2,160	4,706	5,421	5,622	5,571	5,414	5,518
Norway	881	1,443	2,457	7,232	13,546	18,542	18,217	17,593	17,997	18,915
Portugal	327	577	950	1,939	3,593	4,640	4,148	4,165	4,575	5,179
Spain	725	935	2,388	7,691	18,208	20,720	20,333	20,498	19,734	23,561
Sweden	2,565	3,971	6,795	17,384	27,602	30,906	28,658	26,808	27,446	29,379
Switzerland	1,859	2,941	5,063	12,953	26,538	29,632	27,049	26,019	25,591	25,849
Turkey	321	464	588	1,401	2,261	2,910	4,703	5,746	5,728	7,134
European Community	42,487	65,158	113,634	300,642	577,239	665,848	612,449	590,025	574,401	NA
Belgium-Luxembourg	3,792	6,394	11,600	28,802	56,700	64,656	55,694	52,354	51,937	NA
Denmark	1,494	2,320	3,356	8,712	14,696	16,982	16,095	15,382	16,042	15,966
France	6,867	10,176	18,098	53,118	100,691	116,030	106,424	96,694	94,943	97,566
Greece	203	328	643	2,278	3,885	5,153	4,246	4,298	4,413	4,811
Ireland	426	619	1,120	3,193	7,132	8,398	7,677	8,067	8,599	9,641
Italy	3,653	7,200	13,207	34,816	72,232	77,673	75,264	73,497	72,702	73,314
Netherlands	4,028	6,398	11,774	35,024	63,702	73,940	68,715	66,281	64,683	65,677
United Kingdom	10,609	13,810	19,608	44,523	86,397	110,155	102,244	97,017	91,641	93,772
West Germany	11,415	17,913	34,228	90,176	171,804	192,861	176,090	176,435	169,441	171,728
OPEC	7,390	10,299	16,835	113,449	211,511	295,729	272,780	NA	NA	NA
Algeria	394	637	1,009	4,691	9,481	13,660	14,134	NA	NA	NA
Ecuador	146	164	221	987	2,104	2,481	2,542	2,140	2,223	2,583
Gabon	47	105	143	943	1,848	2,173	2,200	2,160	1,975	NA
Indonesia	841	708	1,108	7,102	15,590	21,909	22,260	22,293	21,145	21,903
Iran	844	1,305	2,624	20,211	19,976	14,106	12,597	19,430	20,211	13,220
Iraq	467	710	847	8,297	21,431	26,278	10,530	10,250	9,785	NA
Kuwait	962	1,284	1,693	9,185	18,404	19,842	16,299	10,864	11,504	10,749
Libya	11	796	2,366	6,840	16,085	21,919	15,576	13,954	11,397	11,136
Nigeria	475	741	1,240	7,776	17,793	25,968	17,863	13,696	11,553	14,560

Table 49 (continued)
Exports by Selected Non-Communist Countries ^a

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
OPEC (continued)										
Qatar	126	163	237	1,809	3,733	5,672	5,691	4,252	3,338	4,513
Saudi Arabia	772	1,258	2,204	29,838	57,154	102,259	113,406	76,247	47,814	46,845
United Arab Emirates	NA	NA	510	6,970	13,595	20,678	20,234	17,261	15,011	14,104
Venezuela	2,305	2,428	2,633	8,800	14,317	19,221	20,125	16,499	15,162	13,417
Other countries										
Argentina	1,079	1,493	1,773	2,961	7,810	8,021	9,143	7,625	7,836	NA
Brazil	1,268	1,596	2,739	8,670	15,244	20,132	23,293	20,175	21,899	27,005
Chile	488	637	1,249	1,552	3,894	4,671	3,906	3,710	3,836	3,657
China (Taiwan)	164	450	1,428	5,301	16,070	19,774	22,611	22,204	25,123	30,456
Colombia	465	539	736	1,465	3,300	3,945	2,956	3,095	3,081	3,462
Dominican Republic	180	126	249	894	869	962	1,188	768	782	866
Egypt	568	605	762	1,402	1,840	3,047	3,233	3,120	3,214	NA
El Salvador	117	189	236	531	1,131	1,074	797	699	735	NA
Guatemala	116	187	298	641	1,270	1,557	1,254	1,167	1,189	NA
Hong Kong	689	1,143	2,515	6,010	15,147	19,730	21,808	20,984	21,954	28,317
India	1,332	1,687	2,026	4,355	7,806	8,586	8,295	9,358	8,648	NA
Israel	217	430	779	1,941	4,546	5,538	5,670	5,255	5,108	5,804
Jamaica	159	214	342	835	818	963	974	726	713	714
Lebanon	43	87	192	1,121	773	868	836	727	691	NA
Malaysia	1,186	1,236	1,686	3,831	11,079	12,945	11,770	12,030	14,104	16,562
Mexico	765	1,120	1,403	2,904	8,982	15,570	19,646	21,214	21,819	24,407
Morocco	354	430	488	1,543	1,959	2,441	2,386	2,062	2,006	2,171
Pakistan	394	528	398	1,052	2,056	2,618	2,883	2,397	3,077	2,558
Peru	444	685	1,034	1,292	3,491	3,898	3,255	3,293	3,015	3,147
Philippines	624	698	1,041	2,295	4,567	5,741	5,655	4,968	4,890	5,274
Singapore	1,136	981	1,554	5,376	14,233	19,375	20,967	20,788	21,833	24,070
South Africa ^b	1,995	2,585	3,355	8,959	18,394	25,680	20,859	17,727	18,608	17,348
South Korea	33	175	835	5,081	15,055	17,505	21,254	21,853	24,445	29,244
Sri Lanka	385	409	342	566	981	1,062	1,088	1,031	1,063	1,467
Syria	113	169	203	930	1,644	2,108	2,103	2,026	1,910	NA
Thailand	411	622	710	2,208	5,298	6,505	7,031	6,945	6,368	7,414

^a Data are from the International Monetary Fund, *International Financial Statistics*. Exports are f.o.b.

^b Including data for Botswana, Lesotho, Swaziland, and Namibia.

Table 50**Imports by Selected Non-Communist Countries ^a***Million US \$*

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
OECD	87,235	134,021	231,701	603,545	1,164,503	1,397,200	1,326,188	1,248,031	1,227,226	NA
United States	16,381	23,233	42,695	105,880	222,228	256,984	273,352	254,884	269,878	341,179
Australia	2,662	3,763	5,056	11,097	18,231	22,399	26,215	26,667	21,461	26,468
Austria	1,416	2,101	3,549	9,394	20,252	24,444	21,043	19,502	19,367	19,629
Canada	6,161	8,682	14,255	36,218	56,957	62,838	70,342	58,360	65,077	78,506
Japan	4,491	8,168	18,881	57,842	109,831	141,296	142,866	131,499	126,437	136,176
New Zealand	786	1,052	1,245	3,152	4,553	5,472	5,734	5,782	5,333	6,203
Norway	1,463	2,211	3,702	9,705	13,706	16,926	15,650	15,477	13,497	13,886
Portugal	545	924	1,583	3,841	6,776	9,309	9,800	9,514	8,131	7,790
Spain	722	3,040	4,747	16,264	25,438	34,078	32,150	31,465	29,193	28,831
Sweden	2,901	4,377	7,007	17,450	28,735	33,438	28,840	27,585	26,098	26,370
Switzerland	2,206	3,642	6,374	13,303	29,356	36,341	30,682	28,678	29,192	29,521
Turkey	468	572	948	4,739	5,069	7,909	8,933	8,843	9,232	10,735
European Community	45,862	70,473	118,866	306,550	611,147	729,130	645,353	615,431	591,582	NA
Belgium-Luxembourg	3,970	6,502	11,412	30,781	60,913	71,864	62,450	58,227	55,313	NA
Denmark	1,805	2,823	4,407	10,368	18,402	19,428	17,575	16,691	16,257	16,614
France	6,282	10,384	19,132	53,964	107,008	134,889	120,953	115,714	105,416	103,739
Greece	702	1,134	1,958	5,321	9,614	10,548	8,810	10,026	9,500	19,435
Ireland	634	1,041	1,624	3,778	9,883	11,153	10,608	9,706	9,170	9,678
Italy	4,732	7,378	14,969	38,535	77,893	99,662	91,102	86,218	80,362	84,225
Netherlands	4,531	7,471	13,426	35,532	68,188	78,039	67,231	63,766	61,652	62,295
United Kingdom	13,034	16,128	21,991	53,341	99,600	115,545	102,710	99,713	100,071	104,866
West Germany	10,172	17,612	29,947	74,930	159,646	188,002	163,914	155,370	152,941	153,007
OPEC	5,403	6,359	9,916	52,040	98,751	133,045	156,485	166,229	NA	NA
Algeria	1,264	672	1,257	6,008	8,403	10,826	11,269	10,754	10,393	10,286
Ecuador	114	165	274	987	1,600	2,253	2,246	1,989	1,465	1,716
Gabon	32	63	80	445	532	674	841	723	853	NA
Indonesia	574	695	1,002	4,770	7,202	10,834	13,272	16,859	16,352	13,882
Iran	560	859	1,662	10,343	9,738	12,246	12,499	14,164	18,169	NA
Iraq	389	457	510	4,214	7,230	14,067	20,922	21,728	12,275	NA
Kuwait	242	377	625	2,390	5,200	6,529	6,978	8,282	7,320	NA
Libya	169	320	555	3,542	5,311	6,777	8,015	7,174	7,392	NA
Nigeria	604	770	1,059	6,041	10,231	16,469	20,554	18,658	13,422	NA
Qatar	32	70	65	413	1,425	1,440	1,526	1,951	1,456	NA

Table 50 (continued)
Imports by Selected Non-Communist Countries ^a *Million US \$*

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
OPEC (continued)										
Saudi Arabia	234	506	711	4,214	24,257	30,166	35,268	40,653	39,198	NA
United Arab Emirates	NA	NA	267	2,669	6,952	8,746	9,646	9,440	8,356	NA
Venezuela	1,189	1,405	1,849	6,004	10,670	11,844	13,112	12,954	8,715	7,373
Other countries										
Argentina	1,249	1,199	1,694	3,947	6,700	10,541	9,430	5,337	4,504	NA
Brazil	1,462	1,096	2,849	13,592	19,804	24,961	24,079	21,069	16,801	15,210
Chile	526	604	941	1,338	4,218	5,124	6,364	3,528	2,969	3,191
China (Taiwan)	297	558	1,528	5,960	14,509	19,498	21,200	18,888	20,287	21,959
Colombia	519	454	843	1,495	3,233	4,663	5,199	5,478	4,968	4,498
Dominican Republic	100	97	304	889	1,213	1,640	1,668	1,444	1,462	NA
Egypt	668	934	787	3,934	3,837	4,860	8,782	9,078	10,275	NA
El Salvador	122	201	213	598	1,039	962	985	857	891	NA
Guatemala	121	229	284	733	1,504	1,598	1,674	1,388	1,126	1,277
Hong Kong	1,026	1,569	2,905	6,757	17,137	22,409	24,765	23,553	24,013	28,567
India	2,303	2,838	2,124	6,381	9,827	14,864	15,418	14,786	13,619	NA
Israel	556	829	2,117	6,099	8,668	9,705	10,212	9,644	9,633	9,889
Jamaica	217	289	525	1,124	993	1,171	1,473	1,372	1,480	1,130
Lebanon	290	543	653	2,048	2,700	3,650	3,499	3,391	3,661	NA
Malaysia	910	1,097	1,418	3,554	7,849	10,779	11,550	12,418	13,238	14,060
Mexico	1,187	1,560	2,461	6,571	12,086	19,460	24,068	15,128	8,023	11,267
Morocco	413	453	684	2,567	3,678	4,255	4,400	4,315	3,592	3,911
Pakistan	654	1,047	731	2,158	4,056	5,350	5,631	5,465	5,329	5,853
Peru	379	730	622	2,551	1,820	2,500	3,447	3,601	2,548	2,212
Philippines	715	894	1,236	3,756	6,571	8,295	8,479	8,263	7,976	6,432
Singapore	1,332	1,224	2,461	8,133	17,635	24,003	27,572	28,167	28,158	28,663
South Africa ^b	1,629	2,563	3,843	8,293	8,987	19,246	22,619	18,575	15,704	16,234
South Korea	344	463	1,984	7,274	20,339	22,292	26,131	24,251	26,192	30,634
Sri Lanka	413	310	386	753	1,451	2,057	1,905	2,015	1,935	1,869
Syria	239	213	361	1,685	3,329	4,118	5,040	4,014	4,542	NA
Thailand	447	742	1,299	3,280	7,158	9,214	9,955	8,549	10,287	10,398

^a Data are from the International Monetary Fund, *International Financial Statistics*. Imports are c.i.f.

^b Including data for Botswana, Lesotho, Swaziland, and Namibia.

Table 51
Trade Balance of Selected Non-Communist Countries

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
OECD	-2,512	-6,933	-9,216	-28,952	-102,079	-145,023	-94,531	-78,307	-73,021	NA
United States	4,220	4,297	546	2,232	-40,203	-36,198	-39,613	-42,608	-69,340	-123,289
Australia	-612	-758	-285	846	436	-368	-4,448	-4,680	-822	-2,694
Austria	-296	-501	-692	-1,875	-4,771	-6,955	-5,202	-3,860	-3,939	-3,890
Canada	-348	-233	2,492	-2,138	1,340	4,896	2,384	12,874	11,384	11,785
Japan	-436	284	437	-2,113	-7,532	-10,855	8,629	6,886	20,528	33,524
New Zealand	61	-45	-22	-992	-153	-51	-112	-211	81	-685
Norway	-582	-768	-1,245	-2,473	-160	1,616	2,567	2,116	4,500	5,090
Portugal	-218	-347	-633	-1,902	-3,183	-4,669	-5,652	-5,349	-3,556	-2,611
Spain	3	-2,105	-2,359	-8,573	-7,230	-13,358	-11,817	-10,967	-9,459	-5,270
Sweden	-336	-406	-212	-66	-1,133	-2,532	-182	-777	1,348	3,009
Switzerland	-347	-701	-1,311	-350	-2,818	-6,709	-3,633	-2,659	-3,601	-3,601
Turkey	-147	-108	-360	-3,338	-2,808	-4,999	-4,230	-3,097	-3,504	NA
European Community	-3,375	-5,315	-5,232	-5,908	-33,908	-63,282	-32,904	-25,406	-17,181	NA
Belgium-Luxembourg	-178	-108	188	-1,979	-4,213	-7,208	-6,756	-5,873	-3,376	NA
Denmark	-311	-503	-1,051	-1,656	-3,706	-2,446	-1,480	-1,309	-215	-648
France	585	-208	-1,034	-846	-6,317	-18,859	-14,529	-19,020	-10,473	-6,173
Greece	-499	-806	-1,315	-3,043	-5,729	-5,395	-4,564	-5,728	-5,087	-4,624
Ireland	-208	-422	-504	-585	-2,751	-2,755	-2,931	-1,639	-571	-37
Italy	-1,079	-178	-1,762	-3,719	-5,661	-21,989	-15,838	-12,721	-7,660	-10,911
Netherlands	-503	-1,073	-1,652	-508	-4,486	-4,099	1,484	2,515	3,031	3,382
United Kingdom	-2,425	-2,318	-2,383	-8,818	-13,203	-5,390	-466	-2,696	-8,430	-11,094
West Germany	1,243	301	4,281	15,246	12,158	4,859	12,176	21,065	16,500	18,721
OPEC	2,031	4,194	7,510	61,409	112,760	162,684	116,295	NA	NA	NA
Algeria	-870	-35	-248	-1,317	1,078	2,834	2,865	NA	NA	NA
Ecuador	32	-1	-53	0	504	228	296	151	758	867
Gabon	15	42	63	498	1,316	1,499	1,359	1,437	1,122	NA
Indonesia	267	13	106	2,332	8,388	11,075	8,988	5,434	4,793	8,021
Iran	284	446	962	9,868	10,238	1,860	98	5,266	2,042	NA
Iraq	78	253	337	4,083	14,201	12,211	-10,392	-11,478	-2,490	NA
Kuwait	720	907	1,068	6,795	13,204	13,313	9,321	2,582	4,184	NA
Libya	-158	476	1,811	3,298	10,774	15,142	7,561	6,780	4,005	NA
Nigeria	-129	-29	181	1,735	7,562	9,499	-2,691	-4,962	-1,869	NA
Qatar	94	93	172	1,396	2,308	4,232	4,165	2,301	1,882	NA

Table 51 (continued)
Trade Balance by Selected Non-Communist Countries

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
OPEC (continued)										
Saudi Arabia	538	752	1,493	25,624	32,897	72,093	78,138	35,594	8,616	NA
United Arab Emirates	NA	NA	243	4,301	6,643	11,932	10,588	7,821	6,655	NA
Venezuela	1,116	1,023	784	2,796	3,647	7,377	7,013	3,545	6,447	6,044
Other countries										
Argentina	-170	294	79	-986	1,110	-2,520	-287	2,288	3,332	NA
Brazil	-194	500	-110	-4,922	-4,560	-4,829	-786	-894	5,098	11,795
Chile	-38	33	308	214	-324	-453	-2,458	182	867	466
China (Taiwan)	-133	-108	-100	-659	1,561	276	1,411	3,316	4,836	8,497
Colombia	-54	85	-107	-30	67	-718	-2,243	-2,383	-1,887	-1,036
Dominican Republic	80	29	-55	5	-344	-678	-480	-676	-680	NA
Egypt	-100	-329	-25	-2,532	-1,997	-1,813	-5,549	-5,958	-7,061	NA
El Salvador	-5	-12	-23	-67	92	112	-188	-158	-156	NA
Guatemala	-5	-42	14	-92	-234	-41	-420	-221	63	NA
Hong Kong	-337	-426	-390	-747	-1,990	-2,679	-2,957	-2,569	-2,059	-250
India	-971	-1,151	-98	-2,026	-2,021	-6,278	-7,123	-5,428	-4,971	NA
Israel	-339	-399	-1,338	-4,158	-4,122	-4,167	-4,542	-4,389	-4,525	-4,085
Jamaica	-58	-75	-183	-289	-175	-208	-499	-646	-767	-416
Lebanon	-247	-456	-461	-927	-1,927	-2,782	-2,663	-2,664	-2,970	NA
Malaysia	276	139	268	277	3,230	2,166	220	-388	866	2,502
Mexico	-422	-440	-1,058	-3,667	-3,104	-3,890	-4,422	6,086	13,796	13,140
Morocco	-59	-23	-196	-1,024	-1,719	-1,814	-2,014	-2,253	-1,586	-1,740
Pakistan	-260	-519	-333	-1,106	-2,000	-2,732	-2,748	-3,068	-2,252	-3,295
Peru	65	-45	412	-1,259	1,671	1,398	-192	-308	467	935
Philippines	-91	-196	-195	-1,461	-2,004	-2,554	-2,824	-3,295	-3,086	-1,158
Singapore	-196	-243	-907	-2,757	-3,402	-4,628	-6,605	-7,379	-6,325	-4,593
South Africa *	366	22	-488	666	9,407	6,434	-1,760	-849	2,904	1,114
South Korea	-311	-288	-1,149	-2,193	-5,284	-4,787	-4,877	-2,398	-1,747	-1,390
Sri Lanka	-28	99	-44	-187	-470	-995	-817	-984	-872	-402
Syria	-126	-44	-158	-755	-1,685	-2,010	-2,937	-1,988	-2,632	NA
Thailand	-36	-120	-589	-1,072	-1,860	-2,709	-2,924	-1,604	-3,919	-2,984

* Including data for Botswana, Lesotho, Namibia, and Swaziland.

Table 52
Big Seven: Direction of Trade ^a

Million US \$

	Exports to (f.o.b.)						Imports from (c.i.f.)					
	World	Big Seven	Other OECD	OPEC	Com-munist	Other	World	Big Seven	Other OECD	OPEC	Com-munist	Other
United States												
1978	141,423	62,872	21,264	16,655	4,535	36,096	180,351	87,466	14,651	35,579	1,984	40,672
1979	178,735	79,769	28,780	15,110	7,418	47,659	215,903	97,799	16,643	48,227	2,684	50,549
1980	216,445	92,836	34,893	17,763	7,648	63,304	249,592	107,737	19,386	58,091	2,735	61,643
1981	229,434	96,803	35,465	21,533	7,963	67,669	264,720	123,652	20,498	51,793	3,766	65,011
1982	207,907	86,349	33,274	22,862	6,558	58,864	245,295	124,238	20,302	32,731	3,671	64,352
1983	195,869	89,365	30,752	16,905	5,088	53,758	257,769	134,361	20,983	26,493	3,956	71,976
1984	212,886	101,804	31,282	14,385	7,216	58,197	325,082	177,157	28,245	28,061	5,738	85,880
Japan												
1978	94,721	34,903	10,432	14,244	6,928	28,213	78,136	22,958	9,287	24,671	4,004	17,217
1979	97,952	37,548	10,167	13,272	7,479	29,485	107,377	30,676	10,761	36,049	5,484	24,407
1980	125,249	46,940	13,197	18,597	9,489	37,026	138,976	36,035	11,566	56,753	6,902	27,719
1981	146,101	56,115	15,560	22,824	9,770	41,833	140,358	36,891	12,608	54,866	7,872	28,120
1982	134,189	52,370	14,189	21,774	8,525	37,331	129,128	34,970	11,512	48,470	7,516	26,660
1983	141,882	60,716	14,728	19,077	9,059	38,302	123,900	35,860	11,995	42,202	7,103	26,741
1984	163,762	78,952	16,109	15,839	10,834	42,028	132,946	39,031	14,003	41,371	8,038	30,502
West Germany												
1978	142,265	48,522	56,947	12,254	8,887	15,654	121,145	45,043	46,300	9,683	6,329	13,791
1979	171,543	61,682	69,829	10,486	10,402	19,143	158,955	58,748	58,954	14,787	8,819	17,645
1980	192,278	69,998	77,540	12,545	10,785	21,410	186,807	69,543	67,176	20,590	9,623	19,875
1981	175,540	63,416	66,924	15,398	8,777	21,025	162,828	62,056	58,711	16,645	8,565	16,850
1982	175,885	65,868	66,878	15,693	8,519	18,927	154,442	58,976	56,653	13,514	8,837	16,461
1983	168,894	64,536	65,152	12,403	8,912	17,890	151,935	58,444	58,375	10,687	8,723	15,707
1984	171,083	69,475	65,348	9,844	8,271	18,145	151,953	58,737	57,656	9,660	9,282	16,616
France												
1978	79,163	32,747	21,705	6,501	3,290	14,920	81,611	36,564	22,129	11,887	2,807	8,224
1979	100,381	42,012	28,062	7,606	4,528	18,173	106,708	47,009	28,434	16,653	3,712	10,900
1980	115,679	46,227	31,694	9,831	5,284	22,643	134,469	56,336	33,760	25,133	5,813	13,426
1981	106,103	41,199	27,317	10,895	4,521	22,172	120,543	50,165	29,731	22,332	5,527	12,789
1982	96,220	37,902	25,255	10,221	3,306	19,535	115,326	50,554	29,113	18,397	4,848	12,414

Table 52 (continued)
Big Seven: Direction of Trade ^a

Million US \$

	Exports to (<i>f.o.b.</i>)						Imports from (<i>c.i.f.</i>)					
	World	Big Seven	Other OECD	OPEC	Com-munist	Other	World	Big Seven	Other OECD	OPEC	Com-munist	Other
France (continued)												
1983	94,561	38,638	24,717	8,714	3,998	18,495	105,060	47,398	28,040	13,366	4,554	11,703
1984	97,235	40,841	25,554	9,078	3,438	18,322	103,351	47,006	28,173	11,957	4,313	11,901
United Kingdom												
1978	67,683	20,139	24,973	8,437	2,111	12,023	75,543	30,586	26,158	6,377	2,555	9,867
1979	86,148	29,889	32,308	6,981	2,610	14,360	99,141	42,247	35,209	6,723	2,582	12,380
1980	109,855	38,296	40,134	10,330	3,146	17,923	115,190	48,795	39,230	9,898	2,547	14,717
1981	102,019	37,351	35,201	11,079	2,367	16,007	101,994	44,196	36,286	7,237	2,058	12,211
1982	96,716	36,571	33,359	10,189	1,813	14,762	98,980	44,133	35,202	5,715	2,326	11,594
1983	91,435	36,460	31,973	7,986	1,758	13,242	99,338	46,022	35,816	3,974	2,343	11,181
1984	93,669	39,599	32,268	6,722	2,259	12,791	103,943	47,517	38,164	3,335	2,717	12,209
Italy												
1978	55,967	27,012	12,260	7,028	2,737	6,930	56,327	25,348	10,701	10,004	3,200	7,074
1979	72,100	35,032	16,723	7,767	3,062	9,516	77,652	34,376	14,979	13,597	4,365	10,335
1980	77,540	36,082	17,382	9,815	3,115	11,146	99,125	44,002	18,496	17,667	5,866	13,094
1981	75,130	32,666	15,116	12,804	2,902	11,642	90,819	37,480	16,241	19,491	5,190	12,416
1982	73,357	33,796	15,330	10,670	2,745	10,815	85,961	35,721	16,240	17,357	5,703	10,938
1983	72,578	34,370	15,428	9,883	3,063	9,834	80,138	32,420	16,561	14,856	5,738	10,563
1984	73,123	36,651	15,259	8,617	3,017	9,579	83,950	34,543	18,396	13,344	6,563	11,103
Canada												
1978	48,339	38,602	2,059	1,333	1,425	4,920	49,158	40,067	1,972	2,913	373	3,833
1979	58,207	45,700	3,034	1,382	1,732	6,359	60,347	49,079	2,368	3,252	537	5,110
1980	67,515	50,631	4,332	1,813	2,838	7,900	66,581	52,443	2,671	4,902	549	6,014
1981	72,530	55,456	3,903	2,044	2,969	8,157	74,121	58,376	2,855	5,180	666	7,043
1982	70,984	54,644	3,426	2,113	3,288	7,513	61,798	49,874	2,437	2,753	460	6,274
1983	76,468	61,700	2,906	1,564	3,269	7,028	68,656	57,000	2,689	1,877	457	6,663
1984	90,054	74,638	3,178	1,531	3,087	7,619	82,728	68,966	3,166	1,869	566	8,161

^a Data are from the International Monetary Fund, *Direction of Trade*. Country totals in this table do not agree with totals in Tables 49 and 50 because of different practices of reporting data in the *International Financial Statistics* and the *Direction of Trade*.

Table 53
Big Seven: Exports, by Commodity

Million US \$

	1970	1975	1979	1980	1981	1982	1983	1984
Big Seven	163,218	415,790	766,986	904,097	904,611	854,284	842,348	903,690
Foodstuffs	15,946	44,765	75,996	90,033	93,414	83,686	81,808	82,971
Raw materials	13,319	24,164	45,798	58,043	46,873	40,281	42,497	46,070
Fuels	5,274	18,085	36,399	48,554	56,085	57,430	52,956	54,027
Manufactures	124,555	318,916	589,682	683,801	689,529	653,577	645,043	698,972
Other	4,124	9,862	19,115	23,671	18,717	19,316	20,050	21,650
United States	43,226	107,652	176,788	216,916	230,506	210,929	191,144	216,008
Foodstuffs	6,919	21,105	33,259	39,392	42,262	35,711	35,043	35,771
Raw materials	4,114	7,538	15,310	20,063	15,135	13,338	13,276	14,923
Fuels	1,695	4,481	5,687	8,134	10,294	12,777	9,703	9,468
Manufactures	28,762	70,961	117,406	143,411	156,537	142,200	134,508	146,800
Other	1,736	3,568	5,127	5,917	6,279	6,903	6,614	9,046
Canada	16,185	32,300	55,117	63,105	68,281	66,977	72,420	84,938
Foodstuffs	1,975	4,399	6,287	7,773	8,775	8,987	9,150	9,308
Raw materials	4,850	7,450	13,224	15,519	14,300	12,167	13,116	14,623
Fuels	978	5,334	7,281	9,010	9,451	9,601	10,017	11,079
Manufactures	8,262	14,842	28,040	30,487	35,032	35,839	39,739	49,191
Other	119	276	286	316	723	382	399	737
Japan	19,319	55,728	102,964	129,544	151,911	138,584	146,804	170,038
Foodstuffs	674	808	1,323	1,704	1,837	1,492	1,509	1,589
Raw materials	433	1,262	1,520	2,218	1,731	1,442	1,768	1,513
Fuels	48	220	356	504	554	411	432	505
Manufactures	17,965	52,638	98,651	123,707	146,424	133,879	141,572	164,711
Other	200	800	1,114	1,411	1,365	1,361	1,523	1,720

Table 53 (continued)
Big Seven: Exports, by Commodity*Million US \$*

	1970	1975	1979	1980	1981	1982	1983	1984
West Germany	34,189	90,021	171,437	191,647	175,284	175,456	168,748	171,730
Foodstuffs	1,188	4,241	8,598	10,146	10,227	9,814	9,236	9,415
Raw materials	1,192	2,643	5,246	6,512	5,007	4,391	4,708	4,837
Fuels	1,011	2,813	5,685	7,143	6,973	6,473	5,626	5,671
Manufactures	30,232	78,706	148,695	162,431	147,556	149,326	142,952	146,999
Other	565	1,618	3,213	5,415	5,523	5,453	6,227	4,806
France	17,739	51,604	97,959	110,865	101,246	92,358	91,144	93,281
Foodstuffs	2,803	8,069	14,538	17,796	17,216	15,239	15,415	15,340
Raw materials	1,199	2,628	4,920	5,853	4,649	3,869	4,045	4,591
Fuels	376	1,410	3,490	4,485	4,724	3,661	3,461	3,422
Manufactures	13,147	39,052	74,576	82,102	74,134	69,087	67,654	69,520
Other	214	445	434	630	525	503	570	408
United Kingdom	19,351	43,660	90,485	114,381	102,136	96,542	91,419	94,337
Foodstuffs	1,259	3,221	6,400	7,774	7,500	6,989	6,554	6,486
Raw materials	1,190	1,961	4,296	6,417	4,387	3,855	4,196	4,099
Fuels	496	1,798	9,145	14,882	19,364	19,517	19,824	20,559
Manufactures	15,151	33,682	62,474	76,015	66,663	61,865	56,474	58,846
Other	1,253	2,998	8,171	9,293	4,223	4,318	4,372	4,348
Italy	13,210	34,825	72,237	77,640	75,246	73,438	72,670	73,358
Foodstuffs	1,127	2,921	5,592	5,448	5,597	5,454	4,901	5,062
Raw materials	341	682	1,282	1,462	1,664	1,220	1,389	1,484
Fuels	669	2,030	4,754	4,395	4,725	4,991	3,893	3,323
Manufactures	11,036	29,035	59,839	65,646	63,181	61,379	62,142	62,905
Other	37	157	770	689	80	395	346	585

Table 54
Big Seven: Imports, by Commodity

Million US \$

	1970	1975	1979	1980	1981	1982	1983	1984
Big Seven	157,592	408,071	823,350	984,149	950,059	889,979	888,310	989,383
Foodstuffs	27,228	60,387	101,174	106,733	101,677	97,838	97,298	101,655
Raw materials	27,828	45,582	87,011	100,854	82,893	72,611	75,181	81,263
Fuels	17,018	101,364	198,331	280,218	284,271	245,788	216,450	220,925
Manufactures	81,261	190,483	416,861	471,370	462,470	454,534	478,836	561,701
Other	4,260	10,255	19,984	24,985	18,759	19,217	20,553	23,845
United States	39,962	96,941	217,455	250,280	271,213	253,033	267,971	338,189
Foodstuffs	6,446	10,518	19,955	20,572	20,910	19,902	21,024	24,254
Raw materials	4,687	8,116	16,253	17,503	17,257	13,055	16,043	17,592
Fuels	3,081	26,403	63,735	82,204	84,261	67,424	59,999	63,074
Manufactures	23,988	48,526	111,907	123,081	140,986	144,630	162,244	222,765
Other	1,761	3,377	5,608	6,921	7,800	8,024	8,662	10,505
Canada	13,348	33,954	52,622	57,707	64,897	54,259	60,477	73,230
Foodstuffs	1,153	2,817	3,837	4,301	4,554	4,186	4,228	4,761
Raw materials	727	1,578	2,701	3,635	3,384	2,610	3,024	3,219
Fuels	749	4,090	4,884	7,143	7,953	5,473	4,171	4,702
Manufactures	10,518	25,071	40,422	41,638	47,866	40,920	47,954	59,023
Other	202	397	778	990	1,140	1,071	1,100	1,526
Japan	18,883	57,840	110,108	139,892	140,830	130,319	125,017	134,257
Foodstuffs	3,195	10,344	16,611	16,849	18,247	16,576	17,117	18,609
Raw materials	7,188	11,421	23,509	26,120	22,073	21,039	20,331	21,933
Fuels	3,906	25,641	45,286	69,991	72,563	65,618	58,925	60,337
Manufactures	4,381	9,849	22,783	25,204	26,091	25,409	26,834	31,387
Other	213	584	1,922	1,729	1,859	1,678	1,813	1,993

Table 54 (continued)
Big Seven: Imports, by Commodity

Million US \$

	1970	1975	1979	1980	1981	1982	1983	1984
West Germany	29,814	74,208	157,682	185,922	162,691	154,049	152,011	153,009
Foodstuffs	5,524	12,092	20,864	22,749	20,343	19,576	18,924	18,596
Raw materials	5,109	8,095	14,823	17,798	13,378	12,263	12,442	13,351
Fuels	2,627	13,099	30,957	41,904	39,802	36,427	32,404	31,210
Manufactures	15,608	38,760	87,197	98,269	85,458	81,763	84,257	85,112
Other	947	2,163	3,843	5,204	3,713	4,022	3,986	4,739
France	18,922	53,606	106,711	134,328	120,279	115,454	105,272	103,387
Foodstuffs	2,798	6,921	12,765	13,815	12,406	12,231	11,938	11,694
Raw materials	2,675	5,050	8,962	10,737	8,503	7,310	6,890	7,526
Fuels	2,291	12,260	22,949	35,726	34,671	30,827	25,751	24,818
Manufactures	11,103	29,210	61,380	72,869	64,083	64,711	60,369	58,931
Other	55	165	657	1,184	617	376	325	418
United Kingdom	21,724	53,595	102,613	117,902	101,153	99,032	99,240	105,340
Foodstuffs	5,267	10,345	15,092	15,564	14,265	13,699	12,777	13,023
Raw materials	4,342	6,048	9,633	12,437	8,904	7,710	8,486	8,024
Fuels	2,270	9,613	12,174	15,912	14,280	12,868	10,657	13,608
Manufactures	8,804	24,180	58,894	65,474	60,278	61,364	63,719	67,227
Other	1,042	3,409	6,822	8,517	3,427	3,392	3,602	3,459
Italy	14,939	37,928	76,158	98,119	88,996	83,834	78,322	81,971
Foodstuffs	2,846	7,350	12,050	12,883	10,952	11,669	11,289	10,718
Raw materials	3,100	5,274	11,130	12,624	9,394	8,625	7,964	9,618
Fuels	2,095	10,258	18,346	27,338	30,741	27,150	24,544	23,176
Manufactures	6,859	14,888	34,278	44,836	37,708	35,737	33,462	37,256
Other	40	159	354	439	203	654	1,065	1,205

Table 55
Big Seven: Trade Balance, by Commodity

Million US \$

	1970	1975	1979	1980	1981	1982	1983	1984
Big Seven	5,626	7,719	-56,364	-80,053	-45,448	-35,695	-45,962	-85,695
Foodstuffs	-11,282	-15,622	-25,178	-16,700	-8,263	-14,152	-15,490	-16,684
Raw materials	-14,508	-21,418	-41,212	-42,811	-36,020	-32,330	-32,683	-35,193
Fuels	-11,744	-83,279	-161,932	-231,664	-228,186	-188,358	-163,494	-166,898
Manufactures	43,294	128,433	172,821	212,431	227,059	-199,043	166,204	137,270
Other	-136	-393	-869	-1,314	-42	99	-502	-2,194
United States	3,264	10,711	-40,667	-33,364	-40,706	-42,104	-68,827	-122,182
Foodstuffs	473	10,587	13,304	18,820	21,352	15,809	14,019	11,517
Raw materials	-573	-578	-943	2,560	-2,122	283	-2,767	-2,669
Fuels	-1,386	-21,923	-58,048	-74,070	-73,966	-54,647	-50,296	-53,606
Manufactures	4,774	22,435	5,499	20,330	15,551	-2,430	-27,736	-75,964
Other	-24	191	-481	-1,004	-1,521	-1,121	-2,048	-1,458
Canada	2,836	-1,654	2,495	5,398	3,384	12,718	11,943	11,708
Foodstuffs	823	1,582	2,450	3,472	4,221	4,801	4,922	4,547
Raw materials	4,123	5,872	10,523	11,884	10,916	9,557	10,091	11,404
Fuels	229	1,243	2,396	1,867	1,498	4,128	5,846	6,377
Manufactures	-2,255	-10,229	-12,382	-11,151	-12,833	-5,081	-8,215	-9,832
Other	-83	-121	-492	-675	-417	-689	-701	-789
Japan	437	-2,112	-7,144	-10,349	11,080	8,266	21,787	35,780
Foodstuffs	-2,521	-9,536	-15,288	-15,145	-16,410	-15,084	-15,607	-17,020
Raw materials	-6,755	-10,158	-21,988	-23,902	-20,342	-19,597	-18,563	-20,420
Fuels	-3,858	-25,422	-44,930	-69,488	-72,009	-65,207	-58,492	-59,832
Manufactures	13,584	42,788	75,869	98,502	120,333	108,470	114,738	133,323
Other	-13	216	-808	-319	-494	-317	-290	-273

Table 55 (continued)*Million US \$***Big Seven: Trade Balance, by Commodity**

	1970	1975	1979	1980	1981	1982	1983	1984
West Germany	4,375	15,814	13,755	5,725	12,593	21,407	16,737	18,721
Foodstuffs	-4,335	-7,850	-12,266	-12,603	-10,116	-9,762	-9,689	-9,181
Raw materials	-3,917	-5,452	-9,577	-11,286	-8,371	-7,872	-7,733	-8,514
Fuels	-1,616	-10,286	-25,272	-34,761	-32,829	-29,954	-26,778	-25,539
Manufactures	14,624	39,946	61,498	64,162	62,098	67,563	58,695	61,887
Other	-382	-545	-630	211	1,810	1,431	2,241	67
France	-1,184	-2,002	-8,752	-23,463	-19,032	-23,096	-14,127	-10,106
Foodstuffs	5	1,148	1,773	3,981	4,810	3,008	3,477	3,646
Raw materials	-1,476	-2,422	-4,041	-4,884	-3,855	-3,441	-2,845	-2,935
Fuels	-1,915	-10,850	-19,458	-31,241	-29,947	-27,166	-22,289	-21,396
Manufactures	2,044	9,842	13,196	9,234	10,051	4,376	7,284	10,588
Other	158	280	-223	-554	-93	127	245	-10
United Kingdom	-2,373	-9,935	-12,128	-3,522	983	-2,490	-7,821	-11,003
Foodstuffs	-4,007	-7,124	-8,692	-7,790	-6,765	-6,710	-6,223	-6,537
Raw materials	-3,151	-4,087	-5,337	-6,019	-4,517	-3,855	-4,290	-3,925
Fuels	-1,773	-7,815	-3,029	-1,030	5,084	6,649	9,166	6,951
Manufactures	6,348	9,502	3,580	10,541	6,385	501	-7,244	-8,381
Other	211	-412	1,349	776	796	926	770	889
Italy	-1,729	-3,103	-3,921	-20,478	-13,750	-10,396	-5,653	-8,613
Foodstuffs	-1,719	-4,428	-6,459	-7,435	-5,355	-6,215	-6,388	-5,656
Raw materials	-2,760	-4,592	-9,848	-11,163	-7,730	-7,405	-6,576	-8,134
Fuels	-1,426	-8,227	-13,592	-22,942	-26,016	-22,159	-20,651	-19,853
Manufactures	4,177	14,147	25,561	20,811	25,473	25,642	28,680	25,649
Other	-3	-2	416	250	-123	-259	-719	-620

Table 56
Selected Non-OPEC LDCs: Indexes of Export
Prices, Import Prices, and Terms of Trade ^a

1970=100

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Non-OPEC LDCs										
Export	191	185	194	226	233	273	314	301	283	273
Import	206	217	217	230	252	295	358	371	355	342
Terms of Trade	93	85	89	98	92	93	88	81	80	80
Brazil										
Export	189	189	217	266	246	269	285	268	252	238
Import	210	217	224	232	247	297	380	422	408	387
Terms of Trade	90	87	97	115	100	91	75	64	62	61
Colombia										
Export	172	175	257	376	315	311	347	311	308	309
Import	158	173	180	192	215	237	260	276	282	276
Terms of Trade	109	101	143	196	147	131	133	113	109	112
El Salvador										
Export	161	164	241	317	266	302	312	290	275	NA
Import	179	197	193	193	215	240	305	339	362	NA
Terms of Trade	90	83	125	164	124	126	102	86	76	NA
Ethiopia										
Export	138	123	219	222	220	229	221	NA	NA	NA
Import	147	155	164	177	197	214	240	263	NA	NA
Terms of Trade	94	79	134	125	112	107	92	NA	NA	NA
India										
Export	160	172	170	199	211	230	NA	NA	NA	NA
Import	194	226	219	201	224	292	NA	NA	NA	NA
Terms of Trade	82	76	78	99	94	79	NA	NA	NA	NA
Jordan										
Export	256	291	253	245	271	280	335	346	355	315
Import	189	259	223	251	262	284	355	389	371	329
Terms of Trade	135	112	113	98	103	99	94	89	96	96
Kenya										
Export	156	175	206	297	270	297	360	326	296	287
Import	179	221	225	245	278	333	440	459	439	401
Terms of Trade	87	79	92	121	97	89	82	71	67	72
Malaysia										
Export	220	183	214	246	273	351	414	381	350	337
Import	234	249	239	254	276	314	378	409	401	387
Terms of Trade	94	73	90	97	99	112	110	93	87	87

Table 56 (continued)
Selected Non-OPEC LDCs: Indexes of Export
Prices, Import Prices, and Terms of Trade ^a

1970=100

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Mauritius										
Export	364	454	336	332	350	385	436	405	369	366
Import	239	257	257	283	324	382	458	460	428	389
Terms of Trade	152	177	131	117	108	101	95	88	86	94
Morocco										
Export	265	308	222	203	234	NA	NA	NA	NA	NA
Import	213	232	211	162	NA	NA	NA	NA	NA	NA
Terms of Trade	124	133	105	125	NA	NA	NA	NA	NA	NA
Pakistan										
Export	196	173	189	227	258	299	319	331	303	281
Import	194	220	211	218	231	259	323	371	350	311
Terms of Trade	101	79	90	104	112	115	99	89	87	90
Philippines										
Export	212	168	148	150	168	207	216	211	176	184
Import	247	258	255	283	289	339	420	467	399	401
Terms of Trade	86	65	58	53	58	61	51	45	44	46
South Korea										
Export	160	148	166	181	200	241	252	260	251	242
Import	210	217	212	217	230	295	355	374	346	330
Terms of Trade	76	68	78	83	87	82	71	70	73	73
Sri Lanka										
Export	162	143	140	209	223	244	265	233	199	244
Import	235	261	196	222	240	367	493	550	558	599
Terms of Trade	69	55	71	94	93	66	54	42	36	41
Syria										
Export	338	291	358	381	404	531	690	766	669	628
Import	245	273	327	297	317	397	515	669	628	726
Terms of Trade	138	107	109	128	127	134	134	114	107	87
Thailand										
Export	240	212	206	210	229	272	321	310	273	277
Import	215	239	251	270	294	338	418	465	451	426
Terms of Trade	112	89	82	78	78	80	77	67	61	65
Tunisia										
Export	359	395	328	340	375	529	770	791	705	NA
Import	178	215	198	202	213	236	267	258	234	212
Terms of Trade	202	184	166	168	176	224	288	307	302	NA

^a Data are from the *International Financial Statistics*. US dollar indexes for total exports and total imports converted from national data, with the original 1975 comparison base shifted to 1970.

Table 57
Newly Industrialized Countries:
Trade With the Big Seven

Billion US \$

	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
NICs										
Exports	0.3	20.2	32.4	41.3	53.0	63.4	71.2	73.5	82.5	87.2
Imports	9.3	28.1	32.6	44.4	55.7	69.2	74.2	63.3	61.9	62.3
Balance	-9.0	-7.9	-0.2	-3.1	-2.7	-5.8	-3.0	10.2	20.6	25.0
Brazil										
Exports	0.2	4.6	6.4	7.0	8.7	10.3	11.2	11.3	12.2	12.3
Imports	1.7	6.6	5.6	6.9	7.7	9.4	8.2	7.1	5.5	3.8
Balance	-1.5	-2.0	0.8	0.1	1.0	0.9	3.0	4.2	6.7	8.5
China (Taiwan)										
Exports	NEGL	3.6	6.3	9.0	11.2	12.6	14.2	14.7	17.8	20.3
Imports	1.3	3.9	4.9	6.7	8.7	10.6	10.8	9.8	11.2	11.2
Balance	-1.3	-0.3	1.4	2.3	2.5	2.0	3.4	4.9	6.6	9.1
Hong Kong										
Exports	0.1	3.5	5.4	6.9	8.7	10.2	10.8	10.5	11.5	11.6
Imports	1.5	2.9	4.7	6.4	7.9	9.9	10.5	9.8	10.2	11.1
Balance	-1.4	0.6	0.7	0.5	0.8	0.3	0.3	0.7	1.3	0.5
Mexico										
Exports	0.1	3.7	5.6	7.1	10.2	15.3	18.0	20.0	21.6	21.1
Imports	2.3	6.8	6.3	8.9	12.5	19.1	23.2	15.2	11.4	13.3
Balance	-2.2	-3.1	-0.7	-1.8	-2.3	-3.8	-5.2	4.8	10.2	7.8
Singapore										
Exports	NEGL	1.4	2.2	2.8	4.2	5.0	5.5	5.4	5.9	6.8
Imports	0.9	3.2	3.8	5.0	6.6	9.0	9.5	9.7	10.2	9.3
Balance	-0.9	-1.8	-1.6	-2.2	-2.4	-4.0	-4.0	-4.3	-4.3	-2.5
South Korea										
Exports	NEGL	3.5	6.5	8.4	10.0	10.0	11.5	11.7	13.6	15.0
Imports	1.6	4.6	7.3	10.5	12.3	11.2	12.0	11.6	13.3	13.5
Balance	-1.6	-1.1	-0.8	-2.1	-2.3	-1.2	-0.5	0.1	0.3	1.5

Table 58
Selected Countries: Oil Revenues

Billion US \$

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Non-Communist countries										
Algeria	4	5	6	6	9	15	12	11	9	10
Ecuador	NEGL	1	1	1	1	2	2	1	1	2
Gabon	1	1	1	1	1	1	1	1	2	1
Indonesia	4	5	6	6	8	13	15	11	10	10
Iran	19	22	24	21	20	13	11	19	19	17
Iraq	8	10	11	11	22	25	11	10	7	10
Kuwait	8	8	8	9	17	19	14	8	10	10
Libya	6	9	10	10	15	23	15	14	10	11
Mexico	NEGL	1	1	2	4	10	14	16	16	17
Nigeria	7	9	10	9	16	24	17	14	10	12
Qatar	2	2	2	2	4	6	6	4	4	4
Saudi Arabia	27	35	40	36	56	99	110	73	41	40
United Arab Emirates	7	8	9	8	13	19	19	15	9	13
Venezuela	8	8	9	9	13	18	19	15	14	14
Communist countries										
USSR ^a	8	10	13	15	22	28	30	35	37	38

^a Soviet prices to other CEMA countries, which in volume terms account for about one half of Soviet exports of crude oil and petroleum products, have been based on an average of the world market prices for the previous five years.

Table 59
Selected Countries: Oil Import Bill ^a

Billion US \$

	1965	1970	1973	1975	1980	1981	1982	1983	1984 ^b
Developed Countries									
United States ^c	2.1	2.3	7.0	24.8	76.9	78.5	61.5	54.3	58.1
Israel	0.1	0.1	0.2	0.6	2.1	2.0	1.9	1.5	1.3
Japan	1.3	2.7	6.7	21.0	58.9	58.7	51.4	45.7	45.5
Spain	0.2	0.4	0.9	3.7	11.9	12.2	11.2	10.5	9.7
European Community									
France	0.9	1.6	3.3	10.5	30.7	28.9	25.1	20.7	19.1
Italy	0.6	1.2	2.4	9.2	24.7	26.7	23.6	21.1	18.8
Netherlands	0.2	0.3	0.5	5.8	17.0	15.6	14.2	13.7	12.6
United Kingdom	1.4	1.8	3.3	9.3	14.0	12.4	10.9	8.6	10.8
West Germany	1.0	2.0	5.1	11.7	35.1	31.8	28.4	25.2	22.0
Less developed countries									
Brazil	NA	0.2	0.7	3.3	10.3	11.7	10.7	6.6	9.6
India	NA	0.2	0.7	1.4	6.1	5.6	4.6	3.5	2.9
South Korea	NA	0.1	0.3	1.3	6.2	6.9	6.8	6.3	6.0
China (Taiwan)	NA	0.1	0.2	0.7	4.2	4.2	2.2	0.4	0.3
Philippines	NA	0.1	0.2	0.8	2.3	2.5	2.1	2.1	2.0
Thailand	NA	0.1	0.2	0.7	2.8	2.9	2.5	2.3	2.0
Colombia	NA	-0.1	-0.1	0.1	0.6	0.7	0.8	0.6	0.4
Pakistan	NA	0.1	0.1	0.4	1.4	1.5	1.6	1.5	1.2
Hong Kong	NA	0.1	0.1	0.4	1.2	1.9	1.7	1.4	1.1
Chile	NA	0.1	0.1	0.3	0.9	0.9	0.7	0.6	0.5

^a Total cost of imported crude oil and petroleum products (on a c.i.f. basis) less earnings of exports of these items (on an f.o.b. basis). ^b Estimated.
^c On an f.o.b. basis.

Table 60
Importance of Soviet-Western Trade to
Selected Western Countries

Percent

Soviet Trading Partner	Exports to USSR as a Share of Total Exports				Imports From USSR as a Share of Total Imports				Share of Trading Partner's GNP							
									Exports to the USSR				Imports From the USSR			
	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983
Argentina	20.1	32.4	31.4	20.3	0.1	0.3	0.6	0.7	0.8	1.1	2.0	NEGL	NEGL	NEGL	NEGL	NEGL
Australia	5.2	3.3	3.1	2.3	0.1	NEGL	0.5	NEGL	0.8	0.6	0.5	NEGL	NEGL	NEGL	NEGL	NEGL
Austria	2.7	3.1	3.5	3.9	4.2	6.2	5.1	4.3	0.6	0.6	0.6	0.2	1.3	0.7	0.5	0.3
Brazil	1.8	2.7	2.5	3.4	0.2	0.1	1.0	NEGL	0.2	0.2	0.5	0.3	NEGL	NEGL	NEGL	NEGL
Canada	1.9	2.1	2.3	2.0	0.1	0.1	0.1	NEGL	0.5	0.5	0.2	0.5	NEGL	NEGL	NEGL	NEGL
France	2.1	1.8	1.6	2.4	2.6	2.8	2.5	2.7	0.4	0.3	0.1	0.8	0.6	0.6	0.9	1.0
Italy	1.6	1.7	2.0	2.6	3.1	3.4	4.1	4.5	0.4	0.4	0.1	0.7	0.8	0.9	1.1	1.3
Japan	2.1	2.1	2.8	1.9	1.3	1.4	1.3	1.1	0.3	0.3	0.7	1.0	0.2	0.2	0.1	0.5
Netherlands	0.7	0.9	0.6	0.8	1.6	2.6	4.0	4.3	0.3	0.4	0.1	0.2	0.8	1.2	0.2	1.0
United Kingdom	1.0	0.8	0.6	0.7	0.8	0.8	1.1	1.1	0.2	0.2	0.1	0.2	0.4	0.2	0.1	0.4
United States	0.7	1.0	1.2	1.0	0.2	0.1	0.1	0.1	0.1	0.1	0.5	0.7	NEGL	0.1	NEGL	0.1
West Germany	2.3	1.9	2.2	2.6	2.2	2.5	3.0	2.9	0.5	0.5	0.6	1.6	0.5	0.6	0.7	1.7

Table 61
Soviet Foreign Trade ^a*Million US \$*

		Total Trade	Communist Countries					Non-Communist Countries			
			Total	Eastern Europe	China	Other Asia	Other ^b	Total	Developed Countries	Less Developed Countries	
										Total	Unspecified
1960	Exports	5,558	4,210	3,071	816	66	257	1,348	1,022	326	31
	Imports	5,623	3,974	2,792	847	98	237	1,649	1,120	529	33
1965	Exports	8,166	5,555	4,551	192	165	647	2,611	1,506	1,105	270
	Imports	8,050	5,606	4,668	225	120	593	2,444	1,647	797	2
1970	Exports	12,787	8,359	6,752	25	415	1,167	4,428	2,453	1,975	792
	Imports	11,720	7,630	6,627	22	156	825	4,090	2,849	1,241	16
1975	Exports	33,407	20,271	16,494	129	480	3,168	13,136	8,588	4,548	1,899
	Imports	37,070	19,415	15,723	150	277	3,265	17,655	13,566	4,089	31
1979	Exports	64,912	36,152	28,380	268	1,081	6,423	28,760	19,578	9,182	4,367
	Imports	57,958	32,810	26,761	240	618	5,191	25,148	20,405	4,743	49
1980	Exports	76,437	41,431	32,216	261	1,201	7,753	35,006	24,934	10,072	4,766
	Imports	68,473	36,420	29,407	226	681	6,106	32,053	24,386	7,667	168
1981	Exports	79,377	43,353	33,774	115	1,445	8,019	36,024	24,416	11,608	5,058
	Imports	73,158	37,172	29,399	131	582	7,060	35,986	25,356	10,630	209
1982	Exports	87,168	47,107	36,288	166	1,638	9,015	40,061	26,224	13,837	6,424
	Imports	77,847	42,525	33,566	143	788	8,028	35,322	26,204	9,118	6,173
1983	Exports	91,652	51,005	39,355	345	1,768	9,537	40,647	26,707	13,940	7,069
	Imports	80,440	45,502	37,162	314	764	7,262	34,938	25,364	9,574	287
1984	Exports	91,492	51,885	39,845	575	1,836	9,629	39,607	26,427	13,180	6,916
	Imports	80,353	47,017	37,488	627	776	8,126	33,336	24,227	9,109	136

^a Official Soviet statistics using US dollar exchange rates for the Soviet foreign exchange ruble as announced by the State Bank of the USSR. Exports and imports are f.o.b.

^b Cuba, Mongolia, and Yugoslavia.

Table 62
Soviet Exports ^a*Million US \$*

	1960	1965	1970	1975	1979	1980	1981	1982	1983
Total exports	5,558	8,166	12,787	33,407	64,912	76,437	79,377	87,168	91,652
Machinery and equipment	1,141	1,634	2,753	6,241	11,378	12,081	10,862	11,230	11,426
Fuels, lubricants, and related materials	902	1,403	1,986	10,473	27,379	35,874	39,849	45,588	49,193
Coal and coke ^b	242	384	408	1,399	1,504	1,695	1,597	1,660	1,757
Petroleum and petroleum products	657	998	1,469	8,212	22,211	27,851	30,029	35,028	38,092
Ores and concentrates	243	310	403	868	919	993	1,016	1,026	1,053
Iron ore	175	250	325	692	656	651	656	665	682
Base metals and manufactures	837	1,328	1,978	3,813	3,113	3,551	3,511	3,644	3,681
Ferrous metals	642	997	1,351	2,673	3,113	3,551	3,511	3,644	3,681
Rolled ferrous metals	480	716	961	1,794	2,138	2,464	2,422	2,465	2,503
Nonferrous metals	195	331	627	1,140	NA	NA	NA	NA	NA
Aluminum	35	111	184	356	NA	NA	NA	NA	NA
Chemicals	150	244	364	1,027	1,606	2,139	2,380	2,309	2,422
Wood and wood products	305	593	831	1,916	2,666	3,093	2,632	2,471	2,587
Lumber	183	312	333	780	1,031	1,207	990	912	936
Textile raw materials and semimanufactures	358	421	437	976	1,304	1,435	1,545	1,566	1,297
Cotton fiber	288	334	372	917	1,221	1,357	1,472	1,445	1,195
Consumer goods	907	904	1,356	2,377	2,856	2,727	2,759	2,573	2,632
Food	702	664	1,019	1,556	1,661	1,426	1,587	1,320	1,361
Grain ^c	467	270	399	508	559	310	404	393	326
Other consumer goods	205	240	337	821	1,195	1,301	1,172	1,253	1,271
Other and unspecified	715	1,329	2,679	5,716	13,691	14,544	14,823	16,761	17,361

^a Official Soviet statistics using US dollar exchange rates for the Soviet foreign exchange ruble as announced by the State Bank of the USSR. Exports are f.o.b.

^b Including small amounts of charcoal and other solid fuels.

^c Excluding wheat flour.

Table 63
Soviet Imports ^a

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983
Total imports	5,623	8,050	11,720	37,070	57,958	68,473	73,158	77,847	80,440
Machinery and equipment	1,673	2,690	4,166	12,574	22,019	23,198	22,107	26,766	30,709
Transportation equipment	659	990	1,232	3,326	4,335	4,674	4,660	5,301	6,731
Fuels, lubricants, and related materials	237	198	226	1,447	1,103	1,085	1,372	2,068	2,869
Natural gas, coal, and coke	93	123	144	752	178	254	269	287	300
Petroleum and petroleum products	144	75	82	695	925	831	1,103	1,781	2,569
Ores and concentrates	314	315	303	583	747	NA	929	858	929
Base metals and manufactures	545	389	691	3,595	4,499	4,654	4,594	5,359	4,948
Ferrous metals	373	314	593	3,346	4,478	4,635	4,574	5,343	4,937
Rolled ferrous metals	338	287	568	3,197	4,184	4,335	4,259	4,837	4,694
Nonferrous metals	172	75	98	249	21	19	20	15	11
Tin	35	21	30	65	NA	NA	NA	NA	NA
Chemicals	149	373	618	1,747	2,803	3,732	4,031	3,886	4,070
Rubber and rubber products	196	199	192	307	288 ^b	320 ^b	298	209	247
Wood and wood products	105	150	248	796	847	1,369	1,305	1,219	1,076
Textile raw materials and semimanufactures	364	358	561	887	1,122	1,493	1,271	1,283	1,671
Cotton fiber	180	162	249	271	158	96	46	47	323
Wool fiber	118	100	120	265	487	502	534	549	565
Consumer goods	1,573	2,656	3,789	12,720	17,835	23,335	27,532	27,604	23,677
Food	613	1,512	1,590	7,844	11,395	15,156	18,371	16,744	14,907
Grain ^c	17	397	135	2,673	3,448	4,891	7,257	6,120	5,147
Other consumer goods	960	1,144	2,199	4,876	6,440	8,179	9,161	10,860	8,770
Other and unspecified	467	722	926	2,414	6,695	9,287	9,719	8,595	10,244

^a Official Soviet statistics using US dollar exchange rates for the Soviet foreign exchange ruble as announced by the State Bank of the USSR. Imports are f.o.b.

^b Only natural rubber reported.

^c Excluding wheat flour.

Table 64
East European Foreign Trade ^a*Million US \$*

		Total Trade	Communist Countries				Non-Communist Countries		
			Total	USSR	Eastern Europe	Other ^b	Total	Developed Countries	Less Developed Countries
1960	Exports	7,624	5,523	2,817	2,102	604	2,101	1,603	498
	Imports	7,754	5,541	2,954	2,084	503	2,213	1,772	441
1965	Exports	11,789	8,423	4,692	3,172	559	3,366	2,581	785
	Imports	11,611	8,114	4,436	3,111	567	3,497	2,765	732
1970	Exports	18,159	12,546	6,612	4,955	979	5,613	4,426	1,187
	Imports	18,522	12,503	6,803	4,908	792	6,019	5,052	967
1975	Exports	45,269	30,126	15,639	12,157	2,330	15,143	11,379	3,764
	Imports	51,314	30,607	16,345	12,238	2,024	20,707	17,687	3,020
1979	Exports	76,862	51,021	27,082	20,372	3,567	25,841	18,836	7,005
	Imports	82,586	51,579	28,516	19,834	3,229	31,007	24,392	6,615
1980	Exports	86,169	54,899	29,940	20,523	4,436	31,270	22,611	8,659
	Imports	91,190	56,046	32,254	20,433	3,359	35,144	26,171	8,973
1981	Exports	83,758	53,646	29,413	18,832	5,401	30,112	19,903	10,209
	Imports	87,501	57,330	33,758	19,311	4,261	30,171	22,850	7,321
1982	Exports	90,712	60,519	33,953	21,715	4,851	30,193	19,671	10,522
	Imports	87,146	61,308	36,820	20,106	4,382	25,838	19,014	6,824
1983	Exports	96,799	66,321	37,111	22,309	6,901	30,478	20,300	10,178
	Imports	91,213	66,373	39,297	21,543	5,533	24,840	17,623	7,217
1984 ^c	Exports	101,097	69,846	37,426	24,195	8,225	31,251	20,732	10,519
	Imports	94,929	69,308	39,780	22,251	7,277	25,621	18,159	7,462

^a Official East European statistics. Trade with the Communist countries was derived by converting the value of the trade expressed in the currency of each East European country to rubles and then to dollars at the prevailing foreign exchange rate. Exports are on an f.o.b. basis.

Imports are f.o.b. except for Hungary, which is on a c.i.f. basis.

^b Including data for Albania, China, Cuba, Mongolia, North Korea, Vietnam, and Yugoslavia.

^c Preliminary.

Table 65
East European Exports, by Country ^a*Million US \$*

	1960	1965	1970	1975	1980	1981	1982	1983	1984 ^b
Bulgaria	571	1,176	2,004	4,807	10,491	10,590	11,679	12,253	12,797
USSR	307	614	1,078	2,643	5,267	5,142	5,972	6,812	6,887
Eastern Europe	151	275	431	968	1,741	1,559	1,979	2,103	2,282
Developed countries	73	190	289	474	1,638	1,418	1,288	1,266	1,163
Less developed countries	18	52	125	463	1,383	1,844	2,010	1,598	1,970
Czechoslovakia	1,929	2,688	3,792	8,158	15,286	15,230	16,683	17,497	17,398
USSR	659	1,023	1,222	2,664	5,493	5,705	6,609	7,307	7,388
Eastern Europe	561	789	1,213	2,621	4,294	4,101	4,603	4,601	4,449
Developed countries	335	468	783	1,673	3,242	2,993	2,962	2,680	2,786
Less developed countries	200	255	331	706	1,302	1,410	1,395	1,462	1,336
East Germany ^c	2,207	3,085	4,647	10,680	18,848	19,723	21,786	24,313	25,182
USSR	924	1,311	1,742	3,700	6,666	7,169	8,067	8,894	9,047
Eastern Europe	588	852	1,386	3,368	5,303	4,929	5,412	5,933	6,448
Developed countries	446	657	1,078	2,631	4,542	5,446	5,867	6,373	6,505
Less developed countries	89	131	183	431	1,356	1,268	1,735	1,557	1,570
Hungary	874	1,510	2,317	5,694	12,503	11,950	13,835	15,309	16,272
USSR	256	525	790	2,174	4,579	4,590	5,232	5,401	5,445
Eastern Europe	278	468	648	1,518	3,282	3,147	3,925	3,390	3,525
Developed countries	192	342	630	1,424	3,040	2,437	2,672	2,894	2,528
Less developed countries	58	107	137	334	848	1,015	1,198	1,165	908
Poland	1,326	2,228	3,548	10,510	17,249	13,654	15,687	16,322	17,448
USSR	390	781	1,251	3,362	5,609	4,480	5,722	6,452	6,504
Eastern Europe	335	528	882	2,671	3,801	3,265	3,935	4,137	4,961
Developed countries	403	647	1,024	3,278	5,857	3,826	3,672	3,755	4,052
Less developed countries	93	172	258	845	1,649	1,174	1,550	1,481	1,500
Romania	717	1,102	1,851	5,420	11,792	12,611	11,042	11,105	12,000
USSR	281	438	529	1,096	2,326	2,327	2,351	2,245	2,155
Eastern Europe	189	260	395	1,011	2,102	1,831	1,861	2,145	2,530
Developed countries	154	277	622	1,899	4,292	3,783	3,210	3,332	3,698
Less developed countries	40	68	153	985	2,121	3,498	2,634	2,915	3,235

^a Domestic currency converted into US dollars at the exchange rate prevailing at time of transactions. Exports are on an f.o.b. basis. Trade with the Communist countries was derived by converting the value of the trade expressed in the currency of each East European country to rubles and then to dollars at the prevailing foreign exchange rate.

^b Preliminary.

^c The official West German deutsche mark/US dollar rate was used to convert intra-German trade in East German marks to US dollars because using the East German mark/

US dollar rate understates the value of trade. East Germany converts West German marks into East German marks at parity, but actually the East German mark is worth less than the West German mark.

Table 66
East European Imports, by Country ^a

Million US \$

	1960	1965	1970	1975	1980	1981	1982	1983	1984 ^b
Bulgaria	625	1,178	1,831	5,528	9,777	10,905	11,887	12,408	12,727
USSR	332	589	955	2,826	5,639	6,084	6,822	7,429	7,521
Eastern Europe	174	236	372	1,007	1,777	1,702	1,956	2,261	2,422
Developed countries	89	266	355	1,289	1,657	2,128	1,961	1,710	1,737
Less developed countries	13	37	81	209	378	492	723	772	805
Czechoslovakia	1,816	2,673	3,695	8,874	15,537	15,295	16,449	17,357	17,585
USSR	630	955	1,209	2,818	5,658	6,095	7,145	7,915	8,094
Eastern Europe	524	851	1,123	2,839	4,505	4,212	4,442	4,763	4,839
Developed countries	360	514	917	2,244	3,691	3,321	3,117	2,708	2,590
Less developed countries	161	197	214	501	829	758	725	664	738
East Germany ^c	2,194	2,823	4,923	11,947	20,774	20,014	20,899	21,994	22,970
USSR	958	1,205	1,945	4,172	7,508	7,685	8,966	9,163	9,187
Eastern Europe	496	693	1,246	3,147	4,947	4,735	4,588	4,769	5,244
Developed countries	484	656	1,378	3,704	6,332	5,886	5,700	5,531	5,868
Less developed countries	90	120	182	483	1,288	762	965	1,075	1,150
Hungary	976	1,520	2,505	6,795	12,628	12,672	13,279	14,670	15,550
USSR	303	553	832	2,284	4,620	4,599	5,178	5,470	5,306
Eastern Europe	317	415	726	1,813	3,186	3,183	3,268	3,661	3,463
Developed countries	237	383	678	1,966	3,719	3,654	3,195	2,908	2,726
Less developed countries	58	113	177	498	848	845	932	1,110	919
Poland	1,495	2,340	3,608	12,752	19,437	16,158	15,073	15,675	16,197
USSR	465	728	1,361	3,294	6,698	6,821	6,721	7,110	7,453
Eastern Europe	400	706	1,000	2,354	3,963	3,517	3,724	4,233	4,053
Developed countries	447	583	938	6,199	6,699	4,336	3,176	3,056	3,383
Less developed countries	99	210	196	597	1,789	924	598	746	760
Romania	648	1,077	1,960	5,418	13,037	12,457	9,559	9,109	9,900
USSR	266	406	501	951	2,131	2,474	1,988	2,210	2,219
Eastern Europe	173	210	441	1,078	2,055	1,962	2,128	1,856	2,230
Developed countries	155	363	786	2,285	4,073	3,525	1,865	1,710	1,855
Less developed countries	20	55	117	732	3,841	3,540	2,881	2,850	3,090

^a Imports are f.o.b. except for Hungary, which is on a c.i.f. basis. Trade with the Communist countries was derived by converting the value of the trade expressed in the currency of each East European country to rubles and then to dollars at the prevailing foreign exchange rate. Country totals include trade with centrally planned economy countries other than the USSR and Eastern Europe.

^b Preliminary.

^c The official West German deutsche mark/US dollar rate was used to convert intra-German trade in East German marks to US dollars because using the East German mark/US dollar

rate understates the value of trade. East Germany converts West German marks into East German marks at parity, but actually the East German mark is worth less than the West German mark.

Table 67
East European Exports, by Commodity Group ^a

Million US \$

	1970	1975	1980	1981	1982 ^b	1983 ^b	1984 ^b
Bulgaria	2,004	4,807	10,491	10,590	11,679	12,253	12,797
Machinery and equipment	581	1,956	4,658	4,795	5,477	5,930	6,194
Fuels, minerals, and metals	162	375	1,574	1,539	1,485	1,397	1,459
Agricultural and forestry products	870	1,620	2,560	2,387	2,675	2,671	2,790
Manufactured consumer goods	295	495	923	963	1,099	1,213	1,267
Other	96	361	776	906	943	1,042	1,087
Czechoslovakia	3,792	8,158	15,286	15,230	16,683	17,497	17,398
Machinery and equipment	1,911	3,916	7,689	7,965	8,875	9,588	9,534
Fuels, minerals, and metals	705	1,574	2,629	2,269	2,419	2,485	2,471
Agricultural and forestry products	277	587	1,315	1,218	1,218	1,172	1,166
Manufactured consumer goods	629	1,485	2,430	2,543	2,803	2,835	2,818
Other	270	596	1,223	1,235	1,368	1,417	1,409
East Germany	4,647	10,680	18,848	19,723	21,786	24,313	25,182
Machinery and equipment	2,402	5,415	9,669	9,644	10,910	11,622	NA
Fuels, minerals, and metals	469	1,292	2,790	3,313	4,162	4,303	NA
Agricultural and forestry products	344	972	1,206	1,460	1,552	1,921	NA
Manufactured consumer goods	939	1,666	2,790	2,781	3,194	3,428	NA
Other	493	1,335	2,394	2,525	2,678	3,039	NA
Hungary	2,317	5,694	12,503	11,950	13,385	15,309	16,272
Machinery and equipment	755	2,107	4,026	3,752	4,323	4,730	5,030
Fuels, minerals, and metals	334	678	1,800	1,506	1,780	2,419	2,570
Agricultural and forestry products	619	1,435	3,263	3,370	3,694	4,088	4,345
Manufactured consumer goods	494	1,162	2,176	2,055	2,208	2,404	2,558
Other	115	312	1,238	1,267	1,380	1,668	1,769
Poland	3,548	10,510	17,249	13,654	15,687	16,322	17,448
Machinery and equipment	1,366	4,109	7,659	6,841	7,357	7,802	8,340
Fuels, minerals, and metals	848	3,058	4,399	2,922	4,251	4,472	5,100
Agricultural and forestry products	600	1,209	1,708	1,120	1,380	1,387	1,483
Manufactured consumer goods	571	1,534	2,639	2,130	2,071	1,926	2,059
Other	163	600	845	641	628	735	466
Romania	1,851	5,420	11,792	12,611	11,042	11,105	12,000
Machinery and equipment	422	1,371	3,090	3,657	3,644	3,385	NA
Fuels, minerals, and metals	420	1,209	3,479	3,506	2,661	2,926	NA
Agricultural and forestry products	496	1,225	1,957	2,030	1,546	1,324	NA
Manufactured consumer goods	335	873	1,828	1,980	1,855	1,794	NA
Other	178	742	1,439	1,438	1,336	1,250	NA

^a The values of East European exports by commodity group were calculated by applying East European data on percentage breakdowns to total exports expressed in US dollars (see table 65, footnote a).

^b Preliminary.

Table 68
East European Imports, by Commodity Group ^a

Million US \$

	1970	1975	1980	1981	1982	1983	1984 ^b
Bulgaria	1,831	5,528	9,777	10,905	11,887	12,408	12,727
Machinery and equipment	743	2,289	3,461	3,653	4,030	4,244	4,378
Fuels, minerals, and metals	533	1,852	4,194	4,842	5,492	5,745	5,893
Agricultural and forestry products	291	702	948	1,112	975	1,067	1,095
Manufactured consumer goods	104	282	430	513	571	534	547
Other	160	403	744	785	819	818	814
Czechoslovakia	3,695	8,874	15,537	15,295	16,449	17,357	17,585
Machinery and equipment	1,234	3,204	5,687	5,292	5,445	5,763	5,838
Fuels, minerals, and metals	868	2,467	4,925	5,537	6,431	7,134	7,227
Agricultural and forestry products	890	1,544	2,501	2,264	2,336	2,100	2,130
Manufactured consumer goods	314	683	917	811	905	972	1,000
Other	389	976	1,507	1,391	1,332	1,388	1,390
East Germany	4,923	11,947	20,774	20,014	20,899	21,994	22,970
Machinery and equipment	1,684	3,680	6,398	6,404	6,750	6,576	NA
Fuels, minerals, and metals	1,359	3,644	7,624	7,364	8,339	8,710	NA
Agricultural and forestry products	1,383	2,700	3,926	3,583	3,406	3,915	NA
Manufactured consumer goods	222	669	1,039	981	857	968	NA
Other	275	1,254	1,787	1,682	1,547	1,825	NA
Hungary	2,505	6,795	12,628	12,672	13,279	14,670	15,550
Machinery and equipment	774	2,188	3,877	3,764	4,050	4,181	4,463
Fuels, minerals, and metals	591	1,855	3,410	3,383	3,970	4,606	4,945
Agricultural and forestry products	611	1,291	2,349	2,332	1,979	2,318	2,488
Manufactured consumer goods	193	482	972	1,102	1,169	1,247	1,322
Other	336	979	2,020	2,091	2,111	2,318	2,332
Poland	3,608	12,752	19,437	16,158	15,073	15,675	16,197
Machinery and equipment	1,306	4,769	6,356	4,993	3,766	4,264	4,406
Fuels, minerals, and metals	960	3,826	6,045	5,106	5,241	6,427	6,641
Agricultural and forestry products	772	2,270	4,062	3,862	3,369	2,195	2,268
Manufactured consumer goods	231	676	1,244	969	1,205	1,520	1,620
Other	339	1,211	1,730	1,228	1,492	1,269	1,262
Romania	1,960	5,418	13,037	12,457	9,559	9,109	9,900
Machinery and equipment	790	1,880	3,207	2,940	2,543	2,070	NA
Fuels, minerals, and metals	596	2,070	6,558	6,054	4,732	4,457	NA
Agricultural and forestry products	306	845	1,916	2,155	1,157	876	NA
Manufactured consumer goods	108	206	391	436	401	317	NA
Other	160	417	965	872	726	627	NA

^a The values of East European imports by commodity group were calculated by applying East European data on percent-

age breakdowns to total imports expressed in US dollars (see table 66, footnote a).

^b Preliminary.

Table 69
Chinese Foreign Trade ^a*Million US \$*

		Total Trade	Communist Countries				Non-Communist Countries		
			Total	Eastern Europe	USSR	Other ^b	Total	Developed Countries	Less Developed Countries ^c
1965	Exports	2,035	650	95	225	330	1,385	575	810
	Imports	1,680	515	110	190	215	1,165	805	360
1970	Exports	2,155	480	255	20	205	1,675	660	1,015
	Imports	2,045	390	225	25	140	1,655	1,370	285
1975	Exports	7,130	1,375	630	150	595	5,755	2,610	3,145
	Imports	6,830	1,005	595	130	280	5,825	4,985	840
1979	Exports	13,735	1,755	1,050	240	465	11,980	5,645	6,335
	Imports	14,490	1,945	1,200	270	475	12,545	10,170	2,375
1980	Exports	18,925	1,885	1,130	230	525	17,040	8,270	8,770
	Imports	19,305	1,945	1,110	295	540	17,360	13,515	3,845
1981	Exports	21,495	1,240	745	130	365	20,255	10,045	10,210
	Imports	17,940	1,270	700	115	455	16,670	12,740	3,930
1982	Exports	23,435	1,210	660	145	405	22,230	10,225	12,005
	Imports	16,690	1,670	925	165	580	15,020	10,805	4,215
1983	Exports	23,520	1,365	670	310	385	22,155	9,940	12,215
	Imports	18,340	1,650	845	340	470	16,690	11,720	4,965
1984	Exports	27,440	1,555	590	625	340	25,885	11,870	14,015
	Imports	25,100	2,075	1,050	575	455	23,025	15,440	7,585

^a Data are f.o.b. and rounded to the nearest US \$5 million.^b Including data for Albania, Cuba, Mongolia, North Korea, Vietnam, and Yugoslavia.^c Including data for Hong Kong and Macao.

Table 70
Chinese Exports ^a*Million US \$*

	1970	1975	1979	1980	1981	1982	1983	1984
Total	2,155	7,130	13,735	18,925	21,495	23,435	23,520	27,440
Food and live animals	660	2,045	2,650	3,210	3,450	3,595	3,250	3,420
Live animals	70	215	265	340	380	395	295	305
Meat and meat preparations	105	240	305	385	375	500	425	385
Fish and fish preparations	70	190	380	400	425	385	325	350
Cereals and cereal preparations	150	615	420	485	510	495	345	355
Vegetables and fruit	170	435	775	935	1,050	1,040	1,000	1,035
Beverages and tobacco	20	80	100	120	120	140	145	165
Crude materials, excluding fuel	380	840	1,600	1,820	2,050	1,790	2,060	2,440
Oilseeds, oil nuts, and oil kernels	70	160	190	185	525	245	320	345
Textile fibers and wastes	105	245	510	545	500	550	750	940
Crude animal and vegetable materials	115	225	450	540	455	465	475	545
Mineral fuels, lubricants, and related materials	60	1,025	2,465	4,415	4,765	5,255	4,805	5,735
Petroleum and petroleum products	5	865	2,250	4,165	4,495	4,930	4,485	5,185
Animal and vegetable oils and fats	25	55	90	85	105	70	105	130
Chemicals	115	350	770	1,180	1,300	1,280	1,290	1,400
Chemical elements and compounds	25	100	270	480	550	565	540	610
Manufactured goods	590	1,650	3,515	4,410	5,140	5,005	4,930	6,010
Textile yarn, fabrics, made-up articles	390	1,035	2,285	2,765	3,080	2,920	3,180	4,135
Nonmetallic mineral manufactures	60	170	330	415	480	480	380	385
Manufactures of metal	40	110	285	390	520	565	595	665
Machinery and transport equipment	75	260	485	610	805	790	810	1,075
Miscellaneous manufactured goods	225	800	2,025	3,010	3,665	4,150	4,500	5,795
Clothing	100	355	1,055	1,665	2,095	2,435	2,740	3,475
Other	5	25	35	65	95	1,365	1,625	1,270

^a Data are f.o.b. and rounded to the nearest \$5 million.

Table 71
Chinese Imports ^a*Million US \$*

	1970	1975	1979	1980	1981	1982	1983	1984
Total	2,045	6,830	14,490	19,305	17,940	16,690	18,340	25,100
Food and live animals	330	815	1,775	2,860	3,080	3,495	2,380	2,420
Cereal and cereal preparations	255	540	1,305	2,225	2,340	2,475	1,625	1,560
Sugar, sugar preparations, and honey	65	155	210	300	470	650	380	315
Crude materials, excluding fuels	235	730	1,960	3,325	3,175	2,520	2,365	2,450
Rubber, crude (including synthetic and reclaimed)	95	165	315	430	215	245	230	295
Textile fibers and their waste	95	395	1,140	2,065	2,280	1,470	1,155	1,040
Mineral fuels, lubricants, and related materials	40	130	180	175	175	175	190	240
Petroleum and petroleum products	10	40	35	30	55	30	60	50
Animal and vegetable fats and oils	5	40	180	180	105	95	95	90
Chemicals	310	815	1,445	2,185	2,025	2,110	2,235	2,930
Chemical elements and compounds	175	250	410	545	470	525	575	590
Fertilizers, manufactured	65	390	595	980	755	580	570	700
Manufactured goods	690	2,190	4,710	4,575	4,000	4,195	5,715	7,200
Textile yarn, fabrics, made-up articles, and products	40	90	295	845	1,575	1,160	1,010	1,555
Iron and steel	390	1,475	3,460	2,235	1,320	1,870	3,315	4,020
Nonferrous metals	200	395	340	420	165	430	665	710
Machinery and transport equipment	405	2,010	3,845	5,350	4,595	3,280	4,260	7,910
Machinery, other than electric	190	985	1,990	2,790	2,545	1,405	1,815	3,300
Electric machinery	30	190	540	1,070	1,345	820	1,190	2,245
Transport equipment	190	835	1,310	1,490	705	1,055	1,255	2,365
Miscellaneous manufactured goods	25	75	300	485	595	670	895	1,605
Other	NEGL	25	95	170	190	145	205	255

^a Data are f.o.b. and rounded to the nearest \$5 million.

Million US \$

Table 72
Cuban Foreign Trade ^a

		Total Trade	Communist Countries			Non-Communist Countries
			Total	USSR	Eastern Europe		Other ^{b}
1965	Exports	691	529	323	103	162
	Imports	866	649	428	98	217
1970	Exports	1,050	778	529	150	272
	Imports	1,311	905	691	125	406
1975	Exports	3,572	2,401	2,011	279	1,171
	Imports	3,767	1,935	1,513	304	1,832
1978	Exports	4,575	3,868	3,319	399	707
	Imports	4,751	3,782	3,096	537	969
1979	Exports	4,829	3,967	3,271	511	862
	Imports	5,089	4,205	3,468	580	884
1980	Exports	5,593	3,922	3,177	569	1,671
	Imports	6,409	4,983	3,989	826	1,426
1981	Exports	5,406	4,063	3,018	730	1,343
	Imports	6,546	5,260	4,139	918	1,286
1982	Exports	5,928	5,008	3,956	666	920
	Imports	6,645	5,886	4,507	1,082	759
1983	Exports	6,416	5,521	4,494	746	895
	Imports	7,219	6,255	4,926	1,120	964
1984	Exports	6,174	5,530	4,451	826	644
	Imports	8,145	6,846	5,398	1,126	1,299

^a Exports are on an f.o.b. basis; imports are on a c.i.f. basis. Cuban trade with non-Communist countries is based on hard currency world prices while its Communist country trade uses soft currency negotiated prices which are fre-

quently subsidized in Cuba's favor and do not reflect real market values. The result is a more favorable global trade balance than if Cuba conducted all of its trade at world market prices.

^b Including data for China, Mongolia, North Korea, and Vietnam.

Table 73
Cuban Exports ^a

Million US \$

	1965	1970	1975	1978	1980	1981	1982	1983	1984
Total	691	1,050	3,572	4,575	5,593	5,406	5,928	6,416	6,174
Sugar	591	806	3,209	3,957	4,677	4,269	4,560	4,730	4,663
Raw and refined	579	785	3,183	3,931	4,624	4,225	4,526	4,717	4,625
Molasses	12	21	26	26	53	44	34	13	38
Minerals	50	175	169	212	270	409	347	360	340
Nickel	40	173	164	206	260	400	339	352	329
Other	10	2	5	6	10	9	8	8	11
Tobacco	33	33	63	92	51	72	124	119	64
Raw	19	15	22	29	8	24	54	37	21
Manufactured	14	18	41	63	43	48	70	82	43
Foodstuffs	5	29	131	208	255	301	312	372	280
Fish and shellfish	3	19	63	113	124	126	117	122	104
Citrus	1	3	14	39	58	99	118	137	134
Other ^b	12	7	NEGL	106	340	355	585	835	827

^a Exports are f.o.b.^b Includes reexports of petroleum imports.**Table 74**
Cuban Imports ^a

Million US \$

	1965	1970	1975	1978	1980	1981	1982	1983	1984
Total	866	1,311	3,767	4,751	6,409	6,546	6,645	7,219	8,145
Food and live animals, beverage, tobacco, oil, fats	205	263	718	861	1,093	1,117	1,001	NA	NA
Crude materials, except fuels	25	61	145	282	278	278	258	NA	NA
Mineral fuels, lubricants	85	114	377	859	1,311	1,421	1,807	NA	NA
Chemicals	46	77	212	219	426	431	361	NA	NA
Manufactures	153	130	464	512	884	932	913	NA	NA
Basic manufactured machinery and transport equipment	133	368	911	1,277	2,253	2,205	2,097	NA	NA
Miscellaneous manufactured articles	NEGL	NEGL	1	28	164	162	208	NA	NA
Other ^b	219	298	939	713	0	0	0	NA	NA

^a Imports are c.i.f.^b Some of the imports reported in the other category through 1978 probably could be included in "manufactures" or"basic manufactured machinery and transport equipment".
Sources: *Anuario Estadístico de Cuba* (various issues), various National Bank of Cuba publications.

Million US \$

Table 75
Communist Economic Aid to Less Developed Countries,
Extensions and Drawings

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total	51,240	25,095	30,005	14,050	14,665	6,610	6,575	4,435
1954-74	19,835	9,210	10,080	5,670	5,830	1,900	3,925	1,640
1975	2,925	985	1,970	500	545	270	410	215
1976	2,285	1,235	1,080	475	995	405	205	360
1977	1,180	1,335	435	545	525	505	220	280
1978	4,820	1,215	3,000	485	1,600	425	220	305
1979	4,625	1,130	3,800	580	645	305	175	245
1980	4,400	1,390	2,605	815	1,325	315	470	260
1981	1,405	1,630	600	860	725	485	80	280
1982	1,645	2,165	1,015	1,190	560	650	70	325
1983	3,950	2,425	3,265	1,435	415	680	270	310
1984	4,180	2,370	2,150	1,495	1,500	660	525	215

Million US \$

Table 76
Communist Military Aid to Less Developed Countries,
Extensions and Drawings

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total	114,515	92,865	94,470	76,465	12,340	10,450	7,710	5,950
1954-74	21,530	15,450	18,910	13,520	2,010	1,450	605	480
1975	3,860	2,410	3,185	2,035	635	275	40	100
1976	6,640	3,560	6,140	3,110	355	350	145	100
1977	10,370	5,245	9,645	4,815	650	355	75	75
1978	3,485	6,720	2,700	6,075	560	550	225	95
1979	9,775	9,085	8,835	8,340	750	645	195	100
1980	16,450	9,020	14,635	8,125	870	635	945	260
1981	12,025	9,830	6,505	8,105	2,560	1,315	2,965	410
1982	15,135	10,880	11,765	8,065	1,795	1,970	1,575	845
1983	5,075	9,780	2,995	7,130	1,310	1,060	770	1,590
1984	10,165	10,880	9,155	7,135	845	1,845	165	1,900

Table 77
Soviet Economic Aid Extended to Less Developed
Countries, by Recipient

Million US \$

	1954-84	1983	1984		1954-84	1983	1984
Total	30,003	3,263	2,151				
Africa	8,223	588	544	Zambia	30	9	...
Algeria	1,347	250	...	Other	969	25	86
Burkina	6	...	NEGL	East Asia	261	...	...
Cameroon	8	...	...	Indonesia	214	...	...
Central African Republic	3	...	...	Other	47	...	...
Chad	5	...	...	Latin America	1,804	182	8
Congo	74	...	...	Argentina	295	68	NA
Equatorial Guinea	2	...	NA	Bolivia	188	72	...
Ethiopia	1,290	266	268	Brazil	158	15	...
Ghana	110	...	4	Chile	238	...	...
Guinea	399	...	163	Other	925	27	8
Kenya	49	...	...	Middle East and South Asia	19,715	2,493	1,598
Mali	137	...	15	Afghanistan	3,214	371	325
Mauritania	13	...	8	Bangladesh	433	73	...
Morocco	2,098	...	...	Egypt	1,439	360	...
Niger	2	...	...	India	3,222	140	...
Nigeria	1,207	...	...	Iran	1,164	NA	...
Rwanda	1	...	...	Iraq	2,176	1,000	453
Senegal	8	...	...	North Yemen	197	...	...
Sierra Leone	34	...	...	Pakistan	1,210	277	NA
Somalia	164	...	...	Sri Lanka	100	...	...
Sudan	65	...	...	Syria	1,916	...	...
Tanzania	44	...	...	Turkey	3,399	...	...
Tunisia	123	27	...	Other	1,245	272	820
Uganda	35	11	...				

Million US \$

Table 78
East European Economic Aid Extended to the
Less Developed Countries, by Recipient

	1954-84	1983	1984		1954-84	1983	1984
Total	14,665	416	1,501	Brazil	781	...	...
Africa	3,641	150	80	Chile	145	...	...
Algeria	774	...	...	Colombia	111	...	30
Ethiopia	412	2	20	Ecuador	19	...	...
Ghana	158	10	...	Peru	253	...	...
Guinea	130	...	...	Uruguay	31	...	...
Mali	23	...	...	Venezuela	10	...	...
Morocco	214	...	...	Other	1,098	256	230
Nigeria	504	5	47	Middle East and South Asia	7,497	NA	1,151
Somalia	41	25	...	Afghanistan	210	...	NEGL
Sudan	269	...	...	Bangladesh	686	...	...
Tanzania	87	...	...	Egypt	1,478	...	170
Tunisia	281	50	...	India	455	...	...
Zambia	166	...	...	Iran	686	...	...
Other	582	58	13	Iraq	493	...	...
East Asia	682	...	...	Lebanon	9	...	...
Burma	213	...	...	North Yemen	38	...	...
Cambodia	17	...	...	Pakistan	671	...	520
Indonesia	367	...	...	South Yemen	141	...	1
Other	85	...	...	Sri Lanka	93	...	...
Latin America	2,845	266	270	Syria	1,314	...	160
Argentina	298	...	...	Turkey	1,212	NA	300
Bolivia	99	10	10	Other	11	...	...

Table 79
Chinese Economic Aid Extended to the
Less Developed Countries, by Recipient

Million US \$

	1956-84	1983	1984		1956-84	1983	1984
Total	6,574	269	526				
Africa	3,808	124	379	Zaire	138	...	...
Algeria	92	...	...	Zambia	345	8	...
Benin	56	NEGL	12	Other	546	...	114
Burkina	60	...	9	East Asia	457	55	25
Burundi	58	...	...	Burma	240	53	15
Cameroon	103	...	...	Cambodia	92	...	...
Central African Republic	29	15	...	Indonesia	47	...	...
Chad	68	...	...	Laos	26	...	...
Congo	199	88	...	Other	52	2	10
Ethiopia	138	...	...	Latin America	227	50	20
Ghana	42	...	...	Chile	65	...	...
Guinea	144	...	...	Guyana	38	...	...
Kenya	64	...	...	Peru	42	...	...
Madagascar	89	...	...	Other	82	50	20
Mali	134	2	5	Middle East and South Asia	2,038	40	102
Mauritania	107	...	20	Afghanistan	76	...	...
Mauritius	35	...	...	Bangladesh	119	...	...
Niger	58	...	5	Egypt	193	...	...
Rwanda	56	...	...	Iraq	45	...	...
Senegal	52	...	NEGL	Nepal	293	...	NEGL
Sierra Leone	79	...	18	North Yemen	130	...	...
Somalia	168	3	NEGL	Pakistan	753	...	102
Sudan	176	...	37	South Yemen	96	...	...
Tanzania	587	8	158	Sri Lanka	222	NEGL	...
Togo	46	...	...	Syria	70	...	...
Tunisia	97	...	...	Other	41	40	...
Uganda	42	...	...	Europe	45	...	...
				Malta	45	...	...

Million US \$

Table 80
Soviet Economic Aid Extended to Communist Countries

	1954-83	1978	1979	1980	1981	1982	1983
Total	111,960	5,535	9,205	18,110	20,725	15,575	9,840
Eastern Europe	65,065	1,300	4,400	12,500	14,100	9,000	3,800
East Asia	8,640	600	940	1,310	1,370	1,145	1,075
North Korea	1,310	35	75	260	145	130	50
Vietnam	7,330	565	865	1,050	1,225	1,015	1,025
Other	38,255	3,635	3,865	4,300	5,255	5,430	4,965
Cuba	28,890	2,945	3,180	3,465	4,440	4,560	4,100
Mongolia	9,365	690	685	835	815	870	865

Million US \$

Table 81
USSR: Economic Assistance to Cuba ^a

	1961-84	1974	1975	1978	1979	1980	1981	1982	1983 ^b	1984 ^b
Total	37,420	346	1,065	2,945	3,180	3,465	4,560	4,665	4,260	4,430
Development aid ^c	10,555	295	150	320	460	830	1,415	975	1,070	1,000
Trade subsidies	26,865	45	915	2,625	2,720	2,635	3,145	3,690	3,190	3,430
Sugar ^d	19,750	-410	575	2,425	2,325	1,165	1,365	2,580	2,740	3,150
Petroleum ^e	6,770	410	310	165	380	1,480	1,655	1,005	345	180
Nickel ^d	345	40	30	35	15	-10	120	105	105	100

^a Based on official Cuban and Soviet trade data.^b Preliminary.^c Based on (a) estimated balance-of-payments aid necessary to cover Cuban trade deficits with the USSR; (b) Cuban purchases of capital goods from Moscow; and (c) public statements by Cuban and Soviet officials concerning the amount of development aid extended. This aid is repayable, but terms are highly concessional. Projection for 1984 is based on preliminary trade data.^d Sugar and nickel subsidies are estimated as the difference between the price Moscow pays for these commodities and their world market value. The difference is considered a grant and not subject to repayment.^e The petroleum subsidy reflects the difference between the value of petroleum purchased from the USSR and the value of these imports at world market prices. It is considered a grant and not subject to repayment.

Table 82
Gross Official Bilateral Capital
Flows to the Less Developed Countries ^a

Million US \$

	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	28,434	29,181	32,205	41,744	44,151	54,200	51,096	52,905	50,833
Development Assistance Committee ^b	21,210	21,848	24,803	32,399	35,369	43,221	40,946	44,849	42,932
United States	6,451	6,908	7,079	8,632	8,023	10,953	9,530	12,510	11,330
France	2,768	3,044	3,243	4,088	4,866	6,037	5,727	5,425	5,191
West Germany	2,639	2,602	2,729	3,654	5,090	6,183	5,011	4,750	4,833
United Kingdom	991	1,020	1,396	1,925	2,780	2,739	3,253	2,659	2,198
Japan	3,760	3,425	4,266	6,255	5,792	7,026	8,337	9,177	9,627
Other developed countries ^c	4,601	4,849	6,090	7,845	8,818	10,283	9,088	10,328	9,753
OPEC ^d	6,239	6,098	6,067	8,130	7,652	9,589	8,525	5,891	5,476
Communist countries ^e	985	1,235	1,335	1,215	1,130	1,390	1,625	2,165	2,425
USSR	500	475	550	485	580	815	860	1,190	1,435
Eastern Europe	270	400	505	425	305	315	485	650	680
China	215	360	280	305	245	260	280	325	310

^a Total gross official capital flows include official development assistance, which is concessional, and other official flows, which are less concessional or are primarily trade facilitating in character.

^b Members of the Organization for Economic Cooperation and Development.

^c Including Australia, Austria, Belgium, Canada, Denmark, Finland, Italy, Norway, the Netherlands, Sweden, and Switzerland; also including Portugal for the period 1954-72. New Zealand became a DAC member in 1974. Disbursements by all donors to China and Yugoslavia are excluded.

^d Official development assistance—data for other official flows are not available for OPEC.

^e Rounded to the nearest \$5 million.

Table 83
Net Financial Flows to Developing Countries ^a

Billion US \$

Net Disbursements	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	46.7	52.5	57.7	78.4	83.4	85.1	100.9	90.3	75.1
Official flows	24.3	24.6	26.4	34.8	35.3	44.7	43.7	43.9	40.8
Bilateral	20.5	20.0	20.6	27.8	29.1	35.7	36.2	34.6	31.8
Industrial countries	12.8	12.7	13.3	18.4	19.5	23.5	24.7	25.9	23.4
OPEC ^b	6.2	6.1	6.1	8.1	7.8	9.6	8.5	5.9	5.5
Communist countries ^c	1.5	1.2	1.2	1.3	1.8	2.6	3.0	2.8	2.9
Multilateral	3.8	4.6	5.8	7.0	6.2	9.0	7.5	9.3	9.0
Private flows	22.4	27.9	31.3	43.6	48.1	40.4	57.2	46.4	34.3

^a Net disbursements. Official flows consist of Official Development Assistance (ODA) and Other Official Flows (OOF). Private flows consist of direct investment, private export credits, and portfolio investment.

^b Gross flows of ODA, other official flows are not available.

^c Members of the Council for Mutual Economic Cooperation (CEMA).

Table 84
US Economic Loans and Grants Extended
to the Less Developed Countries ^a

Million US \$

	1946-84 ^b	1975 ^c	1980 ^c	1981 ^c	1982 ^c	1983 ^c	1984 ^c
Total	143,752	4,548	7,570	7,251	8,040	8,564	8,820
Africa	12,171	335	800	922	954	971	1,165
Ethiopia	408	24	15	5	2	3	10
Ghana	461	8	28	26	17	7	20
Liberia	560	16	24	55	66	63	66
Libya	212	0	0	0	0	0	...
Morocco	1,277	24	27	56	63	54	84
Nigeria	406	9	...	...	...	...	...
Tunisia	985	13	29	40	17	19	18
Zaire	802	5	26	29	24	30	46
Other	7,060	236	651	711	765	795	921
East Asia	25,570	494	407	326	277	286	308
Cambodia	913	149	38	14	4	2	3
Indonesia	3,215	90	196	130	91	111	116
Laos	904	26	...	...	...	...	...
Philippines	2,507	68	83	98	107	103	106
South Korea	6,049	37	31	28	...	...	...
China (Taiwan)	2,207	0	...	...	...	...	...
Thailand	877	7	30	31	36	29	42
Other	8,898	117	29	25	39	41	41
Latin America	16,129	520	498	611	840	1,161	1,217
Argentina	199	NEGL	...	...	NEGL	...	NEGL
Bolivia	923	26	30	13	20	63	78
Brazil	2,428	15	2	1	1	NEGL	...
Chile	1,181	96	10	12	7	3	2
Colombia	1,383	28	23	6	3	4	8
Dominican Republic	929	12	56	38	82	63	98
Ecuador	493	8	12	18	23	27	29
Guatemala	530	14	13	19	16	30	20

Table 84 (continued)
US Economic Loans and Grants Extended
to the Less Developed Countries ^a

Million US \$

	1946-84 ^b	1975 ^c	1980 ^c	1981 ^c	1982 ^c	1983 ^c	1984 ^c
Mexico	362	NEGL	7	10	9	8	8
Panama	466	21	2	11	13	7	12
Peru	1,060	16	53	80	55	94	165
Venezuela	202	2	...	NEGL	NEGL	NEGL	NEGL
Other	5,973	282	290	403	611	862	797
Middle East and South Asia	50,146	1,786	2,802	2,757	2,958	2,987	3,093
Afghanistan	537	21	...	...	...	...	...
Bangladesh	1,989	304	157	152	172	172	193
Egypt	10,519	370	1,166	1,130	1,065	1,005	1,104
Greece	1,910	0	...	...	...	...	...
India	11,042	249	222	275	222	210	213
Iran	766	2	...	...	...	...	...
Israel	8,851	353	786	764	806	785	910
Jordan	1,488	99	73	10	15	20	20
Pakistan	5,858	181	59	77	200	279	307
Turkey	3,920	4	198	201	301	286	140
Other	3,266	203	141	148	177	230	206
Europe and Oceania	2,200	95	94	41	48	39	59
Spain	1,108	3	7	7	22	12	12
Other	1,092	92	87	34	26	27	47
Interregional	37,536	1,318	2,969	2,594	2,963	3,120	2,978

^a Data are for fiscal years and are for official development assistance, which is concessional.

^b Data are reported on a net basis, excluding total deobligations.

^c Data reported are on a gross basis.

Table 85
US Military Deliveries to the Less Developed Countries ^a

Million US \$

	1975-84	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	72,265	4,412	5,410	7,324	7,546	7,563	5,973	6,965	8,579	10,715	7,778
North Africa and the Middle East	54,548	2,218	4,224	5,609	6,121	6,203	4,324	5,052	6,500	8,685	5,612
Egypt	3,130	0	1	12	57	193	209	207	1,066	1,037	348
Iran	10,180	1,035	1,999	2,555	2,065	2,519	7	0	0	0	0
Israel	8,579	777	1,010	1,091	948	515	853	1,309	1,122	459	495
Jordan	1,721	32	138	112	178	126	277	221	193	344	100
Kuwait	839	13	22	157	191	74	79	67	92	78	66
Lebanon	510	2	5	NEGL	10	11	17	14	39	191	221
Morocco	724	3	20	55	99	142	69	128	64	67	77
North Yemen	309	2	NEGL	22	27	70	72	49	40	17	10
Oman	100	2	1	1	1	1	8	18	34	26	8
Saudi Arabia	27,198	350	1,019	1,594	2,535	2,500	2,640	3,005	3,782	6,092	3,681
Tunisia	275	2	3	6	2	45	11	24	16	26	140
Other	983	NEGL	6	4	8	7	82	10	52	348	466
Sub-Saharan Africa	840	26	63	99	111	38	53	72	160	96	122
Cameroon	35	0	1	8	3	NEGL	3	1	3	4	12
Kenya	141	1	0	1	47	8	4	28	25	21	6
Liberia	23	NEGL	1	NEGL	0	2	1	1	1	10	7
Nigeria	105	4	26	4	10	9	11	11	13	7	10
Somalia	58	0	0	0	0	0	0	0	14	21	23
Sudan	237	0	0	0	32	8	22	23	94	14	44
Zaire	70	1	4	9	12	7	10	7	7	8	5
Other	171	20	31	77	7	4	2	1	3	11	15

Table 85 (continued)
US Military Deliveries to the Less Developed Countries ^a*Million US \$*

	1975-84	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Latin America	1,864	144	219	211	125	122	139	101	239	233	331
Argentina	139	10	12	13	24	36	12	11	10	7	4
Brazil	272	46	90	14	12	16	15	15	14	29	21
Chile	146	13	40	57	11	15	10	0	0	0	0
Colombia	88	2	2	8	4	8	5	12	21	12	14
Ecuador	124	2	6	10	24	9	11	8	13	31	10
El Salvador	208	NEGL	1	NEGL	1	NEGL	2	13	59	47	85
Mexico	134	1	2	6	3	2	4	5	76	31	4
Peru	155	9	32	31	18	16	15	10	11	9	4
Venezuela	392	42	13	52	10	14	20	22	30	43	146
Other	206	19	21	20	18	6	45	5	5	24	43
Asia	13,357	1,963	756	1,200	1,068	1,082	1,329	1,504	1,390	1,525	1,540
India	90	3	10	10	11	11	9	5	6	6	19
Indonesia	435	21	35	37	22	30	117	77	29	41	26
Malaysia	385	32	19	44	66	22	24	58	29	51	40
Pakistan	1,266	14	16	44	53	63	57	89	151	261	518
Philippines	413	30	45	50	54	38	56	33	53	32	22
Singapore	464	13	22	22	14	91	29	75	44	105	49
South Korea	3,797	208	357	272	508	474	497	432	404	331	314
Taiwan	3,031	169	183	194	214	227	269	442	467	510	356
Thailand	1,449	52	69	54	113	98	248	271	171	183	190
Other	2,027	1,421	NEGL	473	13	28	23	22	36	5	6
Europe	1,656	61	148	205	121	118	128	236	290	176	173
Portugal	279	2	2	4	25	11	20	24	88	33	70
Spain	1,377	59	146	201	96	107	108	212	202	143	103

^a Fiscal years. Including deliveries under the following programs: (1) Military Assistance Program grants under the various Mutual Security Acts; (2) Foreign Military Sales, which consist of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (3) Military assistance excess stocks, which involved surplus equipment that has been valued at 33 percent of the original acquisition value.

Table 86
Military Personnel From the Less Developed Countries
Trained in Communist Countries, 1955-84 ^a

Number of persons

	Total	USSR	Eastern Europe	China		Total	USSR	Eastern Europe	China
Total	79,390	63,215	12,410	3,765	East Asia	9,300	7,590	1,710	...
Africa	29,130	20,405	5,820	2,905	Cambodia	30	30	...	...
North Africa	11,345	7,360	3,970	15	Indonesia	9,270	7,560	1,710	...
Algeria	3,570	2,795	760	15	Latin America	1,320	1,040	280	...
Libya	7,630	4,490	3,140	...	Nicaragua	405	125	280	...
Morocco	145	75	70	...	Peru	910	910	...	...
Sub-Saharan	17,785	13,045	1,850	2,890	Other	5	5	...	...
Angola	380	375	5	...	Middle East	26,790	22,565	3,855	370
Benin	120	120	NA	...	Egypt	6,390	5,665	675	50
Congo	1,075	535	125	415	Iran	875	315	530	30
Equatorial Guinea	200	200	...	...	Iraq	5,310	4,110	1,030	170
Ethiopia	2,120	1,600	520	NA	North Yemen	4,310	4,310	...	...
Ghana	245	210	35	...	South Yemen	1,585	1,395	90	100
Guinea	1,385	920	105	360	Syria	8,115	6,600	1,515	...
Mali	905	845	10	50	Other	205	170	15	20
Mozambique	580	400	130	50	South Asia	12,850	11,615	745	490
Nigeria	835	800	35	...	Afghanistan	8,380	7,725	655	...
Somalia	2,635	2,395	210	30	Bangladesh	485	445	...	40
Sudan	610	330	20	260	India	3,480	3,390	90	...
Tanzania	3,230	2,145	60	1,025	Pakistan	490	45	NA	445
Zambia	685	490	135	60	Sri Lanka	15	10	...	5
Other	2,780	1,680	460	640					

^a Data refer to the minimum number of persons departing for training. Numbers are rounded to nearest five.

Table 87
Military Personnel From the Less Developed Countries
Trained in Communist Countries, 1984 ^a

Number of persons

	Total	USSR	Eastern Europe	China		Total	USSR	Eastern Europe	China
Total	5,565	3,025	2,515	25	Mozambique	1,200	200	1,000	...
Africa	2,975	1,375	1,600	...	Nigeria	400	300	100	...
North Africa	450	250	200	...	East Asia	40	...	15	25
Algeria	250	150	100	...	Burma	40	...	15	25
Libya	200	100	100	...	Latin America	1,050	250	800	...
Sub-Saharan Africa	2,525	1,125	1,400	...	Nicaragua	1,050	250	800	...
Angola	300	200	100	...	Middle East	750	650	100	...
Congo	50	50	...	...	Iraq	600	500	100	...
Ethiopia	350	150	200	...	South Yemen	150	150	...	...
Ghana	30	30	...	...	South Asia	750	750	...	...
Guinea	140	140	...	...	Afghanistan	500	500	...	...
Guinea-Bissau	30	30	...	...	India	250	250	...	...
Mali	25	25	...	...			

^a Data refer to the minimum number of persons departing for training. Numbers are rounded to the nearest five.

Table 88 *Number of persons*
Communist Economic and Military Technicians
in Less Developed Countries, by Country, 1984 ^a

	Economic		Military	
	USSR and Eastern Europe	China	USSR and Eastern Europe	China
Total	125,960	41,755	21,335	535
Africa	83,335	8,305	10,175	380
North Africa	67,315	1,445	3,590	20
Algeria	10,750	500	790	20
Libya	53,800	55	2,800	NA
Mauritania	25	700	...	...
Morocco	2,325	75	...	...
Tunisia	415	115	...	...
Other	...	...	...	...
Sub-Saharan	16,020	6,860	6,585	360
Angola	2,625	10	1,700	...
Ethiopia	2,500	50	2,600	...
Gabon	10	80	...	...
Ghana	60	50	...	...
Guinea	820	100	60	...
Guinea-Bissau	210	75	55	...
Kenya	40	125	...	...
Madagascar	340	600	120	...
Mali	505	250	50	...
Mozambique	3,100	25	1,300	...
Niger	30	70	...	...
Nigeria	4,035	...	10	...
Rwanda	10	400	...	NA
Sao Tome/Principe	5	15	170	...
Senegal	55	100	...	...
Sierra Leone	10	100	...	...
Somalia	5	1,000	...	5
Sudan	100	400	5	55
Tanzania	175	535	65	75

Table 88 (continued) *Number of persons*
Communist Economic and Military Technicians
in Less Developed Countries, by Country, 1984 ^a

	Economic		Military	
	USSR and Eastern Europe	China	USSR and Eastern Europe	China
Zambia	345	100	50	20
Other	1,040	2,775	400	205
East Asia	60	180	...	...
Europe	75	300	...	...
Latin America	1,410	140	275	...
Bolivia	55	...	...	...
Brazil	130	...	...	...
Colombia	60	60	...	...
Nicaragua	475	...	160	...
Peru	245	10	115	...
Uruguay	10	...	...	...
Other	435	70	...	...
Middle East	33,110	32,100	8,310	115
Iran	1,785	...	50	...
Iraq	17,700	17,000	1,300	50
North Yemen	550	3,500	510	...
South Yemen	2,325	...	1,100	...
Syria	4,000	15	5,300	...
Other	6,750	11,585	50	65
South Asia	7,970	730	2,575	40
Afghanistan	5,250	...	2,025	...
Bangladesh	100	100	50	40
India	1,400	...	500	...
Nepal	10	350	...	...
Pakistan	1,150	175	...	...
Sri Lanka	55	100	...	...
Other	5	5	...	...

^a Minimum estimates of number of present for one month or more, rounded to the nearest five.

Table 89
Academic, Technical, and Military Trainees Departing
From Less Developed Countries for Training in Communist Countries,
by Area of Destination ^a

Number of persons

	1979	1980	1981	1982	1983	1984
Total trainees	19,030	20,700	19,900	22,990	26,900	29,475
USSR and Eastern Europe	18,965	20,610	19,750	22,760	26,495	29,065
China	65	90	150	230	405	410
Academic trainees	13,865	13,530	12,520	12,825	14,995	16,820
USSR and Eastern Europe	13,815	13,480	12,465	12,470	14,795	16,695
China	50	50	55	85	200	125
Technical trainees	2,975	3,745	4,805	5,110	5,715	5,565
USSR and Eastern Europe	2,975	3,745	4,805	5,035	5,665	5,540
China	...	...	...	75	50	25
Military trainees	2,190	3,425	2,575	5,055	6,190	7,090
USSR and Eastern Europe	2,175	3,385	2,480	4,985	6,035	6,830
China	15	40	95	70	155	260

^a Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

Table 90
East European Debt, by Source*Million US \$*

	1971	1975	1976	1977	1978	1980	1981	1982	1983	1984
Eastern Europe	9,249	29,817	37,714	46,287	59,323	83,500	85,841	80,568	81,600	80,795
Commercial	5,316	23,097	29,234	36,186	47,480	61,555	59,552	52,778	48,110	42,700
Official	3,584	5,779	7,015	8,462	9,848	18,665	21,305	21,110	26,122	30,106
IMF/World Bank/Other	349	941	1,465	1,639	1,995	3,280	4,984	6,680	7,368	7,989
Bulgaria	743	2,640	3,198	3,707	4,263	3,550	3,050	2,750	2,390	2,245
Commercial	442	2,453	2,878	3,394	3,935	3,215	2,680	2,285	1,915	1,750
Official	301	187	320	313	328	335	370	465	475	495
Czechoslovakia	485	1,132	1,862	2,616	3,206	4,920	4,500	4,050	3,950	3,500
Commercial	284	926	1,575	2,290	2,798	4,060	3,695	3,110	2,935	2,465
Official	201	206	287	326	408	860	805	940	1,015	1,035
East Germany	1,408	5,388	6,292	7,828	9,666	14,100	14,900	13,000	12,840	12,190
Commercial	693	4,423	5,217	6,528	8,166	11,255	11,610	9,460	8,875	7,920
Official	715	965	1,075	1,300	1,500	2,845	3,290	3,540	3,965	4,270
Hungary	1,071	3,135	4,049	5,024	7,290	9,090	8,700	7,700	8,260	8,260
Commercial	968	3,081	3,998	4,965	7,197	8,790	8,335	6,940	6,950	6,450
Official	103	54	51	59	93	300	365	525	740	810
BIS/IMF	0	0	0	0	0	0	0	235	570	1,000
Poland	1,138	8,014	11,483	13,967	17,844	25,000	25,500	24,800	26,400	28,100
Commercial	340	5,910	8,545	9,928	12,705	14,900	14,215	13,640	10,900	11,500
Official	798	2,104	2,938	4,039	5,139	10,100	11,285	11,160	15,500	16,600
Romania	1,227	2,924	2,902	3,605	5,221	9,400	10,160	9,780	8,760	7,900
Commercial	585	2,024	1,841	2,306	3,609	6,545	6,167	5,415	4,770	3,975
Official	642	706	659	715	800	1,670	1,845	1,430	875	1,135
IMF/World Bank/ CEMA Banks	0	194	402	584	812	1,185	2,148	2,935	3,115	2,790
Yugoslavia	3,177	6,584	7,928	9,540	11,833	17,440	19,031	18,488	19,000	18,600
Commercial	2,004	4,280	5,180	6,775	9,070	12,790	12,850	11,928	11,765	8,640
Official	824	1,557	1,685	1,710	1,580	2,555	3,345	3,050	3,552	5,761
IMF/World Bank	349	747	1,063	1,055	1,183	2,095	2,836	3,510	3,683	4,199

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Energy

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Table 91
Primary Energy Production ^a*Thousand barrels per day of oil equivalent*

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984
OECD											
United States	21,143	24,918	30,819	31,071	30,154	32,162	32,567	32,397	32,180	30,859	33,066
Canada	1,750	2,539	3,709	4,942	4,678	5,258	4,840	4,810	4,821	4,957	5,117
Japan	1,017	1,106	1,028	774	874	1,076	1,178	1,189	1,237	1,264	1,350
Norway	158	255	298	405	589	1,297	1,424	1,447	1,467	1,640	1,734
European Community	6,940	7,280	7,220	7,770	8,280	10,200	10,400	10,800	11,000	11,400	11,100
France	1,082	1,115	1,026	860	899	983	1,129	1,363	1,321	1,499	1,793
Netherlands	216	233	648	1,349	1,702	1,754	1,713	1,589	1,363	1,447	1,304
United Kingdom	2,693	2,682	2,348	2,453	2,571	4,125	4,242	4,417	4,715	4,995	4,325
West Germany	2,503	2,521	2,495	2,400	2,357	2,484	2,523	2,502	2,595	2,449	2,507
Other countries											
Indonesia	428	513	873	1,364	1,359	1,920	1,933	1,967	1,693	1,938	1,882
Iran	1,126	1,977	3,920	6,267	5,802	3,564	1,821	1,520	2,448	2,683	2,397
Kuwait	1,766	2,451	3,138	3,171	2,225	2,773	1,830	1,273	925	1,194	1,243
Mexico	445	548	825	944	1,226	2,244	2,934	3,259	3,730	3,853	3,862
Saudi Arabia	1,405	2,313	3,929	7,763	7,312	10,046	10,469	10,641	7,100	5,557	5,091
Venezuela	2,940	3,632	3,945	3,717	2,690	2,784	2,539	2,488	2,311	2,279	2,236
Communist countries											
USSR and Eastern Europe	13,100	17,800	22,400	25,100	27,700	32,600	33,300	33,700	34,900	35,700	36,600
USSR	9,250	13,227	17,074	19,541	21,906	26,298	27,029	27,694	28,487	29,193	30,004
Eastern Europe	3,870	4,570	5,280	5,550	5,840	6,330	6,250	5,980	6,370	6,470	6,560
Bulgaria	109	144	151	133	143	169	175	186	203	210	212
Czechoslovakia	761	865	906	898	907	979	967	963	985	996	1,000
East Germany	1,027	1,113	1,172	1,105	1,126	1,198	1,220	1,260	1,289	1,304	1,384
Hungary	207	254	277	276	270	287	281	279	289	293	305
Poland	1,278	1,531	1,895	2,133	2,294	2,600	2,493	2,138	2,435	2,476	2,525
Romania	487	666	879	1,009	1,096	1,098	1,115	1,155	1,165	1,193	1,136
Other											
China	NA	2,682	4,131	5,476	6,776	8,995	8,856	8,816	9,315	9,900	10,700
North Korea	120	210	365	435	455	635	725	750	770	805	820
Yugoslavia	202	286	330	362	402	496	532	552	572	587	609

^a Data are for coal, crude oil, natural gas, natural gas liquids, equivalent, and exclude minor fuels such as peat, shale, and hydroelectric and nuclear electric power expressed in terms of oil fuelwood.

Table 92
Primary Energy Consumption ^a*Thousand barrels per day of oil equivalent*

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983
OECD	37,800	47,600	63,100	71,900	69,500	79,100	77,200	75,300	71,900	72,100
United States	20,628	24,782	31,416	35,017	34,068	38,804	37,846	36,944	34,908	34,914
Canada	1,960	2,417	3,079	3,681	3,787	4,448	4,590	4,508	4,222	4,238
Japan	1,931	3,179	5,758	7,070	6,874	7,715	7,487	7,289	7,075	7,132
Norway	186	267	360	404	406	492	485	496	483	510
Spain	433	574	939	1,192	1,285	1,559	1,494	1,452	1,460	1,482
European Community	10,800	13,700	17,800	20,100	18,600	20,900	20,100	19,400	18,600	18,600
Belgium ^b	588	751	968	1,090	971	1,102	1,055	990	926	900
France	1,840	2,364	3,143	3,730	3,440	4,036	4,019	3,923	3,744	3,791
Italy	1,058	1,617	2,450	2,791	2,663	2,980	2,914	2,861	2,738	2,699
Netherlands	487	735	1,155	1,476	1,394	1,606	1,507	1,422	1,281	1,317
United Kingdom	3,506	3,962	4,530	4,736	4,321	4,442	4,189	3,997	3,904	3,893
West Germany	2,960	3,762	4,876	5,473	5,006	5,788	5,544	5,331	5,088	5,117
Communist countries										
USSR and Eastern Europe	12,300	16,400	20,800	23,800	25,900	30,500	31,200	31,300	32,100	32,800
USSR	8,499	11,619	14,871	17,183	18,832	22,148	22,729	23,080	23,729	24,376
Eastern Europe	3,800	4,800	5,950	6,620	7,110	8,340	8,450	8,260	8,380	8,380
Bulgaria	132	254	391	470	526	640	646	667	689	703
Czechoslovakia	798	986	1,136	1,243	1,298	1,498	1,470	1,472	1,472	1,478
East Germany	1,171	1,336	1,491	1,538	1,576	1,798	1,835	1,835	1,836	1,827
Hungary	269	360	431	475	509	605	598	584	587	581
Poland	1,053	1,295	1,653	1,863	2,078	2,466	2,533	2,343	2,440	2,419
Romania	376	565	844	1,031	1,125	1,330	1,366	1,359	1,356	1,370
Other										
China	4,226	2,646	4,100	5,475	6,356	8,202	8,438	8,316	8,671	9,191
Yugoslavia	227	331	448	542	598	791	831	825	836	898

^a Data are for coal, crude oil, natural gas liquids, natural gas, and hydroelectric and nuclear electricity expressed in terms of oil equivalent. Data exclude minor fuels such as peat, shale, and fuelwood and include marine bunkers.

^b Including data for Luxembourg.

Table 93
Primary Energy Production, by Type ^a*Thousand barrels per day of oil equivalent*

	1970				1980				1984			
	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear
OECD												
United States	7,359	11,380	10,686	1,394	9,785	10,170	9,838	2,774	10,380	10,294	9,009	3,383
Canada	171	1,625	1,110	803	437	1,754	1,202	1,447	682	1,741	980	1,714
Japan	538	18	45	427	244	10	39	885	225	8	37	1,080
European Community												
France	523	68	118	317	284	51	129	665	230	53	183	1,327
Netherlands	59	43	544	2	0	35	1,657	21	0	66	1,219	19
United Kingdom	1,992	2	194	160	1,762	1,639	629	212	694	2,633	692	306
West Germany	1,999	152	224	120	1,789	93	327	314	1,622	79	258	548
Other countries												
Indonesia	2	855	10	6	5	1,596	319	13	5	1,506	356	15
Iran	7	3,870	35	8	12	1,672	122	15	12	2,195	175	15
Kuwait	0	3,050	88	0	0	1,759	71	0	0	1,172	71	0
Mexico	40	475	234	76	90	2,129	634	81	90	3,012	670	90
Saudi Arabia	0	3,890	39	0	0	10,272	197	0	0	4,974	117	0
Venezuela	1	3,753	170	21	1	2,225	239	74	1	1,863	297	75
Communist countries												
USSR	6,077	7,058	3,279	660	6,652	12,031	7,172	1,174	6,649	12,226	9,678	1,451
Eastern Europe												
Bulgaria	125	7	8	12	116	3	3	53	130	2	1	79
Czechoslovakia	861	4	17	23	905	2	9	51	932	2	6	60
East Germany	1,150	1	10	12	1,082	1	53	84	1,242	1	56	85
Hungary	182	39	56	1	140	41	99	1	134	40	111	20
Poland	1,790	8	84	11	2,364	7	104	18	2,402	4	100	19
Romania	125	281	460	13	178	241	639	57	208	240	638	50
Other												
China	3,298	590	71	172	6,198	2,076	254	329	7,770	2,280	220	430
North Korea	315	0	0	50	660	0	0	65	750	0	0	70
Yugoslavia	164	56	18	93	254	85	31	162	320	81	33	175

^a Data are for coal, crude oil, (including natural gas liquids), natural gas, hydroelectric and nuclear electric power expressed in terms of oil equivalent, and exclude minor fuels such as peat, shale, and fuelwood.

Table 94
Proved Reserves of Crude Oil, Natural Gas,
and Coal, Yearend 1984^a

	Crude Oil ^b (Billion barrels)	Natural Gas ^b (Trillion cubic feet)	Coal ^c (Million metric tons)		Crude Oil ^b (Billion barrels)	Natural Gas ^b (Trillion cubic feet)	Coal ^c (Million metric tons)
OECD				Other countries (continued)			
United States	27	198	102,000	Nigeria	17	36	100
Canada	7	92	4,900	Oman	4	7	0
Norway	8	89	NA	Qatar	3	65	0
European Community				Saudi Arabia	169	123	0
United Kingdom	14	28	14,000	South Africa	NEGL	NEGL	30,000
West Germany	NEGL	6	12,000	Syria	2	1	0
Other countries				United Arab Emirates	31	29	0
Algeria	9	109	NA	Venezuela	26	55	750
Brazil	2	3	900	Communist countries			
Ecuador	1	3	0	USSR and Eastern Europe			
Egypt	3	7	NEGL	USSR	60-80 ^d	1,200	173,800
India	4	15	16,650	Eastern Europe			
Indonesia	9	40	2,600	Poland	NEGL	5	37,000
Iran	49	479	200	Romania	1	9	400
Iraq	43	29	0	Other			
Kuwait	70	33	0	North Korea	0	0	10,000
Libya	21	21	0	Yugoslavia	NEGL	1	8,700
Mexico	49	77	1,000				

^a The portion of total resources which has been assessed as being exploitable under local economic conditions and available technology.

^b Source for Non-Communist countries: *Oil and Gas Journal*.

^c Yearend 1983. Data are expressed in terms of coal equivalent (7,000 kilocalories per kilogram) and include anthracite, bituminous and subbituminous coal, and brown coal/lignite.

^d The Soviets do not publish reserve statistics on oil. Most recent published US and Western European estimates fall within this range.

Table 95
Crude Oil Production ^a*Thousand barrels per day*

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984
OECD ^b	7,860	9,010	11,500	11,800	10,800	12,800	12,900	12,900	13,300	13,800	14,300
United States	7,055	7,804	9,648	9,208	8,375	8,550	8,597	8,572	8,658	8,680	8,735
Canada	526	793	1,305	1,800	1,439	1,496	1,424	1,285	1,270	1,356	1,411
Norway	0	0	0	32	189	403	528	501	518	614	700
European Community	221	309	264	212	196	1,750	1,810	2,020	2,330	2,560	2,830
United Kingdom	3	2	2	2	2	1,568	1,619	1,811	2,094	2,299	2,535
Other countries											
Algeria	183	544	976	1,065	945	1,154	1,020	803	701	699	638
Indonesia	411	501	855	1,339	1,307	1,591	1,576	1,604	1,324	1,385	1,466
Iran	1,068	1,895	3,831	5,861	5,350	3,168	1,662	1,381	2,282	2,492	2,187
Iraq	1,004	1,311	1,563	2,018	2,262	3,477	2,514	993	972	922	1,203
Kuwait ^c	1,696	2,362	2,983	3,018	2,085	2,497	1,661	1,132	822	1,076	1,117
Libya	0	1,238	3,321	2,175	1,480	2,092	1,830	1,137	1,183	1,076	1,073
Mexico	271	328	420	465	705	1,461	1,936	2,321	2,746	2,666	2,746
Nigeria	17	263	1,090	2,054	1,783	2,302	2,058	1,445	1,298	1,241	1,393
Saudi Arabia ^c	1,315	2,204	3,789	7,600	7,075	9,535	9,903	9,810	6,486	5,062	4,649
United Arab Emirates	0	282	691	1,533	1,663	1,831	1,702	1,500	1,248	1,119	1,097
Venezuela	2,846	3,473	3,708	3,366	2,346	2,356	2,165	2,108	1,893	1,781	1,813
Communist countries											
USSR and Eastern Europe	3,210	5,140	7,300	8,710	9,920	11,700	12,000	12,100	12,100	12,100	12,000
USSR	2,943	4,835	6,976	8,370	9,570	11,405	11,700	11,800	11,830	11,864	11,728
Eastern Europe	266	304	327	342	349	300	284	285	287	281	278
Bulgaria	4	5	7	4	2	3	3	3	3	2	2
Czechoslovakia	3	4	4	3	3	2	2	2	2	2	2
East Germany	1	1	1	1	1	1	1	1	1	1	1
Hungary	24	36	39	40	40	41	41	40	41	40	40
Poland	4	7	8	8	11	7	7	6	5	4	4
Romania	230	251	268	286	292	246	230	233	235	232	229
Other											
Albania	15	16	30	34	37	NA	NA	NA	NA	NA	NA
China	102	228	602	1,138	1,542	2,123	2,113	2,024	2,044	2,120	2,280
Cuba	1	1	3	3	5	5	5	5	11	15	15
Yugoslavia	18	40	57	68	74	83	85	88	87	83	83

^a Unless otherwise indicated, data are for crude oil and exclude natural gas liquids, shale oil, natural gasoline, and synthetic crude oil.

^b Including shale oil.

^c Including about one-half of Neutral Zone production.

Table 96
Crude Oil Refining Capacity
1 January 1985

Thousand barrels per day

OECD	38,639	Indonesia	800	Trinidad and Tobago	320
United States	15,400	Iran	590	Virgin Islands	545
Australia	697	Iraq	350	Communist countries	
Canada	1,868	Kuwait	622	USSR and Eastern Europe	13,030
Japan	4,813	Libya	180	USSR	10,500
Spain	1,493	Nigeria	260	Eastern Europe	2,530
European Community	12,472	Qatar	63	Bulgaria	300
Belgium	693	Saudi Arabia	1,140	Czechoslovakia	450
France	2,386	Venezuela	1,224	East Germany	450
Italy	3,095	Other		Hungary	300
Netherlands	1,498	Argentina	678	Poland	380
United Kingdom	2,007	Bahamas	350	Romania	650
West Germany	2,171	Brazil	1,305	Other	
OPEC	6,007	Egypt	369	China	2,160
Abu Dhabi	185	India	705	Cuba	139
Algeria	465	Mexico	1,269	North Korea	74
Ecuador	84	Netherlands Antilles	740	Yugoslavia	530
Gabon	44	Singapore	1,072		

Table 97
Oil Consumption

Thousand barrels per day

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984
United States	9,795	11,515	14,695	17,310	16,320	18,515	17,005	16,060	15,295	15,185	15,710
Japan	590	1,750	4,000	5,390	4,965	5,500	5,000	4,695	4,500	4,330	4,495
Canada	835	1,115	1,485	1,755	1,660	1,850	1,815	1,720	1,575	1,425	1,445
Western Europe	4,010	7,660	12,400	14,700	13,000	14,200	13,300	12,300	11,800	11,500	11,500
Belgium, Luxembourg, Netherlands	420	835	1,290	1,470	1,195	1,390	1,310	1,195	1,085	1,000	1,000
France	580	1,115	1,950	2,485	2,195	2,405	2,255	2,010	1,870	1,800	1,755
Italy	475	1,040	1,760	2,080	1,915	2,035	1,950	1,875	1,770	1,715	1,640
Spain ^a	120	255	540	760	890	1,050	1,060	1,010	1,000	1,000	895
United Kingdom	975	1,475	2,030	2,270	1,875	1,900	1,635	1,495	1,575	1,480	1,805
West Germany	660	1,570	2,570	2,985	2,565	2,905	2,605	2,330	2,230	2,205	2,205
Other	780	1,370	2,260	2,640	2,400	2,505	2,535	2,385	2,305	2,275	2,165

^a Including the Canary Islands.

Table 98
Major Exporters of Oil ^a*Thousand barrels per day*

	1970	1971	1972	1973	1975	1979	1980	1981	1982	1983	1984
Non-Communist countries ^b											
United Arab Emirates	777	1,055	1,203	1,522	1,661	1,818	1,697	1,440	1,104	1,001	973
Algeria	985	693	1,007	1,029	940	1,031	868	708	607	554	483
Indonesia	725	749	943	1,167	1,095	1,270	1,197	1,191	868	910	949
Iran	3,519	4,173	4,675	5,424	4,886	2,580	952	816	1,644	1,920	1,576
Iraq	1,499	1,622	1,437	1,933	2,096	3,309	2,494	697	743	676	943
Kuwait ^c	2,831	3,009	3,136	2,847	1,991	2,372	1,551	1,005	669	907	955
Libya	3,313	2,747	2,215	2,210	1,478	2,051	1,776	1,049	1,050	958	947
Mexico	0	0	0	0	95	533	828	1,098	1,492	1,537	1,600
Nigeria	1,055	1,495	1,759	1,993	1,719	2,234	2,034	1,272	1,088	1,024	1,162
Saudi Arabia ^c	3,564	4,481	5,764	7,346	6,789	9,051	9,309	9,142	5,642	4,218	3,760
Venezuela	3,470	3,282	3,065	3,150	2,086	2,094	1,837	1,761	1,553	1,357	1,362
Communist countries											
USSR ^d	1,920	2,110	2,140	2,380	2,600	3,280	3,270	3,220	3,390	3,670	3,770

^a Including refined products.^c Including one-half of neutral zone production.^b Excluding bunkers.^d Gross basis.**Table 99**
Major Importers of Oil*Thousand barrels per day*

	1970	1971	1972	1973	1975	1979	1980	1981	1982	1983	1984
OECD											
United States	3,419	3,926	4,741	6,256	6,056	8,388	6,767	5,982	5,113	5,051	5,381
Japan	4,206	4,442	4,839	5,576	5,008	5,635	5,091	4,650	4,451	4,313	4,474
France	2,146	2,333	2,557	2,875	2,278	2,762	2,549	2,177	1,977	1,851	1,790
Italy	2,345	2,426	2,485	2,669	2,121	2,435	2,152	2,126	2,051	1,842	1,934
West Germany	2,676	2,764	2,880	3,001	2,509	2,972	2,692	2,278	2,224	2,186	2,162
Communist countries											
Bulgaria	172	203	214	241	254	309	312	318	323	308	310
Czechoslovakia	218	250	273	310	339	396	403	396	363	357	357
East Germany	209	222	308	323	343	417	445	462	437	456	454
Hungary	107	114	136	151	188	233	206	187	204	207	205
Poland	189	204	241	285	330	410	415	349	327	350	355
Romania	46	57	57	83	102	286	319	254	218	245	250

Table 100
Imports of Crude Oil and Refined Products
by the OECD Countries, 1984

Thousand barrels per day

	OECD	US	Japan	Canada	Western Europe								Austra- lia	New Zealand
					Total	West Ger- many	France	United King- dom	Italy	Nether- lands	Spain	Other		
Algeria	855	318	7	24	506	80	143	33	59	96	24	71	0	0
Bahrain	48	0	23	0	18	0	1	1	0	16	0	0	7	0
Egypt	274	10	13	0	251	27	51	2	136	7	21	7	0	0
Iraq	535	11	14	0	510	40	72	8	97	21	69	203	0	0
Kuwait	537	36	146	0	315	25	18	16	109	91	3	53	39	1
Libya	869	0	0	5	864	194	74	23	253	40	86	194	0	0
Qatar	355	5	236	0	110	10	42	2	18	16	22	0	4	0
Saudi Arabia	2,623	322	1,356	0	876	93	198	56	204	37	76	212	55	14
United Arab Emirates	1,026	117	630	0	259	22	87	3	52	3	77	15	20	0
OAPEC	7,122	819	2,425	29	3,709	491	686	144	928	327	378	755	125	15
Ecuador	55	55	0	0	0	0	0	0	0	0	0	0	0	0
Gabon	116	56	0	0	60	6	25	6	1	4	18	0	0	0
Indonesia	969	342	574	0	14	0	NEGL	5	1	2	5	1	25	14
Iran	1,133	10	272	8	843	48	68	56	190	154	117	210	0	0
Nigeria	1,015	214	0	21	780	190	190	43	121	71	53	112	0	0
Venezuela	921	536	19	81	285	87	19	28	81	8	18	44	NEGL	0
OPEC ^a	11,009	2,022	3,254	139	5,422	795	936	279	1,186	543	568	1,115	143	29
Mexico	1,351	739	165	45	402	0	71	18	35	74	187	17	0	0
Other ^b	4,800 ^c	2,610	1,019	149	2,492 ^d	1,386	833	802	470	890	219	1,917	50	34
Total	17,482 ^c	5,381	4,474	333	8,585 ^d	2,208	1,892	1,102	1,827	1,530	995	3,056	200	63
Consumption	33,785	15,710	4,495	1,445	11,465	2,205	1,755	1,805	1,640	595	895	2,570	595	80

^a OAPEC members excluding Bahrain and Egypt, plus other countries shown.

^b Including unknown.

^c Excluding intra-OECD trade.

^d Excluding intra-European trade.

Table 101
Natural Gas Production ^a*Billion cubic feet*

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984
OECD ^b	13,700	18,200	27,100	31,100	29,500	31,500	30,100	29,800	27,900	26,300	27,600
United States ^c	12,770	16,040	21,920	21,600	20,110	20,470	20,180	19,995	18,520	16,820	18,480
Canada	525	1,440	2,275	3,120	3,090	3,345	2,465	2,430	2,500	2,505	2,010
Norway	0	0	0	0	10	905	885	900	895	895	910
European Community	356	613	2,690	5,010	5,950	6,240	6,080	5,910	5,360	5,540	5,550
Netherlands	12	57	1,117	2,640	3,385	3,490	3,400	3,155	2,685	2,855	2,500
United Kingdom	NEGL	4	398	1,020	1,275	1,365	1,290	1,285	1,265	1,405	1,420
West Germany	16	98	465	550	515	630	670	680	595	500	530
Other countries											
Algeria	NEGL	62	160	170	335	550	410	770	940	1,315	1,260
Indonesia	NA	NA	NA	30	80	555	655	665	675	775	730
Mexico ^d	222	250	481	540	585	920	1,300	1,070	1,120	1,480	1,375
Venezuela	163	250	349	460	450	465	490	510	600	550	610
Communist countries ^e											
USSR and Eastern Europe	2,040	5,230	8,250	10,000	12,000	16,300	17,300	18,400	19,700	20,900	22,700
USSR ^c	1,600	4,508	6,990	8,346	10,215	14,359	15,370	16,421	17,685	18,921	20,721
Eastern Europe	435	722	1,260	1,660	1,800	1,950	1,950	2,000	2,010	2,020	1,960
Bulgaria	0	3	17	8	4	5	7	5	5	5	5
Czechoslovakia	51	34	43	37	33	39	23	23	23	22	21
East Germany	1	5	44	248	257	300	300	300	300	300	300
Hungary	12	39	123	170	183	230	217	212	234	229	244
Poland	19	49	183	213	211	259	224	218	195	193	214
Romania	352	592	847	989	1,115	1,117	1,179	1,239	1,252	1,275	1,176
Other											
China	NA	39	136	226	325	512	504	444	411	411	438
Yugoslavia	2	12	35	47	55	66	64	78	81	76	71

^a Data include only gas from natural gas wells and associated gas from petroleum fields.

^b Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They exclude gas used for reinjection, as well as gas flared, vented, or wasted, whether or not it has been processed for the extraction of natural gasoline.

^c Data for the United States are in terms of net marketed production. Data for the USSR refer to gross production less losses and waste. US gross production (less losses and waste), which includes gas reinjected in order to maintain reservoir pressure, would be as follows (in billion cubic feet):

1960 1965 1970 1973 1975 1979
14,510 17,660 23,790 24,065 21,105 21,885

1980 1981 1982 1983 1984
21,870 21,585 20,210 18,320 20,150

A much smaller share of total production in the USSR is believed to be used for reinjection.

^d Including gas used for repressuring and gas wasted.

^e Gross production.

Table 102
Hard Coal Production ^a*Million metric tons*

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984
OECD	923	992	983	914	953	1,050	1,100	1,100	1,130	1,080	1,120
United States	391.53	475.28	550.39	530.13	576.18	670.62	710.38	700.84	712.38	657.98	749.84
Australia	21.90	30.06	45.21 ^b	55.48 ^b	60.70	73.42	73.63	87.38	96.79	109.08	126.00
Canada	8.02	8.64	11.60	16.82	21.71	28.01	30.58	33.28	35.32	37.05	47.46
Japan ^c	51.07	49.53	39.69	22.41	19.00	17.64	18.03	17.69	17.61	17.06	16.64
Spain	13.78	12.94	10.75	10.00	10.82	11.86	13.15	14.27	15.59	15.29	15.13
European Community	432	409	317	272	257	240	251	242	245	232	157
Belgium	22.47	19.79	11.36	8.84	7.89	6.12	6.32	6.13	6.54	6.10	6.10
France	55.96	51.35	37.36	26.35	23.64	18.61	20.20	20.30	17.06	17.00	16.25
United Kingdom ^d	196.71	190.50	147.11	132.02	128.68	122.36	130.09	127.46	124.72	119.22	51.25
West Germany ^e	143.26	135.46	116.34	102.99	96.76	93.31	94.49	88.46	96.31	89.62	83.02
Other countries											
India	52.59	67.16	73.69	77.87	95.89	103.45	109.10	122.45	128.32	134.83	145.00
South Africa	38.17	48.46	54.61	62.35	69.44	105.48	116.04	131.18	136.91	139.01	NA
South Korea	5.35	10.25	12.39	13.57	17.58	18.20	18.54	19.99	20.23	18.95	20.64
Communist countries											
USSR and Eastern Europe	496	556	613	657	696	737	725	683	716	716	713
USSR	355.92	397.64	432.72	461.22	485.00	497.00	493.00	481.00	488.00	487.00	484.00
Eastern Europe	140	158	180	196	211	240	232	202	228	229	229
Bulgaria	0.57	0.55	0.40	0.35	0.33	0.27	0.27	0.24	0.24	0.24	0.24
Czechoslovakia	26.40	27.76	28.20	27.78	28.12	28.11	27.68	27.51	27.50	26.91	26.42
East Germany	2.72	2.21	1.05	0.75	0.54	0.05	NEGL	NEGL	NEGL	NEGL	NEGL
Hungary	2.85	4.36	4.15	3.41	3.02	3.00	3.07	3.07	3.04	2.83	2.57
Poland	104.44	118.83	140.10	156.63	171.62	200.94	193.12	163.02	189.31	191.09	191.60
Romania	3.40	4.66	6.40	7.17	7.32	8.11	8.06	8.29	8.34	7.79	8.46
Other											
China ^f	280.00	232.20	327.40	398.10	478.00	635.00	620.00	622.00	666.00	700.00	772.00
North Korea ^f	6.80	12.30	21.80	26.40	27.30	39.50	45.60	47.20	48.80	50.40	52.00
Yugoslavia	1.28	1.17	0.64	0.58	0.60	0.43	0.39	0.38	0.39	0.39	0.39

^a Unless otherwise indicated, data are for net production of anthracite and bituminous coal.

^b Twelve months ending 30 June of the stated year.

^c Including brown coal.

^d Excluding data for Northern Ireland.

^e Including low-quality coal at its hard-coal equivalent.

^f Raw production. Including a negligible amount of brown coal.

Table 103
Brown Coal and Lignite Production

Million metric tons

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984
OECD	111	155	166	190	210	263	272	290	296	303	318
United States	2.49	4.56	7.21	12.88	17.71	38.01	42.31	46.47	47.94	51.52	57.68
Australia	15.21	20.99	24.18 ^a	24.68 ^a	28.18	32.54	32.89	32.89	37.81	34.09	34.60
Austria	5.97	5.45	3.67	3.63	3.40	2.74	2.87	3.06	3.30	3.04	2.90
Canada	1.97	1.87	3.46	3.65	3.55	5.02	5.98	6.80	7.49	7.76	9.91
Spain	1.76	2.77	2.83	3.00	3.38	10.69	15.46	20.68	23.50	24.30	24.42
Turkey	1.91	3.09	4.44	5.73	7.11	14.96	15.05	17.05	16.16	22.79	24.30
European Community	104	113	120	136	146	159	158	163	160	159	164
Greece	2.49	5.09	8.08	13.57	18.41	23.57	23.20	27.31	27.29	30.34	32.38
West Germany	96.22	101.91	107.77	118.66	123.38	130.61	129.86	130.64	127.31	124.28	126.74
Other countries											
India	0.05	2.30	3.54	3.32	2.79	3.25	4.55	5.96	6.67	7.30	7.80
Communist countries											
USSR and Eastern Europe ^b	469	550	587	588	602	627	630	635	656	669	704
USSR	134.21	147.44	144.74	153.47	160.00	161.00	160.00	157.00	159.00	155.00	154.00
Eastern Europe	335	403	442	434	442	466	470	478	497	514	550
Bulgaria	15.42	24.49	28.85	26.46	27.52	27.96	29.95	28.98	31.97	33.56	33.76
Czechoslovakia	57.89	72.33	81.30	81.25	86.27	96.21	95.73	95.29	98.84	100.47	102.86
East Germany	225.47	250.84	261.48	246.25	246.71	256.06	258.10	266.73	276.04	278.00	296.00
Hungary	23.68	27.08	23.68	23.37	21.87	22.66	22.64	22.88	23.04	22.39	22.47
Poland	9.33	22.63	32.77	39.22	39.87	38.08	36.87	35.54	37.65	42.52	58.90
Romania	3.36	5.63	14.13	17.68	19.77	24.66	27.10	28.64	29.56	36.73	35.82
Other											
North Korea ^c	3.80	5.50	5.70	6.60	7.70	12.50	14.40	15.80	16.20	16.90	17.20
Yugoslavia	21.43	28.79	27.78	31.87	34.94	41.68	46.61	51.53	54.20	58.20	65.04

^a Twelve months ending 30 June of the year stated.

^b Net output.

^c Including unknown amounts of hard coal.

Billion kilowatt-hours

Table 104
Electricity Production ^a

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984
OECD ^b	1,710	2,430	3,520	4,300	4,400	5,260	5,240	5,290	5,220	5,430	5,700
United States ^c	893.72	1,229.64	1,742.73	2,086.28	2,131.06	2,472.14	2,437.82	2,447.98	2,386.69	2,459.24	2,574.07
Of which: Hydro	149.12	196.98	250.70	275.33	303.15	281.55	276.02	260.68	309.21	332.13	321.15
Australia	23.20	36.91	53.89	64.80	73.93	92.09	96.32	102.46	104.89	109.19	116.30
Canada	115.10	146.32	208.34	268.64	278.74	361.32	376.05	389.00	385.95	405.41	435.26
Japan	111.49	188.38	359.54	470.29	475.79	589.64	577.52	583.25	581.15	618.00	644.00
Norway	31.14	48.95	57.61	73.06	77.48	89.12	84.10	92.77	91.87	104.74	106.62
Spain	18.61	31.72	56.49	76.27	82.38	105.41	110.32	110.70	113.77	114.28	117.06
Sweden	34.72	49.11	60.64	78.08	80.57	95.06	96.25	102.98	99.48	109.08	123.20
European Community	428	622	866	1,050	1,050	1,270	1,260	1,260	1,250	1,290	1,370
France	75.01	105.58	146.97	182.36	185.31	241.13	243.29	260.76	262.25	297.20	332.80
Italy	56.24	82.97	117.42	145.52	147.33	180.53	185.74	181.75	183.72	180.71	183.50
Netherlands	16.52	25.01	40.86	52.63	54.26	64.45	64.80	64.06	60.31	59.65	63.20
United Kingdom	136.97	196.50	249.11	281.87	271.99	299.87	284.94	277.74	272.12	276.20	282.37
West Germany	116.42	172.34	242.61	299.00	301.80	374.22	368.77	368.77	366.86	371.84	394.28
Communist countries											
USSR and Eastern Europe	406	677	987	1,220	1,380	1,640	1,710	1,750	1,800	1,860	1,960
USSR	292.27	506.67	740.93	914.61	1,038.61	1,238.20	1,293.88	1,326.03	1,367.10	1,418.10	1,493.00
Of which: Hydro	50.91	81.43	124.38	122.34	125.99	172.02	183.89	186.74	174.70	180.36	184.00
Eastern Europe	114	170	246	301	340	404	420	422	429	446	466
Bulgaria	4.66	10.25	19.52	21.96	25.24	32.48	34.84	36.97	40.44	42.62	44.59
Czechoslovakia	24.46	34.19	45.16	53.47	59.28	68.09	72.73	73.50	74.70	76.28	78.35
East Germany	40.30	53.61	67.65	76.91	84.51	96.85	98.81	100.70	102.92	104.93	110.00
Hungary	7.62	11.18	14.54	17.64	20.46	24.51	23.87	24.29	24.52	25.70	26.23
Poland	29.26	43.77	64.53	84.27	97.17	117.47	121.86	115.01	117.58	125.81	134.80
Romania	7.65	17.22	35.09	46.78	53.72	64.93	67.49	71.12	68.90	70.20	71.60
Other											
Albania	0.19	0.34	0.96	1.55	1.66	2.80	NA	NA	NA	NA	NA
China	NA	67.60	115.90	166.80	195.80	281.95	300.62	309.28	327.70	351.40	374.60
Cuba	2.90	3.57	4.89	5.60	6.58	9.40	9.90	10.57	11.02	11.40	12.30
North Korea	9.00	11.00	14.00	16.00	18.00	22.00	23.00	24.00	25.00	26.00	27.00
Yugoslavia	8.93	15.52	26.02	35.06	40.04	54.97	59.44	60.37	62.14	65.78	73.95

^a Data are for total (gross) production at generating centers and therefore include transmission losses and station use (see footnote b).

^b Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5 percent

the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.

^c Beginning in 1980, data are for public utilities only.

Table 105
Installed Electricity Generating Capacity ^a

Million kilowatts

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984
OECD											
United States ^b	186.53	254.52	360.33	459.25	527.35	615.69	630.94	634.81	650.10	658.18	672.46
Canada	23.03	29.35	42.83	54.38	61.35	77.23	82.00	83.75	85.55	89.53	NA
Japan ^c	23.64 ^d	38.06	59.48	85.30	104.21	131.22	137.94	143.70	150.00	154.65	159.23
Norway	6.61	9.92	12.91	15.44	16.93	18.94	20.25	21.64	22.37	22.76	NA
Spain	6.57	10.17	17.91	23.20	25.76	27.91	29.32	31.02	31.63	NA	NA
Sweden	8.96	12.04	15.31	19.46	23.14	25.77	27.42	29.30	29.68	30.70	NA
European Community											
France	21.17 ^e	26.97 ^e	36.22	43.09	46.29	56.38	62.73	70.83	73.80	77.99	NA
Italy	16.31 ^e	23.82 ^e	30.41	36.51	39.10	44.34	46.13	47.27	49.56	51.07	NA
Netherlands	5.18	7.29	10.11	12.46	15.45	16.76	17.15	17.64	16.71	16.76	NA
United Kingdom	36.60 ^e	49.29 ^e	62.06	72.65	73.92	74.33	73.75	71.70	72.45	72.69	NA
West Germany	28.38 ^e	40.60 ^e	47.54	58.50	70.11	82.79	82.59	84.86	85.67	86.94	NA
Communist countries											
USSR and Eastern Europe											
USSR	66.72	115.03	166.15	195.56	217.48	245.28	266.71	276.72	285.49	293.56	305.00
Eastern Europe											
Bulgaria	0.92	2.16	4.12	5.11	7.06	7.99	8.20	9.06	9.50	9.63	NA
Czechoslovakia	5.72	8.21	10.81	12.12	13.64	16.37	16.65	17.96	18.91	NA	NA
East Germany	7.84	10.31	12.57	15.04	16.93	19.44	20.45	21.37	21.86	21.79	NA
Hungary	1.48	2.00	2.73	3.23	4.29	5.24	5.41	5.34	5.65	NA	NA
Poland	6.32	9.67	13.89	17.73	20.06	24.79	25.29	25.52	26.84	27.88	NA
Romania	1.78	3.26	7.35	10.12	11.58	15.60	16.11	16.60	16.91	17.99	NA
Other											
China	NA	15.08	23.77	33.92	43.41	63.02	65.87	69.29	72.36	76.64	79.86
Cuba ^f	0.94	0.96	1.30	1.30	1.40	2.17	2.62	2.63	2.83	NA	NA
North Korea	1.79	2.12	2.80	4.00	4.60	5.04	5.04	5.04	6.10	6.30	6.50
Yugoslavia	2.40	3.73	6.97	8.65	9.39	12.89	14.08	15.30	16.00	NA	NA

^a All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.

^b Beginning in 1981, data are for public utilities only.

^c Capacity as of 31 March of the stated year.

^d Capacity as of 31 March 1961.

^e Gross capacity.

^f Including 410,000-kW capacity in industrial plants not linked to the national grid system.

Table 106
Installed Nuclear Electric Generating Capacity ^a*Thousand megawatts*

	1960	1970	1975	1979	1980	1981	1982	1983	1984
OECD	0.9	14.3	62.7	106	113	128	134	146	166
United States	0.4	6.0	37.4	50.3	52.2	55.3	57.6	60.4	67.1
Canada	0	0.2	2.5	5.5	5.5	5.2	5.2	7.2	7.6
Japan	0	0.8	5.0	14.5	14.5	15.0	16.6	16.6	19.0
Finland	0	0	0	1.1	1.1	2.2	2.2	2.2	2.3
Spain	0	0.2	1.1	1.1	1.1	2.0	2.0	2.0	3.8
Sweden	0	NEGL	2.4	3.7	4.6	6.5	6.5	7.4	7.3
Switzerland	0	0.4	1.0	1.9	1.9	1.9	1.9	1.9	2.9
European Community	0.5	6.7	13.3	27.5	32.1	39.4	42.3	48.4	55.5
Belgium	0	NEGL	1.7	1.7	1.7	1.7	2.6	3.5	3.5
France	0.1	1.7	2.9	8.3	12.9	20.2	20.1	25.3	28.0
Italy	0	0.6	0.6	1.4	1.4	1.4	1.3	1.3	1.3
Netherlands	0	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
United Kingdom	0.4	3.4	4.3	7.0	7.0	7.0	8.0	8.0	9.9
West Germany	NEGL	0.9	3.3	8.6	8.6	8.6	9.8	9.8	12.3
Other countries									
Argentina	0	0	0.3	0.3	0.3	0.3	0.3	0.3	0.9
China (Taiwan)	0	0	0	1.2	1.2	1.2	3.1	3.1	4.9
India	0	0.4	0.6	0.6	0.6	0.8	0.8	0.8	1.0
Pakistan	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
South Korea	0	0	0	0.6	0.6	0.6	0.6	1.8	1.8
Communist countries									
USSR and Eastern Europe	NEGL	1.0	6.8	12.9	16.1	19.4	22.3	25.1	29.1
USSR	NEGL	0.9	4.8	10.2	12.5	15.4	17.4	20.2	23.3
Eastern Europe	0	0.1	2.0	2.7	3.6	4.0	4.9	4.9	5.8
Bulgaria	0	0	0.9	0.9	0.9	1.3	1.8	1.8	1.8
Czechoslovakia	0	0	0.1	0.4	0.9	0.9	0.9	0.9	1.3
East Germany	0	0.1	1.0	1.4	1.8	1.8	1.8	1.8	1.8
Hungary	0	0	0	0	0	0	0.4	0.4	0.9
Other									
Yugoslavia	0	0	0	0	0	0.7	0.7	0.7	0.7

^aData are as of the end of the year and presented on a net basis except for Communist countries which are gross capacities.

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Minerals and Metals

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Table 107
Iron Ore Production ^a*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD ^b									
United States	90.21	88.84	91.20	80.13	70.73	74.34	36.00	38.20	52.10
Australia	4.42	6.80	51.19	97.65	95.54	84.70	87.80	75.00	90.00
Canada	19.80	35.70	47.70	46.87	48.75	52.00	35.40	30.30	37.00
Sweden	21.69	24.88	31.51	30.87	27.18	23.23	16.14	13.21	18.10
European Community	112	93.6	81.0	62.4	34.0	25.9	22.6	18.8	17.8
France	66.96	59.53	56.80	49.65	28.98	21.60	19.39	15.97	15.00
Other countries ^c									
Brazil	9.34	20.75	40.20	89.89	114.73	97.90	93.10	88.70	97.00
India	10.68	23.83	31.37	41.40	41.90	41.30	40.90	38.80	41.00
Liberia	3.05	15.96	23.66	24.38	18.19	19.70	18.20	14.90	16.10
Mexico	0.86	3.04	4.81	5.35	8.06	8.34	8.56	8.42	8.52
South Africa	3.10	5.80	9.20	12.10	26.30	28.30	24.60	16.60	24.00
Spain	5.64	5.69	7.06	8.22	8.87	8.41	7.62	7.45	NA
Venezuela	19.49	17.51	22.10	24.77	16.10	15.53	11.20	9.70	13.30
Communist countries									
USSR and Eastern Europe	115	165	208	244	251	249	250	251	NA
USSR	105.86	153.43	197.14	234.70	244.71	242.42	244.41	245.20	247.00
Eastern Europe	9.34	12.0	10.8	9.13	6.73	6.55	6.07	6.19	NA
Bulgaria	0.42	1.80	2.41	2.34	1.89	1.75	1.55	1.80	2.02
Czechoslovakia	3.12	2.45	1.61	1.77	1.93	1.94	1.86	1.91	1.91
East Germany	1.64	1.63	0.42	0.06	0.05	0.04	0.04	0.04	0.04
Hungary	0.52	0.76	0.63	0.64	0.43	0.42	0.47	0.44	0.38
Poland	2.18	2.86	2.55	1.25	0.10	0.10	0.05	0.01	NA
Romania	1.46	2.48	3.21	3.07	2.33	2.30	2.10	1.99	NA
Other									
Albania	0.25	0.40	0.40	0.47	0.75	NA	NA	NA	NA
China	100.00	38.30	72.30	109.00	120.00	120.00	NA	NA	NA
North Korea	2.50	4.96	6.50	6.75	8.50	10.00	11.00	12.00	12.50
Yugoslavia	2.20	2.50	3.69	5.24	4.53	4.79	5.11	5.02	5.32

^a Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites.

^b The metal content of the ore in the OECD countries varies

from year to year. The approximate current content is as follows: United Kingdom and West Germany, 28-31 percent; France, 32 percent; United States and Canada, 63-64 percent; and Australia and Sweden, 60-65 percent.

^c The metal content of the ore in the other countries ranges from 30 percent to 68 percent.

Table 108
Manganese Ore Production ^a

Thousand metric tons

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
Australia	62	102	751	1,550	1,999	1,411	1,132	1,353	1,650
Italy	49	48	50	0	9	9	9	9	9
Japan	324	303	270	158	80	87	78	77	80
Other countries									
Brazil	999	1,400	1,880	2,160	2,281	2,042	2,341	2,100	2,100
Gabon	0	1,280	1,450	2,250	2,147	1,488	1,512	1,857	2,100
Ghana ^b	545	604	405	409	252	223	160	193	180
India	1,200	1,650	1,650	1,580	1,692	1,526	1,448	1,320	1,300
Mexico	205	168	274	428	447	578	509	372	NA
South Africa	1,190	1,570	2,680	5,770	5,695	5,040	5,217	2,886	2,500
Communist countries									
USSR and Eastern Europe	6,350	8,040	7,230	8,340	9,930	NA	NA	NA	NA
USSR	5,872	7,576	6,841	8,459	9,750	9,150	9,821	9,876	9,955
Eastern Europe	477	461	390	278	180	NA	NA	NA	NA
Bulgaria	25	42	33	35	49	45	45	45	45
Hungary	123	213	169	131	83	71	83	59	NA
Romania	175	126	102	112	48	NA	NA	NA	NA
Other									
Yugoslavia	13	8	15	17	30	31	30	NA	NA

^a The metal content of the ore of various countries is as follows: the United States, more than 35 percent; other non-Communist countries and Cuba, 25-53 percent; the USSR, about 35 percent; Yugoslavia, about 35 percent; Romania, 30 percent; Bulgaria, about 27 percent; and Hungary, 26 percent.

^b Dry weight.

Table 109
Tungsten Ore Production ^a*Metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	3,160	3,430	4,220	2,490	2,738	3,545	1,575	1,016	1,300
Australia	1,900	950	1,260	1,498	3,575	3,517	2,618	2,060	2,000
Austria	110	90	80	360	2,150	1,435	1,714	1,117	1,400
Canada ^b	0	1,340	1,340	1,170	3,179	1,993	2,842	327	3,200
France	340	0	80	620	577	591	727	700	700
Japan	470	340	850	770	668	667	640	488	450
Portugal	1,390	780	1,080	1,420	1,568	1,395	1,358	1,360	1,400
Spain	440	20	410	350	446	437	545	550	500
Turkey	0	0	0	0	96	153	150	170	300
Other countries									
Bolivia	1,020	870	1,840	2,036	2,732	2,779	2,534	2,400	2,900
Brazil	642	143	920	896	876	1,248	1,089	1,200	1,200
Burma	470	160	220	490	823	825	844	930	1,050
Mexico	90	90	290	280	266	263	99	90	200
Peru	230	380	800	580	549	521	688	720	750
Rwanda	230	130	180	350	431	354	409	292	500
South Korea	2,730	2,130	2,070	2,400	2,737	2,739	2,420	2,293	2,400
Thailand	210	260	710	1,640	1,615	1,209	855	562	600
Communist countries									
USSR	5,400	6,660	6,900	8,100	9,200	9,400	9,500	9,700	10,000
China	13,990	8,140	5,470	6,710	NA	NA	NA	NA	NA

^a Data are for the estimated tonnage of contained tungsten.^b Shipments.

Table 110
Chromite Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
Finland	0	0	121	331	362	412	345	363	400
Greece	35	51	26	35	43	43	42	41	40
Japan	67	42	33	24	14	11	11	8	10
Turkey	481	567	519	717	391	423	406	400	400
Other countries									
Brazil	6	17	27	173	313	236	276	280	300
India	100	60	271	500	320	335	339	360	400
Iran	68	129	200	172	82	32	41	50	50
Madagascar	0	2	131	194	180	100	91	91	100
Philippines	734	555	566	520	496	439	355	330	350
South Africa	772	942	1,427	2,076	3,414	2,870	2,164	2,232	2,250
Zimbabwe	606	586	363	590	554	536	432	431	450
Communist countries ^b									
USSR	1,200	2,500	3,000	3,500	3,400	3,300	3,400	3,300	3,326
Albania	289	312	466	779	1,020	NA	NA	NA	NA
Cuba	29	40	23	36	28	NA	NA	NA	NA
Yugoslavia	101	80	41	2	2	2	NA	NA	NA

^a Data are in gross weight.^b Production of chrome ore. In the Communist countries, the chromic oxide content is estimated as follows: USSR, 46 percent; Albania, 45 percent; Cuba, 35 percent; and Yugoslavia, 26 percent.

Table 111
Bauxite Production*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	5,370	7,060	16,900	29,000	34,500	32,700	29,400	29,500	35,000
United States	2,030	1,680	2,125	1,800	1,559	1,510	732	679	811
Australia	70	1,190	9,260	21,000	27,178	25,541	23,625	24,550	29,300
European Community	3,260	4,180	5,510	5,610	5,230	5,060	4,610	4,100	4,400
Greece	884	1,270	2,290	3,010	3,286	3,216	2,853	2,422	2,800
France	2,070	2,660	2,990	2,560	1,921	1,827	1,737	1,662	1,578
Other countries									
Brazil	121	156	510	970	6,688	6,969	6,290	7,199	7,200
Guinea	1,378	1,870	2,490	8,400	11,862	11,112	10,446	8,500	8,500
Guyana	2,511	2,919	4,417	3,251	2,471	1,680	953	1,199	1,569
Jamaica	5,840	8,650	12,000	11,600	12,054	11,664	8,361	7,682	7,806
Suriname	3,460	4,360	6,020	4,930	4,696	3,728	3,059	2,824	2,800
Communist countries									
USSR and Eastern Europe	4,380	6,790	8,970	11,200	12,500	NA	NA	NA	NA
USSR ^a	3,100	5,300	6,700	8,000	9,100	9,100	9,000	8,900	9,200
Eastern Europe	1,280	1,490	2,270	3,240	3,400	NA	NA	NA	NA
Hungary	1,190	1,477	2,022	2,890	2,950	2,914	2,627	2,917	2,994
Romania	88	12	250	350	470	NA	NA	NA	NA
Other									
China ^b	640	1,120	1,500	2,800	3,300	3,300	3,300	NA	NA
Yugoslavia	1,025	1,574	2,098	2,306	3,138	3,500	3,668	3,500	3,347

^a Including nonbauxite ore such as nepheline and alunite for the production of alumina.

^b Data are for aluminous shales and clays used for the manufacture of aluminum and exclude shales exported and those used for refractories, abrasives, and cement.

Table 112
Pig Iron Production*Million metric tons*

	1960 *	1965 *	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	62.2	82.6	82.8	72.3	62.3	66.9	39.3	44.2	47.1
Australia	2.9	4.3	6.1	7.5	7.0	6.8	6.0	5.1	5.3
Canada	4.0	6.6	8.2	9.2	11.2	9.7	8.0	8.6	9.6
Japan	11.9	27.5	68.0	86.9	87.0	80.0	77.7	72.9	80.4
Spain	1.9	2.3	4.2	6.8	6.7	6.4	6.0	5.4	5.3
European Community	70.0	81.2	98.4	88.4	89.9	88.2	76.6	73.8	82.4
Belgium	6.5	8.4	10.8	9.1	10.5	9.8	7.8	8.0	9.0
France	14.1	15.8	19.2	17.5	19.2	17.3	15.0	13.5	14.7
Italy	2.7	5.5	8.3	11.4	12.1	12.3	11.5	10.3	11.6
United Kingdom	16.0	17.7	17.5	12.0	6.4	9.5	8.3	9.5	9.4
West Germany	25.5	26.7	33.6	30.1	33.9	31.9	27.6	26.4	29.9
Other countries									
Brazil	1.8	2.4	4.2	7.1	13.0	11.0	11.1	13.2	17.5
India	4.3	7.1	7.0	8.3	8.5	9.5	9.6	9.2	9.5
Mexico	0.7	1.2	2.3	3.0	5.3	5.5	5.1	5.0	5.3
South Africa	2.0	3.6	3.9	5.2	7.5	7.4	6.8	5.2	5.5
South Korea	NEGL	NEGL	NEGL	1.2	5.6	7.9	8.4	8.0	8.8
Communist countries									
USSR and Eastern Europe	60.2	84.1	110	133	144	142	139	144	NA
USSR	46.8	66.2	85.9	103.0	107.3	107.8	106.7	110.5	111.4
Eastern Europe	13.4	17.9	23.9	30.0	37.1	34.4	32.5	33.3	NA
Bulgaria	0.2	0.7	1.3	1.6	1.6	1.6	1.6	1.7	1.6
Czechoslovakia	4.7	5.9	7.6	9.3	9.8	9.9	9.5	9.5	9.6
East Germany	2.0	2.3	2.0	2.5	2.5	2.4	2.1	2.2	2.4
Hungary	1.2	1.6	1.8	2.2	2.2	2.2	2.2	2.0	2.0
Poland	4.2	5.4	7.0	7.8	12.0	9.4	8.5	9.7	10.0
Romania	1.0	2.0	4.2	6.6	9.0	8.9	8.6	8.2	NA
Other									
China	27.5	13.8	22.0	33.8	38.0	34.2	35.5	37.4	40.0
North Korea	0.9	1.3	2.1	2.5	3.5	3.5	3.6	3.7	3.8
Yugoslavia	1.0	1.1	1.3	2.1	2.4	9.9	2.7	2.8	2.8

* Including ferroalloys.

Table 113
Crude Steel Production ^a*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	90.1	119.3	119.3	105.8	101.5	109.6	67.7	76.8	83.9
Australia ^c	3.8	5.5	6.8	7.8	7.6	7.6	6.4	5.6	6.2
Canada	5.3	9.1	11.2	12.9	15.9	14.8	11.8	12.7	14.7
Japan	22.1	41.2	93.3	102.3	111.4	101.7	99.5	97.2	105.6
Spain	1.9	3.5	7.4	11.1	12.6	12.9	13.2	13.0	13.5
European Community	98.0	114	139	126	129	126	111	109	119
Belgium	7.2	9.2	12.6	11.6	12.3	12.3	9.9	10.2	11.3
France	17.3	19.6	23.8	21.5	23.2	21.3	18.4	17.6	19.0
Italy	8.2	12.7	17.3	21.8	26.5	24.8	24.0	21.8	24.0
United Kingdom	24.7	27.4	28.3	20.2	11.3	15.6	13.7	15.0	15.2
West Germany	34.1	36.8	45.0	40.4	43.8	41.6	35.9	35.7	39.4
Other countries									
Brazil ^d	2.3	3.0	5.4	8.3	15.3	13.2	13.0	14.7	18.4
India	3.3	6.4	6.1	7.1 ^e	9.4	10.4	10.7	10.2	10.5
Mexico	1.5	2.4	3.9	5.3	7.2	7.6	7.0	6.9	7.5
South Africa	2.1	3.5	4.8	6.5	9.1	9.0	8.3	7.0	7.7
South Korea	NEGL	0.2	0.5	2.0	8.6	10.8	11.8	11.9	13.0
Communist countries									
USSR and Eastern Europe	86.4	120	156	193	210	206	203	210	214
USSR	65.3	91.0	115.9	141.3	147.9	148.4	147.2	152.5	154.0
Eastern Europe	21.2	28.5	39.8	51.3	61.6	57.6	56.1	57.4	60.0
Bulgaria	0.2	0.6	1.8	2.3	2.6	2.5	2.6	2.8	2.9
Czechoslovakia	6.8	8.6	11.5	14.3	15.2	15.3	15.0	15.0	14.8
East Germany	3.8	4.3	5.0	6.5	7.3	7.5	7.2	7.2	7.6
Hungary	1.9	2.5	3.1	3.7	3.8	3.6	3.7	3.6	3.8
Poland	6.7	9.1	11.8	15.0	19.5	15.7	14.5	16.2	16.5
Romania	1.8	3.4	6.5	9.6	13.2	13.0	13.1	12.6	14.4
Other									
China	18.7	12.2	17.8	24.0	37.1	35.6	37.1	39.9	43.4
Cuba	NA	NEGL	0.1	0.3	0.3	0.3	0.3	0.3	0.3
North Korea	0.6	1.2	2.2	2.6	3.6	3.7	3.8	3.9	4.0
Yugoslavia	1.4	1.8	2.2	2.9	3.6	4.0	3.8	4.1	4.2

^a Data are for ingots and steel for castings.^b Excluding steel for castings made in foundries operated by companies not producing ingots.^c Twelve months ending 30 June of the stated year.^d Excluding alloy steel.^e Ingots only.

Table 114
Rolled Steel Production*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^a	69.35	90.09	82.37	72.54	76.07	80.24	55.85	61.31	66.90
Canada ^a	4.13	6.44	8.24	9.48	12.29	12.00	9.35	10.00	11.50
Japan	17.20	33.38	76.03	86.28	101.79	93.23	91.87	91.00	98.90
Spain ^a	1.27	3.16	5.46	8.94	10.14	10.29	10.00	10.79	11.20
European Community	76.7	89.6	111	98.6	108	108	94.50	94.70	104
Belgium	5.88	7.72	10.26	9.10	10.67	10.19	8.55	8.67	9.60
France	13.70	15.72	18.73	17.56	21.00	19.62	17.41	16.25	17.60
Italy	7.78	10.62	14.76	15.41	19.66	19.75	17.55	17.90	19.70
United Kingdom	18.41	20.76	22.18	15.57	10.08	13.04	11.66	12.44	12.60
West Germany	25.84	28.48	35.97	32.98	37.36	36.77	31.20	31.32	34.50
Communist countries									
USSR and Eastern Europe	57.8	81.3	108	137	148	146	144	149	152
USSR	43.68	61.65	80.65	98.69	102.91	102.97	102.31	106.44	107.00
Eastern Europe	14.1	19.7	27.4	38.3	45.0	42.6	41.6	42.8	45.0
Bulgaria	0.19	0.43	1.42	2.50	3.21	3.35	3.25	3.24	3.38
Czechoslovakia	4.48	6.09	7.94	10.03	10.76	10.80	10.66	10.73	10.91
East Germany	2.61	2.99	3.41	5.22	5.13	5.06	4.96	5.08	5.30
Hungary	1.19	1.70	2.04	2.68	3.04	2.82	2.86	2.82	2.96
Poland	4.42	6.13	8.14	11.08	13.55	11.06	10.48	11.73	12.20
Romania	1.25	2.35	4.50	6.81	9.32	9.55	9.35	9.20	10.30
Other									
China	11.30	9.10	13.40	16.80	27.16	26.65	29.00	30.00	33.70
Yugoslavia	0.97	1.19	1.77	2.36	4.24	4.78	4.51	4.65	5.67

^a Steel mill products.

Table 115
Refined Nickel Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	12.9	12.2	14.0	20.1	40.1	44.3	40.8	30.3	38.1
Australia	0	0	1.0	34.0	35.3	42.3	45.9	46.0	38.7
Canada	127.5	160.4	189.3	157.8	152.3	115.2	63.4	87.2	104.2
Japan	18.7	26.5	89.9	78.0	98.4	86.8	83.4	69.6	86.3
Norway	30.4	31.8	38.5	37.1	37.1	37.1	25.6	26.0	35.5
European Community	47.3	49.0	57.6	63.0	43.0	48.1	26.8	40.0	44.8
France ^b	10.0	8.2	11.0	10.9	9.8	10.0	7.4	4.8	5.0
Greece	0	0	8.6	14.8	13.9	12.7	12.5	12.0	18.8
United Kingdom	34.3	40.5	36.7	37.3	19.3	25.4	6.9	23.2	21.0
Other countries									
Dominican Republic	0	0	0	30.0	16.3	18.7	5.3	20.2	22.4
New Caledonia	11.4	15.6	27.9	52.8	32.6	28.0	28.0	28.0	29.2
Communist countries ^c									
USSR	72.0	100.0	137.0	210.0	229.0	235.0	250.0	260.0	268.0
Cuba ^d	12.8	28.2	36.6	37.3	38.2	40.3	37.6	39.3	33.2

^a Unless otherwise indicated, data are for refined metal and the nickel content of ferronickel and nickel oxide.

^b Excluding data for New Caledonia.

^c Czechoslovakia and East Germany each produce a small amount of refined nickel.

^d Nickel content of oxides and sulfides.

Table 116
Refined Copper Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	1,650	1,973	2,074	1,632	1,730	2,027	1,694	1,584	1,500
Australia	84	95	146	192	182	191	178	199	200
Canada	378	394	493	529	505	477	338	464	515
Japan	248	366	705	819	1,014	1,050	1,075	1,092	935
Spain	42	59	83	130	158	152	172	159	157
European Community	796	904	996	958	970	1,020	1,060	1,030	1,010
Belgium	212	280	338	332	374	428	458	405	400
United Kingdom	219	228	205	152	161	136	134	144	137
West Germany	309	342	406	422	374	387	394	420	379
Other countries									
Chile	226	289	465	534	811	776	852	833	875
Peru	30	40	36	71	226	209	225	191	226
Zaire	145	153	190	226	144	151	175	227	221
Zambia	403	522	581	629	608	560	585	575	562
Communist countries									
USSR and Eastern Europe	576	840	1,220	1,750	2,030	2,010	2,050	2,090	NA
USSR	475	700	1,015	1,320	1,470	1,490	1,510	1,540	1,590
Eastern Europe	101	140	204	428	561	524	536	551	NA
Bulgaria	14	24	38	50	63	63	60	62	NA
Czechoslovakia	10	12	17	23	33	27	26	26	NA
East Germany	40	40	40	50	51	51	51	50	NA
Hungary	8	12	12	13	16	16	12	13	NA
Poland	22	37	72	249	357	327	348	360	380
Romania	7	15	25	43	41	40	39	40	NA
Other									
Albania	1	4	6	7	12	10	10	10	NA
China	90	200	290	300	320	320	325	340	NA
Cuba ^b	NA	6	NEGL	3	3	3	3	3	3
Yugoslavia	35	56	89	138	131	133	127	124	128

^a Data are for primary and secondary refined copper produced from domestic and imported ores and scrap.

^b Copper concentrate.

Table 117
Primary Aluminum Production*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	1,827	2,498	3,607	3,519	4,654	4,489	3,274	3,353	4,099
Australia	12	87	206	214	303	379	381	478	758
Canada	691	753	972	887	1,068	1,116	1,065	1,091	1,222
Japan	133	294	733	1,013	1,091	771	351	256	287
Norway ^a	171	276	522	595	653	633	637	715	761
Spain	29	52	120	210	386	397	367	358	381
European Community	520	735	1,040	1,950	2,220	2,190	2,990	1,920	2,020
France	238	340	381	383	432	436	391	361	342
Greece	NA	NA	91	136	146	147	147	136	136
Italy	84	124	147	190	271	270	232	196	230
Netherlands	0	0	75	258	259	262	251	236	247
United Kingdom ^a	29	36	40	308	375	339	241	253	288
West Germany	169	234	309	678	731	729	723	743	777
Other countries									
Brazil	18	30	56	121	260	256	299	401	457
Ghana	0	0	113	143	188	191	174	42	0
India	18	62	161	167	185	213	217	220	270
Communist countries									
USSR and Eastern Europe	696	1,170	2,000	2,820	3,210	3,200	3,150	3,230	NA
USSR	565	990	1,640	2,345	2,705	2,720	2,735	2,795	2,879
Eastern Europe	131	176	359	480	509	475	417	434	NA
Czechoslovakia	20	26	31	43	38	33	34	36	34
East Germany	35	45	56	60	62	60	58	57	NA
Hungary	50	58	66	70	73	74	74	74	74
Poland	26	47	99	103	95	66	43	44	46
Romania ^b	0	0	107	204	241	242	208	223	244
Other									
China	80	140	188	357	415	415	425	435	NA
Yugoslavia	25	39	48	168	185	197	246	284	302

^a Including the pure content of virgin alloys.^b Including aluminum alloys.

Table 118
Smelter Production of Lead ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	347	379	605	577	550	497	513	515	397
Australia ^c	247	227	351	311	361	370	400	378	380
Canada	145	169	186	172	163	169	174	178	173
Japan	69	103	178	152	175	175	183	215	241
Spain	71	54	76	73	84	83	100	100	110
Sweden	45	40	41	38	20	7	30	35	35
European Community	369	404	451	400	390	382	381	377	375
Belgium	93 ^d	111 ^d	89 ^d	106 ^d	54	60	53	54	55
France	74	98	120	102	127	129	123	115	122
Italy	42	45	54	33	42	36	36	40	38
United Kingdom ^e	16	23	44	26	30	27	34	41	41
West Germany	140	104	113	92	112	108	111	116	102
Other countries									
Mexico	186	154	150	173	145	157	145	167	170
Peru	74	87	72	71	80	79	77	68	70
Communist countries									
USSR and Eastern Europe	404	549	676	783	823	811	824	832	NA
USSR	300	385	470	540	560	560	560	565	582
Eastern Europe	104	164	206	243	263	251	264	267	NA
Bulgaria	40	93	99	110	120	120	118	116	NA
Czechoslovakia	12	15	18	18	20	21	21	21	NA
Poland ^f	40	41	54	76	82	69	79	81	NA
Romania ^f	12	15	35	39	41	41	46	49	NA
Other									
Yugoslavia	89	102	97	126	102	86	81	98	83

^a Unless otherwise indicated, data are for smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).

^b Excluding refined lead produced from imported base bullion.

^c Including lead bullion.

^d Including secondary metal, remelted lead, and alloys.

^e Lead bullion from imported ores and concentrates.

^f Probably including some secondary metal.

Table 119
Refined Zinc Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	2,210	2,780	3,540	3,180	3,730	3,670	3,480	3,800	3,900
United States ^b	788	978	866	450	370	397	302	305	329
Australia	122	202	264	200	306	300	296	303	307
Canada	237	326	418	427	592	619	512	617	683
Finland	0	0	56	110	147	140	144	155	159
Japan	180	318	676	722	735	670	662	701	754
Spain	47	54	88	138	152	180	187	190	205
European Community	783	842	1,090	1,050	1,340	1,300	1,230	1,300	1,340
Belgium	248	238	232	218	248	235	228	263	271
France	146	192	224	181	253	257	244	250	259
Italy	85	81	142	180	207	181	158	156	158
Netherlands	36	42	47	124	170	177	186	188	210
United Kingdom	76	107	147	53	87	82	79	88	86
West Germany	192	182	301	295	371	367	335	357	356
Other countries									
Mexico	53	90	81	154	144	127	127	179	185
Communist countries									
USSR and Eastern Europe	577	770	1,030	1,210	1,190	1,140	1,130	1,140	NA
USSR ^c	360	475	690	820	820	820	820	825	850
Eastern Europe	217	295	340	393	369	318	312	319	NA
Bulgaria	17	66	76	86	90	90	90	91	NA
East Germany	4	14	15	15	18	16	17	16	NA
Poland	176	190	209	243	215	167	165	170	NA
Romania	20	25	40	49	46	45	40	42	NA
Other									
Yugoslavia	36	46	65	98	85	96	87	88	93

^a Data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.

^b Including production from secondary smelters.
^c Primary metal only.

Table 120
Titanium Sponge Metal Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	4.8	8.2	14.0	14.4	20.4	24.0	14.2	12.7	22.1
Japan	2.3	4.8	9.2	7.6	19.4	24.9	16.8	10.6	15.4
Communist countries									
USSR	6.0	23.0	40.0	57.0	68.0	69.0	70.0	71.0	71.0

^a Raw titanium in the form of sponge metal produced from rutile or ilmenite concentrates.^b Calculated, 1965-84, from reported consumption, imports, exports, and stock changes.**Table 121**
Cobalt Production ^a*Metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
Australia	13	91	469	2,709	1,975	1,466	1,480	1,361	1,270
Canada	1,618	1,655	2,069	1,354	1,603	2,080	1,404	1,585	1,996
Finland	NA	1,493	1,270	1,402	1,035	1,034	931	907	907
Other countries									
Morocco	1,271	1,832	604	1,961	838	789	699	0	0
Zaire	8,222	8,388	13,958	13,971	15,422	15,422	11,304	11,304	16,964
Zambia	1,847	1,544	2,400	2,057	4,400	4,400	3,251	3,200	4,618
Communist countries									
USSR	1,600	2,300	3,700	5,000	6,000	6,300	6,500	6,700	6,900
Albania	NA	NA	NA	NA	326	345	345	354	363
Cuba	NA	714	1,208	1,240	NA	NA	NA	NA	NA

^a Recoverable cobalt content of ores mined, unless otherwise indicated.

Table 122
Smelter Production of Primary Tin ^a

Metric tons

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	13,700	3,150	4,540	6,500	3,000	2,000	3,500	2,500	3,000
Australia	2,290	3,230	5,210	5,250	4,820	4,230	3,100	2,900	2,900
Spain	470	1,820	3,910	5,250	4,100	4,400	3,700	2,200	3,700
European Community	42,500	40,900	33,400	17,800	12,300	11,200	7,500	7,400	10,200
Belgium	8,390	4,300	4,260	4,560	2,800	100	0	0	0
United Kingdom	26,800	16,800	22,000	11,520	5,830	6,860	4,200	4,100	4,900
Other countries									
Bolivia	1,020	3,470	300	7,530	18,190	20,000	19,030	15,525	14,600
Brazil	NA	1,435	3,100	5,400	8,640	7,640	9,300	12,741	18,100
Indonesia	2,010	1,210	5,190	17,800	30,470	32,430	29,760	28,390	26,000
Malaysia	77,600	73,600	91,500	83,100	71,320	70,330	62,800	53,300	55,700
Nigeria	NA	9,480	8,070	4,680	2,680	2,490	2,750	2,340	900
Thailand	220	5,610	22,000	16,600	34,690	32,630	25,500	18,470	22,000
Communist countries									
USSR	10,600	14,000	21,000	25,000	32,500	33,000	33,400	33,600	34,600
East Germany	1,000	1,200	1,200	1,200	1,800	1,500	2,000	2,000	NA
China	29,000	12,000	10,000	18,000	18,000	18,000	NA	NA	NA

^a Excluding tin derived from scrap or detinning.

Table 123
Primary Magnesium Production*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	36	74	102	109	154	140	93	105	144
Canada	7	9	9	4	9	9	8	6	8
Japan	2	4	10	9	6	6	6	6	7
Norway	10	26	35	38	44	48	36	30	35
European Community									
France	2	3	5	8	9	7	10	11	11
Italy	5	6	8	7	8	8	8	10	7
Communist countries									
USSR	25	50	80	98	104	106	109	111	114

Table 124
Gold Production*Million troy ounces*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	1.67	1.71	1.74	1.05	0.97	1.38	1.47	1.96	1.90
Australia	1.09	0.88	0.62	0.53	0.55	0.59	0.87	0.98	1.20
Canada	4.63	3.60	2.41	1.65	1.63	1.67	2.08	2.36	2.61
Japan	0.26	0.26	0.26	0.14	0.10	0.10	0.10	0.10	0.11
Other countries									
Brazil	0.11	0.16	0.17	0.17	1.30	1.20	0.82	1.73	1.75
Colombia	0.43	0.32	0.20	0.31	0.51	0.53	0.47	0.44	0.45
Ghana	0.89	0.76	0.71	0.52	0.35	0.33	0.33	0.30	0.30
Mexico	0.30	0.22	0.20	0.14	0.20	0.20	0.20	0.22	0.23
Philippines	0.41	0.44	0.60	0.50	0.64	0.75	0.83	0.82	0.77
South Africa	21.38	30.55	32.20	22.94	21.67	21.12	21.36	21.85	19.90
Zimbabwe	0.56	0.55	0.44	0.35	0.37	0.37	0.43	0.45	0.50
Communist countries									
USSR	3.63	5.33	7.00	8.29	10.20	10.50	10.60	10.70	NA

Table 125
Platinum-Group Metals Production*Thousand troy ounces*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States ^a	24	35	17	19	3	7	8	6	6
Canada	460	463	482	399	411	400	228	167	348
South Africa ^b	406	754	1,500	2,600	3,100	3,000	2,600	2,600	2,900
USSR	1,000	2,000	2,500	3,300	3,700	3,900	4,100	4,300	4,400

^a Crude placer platinum and byproduct metals recovered largely from domestic copper refining.^b Platinum-group metals from platinum ores and osmium and iridium from gold ores.**Table 126**
Molybdenum Production ^a*Metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	32,000	40,000	66,400	61,200	80,300	77,700	54,200	25,500	58,000
United States	31,000	35,100	50,500	48,100	68,351	63,458	37,671	15,238	47,021
Canada ^b	348	4,340	15,300	13,000	11,900	14,134	16,461	10,194	10,865
Japan	381	277	264	140	56	74	97	97	95
Other countries									
Chile	2,014	3,690	5,700	9,090	13,668	15,360	20,000	15,264	16,861
Peru	NEGL	680	607	651	2,688	2,488	2,565	2,628	3,081
Communist countries									
USSR	4,800	7,300	9,500	10,500	12,000	12,000	12,300	12,600	13,000

^a Molybdenum content of ores and concentrates.^b Shipments.

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Chemicals and Rubber

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Table 127
Caustic Soda Production ^a

Thousand metric tons

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	8,250	11,600	18,300	19,100	23,000	21,500	20,300	21,900	23,300
United States	4,510	6,207	9,200	8,694	10,529	9,447	8,514	9,107	10,182
Canada	338	583	860	845	1,459	1,458	1,367	1,528	1,574
Japan	869	1,344	2,685	2,948	3,157	2,872	2,792	2,863	3,085
European Community	1,970	2,630	4,390	5,230	6,220	6,130	6,050	6,890	6,930
France	597	671	1,094	1,120	1,333	1,315	1,402	1,552	1,480
Italy	429	691	999	1,002	953	844	862	1,009	1,070
West Germany	776	1,178	1,682	2,489	3,176	3,209	3,026	3,566	3,616
Communist countries									
USSR and Eastern Europe	1,420	2,250	3,140	4,220	5,200	5,220	5,260	5,350	NA
USSR	704	1,199	1,783	2,395	2,755	2,757	2,783	2,853	2,971
Eastern Europe	716	1,050	1,360	1,830	2,440	2,460	2,480	2,490	NA
Bulgaria	17	32	46	84	162	151	155	147	163
Czechoslovakia	115	158	189	257	325	330	324	330	325
East Germany	327	364	413	442	626	631	695	687	695
Hungary ^b	16	49	67	89	189	180	178	192	194
Poland	167	215	313	392	415	400	363	392	379
Romania	74	233	330	566	723	767	760	745	NA
Other									
China	NA	600	900	1,300	1,900	1,923	2,073	2,127	2,221
Cuba	NA	2	4	4	3	8	11	16	18
Yugoslavia	48	88	93	97	136	178	169	171	191

^a Pure caustic soda (100 percent NaOH), including tonnage not commercialized but used on site for processing.

^b Including regenerated caustic soda.

Table 128
Synthetic Ammonia Production ^a

Thousand metric tons of N

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	3,595 ^b	6,618	10,315	12,232	14,664	14,234	11,771	10,500	12,082
Canada	382 ^b	453	1,007	1,336	2,556	2,654	2,509	2,830	NA
Japan	1,059	1,779	2,682	2,990	2,110	1,833	1,653	1,546	1,669
European Community	3,420	5,110	6,780	8,110	8,650	8,510	7,370	NA	NA
France	724	1,281	1,619	1,941	2,085	2,250	1,900	NA	NA
Italy	724	1,035	1,272	1,452	1,409	1,211	1,048	932	1,209
Netherlands	410	661	1,340	1,908	2,275	2,203	2,010	NA	NA
West Germany	1,242	1,659	1,821	1,981	2,044	1,962	1,570	1,703	NA
Communist countries									
USSR and Eastern Europe	2,180	5,000	10,400	16,200	21,300	22,300	22,300	25,000	NA
USSR	1,138	3,137	6,282	9,868	13,762	14,718	14,605	16,904	17,445
Eastern Europe	1,040	1,860	4,090	6,340	7,560	7,600	7,680	8,110	NA
Bulgaria	111	338	788	935	1,009	1,023	1,033	1,124	1,138
Czechoslovakia	153	254	432	710	841	711	726	809	NA
East Germany	392	438	481	919	1,181	1,203	1,167	1,210	NA
Hungary	67	173	414	513	795	819	791	812	NA
Poland	285	440	1,187	1,707	1,483	1,465	1,384	1,430	NA
Romania	29	218	792	1,559	2,247	2,383	2,583	2,723	NA
Other									
China ^c	490	1,387	2,970	5,911	12,150	11,990	12,430	NA	NA
Yugoslavia	12	114	285	391	405	421	424	411	NA

^a Unless otherwise indicated, nitrogen content of synthetic ammonia. To convert to actual production of synthetic ammonia, multiply by 1.2158.

^b Data are for 1961.

^c Including only ammonia produced for fertilizer.

Table 129
Sulfuric Acid Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	38,700	51,400	61,600	64,900	80,400	75,400	66,000	65,700	74,000
United States ^b	16,223	22,544	26,785	29,357	40,059	36,961	30,148	33,188	36,000
Canada	1,517	1,964	2,475	2,723	4,295	4,117	3,085	3,679	4,054
Japan	4,452	5,655	6,925	5,997	6,778	6,572	6,530	6,662	6,457
Spain	1,132	1,616	2,021	3,624	3,052	2,880	2,870	2,760	NA
European Community	12,700	16,100	18,800	18,200	20,800	19,300	17,700	17,900	19,000
France	2,046	2,916	3,682	3,758	4,950	4,352	4,136	4,243	4,490
Italy	2,299	2,979	3,327	3,006	2,827	2,544	2,221	2,339	2,630
United Kingdom	2,745	3,358	3,352	3,166	3,380	2,888	2,587	2,629	2,654
West Germany	3,170	3,751	4,435	4,157	4,777	4,832	4,411	4,354	4,328
Other countries									
Mexico	249	508	1,235	2,047	1,950	2,172	2,297	2,078	2,020
South Korea	5	17	388	550	1,702	1,304	1,597	1,610	1,975
Communist countries									
USSR and Eastern Europe	7,890	12,700	18,100	27,300	31,500	32,400	31,700	33,100	NA
USSR	5,398	8,518	12,059	18,645	23,033	24,095	23,801	24,714	25,300
Eastern Europe	2,500	4,220	6,080	8,610	8,460	8,350	7,940	8,360	NA
Bulgaria	123	318	502	854	852	920	916	861	908
Czechoslovakia	553	933	1,110	1,245	1,284	1,315	1,252	1,244	1,240
East Germany	730	985	1,099	1,002	958	948	920	926	884
Hungary	178	385	471	647	590	573	571	606	550
Poland	685	1,062	1,901	3,413	3,019	2,776	2,676	2,786	2,770
Romania	226	541	994	1,448	1,756	1,814	1,600	1,941	NA
Other									
China	NA	NA	NA	NA	7,640	7,810	8,170	8,648	8,128
Cuba	NA	202	322	418	402	420	334	370	336
Yugoslavia	121	405	696	871	1,105	1,248	1,183	1,300	1,471

^a Pure (monohydrate) sulfuric acid (100 percent H₂SO₄).^b Including appreciable amounts produced in government-owned privately operated plants.

Table 130
Mineral Fertilizer Production, Nutrient Content ^a*Thousand metric tons*

	1960/61	1965/66	1970/71	1975/76	1980/81	1981/82	1982/83	1983/84	
OECD ^b	22,300	33,900	43,300	46,300	59,700	51,400	49,300	54,800	
United States	7,410	11,933	15,789	18,221	23,377	18,603	17,347	19,954	
Canada	496	2,545	4,465	6,226	9,816	8,379	7,711	9,928	
Japan	1,544	2,203	2,770	2,142	1,850	1,612	1,741	1,723	
Spain	674	1,043	1,604	1,794	2,148	1,972	2,007	1,880	
European Community	10,400	13,400	15,600	14,600	17,900	16,300	16,200	16,900	
France	3,021	4,161	4,644	5,418	4,924	4,554	4,331	4,515	
Italy	1,110	1,590	1,621	1,511	2,064	1,773	1,857	1,830	
West Germany	3,897	4,610	4,743	3,756	4,824	4,086	3,882	4,219	
	1960	1965	1970	1975	1980	1981	1982	1983	1984
Communist countries									
USSR and Eastern Europe	6,510	12,000	20,800	33,000	37,200	38,600	39,300	42,700	NA
USSR ^c	3,279	7,380	13,095	22,040	24,760	25,990	26,729	29,718	30,770
Eastern Europe	3,234	4,640	7,720	11,000	12,400	12,700	12,600	13,000	NA
Bulgaria	127	354	750	918	947	1,011	997	1,035	1,045
Czechoslovakia	287	484	680	1,062	1,182	1,085	1,114	1,123	NA
East Germany	2,166	2,506	3,245	3,984	4,735	4,787	4,668	4,714	NA
Hungary	102	265	517	690	847	899	869	901	NA
Poland	477	738	1,629	2,581	2,237	2,241	2,284	2,325	NA
Romania	71	293	895	1,729	2,451	2,641	2,692	2,913	NA
Other									
China	498	1,502	2,780	5,720	12,320	12,390	12,782	13,786	14,820
Yugoslavia	45	226	364	410	439	442	434	442	473

^a Nitrogen fertilizer (in terms of nitrogen), phosphorus fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).

^b Data are for "fertilizer years"—in general, the year beginning 1 July.

^c Including some products used for technical purposes.

Table 131
Nitrogen Fertilizer Production, Nutrient Content*Thousand metric tons of N*

	1960/61	1965/66	1970/71	1975/76	1980/81	1981/82	1982/83	1983/84	
OECD ^a	8,460	13,400	19,300	21,200	26,700	24,200	23,200	25,400	
United States	2,739	5,081	8,161	9,591	11,825	10,375	9,090	10,750	
Canada	286	377	726	775	1,755	1,669	1,751	2,085	
Japan	1,030	1,615	2,105	1,557	1,202	1,032	1,126	1,076	
Spain	110	323	592	825	960	885	856	841	
European Community	3,650	5,030	6,410	6,910	8,650	8,070	8,160	8,360	
Belgium	278	310	594	610 ^b	743 ^b	753 ^b	755 ^b	706 ^b	
France	671	1,066	1,351	1,361	1,640	1,550	1,530	1,600	
Italy	658	905	956	1,000	1,388	1,147	1,116	1,100	
Netherlands	417	562	930	1,155	1,624	1,464	1,505	1,659	
United Kingdom	449	666	748	1,055	1,167	1,270	1,399	1,363	
West Germany	1,180	1,419	1,505	1,259	1,436	1,240	1,092	1,111	
Other countries ^a									
India	110	232	846	1,508	2,164	3,143	3,430	3,485	
	1960	1965	1970	1975	1980	1981	1982	1983	1984
Communist countries									
USSR and Eastern Europe	1,910	4,250	8,740	13,500	16,100	16,600	17,700	19,400	NA
USSR ^c	1,003	2,712	5,423	8,535	10,241	10,705	11,593	13,007	13,480
Eastern Europe	906	1,540	3,320	4,950	5,850	5,940	6,150	6,420	NA
Bulgaria	86	260	602	672	730	753	758	831	836
Czechoslovakia	140	220	296	496	618	539	568	591	576
East Germany	334	348	395	538	943	967	948	968	NA
Hungary	57	148	350	421	559	589	571	594	589
Poland	270	394	1,030	1,533	1,290	1,274	1,298	1,342	1,369
Romania	19	166	647	1,292	1,707	1,822	2,008	2,091	NA
Other									
China	404	1,240	2,443	5,026	9,990	9,860	10,219	11,095	12,260
Yugoslavia	4	90	238	278	296	298	293	302	357

^a Data are for "fertilizer years"—in general, the year beginning 1 July. Including some technical nitrogen and anhydrous ammonia exported for further processing.

^b Including Luxembourg.

^c Including some nitrogen for technical purposes.

Table 132
Phosphate Fertilizer Production, Nutrient Content*Thousand metric tons of P₂O₅*

	1960/61	1965/66	1970/71	1975/76	1980/81	1981/82	1982/83	1983/84	
OECD ^a	7,960	11,300	13,700	13,900	17,900	14,000	14,200	15,500	
United States	2,626	4,260	5,369	6,531	9,500	6,265	6,618	7,735	
Australia	569	940	695	481	800	797	759	678	
Canada	210	419	560	610	724	667	581	687	
Japan	515	588	665	585	648	580	615	647	
Spain	299	317	487	456	497	373	449	383	
European Community	3,160	4,010	4,900	3,910	4,210	3,820	3,820	3,900	
Belgium	289	415	745	625 ^b	590 ^b	507 ^b	460 ^b	450 ^b	
France ^{c d}	770	1,218	1,451	1,259	1,351	1,278	1,200	1,230	
Italy	399	512	510	370	581	493	614	600	
West Germany	750	857	946	649	687	560	564	552	
Other countries									
Brazil	45	61	162	594	1,582	1,187	1,139	1,055	
	1960	1965	1970	1975	1980	1981	1982	1983	1984
Communist countries									
USSR and Eastern Europe	1,850	3,470	5,500	8,120	9,080	9,540	9,530	10,000	NA
USSR ^c	1,192	2,300	3,585	5,511	6,455	6,836	7,057	7,417	7,660
Eastern Europe	658	1,170	1,910	2,610	2,630	2,700	2,470	2,620	NA
Bulgaria	41	94	148	246	217	258	239	204	209
Czechoslovakia ^c	147	258	322	398	361	340	335	326	344
East Germany ^c	166	232	430	427	370	360	286	315	NA
Hungary	45	117	167	206	149	158	156	167	159
Poland	207	344	599	929	842	866	868	872	869
Romania	52	127	244	404	687	717	590	733	NA
Other									
China ^c	94	262	330	680	2,310	2,510	2,537	2,660	2,520
Yugoslavia	41	136	126	132	143	144	141	140	116

^a Data are for "fertilizer years"—in general, the year beginning 1 July.

^b Including Luxembourg.

^c Including production of ground phosphate rock for direct application and phosphate animal feeds.

^d Beginning 1 May of the stated year.

Table 133
Potassium Fertilizer Production, Nutrient Content

Thousand metric tons of K₂O

	1960/61	1965/66	1970/71	1975/76	1980/81	1981/82	1982/83	1983/84	
OECD ^a	5,920	9,130	10,300	11,200	15,100	13,100	11,900	14,000	
United States	2,045	2,592	2,259	2,099	2,052	1,963	1,639	1,469	
Canada	0	1,749	3,179	4,842	7,337	6,043	5,379	7,156	
Spain	265	404	525	512	691	714	702	656	
European Community	3,600	4,390	4,290	3,760	5,040	4,420	4,220	4,690	
France ^b	1,581	1,877	1,842	1,734	1,933	1,726	1,601	1,685	
West Germany ^c	1,967	2,335	2,293	1,848	2,701	2,286	2,226	2,556	
Other countries									
Israel	92	310	576	712	812	832	946	942	
	1960	1965	1970	1975	1980	1981	1982	1983	1984
Communist countries									
USSR and Eastern Europe	2,750	4,300	6,570	11,300	12,000	12,500	12,100	13,300	NA
USSR ^d	1,084	2,368	4,087	7,944	8,064	8,449	8,079	9,294	9,630
Eastern Europe	1,670	1,930	2,490	3,400	3,930	4,020	4,000	3,980	NA
Czechoslovakia ^e	0	6	62	168	203	206	211	206	NA
East Germany	1,666	1,926	2,420	3,019	3,422	3,460	3,434	3,431	NA
Hungary ^e	0	0	0	63	139	152	142	140	NA
Poland ^e	0	0	0	119	105	101	118	111	NA
Romania ^e	0	0	4	33	57	102	94	89	NA
Other									
China	0	0	7	14	20	20	26	31	40

^a Data are for "fertilizer years"—in general, the year beginning 1 July. Including unidentified double counting of some products used for technical purposes (estimated at 4 percent to 5 percent of the total).

^b Beginning 1 May of the stated year.

^c Excluding technical potash.

^d Including some potassium for technical purposes.

^e Imported potash added to domestically produced nitrogen and phosphate to form multinutrient fertilizer.

Table 134
Plastics Production*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^a	2,850	5,300	9,660	10,206	12,786	13,532	12,912	14,729	15,364
Japan	556	1,609	5,128	4,373	6,422	5,936	5,986	6,504	7,424
European Community									
Belgium	46	120	419	678	1,835	1,940	2,023	2,246	2,390
Italy	346	931	1,567	2,053	2,464	2,154	2,142	2,436	2,760
Netherlands	116	340	795	1,350	1,975	2,393	2,502	2,777	2,641
United Kingdom	566	957	1,463	2,057	2,260	2,051	1,966	1,620	1,700
West Germany	982	1,999	4,321	5,046	6,710	6,600	6,275	7,032	7,400
Communist countries									
USSR and Eastern Europe	560	1,370	2,860	4,920	7,110	7,670	7,710	8,380	NA
USSR ^b	312	803	1,670	2,838	3,637	4,089	4,058	4,419	4,800
Eastern Europe	248	571	1,190	2,080	3,470	3,580	3,650	3,960	NA
Bulgaria	7	33	89	156	255	290	337	398	418
Czechoslovakia	64	126	245	428	894	913	956	1,006	1,039
East Germany	115	219	370	605	861	998	990	1,045	1,085
Hungary	10	27	56	124	328	314	326	345	383
Poland	40	91	224	421	549	476	451	535	593
Romania	12	75	206	347	579	584	591	633	NA
Other									
China	NA	100	180	330	900	916	1,003	NA	1,160
Yugoslavia	15	57	97	160	438	483	409	505	551

^a Dry basis, excluding water, solvents, and other liquid diluents.^b Including resins for manmade fibers.**Table 135**
Natural Rubber Production*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
India	25.2	49.4	89.9	136.0	155.4	150.7	165.9	168.0	183.9
Indonesia ^a	620.3	716.5	815.2	822.5	1,020.0	867.5	880.0	997.2	1,115.0
Malaysia ^b	755.7	917.0	1,269.2	1,459.3	1,530.0	1,510.2	1,494.2	1,563.7	1,528.8
Sri Lanka	98.8	118.3	159.2	148.8	133.2	123.9	126.2	140.0	143.0
Thailand ^a	170.8	216.4	318.8	355.0	501.1	504.0	552.2	587.2	600.0

^a Exports plus estimated consumption.^b Including data for Malaya and Singapore, Sarawak, and Sabah.

Table 136
Synthetic Rubber Production

Thousand metric tons

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	1,910	2,960	4,550	4,480	5,420	5,310	4,690	5,030	5,520
United States	1,459	1,842	2,232	1,990	2,215	2,225	1,817	1,985	2,175
Canada	162	206	205	173	253	263	182	182	218
Japan	23	161	698	789	1,094	1,010	931	1,002	1,161
European Community	269	728	1,340	1,410	1,690	1,660	1,620	1,720	1,810
France	17	148	316	350	511	487	479	514	551
Italy	67	120	155	200	250	235	210	220	215
Netherlands	12	100	200	216	212	211	203	196	207
United Kingdom	92	175	316	261	212	224	244	260	284
West Germany	81	164	302	316	390	397	384	418	438
Other countries									
Brazil	0	39	75	129	249	223	228	221	258
Communist countries									
USSR and Eastern Europe	454	789	1,210	1,880	2,390	2,360	2,300	2,330	2,380
USSR ^a	347	604	914	1,450	1,880	1,860	1,795	1,812	1,850
Eastern Europe	107	185	295	427	508	505	506	514	527
Bulgaria	0	0	4	19	30	30	25	25	26
Czechoslovakia	0	20	50	57	60	63	66	67	71
East Germany ^b	87	95	118	144	150	155	155	155	152
Poland	20	39	62	108	118	111	100	120	119
Romania	0	31	61	99	150	146	160	147	159

^a Estimated.

^b Including Pervinan and Plastikator.

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Table 137
Synthetic Fibers Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	307.2	806.0	1,626.7	2,664.4	3,571.4	3,621.4	2,922.4	3,416.0	3,389.1
Japan	118.3	379.6	1,027.9	1,062.0	1,400.4	1,368.0	1,294.8	1,438.8	1,414.8
European Community	204	586	1,370	1,710	1,840	1,940	1,810	1,940	2,020
France	45.3	92.8	175.2	208.8	224.4	232.8	205.2	207.6	210.0
Italy	33.7	109.8	241.7	316.8	399.6	482.4	489.6	540.0	600.0
United Kingdom ^b	61.0	148.0	336.9	361.2	288.0	247.2	202.8	225.6	234.0
West Germany	52.3	179.3	497.0	633.6	721.2	768.0	702.0	754.8	771.6
Other countries									
South Korea	NEGL	1.8	46.2	267.9	648.0	614.4	NA	NA	NA
Communist countries									
USSR and Eastern Europe	35.5	136	361	819	1,200	1,290	1,360	1,450	NA
USSR	15.0	77.0	167.0	365.0	570.0	609.0	655.0	708.0	745.0
Eastern Europe	20.5	58.7	194	454	630	677	706	743	NA
Bulgaria	0	0	23.1	41.7	55.5	58.6	62.1	61.9	NA
Czechoslovakia	3.4	9.8	31.4	69.4	106.3	165.1	179.9	185.8	189.0
East Germany	7.8	19.0	47.3	111.8	138.7	146.2	149.0	151.0	155.0
Hungary	0.4	2.3	5.6	11.3	20.6	21.3	20.3	21.0	22.2
Poland	8.0	24.3	57.5	124.2	168.0	139.1	134.5	152.4	160.3
Romania	0.9	3.3	29.5	95.6	141.0	146.4	159.7	171.2	NA
Other									
Yugoslavia	NA	1.1	8.7	18.5	49.9	51.0	61.2	74.1	100.0

^a Data are for noncellulosic fibers whether made of natural polymers, which are based on materials such as casein or groundnuts, or made of synthetic polymers, which are based mostly on coal or petroleum. Data exclude waste, glass fibers, and rubber fibers.

^b "Delivery weight," approximately 3 percent less than "actual weight," prior to mid-1967. Thereafter, approximately one-half of production is reported as "actual weight."

Thousand kilowatts

Table 138
Electric Generator Production ^a

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States ^b	12,899	15,451	27,565	30,496	21,122	15,435	9,986	12,000	NA
Communist countries									
USSR	7,900	14,390	10,578	17,100	16,100	13,900	12,700	12,600	13,700
Bulgaria	29	13	37	32	71	202	228	85	NA
Czechoslovakia ^c	1,391	888	1,487	1,474	879	1,404	1,189	869	NA
Hungary ^{c d}	357	416	473	752	487	161	428	NA	NA
Romania	83	295	747	1,479	1,111	772	929	606	NA
China	NA	800	2,300	NA	4,193	1,395	1,677	2,728	4,650

^a Turbogenerators and hydrogenerators. Production of diesel generators is believed to be negligible in most instances.
^b Shipments of units of 4,000 kilowatts and larger.

^c Generators for steam and gas turbines only.
^d Thousand kilovolt amperes.

Table 139
Turbine Production ^a

Thousand kilowatts

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States ^b	12,899	15,451	27,565	30,496	21,122	15,435	9,986	12,000	NA
Communist countries									
USSR ^c	9,200	14,625	16,191	18,886	19,600	14,600	17,300	15,500	21,300
Czechoslovakia	1,555	1,994	2,239	1,720	1,120	1,671	2,104	1,503	NA
Poland ^d	186	471	1,135	1,820	1,318	968	893	587	NA
Romania ^e	98	27	121	712	497	337	597	257	NA

^a Unless otherwise indicated, data are for steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electricity. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

^b Shipments of units of 4,000 kilowatts and larger. Data are available only for turbines produced in integral units together with generators. Therefore, data for turbines and generators for the United States are assumed to be the same. Some turbines are produced in single units, but no data are available on this production.

^c Including a number of gas turbines.
^d Steam turbines only.
^e Steam turbines of more than 500 kilowatts only.

Table 140
Housing Construction ^a*Million square meters*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States ^b	145.4	159.5	152.3	161.6	181.5	153.6	120.6	171.6	185.3
USSR	109.6	97.6	106.0	109.9	105.0	106.4	107.9	112.4	113.7

^a Total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

^b Excluding mobile homes.

Table 141
Metalcutting Machine Tool Production ^a*Thousand units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States ^b	42.91	68.01	49.31	64.32	61.37	72.01	49.10	35.40	34.45
Communist countries									
USSR and Eastern Europe									
USSR	155.92	186.13	202.16	231.35	216.00	205.00	195.00	190.00	188.00
Eastern Europe									
Bulgaria	3.15	8.06	13.94	16.28	18.87	18.67	17.90	15.12	15.04
Czechoslovakia	30.23	24.33	35.19	29.66	36.90	34.70	37.10	35.40	33.70
East Germany	41.90	24.77	22.22	19.72	17.50	16.80	18.00	20.40	23.10
Hungary	9.78	13.85	14.48	12.83	10.20	10.90	13.10	12.80	12.54
Poland	22.47	31.13	29.73	33.19	28.20	30.50	32.20	37.40	37.80
Romania	4.44	7.16	14.14	28.27	29.40	36.70	37.90	59.00	63.00
Other									
China	NA	40.00	140.00	175.00	134.00	103.00	100.00	118.00	131.40

^a Power-driven metalcutting machines that are not portable by hand and are used to remove metal in the form of chips; these machines include lathes and planers and milling,

honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

^b Average value of \$1,000 and over for 1960-75 and beginning in 1980, \$2,500 and over.

Table 142
Metalforming Machine Tool Production ^a*Thousand units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States ^b	19.3	25.3	24.2	26.8	30.3	21.7	18.3	31.5	34.1
USSR	29.9	34.6	41.3	50.5	57.2	57.1	57.3	57.4	55.3

^a Power-driven metalforming machine tools that are not supported in the hands of an operator when in use and are designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

^b Average value of \$1,000 and over for 1960-75 and beginning in 1980, \$2,500 and over.

Table 143
Grain Combine Production ^a*Units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States ^b	30,165	37,606	21,017	31,259	28,502	32,062	22,726	13,673	NA
Communist Countries									
USSR and Eastern Europe	67,000	94,200	103,000	108,000	NA	NA	NA	NA	NA
USSR	59,000	85,800	99,200	97,500	117,000	106,000	112,000	118,000	118,000
Eastern Europe	8,040	8,380	4,230	10,800	NA	NA	NA	NA	NA
East Germany	1,972	1,585	900	1,500	NA	NA	NA	NA	NA
Poland	564	1,781	2,155	3,591	4,593	4,255	4,500	4,600	4,800
Romania	5,500	5,012	1,179	5,659	4,890	6,017	4,800	5,094	NA

^a Tractor-drawn and self-propelled.

^b Shipments.

Table 144
Tractor Production ^a*Thousand units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	178.5	271.8	191.7	232.0	155.4	149.8	80.8	51.9	66.6
Japan	NA	NA	33.8 ^b	207.3	203.0	178.8	179.4	171.0	201.4
European Community									
France	63.4	90.0	68.8	55.8	39.1	38.3	40.2	38.6	36.2
Italy	37.6	62.7	84.8	116.4	128.3	109.0	92.8	88.4	92.3
United Kingdom ^c	181.0	178.5	160.7	141.7	103.3	85.0	81.0	79.0	91.0
West Germany ^d	120.7	105.0	105.4	114.1	94.6	97.0	106.0	101.0	115.0
Communist countries									
USSR and Eastern Europe	308	443	569	697	728	721	724	741	753
USSR	238.5	354.5	458.5	550.4	555.0	559.0	555.0	564.0	571.0
Eastern Europe	70.0	88.2	111	147	173	162	169	177	182
Bulgaria	0	3.8	3.5	5.1	6.8	6.6	6.2	5.9	5.8
Czechoslovakia	32.5	32.1	18.5	29.6	33.4	32.1	33.5	34.2	34.2
East Germany	9.1	12.9	16.4	4.0	4.4	4.3	4.4	3.7	2.1
Hungary	2.6	3.0	1.9	0.6	0.1	0.2	0.3	0.4	0.1
Poland	8.7	20.6	41.0	57.6	57.5	50.5	53.0	55.5	58.8
Romania	17.1	15.8	29.3	50.0	70.9	68.1	71.8	77.1	80.8
Other									
China	10.8	13.7	24.0	NA	98.0	53.0	40.0	37.0	39.7
Yugoslavia	7.3	7.4	12.0	33.2	50.7	54.7	52.3	55.9	59.7

^a Excluding garden-type tractors.^b Data are for 1971.^c Shipments.^d Excluding single-axle tractors.

Thousand units

Table 145
Passenger Automobile Production

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^a	6,675	9,306	6,547	6,713	6,400	6,225	5,049	6,739	7,621
Canada	326	707	923	1,045	847	803	808	969	1,060
Japan	165	696	3,179	4,568	7,038	6,978	6,336	7,156	7,073
Spain	NA	160	455	702	1,026	862	916	1,152	1,100
European Community	4,920	7,130	9,410	8,530	9,450	8,830	9,140	9,770	9,400
France	1,136	1,374	2,458	2,951	3,487	2,953	3,086	3,359	2,890
Italy ^b	596	1,104	1,720	1,348	1,445	1,256	1,296	1,386	1,700
United Kingdom	1,353	1,722	1,641	1,268	924	955	888	1,045	910
West Germany	1,817	2,734	3,528	2,905	3,512	3,590	3,776	3,878	3,788
Other countries									
Brazil ^c	57	114	255	554	652	434	494	576	515
Communist countries									
USSR and Eastern Europe	272	411	704	1,780	2,150	2,040	2,020	2,070	NA
USSR	139	201	344	1,201	1,327	1,324	1,307	1,315	1,327
Eastern Europe	133	210	360	577	822	714	713	754	NA
Bulgaria	0	0	2	11	22	21	24	29	34
Czechoslovakia	56	78	143	175	184	181	174	178	180
East Germany	64	103	127	159	177	180	183	188	202
Poland ^d	12	25	64	164	351	240	228	269	279
Romania ^e	1	4	24	68	88	92	104	90	NA
Other									
Yugoslavia ^c	4	36	111	183	255	242	213	220	244

^a Factory sales. Starting in 1980 excluding passenger vans.

^b Excluding production for the armed forces.

^c Including vehicles assembled from imported parts.

^d Excluding special passenger cars.

^e Including jeeps.

Table 146
Truck and Bus Production ^a*Thousand units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD ^b									
United States ^c	1,194	1,752	1,692	2,272	1,667	1,701	1,906	2,414	3,075
Canada	72	145	236	379	528	520	468	554	810
Japan	595	1,222	2,126	2,376	4,006	4,206	3,857	3,966	4,037
Spain	17	74	77	113	146	127	102	31	30
European Community	982	1,020	1,210	1,120	1,460	1,200	1,140	1,180	1,050
France	234	242	292	336	505	473	446	457	410
Italy ^d	49	72	134	109	167	175	156	179	140
United Kingdom	458	455	458	380	389	229	269	245	224
West Germany	238	243	318	288	380	312	258	283	264
Other countries									
Brazil	76	72	161	395	516	341	346	320	NA
Communist countries									
USSR and Eastern Europe	452	505	728	977	NA	NA	NA	NA	NA
USSR	385	415	572	763	872	874	866	875	880
Eastern Europe	67	90	156	214	NA	NA	NA	NA	NA
Bulgaria	0	0	3	6	NA	NA	NA	NA	NA
Czechoslovakia ^e	18	18	27	33	46	46	47	46	47
East Germany	13	16	27	38	40	41	41	41	41
Hungary ^e	4	6	10	13	29	29	29	32	29
Poland	23	34	53	85	67	53	48	52	55
Romania	9	16	37	39	36	NA	NA	NA	NA
Other									
China ^f	15	30	70	133	222	176	196	240	315
North Korea	3	4	8	10	12	13	14	15	16
Yugoslavia	6	12	17	19	21	20	20	16	16

^a Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

^b Data include complete units exported for assembly.

^c Factory sales, including passenger vans starting in 1980.

^d Excluding production for the armed forces.

^e Excluding wheeled tractors.

^f Excluding buses, jeeps, and three-wheel trucks.

Table 147
Railroad Freight Car Production ^a*Thousand units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	57.31	77.83	66.18	72.39	85.92	44.90	17.24	5.77	12.40
European Community									
France ^b	7.93	15.04	14.23	9.62	5.60	6.55	3.83	3.00	2.90
West Germany	6.63	11.31	9.60	6.96	10.60	9.50	NA	2.75	NA
Other countries									
India ^c	11.90	33.50	11.98	12.24	11.40	16.54	15.80	16.40	15.40
Communist countries									
USSR and Eastern Europe	64.7	72.9	97.5	117	106	95.1	88.4	NA	NA
USSR	36.40	39.60	58.30	69.90	63.00	61.00	58.60	58.40	58.70
Eastern Europe	28.3	33.3	39.2	47.4	43.2	34.1	29.8	NA	NA
Bulgaria	2.01	1.58	1.99	2.51	3.00	3.05	2.98	3.10	NA
Czechoslovakia	5.15	4.30	4.35	5.03	7.27	7.38	6.52	5.57	NA
East Germany	2.14	2.17	5.71	5.05	4.46	4.81	3.81	3.15	NA
Hungary	0.45	0.55	0.50	0.48	0.03	NEGL	0.01	NA	NA
Poland	13.90	16.30	15.46	18.74	15.20	9.10	6.40	6.05	6.36
Romania	4.62	8.58	11.16	15.59	13.24	9.77	10.03	11.30	NA
Other									
China	23.00	6.60	8.00	14.50	10.57	8.78	10.56	15.78	NA
North Korea	0.60	1.60	3.50	4.00	4.50	4.60	4.70	4.80	4.90
Yugoslavia	3.42	4.85	2.61	3.33	2.13	2.69	3.03	3.16	NA

^a Units of two, four, or more axles. Most production now consists of four-axle units.

^b Shipments.

^c Four wheelers only.

Table 148
Rubber Tire Production ^a*Thousand units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	123,059	172,532	193,971	191,999	159,263	181,762	178,500	186,923	209,375
Japan ^c	10,100	28,432	63,828	74,580	113,004	127,788	125,292	134,616	135,360
European Community									
France ^d	16,518	23,374	39,415	39,365	50,544	43,224	41,484	47,328	50,940
Italy ^c	NA	NA	22,383	25,716	52,320	48,600	44,364	37,944	39,900
United Kingdom ^c	15,904	23,394	30,540	26,008	26,346	23,724	24,376	23,976	24,115
West Germany ^c	14,745	25,566	37,548	32,016	37,848	35,412	35,952	37,668	39,288
Communist countries									
USSR and Eastern Europe	25,300	38,700	52,300	76,900	89,900	88,700	88,700	90,700	NA
USSR	17,225	26,434	34,620	51,480	60,100	60,500	61,700	62,000	63,700
Eastern Europe	8,070	12,300	17,700	25,400	29,800	28,200	27,100	28,700	NA
Bulgaria	204	474	919	1,736	2,117	2,153	2,212	2,317	NA
Czechoslovakia	2,387	2,995	3,933	5,945	6,740	6,844	6,198	6,217	6,500
East Germany	2,714	3,750	4,692	6,272	7,067	7,026	7,051	7,380	7,764
Hungary	551	921	1,090	1,013	840	838	735	735	794
Poland	1,862	2,818	4,516	6,644	8,020	6,134	5,322	6,695	NA
Romania	351	1,329	2,508	3,786	5,046	5,170	5,445	5,346	5,882
Other									
China	NA	2,300	4,200	7,000	11,000	7,300	8,640	12,710	15,345
Cuba	325	197	202	368	387	326	218	353	449
Yugoslavia	391	955	2,763	5,110	9,584	10,512	9,388	9,423	9,858

^a Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.^b Excludes motorcycle tires after 1975.^c Excluding motorcycle tires.^d Excluding motorcycle, tractor, and agricultural tires.

Table 149
Cement Production ^a*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	186	250	318	336	383	374	354	358	356
United States	56.06	65.08	67.43	61.82	68.24	65.05	57.47	63.88	70.76
Canada	5.34	7.66	7.28	9.74	10.34	10.15	8.14	7.80	8.66
Japan	22.54	32.49	57.19	65.52	87.96	84.83	79.21	80.89	78.85
Spain	5.23	9.88	16.70	24.10	28.01	28.75	29.60	31.21	25.86
Turkey	2.04	3.24	6.37	10.86	14.81	15.04	15.72	13.60	15.94
European Community	79.0	110	137	137	148	142	136	134	130
Belgium	4.39	5.90	6.73	6.89	7.49	6.70	6.32	5.72	5.76
France	14.35	22.42	29.01	29.71	29.10	28.22	26.15	24.50	23.08
Italy	16.01	20.70	33.08	34.24	41.86	42.10	40.25	39.77	38.89
United Kingdom	13.50	16.98	17.17	16.90	14.81	12.73	12.96	13.39	13.49
West Germany	24.90	34.13	38.32	33.50	34.26	31.50	30.37	29.57	28.72
Other countries									
Brazil	4.74	5.87	9.00	16.74	27.19	26.05	25.44	20.88	19.04
India	7.84	10.58	13.96	16.24	17.70	20.77	22.50	25.36	29.03
Mexico	3.09	4.30	7.27	11.70	16.26	17.84	19.10	17.03	18.30
Communist countries									
USSR and Eastern Europe	68.4	104	137	180	191	189	186	190	193
USSR	45.52	72.39	95.25	122.06	125.05	127.17	123.68	128.16	130.00
Eastern Europe	22.9	31.8	42.1	58.1	66.0	61.9	62.0	61.4	62.6
Bulgaria	1.59	2.68	3.67	4.36	5.36	5.45	5.62	5.64	5.71
Czechoslovakia	5.05	5.71	7.40	9.30	10.55	10.64	10.32	10.50	10.53
East Germany	5.03	6.09	7.98	10.66	12.44	12.20	11.72	11.78	11.56
Hungary	1.57	2.38	2.77	3.76	4.66	4.63	4.37	4.25	4.14
Poland	6.60	9.57	12.18	18.54	18.44	14.23	16.03	16.16	16.66
Romania	3.05	5.41	8.13	11.52	14.60	14.75	13.93	13.03	14.02
Other									
China	12.00	16.28	26.60	47.10	79.86	84.00	95.00	106.00	121.08
Cuba	0.80	0.80	0.74	2.08	2.83	3.29	3.16	3.10	3.34
North Korea	2.30	2.40	2.80	5.00	6.60	7.00	7.40	7.70	8.00
Yugoslavia	2.40	3.10	4.40	7.07	9.31	9.78	9.72	9.59	9.32

^a All types of hydraulic cements used in construction.

Table 150
Newsprint Production*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	12,700	15,100	18,800	17,400	22,000	22,800	21,300	21,900	23,500
United States	1,818	1,978	3,035	3,153	4,239	4,753	4,574	4,688	5,025
Australia	90	95	173	196	222	215	364	376	378
Canada	6,068	7,003	7,996	7,056	8,621	8,946	8,117	8,495	9,016
Finland	781	1,213	1,305	1,028	1,430	1,556	1,297	1,285	1,538
Japan	732	1,184	1,917	2,160	2,674	2,575	2,580	2,562	2,554
New Zealand	91	199	214	219	319	323	322	NA	NA
Norway	226	308	554	436	588	696	662	704	839
Sweden	582	679	1,030	1,188	1,534	1,592	1,322	1,363	1,507
European Community	2,030	2,090	2,170	1,510	1,780	1,560	1,450	1,450	1,680
France	551	450	430	256	260	246	248	217	270
Italy	259	379	311	240	271	234	198	193	206
United Kingdom	753	780	757	316	364	113	86	79	220
West Germany	230	216	408	482	593	670	662	660	694
Other countries									
South Africa	0	54	160	210	226	302	362	240	NA
South Korea	27	45	102	107	214	236	212	208	216
Communist countries									
USSR and Eastern Europe	678	1,050	1,420	1,660	1,920	1,910	1,870	1,880	NA
USSR	434	744	1,101	1,361	1,535	1,532	1,508	1,528	1,552
Eastern Europe	244	303	319	300	380	379	361	348	NA
Czechoslovakia	34	78	81	77	70	76	79	68	72
East Germany	89	94	97	96	116	118	113	106	NA
Poland	77	79	88	83	91	82	78	83	84
Romania	44	52	53	44	103	103	91	91	NA
Other									
Cuba ^a	NA	NA	19	32	37	40	36	NA	NA
Yugoslavia	28	46	75	85	45	52	29	28	29

^a Printing and writing paper.

Table 151
Plywood Production*Thousand cubic meters*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD	12,400	19,800	26,200	25,400	27,900	28,200	24,300	28,400	30,600
United States	7,910	12,811	14,078	14,579	14,857	16,300	13,300	17,090	19,116
Canada	1,000	1,702	1,851	2,051	2,338	2,086	1,682	2,064	1,846
Finland	414	545	706	415	639	603	596	580	600
Japan	1,286	2,627	6,922	6,168	8,000	7,096	6,740	6,740	7,150
Spain	75	131	225	266	162	110	150	120	130
European Community	1,350	1,670	1,900	1,570	1,570	1,600	1,460	1,430	1,430
France	390	477	643	551	527	516	477	483	463
Italy	150	300	420	400	400	500	462	420	370
West Germany	660	670	569	400	429	354	331	334	360
Other countries									
Brazil	98	220	342	660	826	902	902	902	930
Malaysia	2	28	197	404	601	603	787	787	650
Philippines	287	257	653	423	553	463	434	469	438
Singapore	NA	32	215	334	482	482	482	482	482
South Korea	29	215	847	1,436	1,575	1,599	1,423	1,491	NA
Communist countries									
USSR and Eastern Europe	1,690	2,260	2,600	2,850	2,710	2,680	NA	NA	NA
USSR	1,354	1,756	2,045	2,196	2,022	2,035	2,015	2,103	2,349
Eastern Europe	333	506	558	658	684	646	NA	NA	NA
Bulgaria	64	81	71	65	56	53	57	55	53
Czechoslovakia	46	55	57	113	137	136	152	146	NA
East Germany	60	67	73	78	82	76	76	77	NA
Hungary	22	20	12	5	5	5	NA	NA	NA
Poland	73	83	99	128	131	116	104	109	NA
Romania	68	200	246	269	273	260	252	233	NA
Other									
Yugoslavia	61	111	103	126	117	102	96	92	94

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Table 152
Total Grain Production ^a*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Developed countries									
United States	181.26	183.46	186.72	249.17	269.68	333.43	332.94	207.50	313.88
Australia	10.81	9.68	12.86	17.73	16.36	23.55	14.05	30.93	28.02
Canada	25.39	30.56	26.47	35.26	39.81	49.32	51.78	46.42	41.81
Japan	20.18	18.24	17.00	17.60	13.17	13.80	13.98	14.04	16.00
New Zealand	0.38	0.47	0.58	0.65	0.75	0.79	0.71	0.72	0.94
South Africa	6.52	6.19	8.06	11.50	13.02	17.74	11.15	6.13	7.20
Spain	7.27	8.86	10.30	14.20	18.64	11.57	13.14	13.82	20.90
Turkey	12.12	12.63	15.66	21.91	24.21	25.28	26.06	24.04	25.56
European Community	71.1	84.1	90.3	100	125	122	131	124	150
France	23.02	29.05	31.29	35.12	47.36	44.50	48.19	46.16	57.15
Italy	11.98	14.52	16.15	17.15	17.99	18.46	18.33	17.82	20.04
United Kingdom	9.46	13.62	13.01	13.82	19.42	19.58	21.87	21.45	26.27
West Germany	15.06	13.47	16.07	20.08	22.41	22.24	23.90	22.54	26.02
Other countries									
Argentina	12.57	16.54	19.66	22.79	18.27	29.71	34.08	30.57	31.24
Bangladesh	14.57	15.82	16.86	19.28	21.66	21.55	22.29	22.85	21.90
Brazil	14.61	19.66	22.78	26.19	33.19	32.00	33.71	29.08	32.46
Colombia	1.56	1.81	1.67	2.83	3.24	3.34	3.54	3.29	3.20
Egypt	5.43	6.14	6.62	7.36	7.52	7.59	7.93	8.08	7.79
India	78.97	73.06	101.80	117.35	131.15	137.45	127.52	154.10	156.48
Indonesia	15.35	15.42	22.15	25.26	33.65	37.29	36.82	40.33	41.50
Mexico	7.36	11.32	14.99	16.62	21.11	25.53	20.20	22.41	26.41
Pakistan	6.24	4.46	11.75	12.82	16.86	17.96	17.86	19.05	17.57
Peru	1.13	1.19	1.32	1.48	1.14	1.62	1.58	1.44	1.78
Thailand	8.38	12.26	15.47	18.39	20.60	21.50	20.12	22.41	23.57
Venezuela	0.51	0.72	0.86	1.09	1.55	1.48	1.45	1.26	1.46
Zimbabwe	1.01	0.95	0.79	2.03	1.88	3.09	1.77	1.08	1.60

Table 152 (continued)
Total Grain Production ^a*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Communist countries									
USSR and Eastern Europe	173	174	242	213	270	240	269	275	267
USSR ^b	125.56	121.06	186.80	140.12	189.09	160.00 ^c	180.00 ^c	190.00 ^c	170.00 ^c
Eastern Europe ^d	47.2	53.3	55.1	73.1	80.7	79.6	88.9	84.7	96.7
Bulgaria ^e	4.97	5.35	6.91	7.87	7.81	8.64	10.18	8.08	9.43
Czechoslovakia	4.84	5.23	7.20	9.28	10.70	9.40	10.28	11.04	12.00
East Germany	6.38	6.73	6.46	8.91	9.63	8.86	10.02	10.07	11.50
Hungary	6.90	7.41	7.62	12.19	14.01	12.89	14.92	13.76	15.70
Poland	14.30	16.01	16.25	19.56	18.34	19.72	21.17	22.10	24.40
Romania	9.83	12.60	10.63	15.27	20.20	20.08	22.33	19.61	23.60
Other									
Cambodia ^f	NA	NA	NA	NA	1.60	1.60	1.90	1.80	1.60
China ^g	140.30	194.52	239.96	284.52	320.52	325.02	353.43	387.28	407.12
Cuba ^h	0.41	0.08	0.31	0.36	0.37	0.34	0.39	NA	NA
Laos ^f	NA	NA	0.80	NA	1.10	1.20	1.10	1.10	1.30
North Korea	2.66	3.15	3.50	5.40	4.60	6.30	6.70	6.40	6.60
Vietnam ⁱ	NA	NA	NA	11.50	14.40	15.10	16.20	16.80	17.30
Yugoslavia	10.93	10.58	11.61	15.01	15.65	15.23	17.41	17.24	18.10

^a Data are for the following products, where they are produced: barley, corn, oats, rice, rye, sorghum, and wheat.

^b Including miscellaneous grains and pulses. Measured in bunker weight, that is, gross output from the combine which includes excess moisture, unripe and damaged kernels, weed seeds, and other trash. For comparison with US or other country grain output, an average discount of 11 percent should be applied.

^c United States Department of Agriculture estimates.

^d Including miscellaneous grains.

^e Including pulses.

^f Data reflect only rice production.

^g Including soybeans, broad beans, and field peas. Tubers are included on a grain equivalent basis of 5 metric tons of tubers to 1 metric ton of grain.

^h Data reflect only government collections of corn and rice; total production of grains is somewhat higher.

ⁱ Including corn, manioc, sweet potatoes, and soybeans on a paddy-equivalent basis (1 ton paddy=0.63 tons of grain or rice).

Table 153
Wheat Production*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	36.87	35.80	36.78	57.89	64.62	76.17	76.54	66.01	70.64
Australia	7.45	7.07	7.89	11.98	10.86	16.36	8.88	21.78	18.52
Canada	14.11	17.67	9.02	17.08	19.29	24.80	26.79	26.92	21.20
Spain	3.52	4.72	4.13	4.30	6.04	3.41	4.41	4.33	6.04
Turkey	7.00	7.43	10.08	14.83	16.55	17.00	17.54	16.40	17.20
European Community	29.5	37.3	36.7	40.2	55.1	54.4	59.9	58.3	76.1
France	11.01	14.76	12.92	15.01	23.68	22.86	25.34	24.78	32.88
Italy	6.79	9.78	9.69	9.61	9.16	8.83	8.90	8.51	10.00
United Kingdom	3.04	4.17	4.24	4.49	8.47	8.71	10.32	10.88	14.90
West Germany	4.82	4.22	5.66	7.01	8.16	8.31	8.63	9.00	10.20
Other countries									
Argentina	4.20	6.08	4.92	8.57	7.78	8.30	15.13	11.70	13.00
India	10.32	12.26	20.09	24.10	31.83	36.31	37.45	42.50	45.15
Iran	2.60	2.90	4.26	5.57	6.00	6.52	6.50	6.67	6.00
Pakistan	3.91	4.59	7.29	7.67	10.86	11.47	11.30	12.41	11.05
Communist countries									
USSR and Eastern Europe	77.3	78.2	119	90.3	127	106	115	108	111
USSR ^a	64.30	59.69	99.73	66.22	98.18	80.00 ^b	86.00 ^b	79.00 ^b	75.00 ^b
Eastern Europe	13.0	18.6	19.1	24.1	29.1	26.0	29.0	29.4	35.6
Bulgaria	2.38	2.92	3.03	3.00	3.85	4.44	4.91	3.61	4.88
Czechoslovakia	1.50	1.99	3.17	4.20	5.39	4.32	4.61	5.82	6.70
East Germany	1.46	1.80	2.13	2.74	3.10	2.94	2.74	3.55	4.06
Hungary	1.77	2.45	2.72	4.01	6.08	4.61	5.76	5.99	7.30
Poland	2.30	3.34	4.61	5.21	4.18	4.20	4.48	5.19	6.00
Romania	3.55	6.06	3.40	4.91	6.47	5.47	6.51	5.25	6.70
Other									
China	22.17	25.22	29.18	45.31	54.16	58.49	68.42	81.39	87.68
Yugoslavia	3.57	3.46	3.79	4.40	5.09	4.27	5.22	5.52	5.80

^a Measured in bunker weight, that is, gross output from the combine which includes excess moisture, unripe and damaged kernels, weed seeds, and other trash. For comparison

with US or other country grain output, an average discount of 11 percent should be applied.

^b United States Department of Agriculture estimates.

Table 154
Coarse Grains Production ^a*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	141.91	144.20	146.14	185.46	198.43	248.97	250.72	137.12	236.97
Canada	11.28	12.89	17.45	18.19	20.51	24.51	25.05	19.83	20.61
Spain	3.39	3.80	5.79	9.52	12.17	7.71	8.33	9.26	14.42
Turkey	4.95	5.05	5.34	6.84	7.42	7.96	8.52	7.60	8.36
European Community	40.9	46.1	52.6	58.8	68.7	67.0	70.4	63.7	73.0
Denmark ^b	3.94	5.17	5.58	5.69	6.40	6.43	6.77	4.85	6.83
France	11.90	14.20	18.28	20.07	23.65	21.62	22.83	21.41	24.27
Italy	4.57	4.23	5.64	6.53	7.87	8.73	8.36	8.29	9.01
United Kingdom	6.42	9.44	8.77	9.33	10.95	10.87	11.56	10.57	11.37
West Germany	10.25	9.25	10.41	13.07	14.25	13.93	15.27	13.54	15.82
Other countries									
Argentina	8.22	10.30	14.34	13.87	10.23	21.12	18.64	17.99	17.77
Brazil	9.10	11.44	14.29	16.62	20.71	21.56	22.15	19.06	21.61
India	16.64	14.87	18.31	19.90	19.01	21.25	19.30	21.72	21.34
Mexico	5.84	8.96	11.91	13.10	17.86	21.70	15.22	18.53	21.51
South Africa	5.76	5.06	6.67	9.70	11.55	15.40	8.73	4.36	5.04
Communist countries									
USSR and Eastern Europe	95.2	95.4	122	121	140	124	145	154	145
USSR ^c ^d	61.08	60.79	85.78	71.88	88.30	72.00 ^e	86.00 ^e	99.00 ^e	84.00 ^e
Eastern Europe	34.1	34.7	35.8	48.8	51.4	51.9	59.7	55.0	61.2
Bulgaria	2.56	2.39	3.81	4.81	3.89	4.12	5.18	4.39	4.50
Czechoslovakia	3.34	3.24	4.03	5.08	5.31	5.08	5.67	5.22	5.30
East Germany ^c	4.92	4.93	4.32	6.17	6.53	5.92	7.28	6.52	7.70
Hungary	5.08	4.94	4.85	8.13	7.86	8.19	9.07	7.70	8.40
Poland ^c	12.00	12.67	11.64	14.35	14.16	15.52	16.69	16.93	18.40
Romania	6.22	6.49	7.17	10.29	13.69	13.04	15.78	14.27	16.90
Other									
Cuba ^f	0.10	0.03	0.02	0.02	0.01	0.01	0.01	NA	NA
Yugoslavia	7.34	7.10	7.79	10.57	10.52	10.92	12.15	12.46	12.30

^a Data are for the following products, where they are produced: barley, corn, oats, rye, and sorghum.

^b Excluding corn.

^c Unless otherwise indicated, data include miscellaneous grains.

^d Measured in bunker weight, that is, gross output from the combine, which includes excess moisture, unripe and damaged kernels, weed seeds, and other trash. For comparison with US or other country grain output, an average discount of 11 percent should be applied.

^e United States Department of Agriculture estimates.

^f Corn only. Data reflect government collections only. Total production is somewhat higher.

Table 155
Rice Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	2,477	3,460	3,801	5,826	6,629	8,289	6,969	4,523	6,267
Japan	16,072	15,515	15,861	17,097	12,189	12,824	12,838	12,958	14,850
European Community	779	712	985	1,150	1,080	991	1,120	1,140	NA
Italy	622	509	819	1,010	968	893	1,008	1,021	1,027
Other countries									
Bangladesh	14,522	15,751	16,733	19,582	20,821	20,444	21,322	21,751	20,700
Brazil	5,392	5,802	5,394	7,782	9,776	8,228	9,716	7,750	9,023
Burma	6,850	8,258	8,162	9,208	13,317	14,147	14,373	14,392	14,500
India	52,011	45,982	63,401	73,352	80,312	79,883	70,772	89,579	90,000
Indonesia	14,953	15,063	19,324	22,340	29,652	32,774	33,584	35,237	37,500
South Korea	4,151	4,770	5,471	6,485	5,311	7,149	7,308	7,608	7,970
Thailand	9,475	10,978	13,570	15,300	17,368	17,774	16,878	18,535	19,200
Communist countries									
USSR and Eastern Europe	313	683	1,460	2,210	2,920	2,580	2,670	2,900	3,000
USSR	187	583	1,279	2,009	2,791	2,400 ^b	2,400 ^b	2,700 ^b	2,800 ^b
Eastern Europe	126	100	176	206	130	178	169	205	195
Bulgaria	32	33	66	68	67	74	75	74	70
Hungary	45	21	45	69	24	39	48	47	50
Romania	49	46	65	69	39	49	46	84	75
Other									
Cambodia	NA	NA	NA	NA	1,600	1,600	1,900	1,800	1,600
China	59,730	87,720	109,990	125,560	139,255	143,205	161,240	168,870	178,090
Cuba ^c	306	50	291	338	352	329	372	NA	NA
Laos	NA	NA	800	NA	1,100	1,200	1,100	1,100	1,300
North Korea	1,100	1,300	1,400	2,100	1,500	2,400	2,500	2,600	2,700
Vietnam ^d	4,212	4,600	4,500	4,500	11,700	12,500	13,780	14,800	14,900
Yugoslavia	22	25	32	37	42	42	42	43	43

^a Rough, or paddy, rice. Data refer to crops harvested in the last half of the year stated, combined with crops harvested in the first half of the following year.

^b US Department of Agriculture estimates.

^c Milled rice. Data reflect government collection only.

^d Prior to 1980, data for North Vietnam.

Table 156
Potato Production*Million metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	11.68	13.14	14.78	14.60	13.74	15.36	15.96	15.14	16.27
Austria	3.81	2.54	2.70	1.58	1.26	1.31	1.12	1.02	1.02
Canada	2.06	2.11	2.30	2.20	2.47	2.68	2.80	2.52	2.70
Japan	3.59	4.06	3.62	3.26	3.42	3.10	3.78	3.57	3.58
Spain	4.62	4.00	5.30	5.34	5.74	5.47	5.22	5.10	5.90
European Community	61.8	48.1	47.2	34.1	35.2	34.8	35.1	29.0	34.1
France	15.89	11.07	8.90	6.64	6.62	6.44	6.79	5.32	5.90
Italy	3.82	3.55	3.67	2.94	2.92	2.88	2.62	2.54	2.98
Netherlands	3.97	3.24	5.65	5.00	6.27	6.44	6.22	5.46	6.20
United Kingdom	7.27	7.58	7.82	4.79	7.10	6.21	6.88	5.85	7.00
West Germany	24.54	18.09	16.25	10.85	7.93	8.42	7.82	6.09	7.40
Other countries									
Argentina	2.07	2.49	2.34	1.35	1.57	2.25	1.82	2.01	1.99
India	2.75	3.60	3.91	6.22	8.33	9.60	9.91	10.11	11.00
Communist countries									
USSR and Eastern Europe	149	152	169	151	111	135	129	135	142
USSR	84.37	88.68	96.78	88.70	67.02	72.14	78.18	82.90	85.30
Eastern Europe	64.3	63.4	72.4	62.0	43.7	62.6	50.9	52.1	56.4
Bulgaria	0.48	0.28	0.37	0.32	0.30	0.40	0.47	0.43	0.42
Czechoslovakia	5.09	3.68	4.79	3.56	2.70	3.74	3.61	3.18	3.70
East Germany	14.82	12.86	13.05	7.67	9.21	10.38	8.88	7.06	8.00
Hungary	3.00	1.76	1.81	1.27	0.94	1.11	0.97	0.79	1.00
Poland	37.90	42.66	50.30	46.43	26.39	42.56	31.95	34.47	37.40
Romania	3.01	2.19	2.06	2.72	4.13	4.45	5.01	6.21	5.90
Other									
China	NA	100.00	NA	NA	139.22	124.98	133.40	146.25	151.30
Cuba ^a	0.02	0.08	0.08	0.12	0.21	0.25	0.22	NA	NA
Yugoslavia	3.27	2.38	2.96	2.39	2.58	2.77	2.64	2.59	2.80

^a Data reflect government collections only; the total production is considerably higher.

Table 157
Sugar Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	3,637	4,871	5,327	5,955 ^c	5,313 ^c	5,789 ^c	5,418 ^c	5,215 ^c	5,287 ^c
Australia ^d	1,441	2,073	2,507	2,930	3,415	3,509	3,652	3,256	3,627
European Community	7,630	7,840	8,770	10,400	13,000	16,000	14,700	11,700	13,100
France	2,267	2,483	2,580	2,981	4,253	5,576	4,825	3,875	4,340
Italy	998	1,242	1,199	1,429	1,934	2,207	1,282	1,352	1,370
United Kingdom	860	967	925	724	1,202	1,187	1,544	1,185	1,360
West Germany	1,877	1,634	2,100	2,571	2,994	3,702	3,586	2,725	3,060
Other countries ^d									
Brazil	3,319	4,614	5,019	6,299	8,270	8,726	8,941	9,555	9,259
India	2,814	3,493	4,634	5,048	4,528	5,991	9,126	8,452	6,029
Mexico	1,530	2,120	2,402	2,636	2,719	2,642	2,739	3,076	3,226
Philippines	1,398	1,659	1,980	2,672	2,332	2,376	2,709	2,112	1,979
South Africa	952	1,014	1,649	1,968	1,780	1,987	2,371	1,584	2,276
Communist countries									
USSR and Eastern Europe ^e	11,100	16,200	15,200	16,000	14,900	15,000	18,000	18,500	NA
USSR	6,916	11,997	11,110	11,285	11,008	10,316	13,120	13,472	13,587
Eastern Europe	4,170	4,170	4,140	4,730	3,920	4,650	4,880	5,020	NA
Bulgaria	186	342	403	343	371	440	434	476	NA
Czechoslovakia	958	874	951	913	841	671	768	769	NA
East Germany	739	618	587	793	750	891	974	920	NA
Hungary ^f	381	428	280	308	468	490	459	477	407
Poland	1,484	1,505	1,509	1,857	982	1,550	1,649	1,823	NA
Romania	425	402	410	516	509	609	596	556	805
Other									
China ^b	NA	NA	NA	NA	2,570	3,166	3,384	3,771	3,740
Cuba ^g	5,942	6,156	8,538	6,314	6,665	7,359	8,207	7,224	NA
Yugoslavia	243	363	385	571	709	791	683	772	891

^a Unless otherwise indicated, data are for beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 92 percent of raw sugar weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane

and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

^b Including cane sugar.
^c Including Puerto Rico.

^d Cane sugar only.

^e Including raw cane sugar imported for refining.

^f White sugar equivalent.

^g Raw cane sugar of 96° polarization. Data are for crop years ending 30 June of the stated year.

Table 158
Fish Catch ^a*Thousand metric tons*

	1960	1965	1970	1975	1979	1980	1981	1982	1983
OECD									
United States	2,815	2,696	2,810	2,842	3,511	3,634	3,767	3,988	4,030
Canada	934	1,262	1,334	993	1,411	1,334	1,399	1,389	1,320
Iceland	593	1,199	734	995	1,645	1,515	1,442	789	840
Japan	6,207	6,929	8,825	9,895	9,945	10,426	10,671	10,775	11,270
Norway	1,543	2,312	2,906	2,484	2,658	2,409	2,552	2,500	2,720
Spain	970	1,355	1,532	1,512	1,205	1,265	1,256	1,351	1,240
European Community	3,670	4,200	4,610	4,940	4,720	5,020	5,060	5,250	4,970
Denmark	581	841	1,226	1,767	1,738	2,028	1,852	1,927	1,730
France	734	764	784	768	742	794	781	764	740
United Kingdom	924	1,047	1,076	954	891	832	868	902	870
West Germany	674	633	613	442	357	307	331	314	320
Other countries									
Chile	340	708	1,200	900	2,632	2,817	3,393	3,673	NA
India	1,161	1,331	1,756	2,266	2,340	2,442	2,444	2,335	NA
Indonesia	761	1,102	1,225	1,382	1,742	1,842	1,903	2,020	NA
Peru	3,727	7,632	12,535	3,446	3,715	2,735	2,740	3,452	NA
Philippines	466	686	1,031	1,443	1,475	1,557	1,687	1,788	NA
Thailand	221	627	1,444	1,553	1,946	1,793	1,989	1,920	NA
Communist countries									
USSR and Eastern Europe	3,890	6,400	8,810	11,700	10,800	11,000	10,900	11,300	NA
USSR ^b	3,541	5,774	7,828	10,357	9,359	9,526	9,600	10,000	9,900
Eastern Europe	349	624	978	1,350	1,400	1,440	1,330	1,300	NA
Bulgaria	8	17	84	151	136	164	144	140	151
Czechoslovakia	9	11	13	17	17	16	18	20	NA
East Germany	114	229	320	330	227	244	279	270	265
Hungary	15	20	26	31	33	34	39	43	NA
Poland	187	301	473	679	803	791	642	582	672
Romania	16	46	62	139	182	189	209	244	NA
Other									
Cuba	31	40	106	143	154	186	165	195	199
Yugoslavia	31	42	46	57	56	58	72	67	NA

^a Unless otherwise indicated, data are in terms of live weight for all species of fish and seaweed, crustaceans, and mollusks, but exclude aquatic mammals.

^b Including aquatic mammals.

Table 159
Cattle Numbers ^a*Million head*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	96.24	109.00	112.37	132.03	111.19	114.35	115.44	115.00	113.70
Australia	16.50	18.82	22.16	32.79	26.20	25.17	24.55	22.48	21.85
Canada	10.39	12.13	11.63	14.01	12.12	12.17	12.09	11.62	11.36
New Zealand	5.99	6.80	8.78	9.65	8.02	8.13	8.04	7.91	7.63
Turkey ^b	14.30	14.41	14.37	14.41	16.61	16.92	16.98	17.10	17.20
European Community	66.7	69.2	73.9	80.6	78.0	78.3	77.9	78.8	79.4
France	18.74	20.24	21.72	24.33	23.55	23.60	23.49	23.66	23.52
Italy ^b	9.40	9.23	9.61	8.24	8.81	8.84	8.90	9.13	9.22
United Kingdom	11.48	11.69	12.30	14.84	13.32	13.06	12.96	13.16	13.13
West Germany	12.48	13.05	14.29	14.43	15.05	15.07	15.00	15.10	15.55
Other countries									
Argentina	43.52	46.79	52.26	58.70	58.94	58.81	57.95	58.00	58.60
Brazil ^b	72.89	84.25	78.45	91.00	91.00	93.00	93.00	93.00	93.30
Colombia	15.00	17.00	20.20	23.22	24.23	24.40	24.23	24.00	23.86
Ethiopia	22.45	25.42	26.23	25.88	26.00	26.10	26.20	26.30	26.00
Mexico	17.41	21.08	24.88	28.40	33.00	34.00	34.70	33.87	33.92
South Africa	12.30	12.44	10.13	12.33	13.58	13.20	13.36	13.09	12.90
Communist countries									
USSR and Eastern Europe	99.4	114	124	142	148	147	148	149	152
USSR	74.23	87.17	95.16	109.12	115.06	115.06	115.90	117.20	119.60
Eastern Europe	25.2	27.2	28.5	32.5	32.9	32.3	32.4	31.8	32.5
Bulgaria	1.28	1.47	1.26	1.55	1.79	1.80	1.81	1.78	1.75
Czechoslovakia	4.30	4.44	4.22	4.57	4.92	5.00	5.10	5.13	5.19
East Germany	4.46	4.68	5.19	5.58	5.60	5.72	5.75	5.69	5.77
Hungary	2.00	1.94	1.93	2.02	1.95	1.92	1.95	1.92	1.91
Poland	8.70	9.95	10.84	12.82	12.16	11.34	11.47	11.02	11.09
Romania	4.45	4.76	5.04	5.98	6.51	6.49	6.30	6.25	6.75
Other									
China ^c	73.36	84.21	94.36	96.86	95.25	97.64	101.13	103.50	108.30
Yugoslavia	5.30	5.16	5.03	5.81	5.44	5.47	5.35	5.35	5.34

^a Unless otherwise indicated, data are as of the beginning of the year.^b Including buffalo.^c Cattle, buffalo, oxen, horses, and camels.

Table 160
Hog Numbers ^a*Million head*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	59.03	56.11	57.05	54.69	67.35	64.46	58.70	54.53	56.69
Canada	6.05	5.60	6.56	5.90	9.69	10.19	10.04	10.07	10.74
Japan	1.92	3.98	6.34	7.68	10.00	10.06	10.04	10.27	10.42
Spain	6.03	4.02	6.92	7.86	11.26	10.98	10.70	11.68	12.12
European Community	45.6	56.0	65.8	70.4	77.1	78.1	78.5	79.1	79.4
Denmark	6.20	8.20	8.35	8.05	9.53	9.70	9.78	9.50	9.02
France	8.36	9.04	10.46	12.03	11.44	11.66	11.80	11.67	11.27
Italy	4.15	5.41	9.22	8.81	8.81	8.93	9.02	9.13	9.19
Netherlands	2.82	3.69	5.47	7.14	9.75	10.09	10.19	10.59	11.01
United Kingdom	6.01	7.94	8.13	8.84	7.79	7.77	7.91	8.21	7.77
West Germany	14.87	18.15	19.32	20.23	22.37	22.55	22.31	22.48	23.45
Other countries									
Brazil	46.82	58.70	35.60	35.20	36.50	35.00	33.50	33.50	33.00
Mexico	6.08	8.53	10.30	11.70	16.89	16.48	17.15	16.46	13.14
Philippines	6.57	6.94	6.46	6.60	7.93	7.56	7.59	7.98	7.61
Communist countries									
USSR and Eastern Europe	92.6	97.2	97.9	132	138	137	137	139	143
USSR	53.37	52.84	56.06	72.27	73.90	73.38	73.30	76.70	78.70
Eastern Europe	39.2	44.4	41.9	60.2	63.8	63.2	63.8	62.2	63.9
Bulgaria	2.27	2.61	1.97	3.42	3.83	3.81	3.84	3.77	3.73
Czechoslovakia	5.69	6.14	5.53	6.72	7.59	7.89	7.30	7.13	7.07
East Germany ^b	8.28	8.76	9.24	11.52	12.13	12.87	12.87	12.11	13.06
Hungary	6.07	7.04	5.70	8.29	8.37	8.33	8.30	9.04	9.84
Poland	12.62	13.78	13.45	21.71	20.98	18.73	19.08	17.56	15.85
Romania	4.30	6.03	5.97	8.57	10.89	11.54	12.46	12.64	14.35
Other									
China	120.04	152.47	172.51	260.78	319.71	305.43	293.70	300.78	306.09
Cuba ^c	NA	1.75	0.26	0.60	0.72	0.79	0.80	NA	NA
Yugoslavia	6.21	6.99	5.54	7.68	7.50	7.87	8.43	8.37	9.33

^a Unless otherwise indicated, data are as of the beginning of the year. ^c State sector only.

^b As of 30 November of the previous year.

Table 161
Meat Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982 ^b	1983 ^b	1984 ^b
OECD									
United States	12,808	14,306	22,548	22,986	24,216	24,621	24,083	25,004	24,964
Australia	1,360	1,668	2,166	2,469	2,769	2,707	2,596	2,616	2,272
Canada	1,100	1,340	2,053	2,156	2,445	2,433	2,406	2,430	2,436
Japan	318 ^c	589 ^c	1,398	2,072	3,002	2,987	3,109	3,194	3,325
Spain	554 ^c	599 ^c	1,255	1,853	2,312	2,457	2,530	2,495	2,596
European Community	10,300	11,600	16,400	18,600	22,000	22,100	22,000	22,500	22,900
France	2,646 ^c	2,836 ^c	3,814	4,357	5,011	5,208	5,070	5,075	5,117
Italy	1,011 ^c	1,083 ^c	2,054	2,360	2,965	2,994	3,326	3,432	3,461
United Kingdom	1,719	2,018	2,604	2,852	3,073	3,010	2,991	3,115	3,191
West Germany	2,694 ^c	3,074 ^c	3,749	3,956	5,114	5,014	5,004	5,053	5,196
Other countries									
Argentina	2,277 ^c	2,445 ^c	3,188	3,103	3,640	3,773	3,372	3,228	3,312
Brazil	1,767 ^c	2,039 ^c	3,015	3,569	4,472	4,648	5,038	5,042	5,108
Communist countries									
USSR and Eastern Europe ^d	13,900	16,100	19,300	24,600	25,700	25,400	25,300	26,600	27,000
USSR	8,682	9,956	12,278	14,968	15,073	15,240	15,362	16,450	16,700
Eastern Europe	5,260	6,170	7,000	9,660	10,700	10,200	9,930	10,100	10,300
Bulgaria	307	464	476	657	781	794	807	837	849
Czechoslovakia	802	978	1,098	1,349	1,499	1,526	1,413	1,487	1,550
East Germany	1,021	1,126	1,348	1,837	1,899	1,997	1,835	1,873	1,920
Hungary	816	929	1,040	1,422	1,566	1,577	1,691	1,789	1,824
Poland	1,751	2,012	2,182	3,062	3,148	2,526	2,580	2,500	2,453
Romania	561	657	857	1,328	1,769	1,786	1,602	1,630	1,670
Other									
China ^e	NA	5,510	5,965	7,970	12,054	12,609	13,508	14,021	15,250
Cuba ^f	NA	NA	112	105	149	170	185	NA	NA
Yugoslavia ^d	824	972	1,059	1,329	1,519	1,551	1,573	1,565	1,631

^a Data are on a carcass weight, bone-in basis, and are for beef, veal, buffalo, pork, mutton, lamb, goat, and poultry where they are produced. Unless otherwise indicated, data exclude horsemeat, rabbit, game, edible offal, and lard.

^b Non-Communist country data include meat from animals imported for slaughter.

^c Including horsemeat.

^d Data are on a slaughter weight, bone-in basis, and include horsemeat, rabbit, game, edible offal, and slaughter fats in addition to the meats listed in footnote a above. Slaughter weight is roughly 3 percent less than carcass weight because it excludes kidney and leaf fat. As a result of this broader

coverage, the meat production data for the USSR and Eastern Europe are above the level attained if the coverage was limited to that shown for other countries.

^e Data are for pork, beef, and mutton.

^f Data are for deboned beef, pig bellies, and fresh poultry for state production only.

Table 162
Milk Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	53,702	56,324	53,268	52,314	58,298	60,223	61,464	63,354	61,436
Australia	6,355	6,969	7,712	6,677	5,562	5,324	5,410	5,673	6,087
Canada	8,385	8,328	8,272	7,751	7,855	8,005	8,258	8,019	8,069
Japan	1,887	3,221	4,760	4,963	6,505	6,620	6,750	7,036	7,140
New Zealand	5,318	6,232	5,907	6,142	6,833	6,677	6,775	6,879	7,637
European Community	83,900	89,000	91,700	98,600	104,000	105,000	108,000	112,000	109,000
Denmark	5,399	5,367	4,630	4,918	5,117	5,037	5,217	5,427	5,236
France	22,652	26,771	27,245	29,686	26,859	26,795	27,358	27,905	27,877
Italy	9,648	9,184	8,936	9,385	10,749	10,637	10,800	10,580	10,700
Netherlands	6,838	7,142	8,239	10,221	11,785	12,147	12,708	13,231	12,740
United Kingdom	12,670	11,386	12,374	13,934	15,958	15,857	16,745	17,300	16,265
West Germany	19,250	21,253	21,856	21,604	24,778	24,858	25,465	26,913	26,000
Other countries									
Argentina	4,530	4,667	4,196	5,650	5,301	5,274	5,652	5,300	5,200
Brazil	5,045	6,194	7,722	9,970	10,265	10,500	10,100	10,700	10,500
India	NA	NA	7,630	9,750	13,500	14,000	14,900	16,000	16,300
Mexico	2,473	4,121	3,053	4,980	6,742	9,706	9,783	9,573	7,408
Spain	NA	3,993	4,456	5,138	5,871	5,881	5,947	6,070	6,270
Communist countries									
USSR and Eastern Europe	89,500	102,000	117,000	128,000	131,000	128,000	129,000	137,000	NA
USSR ^b	61,718	72,563	83,016	90,804	90,899	88,874	91,044	96,450	97,600
Eastern Europe	27,800	29,500	33,700	37,600	40,600	39,100	38,300	40,900	NA
Bulgaria	745	1,000	1,252	1,436	1,830	1,890	1,984	2,062	2,103
Czechoslovakia	3,830	3,924	4,795	5,463	5,909	5,929	5,929	6,557	7,140
East Germany ^c	5,730	6,371	7,091	8,095	8,321	8,202	7,678	8,203	8,914
Hungary	1,619	1,510	1,682	1,822	2,537	2,717	2,760	2,826	2,818
Poland	12,501	13,345	14,950	16,377	16,499	15,292	15,191	15,990	15,750
Romania ^d	3,343	3,353	3,912	4,381	5,480	5,049	4,758	5,242	NA
Other									
Cuba ^e	NA	NA	475	611	702	712	695	921	1,096
Yugoslavia	2,283	2,303	2,567	3,654	4,342	4,349	4,450	4,550	4,570

^a Whole milk from cows, unless otherwise indicated.^b Including milk from sheep, goats, camels, and mares.^c In terms of 3.5 percent butterfat content.^d Including milk from buffaloes.^e State production of pasteurized and raw milk.

Table 163
Wool Production ^a*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	146.20	109.30	85.02	54.22	47.79	49.75	47.61	45.00	45.00
Australia	737.20	754.23	923.40	793.48	708.51	701.15	717.21	702.00	722.00
New Zealand	266.50	315.16	333.80	294.10	357.00	380.70	363.00	371.00	363.00
Turkey	43.50	43.00	47.15	52.32	61.28	62.31	62.08	62.00	64.00
Spain	35.10	36.40	33.81	22.15	21.29	20.99	22.88	24.00	23.00
European Community	127	125	101	102	110	109	111	114	117
France	29.53	25.40	20.35	15.70	22.20	22.20	22.20	22.50	23.00
United Kingdom	54.98	58.65	46.30	49.30	51.80	50.10	49.80	52.50	53.00
Other countries									
Afghanistan	NA	NA	27.00	25.00	23.00	23.00	23.00	23.77	24.00
Argentina	221.10	220.60	170.00	160.00	152.16	150.16	151.94	155.00	155.00
Brazil	24.10	35.47	31.71	29.10	32.25	32.64	30.00	30.00	30.00
Chile	23.90	25.49	25.50	18.80	20.60	21.40	22.00	21.00	22.00
India	34.11	35.02	36.00	31.00	35.00	36.00	37.00	37.00	38.00
Pakistan	14.70	17.00	19.50	28.33	42.60	38.90	40.70	42.70	43.00
South Africa ^b	143.80	159.30	145.60	108.20	102.90	100.80	110.00	114.00	114.00
Uruguay	82.50	84.00	79.65	60.77	67.28	74.60	78.38	82.00	91.00
Communist countries									
USSR and Eastern Europe	427	436	507	546	556	571	568	580	580
USSR ^c	356.80	356.90	418.90	449.60	443.00	459.60	452.10	462.40	463.00
Eastern Europe	70.5	78.9	88.1	96.7	113	111	116	118	117
Bulgaria	21.04	25.80	28.81	34.01	35.09	34.96	34.89	35.94	37.00
Czechoslovakia ^d	2.50	2.03	3.99	3.60	4.20	4.48	4.50	5.00	5.00
East Germany	7.90	8.10	6.90	9.70	11.90	12.40	12.60	12.10	14.00
Hungary	8.20	10.06	9.78	8.39	12.14	12.16	12.76	12.72	12.00
Poland	9.04	7.50	8.94	9.45	12.73	11.22	12.50	12.62	11.00
Romania	21.85	25.41	29.72	31.53	37.38	35.96	38.60	39.35	38.00
Other									
Yugoslavia	13.55	12.56	11.95	10.66	10.07	10.12	9.74	9.52	10.00

^aRaw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheepskins."

^bIncluding data for Lesotho and Namibia.

^cPhysical weight.

^dPurchases.

Table 164
Ginned Cotton Production*Thousand metric tons*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	3,107	3,260	2,219	1,808	2,422	3,405	2,605	1,692	2,894
Australia	NA	NA	19	25	99	135	101	141	218
Greece	63	75	110	130	117	120	100	128	140
Turkey	169	325	400	480	499	489	488	522	586
Other countries									
Argentina	124	104	85	140	84	152	111	180	160
Brazil	425	542	594	390	615	640	650	561	840
Colombia	70	65	117	121	116	88	33	77	125
Egypt	478	521	509	382	529	499	460	400	402
Guatemala	21	90	57	102	125	82	46	61	54
India	1,008	997	954	1,160	1,326	1,409	1,376	1,280	1,428
Iran	99	152	154	139	63	74	93	89	93
Mexico	457	567	312	197	353	314	183	226	274
Nicaragua	33	111	78	109	77	65	79	72	76
Pakistan	304	417	542	514	715	749	822	476	980
Sudan	114	164	245	108	96	154	209	219	187
Syria	111	180	150	158	118	130	158	193	156
Communist countries									
USSR and Eastern Europe	1,480	1,930	2,360	2,540	2,960	2,880	2,680	2,620	NA
USSR	1,458	1,914	2,343	2,524	2,959	2,881	2,673	2,610	2,494
Eastern Europe ^a	23	16	15	14	5	4	5	6	NA
Bulgaria	23	16	15	13	5	4	5	6	NA
Romania	NA	NA	NA	1	NEGL	NEGL	NEGL	NEGL	NA
Other									
China	1,063	2,098	2,277	2,381	2,707	2,968	3,598	4,637	6,077
Yugoslavia ^a	2	2	4	2	NEGL	NEGL	1	1	1

^a Data are for the crop year beginning 1 August of the stated year.

Table 165
Mineral Fertilizer Consumption, Nutrient Content ^b

Kilograms per hectare of arable land ^a

	1960	1965	1970	1975	1980	1981	1982	1983
OECD								
United States	38.9	63.0	80.9	90.0	112.7	102.4	86.7	104.9
Australia	21.2	29.2	22.2	15.9	27.8	27.9	23.7	23.4
Canada	8.6	16.3	18.5	29.8	42.2	41.9	43.7	49.9
Japan	NA	332.2	372.6	319.3	372.1	387.2	412.1	434.9
Spain	31.6	38.0	59.3	69.3	81.1	67.2	72.5	71.2
Turkey	1.5	5.7	15.7	29.8	51.1	45.4	53.5	56.4
European Community								
Belgium-Luxembourg	NA	NA	564.8	540.4	533.9	490.2	520.6	527.8
Denmark	151.1	182.3	223.4	239.4	236.4	233.0	246.2	259.8
France	102.4	150.9	243.5	246.7	300.8	298.4	299.3	314.0
Ireland	124.8	172.1	365.0	410.7	618.2	609.4	643.8	697.3
Italy	51.5	70.7	89.6	121.0	169.8	163.3	161.4	158.7
Netherlands	456.1	580.8	749.3	750.7	788.8	767.4	738.1	775.2
United Kingdom	183.3	206.5	259.9	262.9	293.6	329.6	364.7	370.7
West Germany	266.2	348.8	399.6	385.5	471.2	418.4	435.0	420.3
Other countries								
Brazil	NA	8.2	28.3	52.3	59.1	37.5	36.5	30.6
India	2.3	4.7	13.2	16.5	30.9	33.8	34.6	39.0
Egypt	NA	126.4	113.2	175.1	271.4	247.5	334.6	363.6
Argentina	NA	2.1	2.6	1.6	3.3	2.7	3.1	3.6
South Africa	NA	30.2	38.6	52.1	77.9	90.4	83.1	66.0
Israel	NA	100.5	140.1	170.7	191.9	199.6	178.3	169.8

Table 165 (continued)
Mineral Fertilizer Consumption, Nutrient Content ^b

Kilograms per hectare of arable land ^a

	1960	1965	1970	1975	1980	1981	1982	1983
Communist countries								
USSR and Eastern Europe								
USSR ^{c, d}	11.2	26.5	44.3	74.3	80.9	82.5	86.7	98.9
Eastern Europe								
Bulgaria	33.8	79.1	141.1	156.5	198.4	250.6	250.1	243.1
Czechoslovakia ^e	91.4	166.3	240.4	314.7	334.7	332.7	336.9	343.5
East Germany	197.4	262.2	310.7	361.5	325.2	344.2	281.5	290.1
Hungary	29.5	63.3	149.7	276.3	262.4	279.3	288.5	299.3
Poland	49.0	83.1	167.8	242.4	234.8	248.1	213.4	203.0
Romania	8.1	25.4	56.5	114.0	116.5	154.1	159.1	159.1
Other								
Albania	NA	15.3	78.8	100.6	122.3	111.4	155.0	141.2
China ^e	4.6	13.7	27.5	44.7	127.8	144.9	159.0	NA
North Korea	NA	81.5	165.0	NA	NA	NA	NA	NA
Yugoslavia	27.9	54.8	77.0	89.6	104.5	128.4	119.9	120.3

^a Including land under temporary crops, gardens, fallow or idle land, and permanent crops such as orchards and vineyards, unless otherwise indicated.

^b Data are "fertilizer years"—in general, the year beginning 1 July.

^c Including phosphate rock; excluding livestock phosphates. Data indicate the quantity supplied to agriculture.

^d Arable land is total area less pasture and hayland.

^e Sown area is used because of extensive multiple cropping.

Table 166

Nitrogen Fertilizer Consumption, Nutrient Content^a

Thousand metric tons of N

	1960	1965	1970	1975	1980	1981	1982	1983
OECD								
United States	2,749	4,832	7,379	9,445	10,817	9,955	8,273	10,105
Canada	91	218	292	556	914	941	1,031	1,219
Japan	753	787	872	653	614	643	687	702
Spain	275	385	578	722	902	818	799	808
Turkey	25	72	243	482	807	776	853	949
European Community	2,520	3,720	5,140	6,110	7,600	7,520	7,980	8,130
France	565	871	1,453	1,708	2,146	2,193	2,197	2,333
Italy	323	462	594	724	1,006	966	1,030	987
United Kingdom	463	690	801	1,045	1,240	1,386	1,560	1,601
West Germany	618	874	1,131	1,228	1,551	1,323	1,465	1,378
Other countries								
India	296	541	1,487	1,909	3,522	3,882	4,043	4,584
Mexico	155	264	438	732	904	1,112	1,255	1,016
Pakistan	NA	69	252	444	844	833	953	914
Communist countries								
USSR and Eastern Europe ^b	1,600	3,910	7,520	11,400	12,600	13,100	13,600	15,000
USSR	769	2,282	4,605	7,339	8,262	8,383	9,038	10,302
Eastern Europe	832	1,630	2,920	4,060	4,370	4,670	4,530	4,670
Bulgaria	101	219	379	380	450	518	536	550
Czechoslovakia	143	263	413	532	675	615	646	682
East Germany	235	414	511	678	752	750	607	694
Hungary	75	180	391	536	537	563	647	625
Poland	251	387	785	1,143	1,313	1,344	1,213	1,245
Romania	27	165	438	788	646	882	880	876
Other								
Albania	5	2	27	36	68	72	73	NA
China	614	1,830	3,923	6,116	NA	NA	NA	NA
North Korea	NA	115	270	414	NA	NA	NA	NA
Yugoslavia	109	166	294	360	417	477	463	443

^a Data are "fertilizer years"—in general, the year beginning 1 July. ^b Data indicate the quantity supplied to agriculture.

Thousand metric tons of P₂O₅**Table 167**
Phosphate Fertilizer Consumption, Nutrient Content ^a

	1960	1965	1970	1975	1980	1981	1982	1983
OECD								
United States	2,488	3,522	4,358	4,742	4,930	4,362	3,748	4,467
Australia	572	954	743	490	853	853	804	772
Canada	169	334	326	503	634	555	693	762
Japan	491	548	656	623	690	701	721	766
New Zealand	225	342	321	386	338	326	299	320
Spain	279	306	432	422	476	340	421	399
Turkey	12	69	176	389	619	495	570	562
European Community	2,800	3,540	4,470	3,950	4,360	4,130	4,260	4,320
France	877	1,259	1,809	1,664	1,773	1,677	1,631	1,679
Italy	379	453	518	490	748	676	835	830
United Kingdom	426	422	543	391	404	446	464	444
West Germany	652	819	913	780	837	753	740	745
Other countries								
Brazil	77	87	377	1,014	1,988	1,319	1,210	1,000
India	56	134	462	374	1,091	1,172	1,197	1,362
Communist countries								
USSR and Eastern Europe	1,800	3,380	5,150	7,530	8,600	8,990	9,010	9,460
USSR ^{b c}	1,088	2,091	3,133	4,728	5,590	5,879	6,115	6,465
Eastern Europe ^c	716	1,290	2,020	2,800	3,010	3,110	2,900	2,990
Bulgaria	50	132	235	250	291	409	361	345
Czechoslovakia	150	268	325	456	495	494	479	529
East Germany	218	313	410	441	389	374	304	333
Hungary	66	125	217	429	390	399	392	410
Poland	180	324	595	887	885	817	824	826
Romania	52	127	235	338	476	551	545	550
Other								
Albania	2	5	18	25	17	6	29	NA
China ^b	99	307	330	693	NA	NA	NA	NA
North Korea	NA	43	50	161	NA	NA	NA	NA
Yugoslavia	71	151	182	197	209	268	235	241

^a Data are "fertilizer years"—in general, the year beginning 1 July.^b Data are for soluble phosphate fertilizers and for ground phosphate rock used for direct application.^c Data indicate the quantity supplied to agriculture.

Table 168
Potassium Fertilizer Consumption, Nutrient Content ^a

Thousand metric tons of K₂O

	1960	1965	1970	1975	1980	1981	1982	1983
OECD								
United States	1,967	2,922	3,839	4,726	5,733	5,106	4,378	5,265
Japan	600	613	610	525	512	535	582	632
Spain	95	92	206	258	284	219	264	250
European Community	2,860	3,350	4,010	3,670	4,220	4,140	4,290	4,420
France	750	970	1,389	1,314	1,689	1,700	1,744	1,834
Italy	104	168	225	276	357	332	359	370
United Kingdom	450	436	535	384	410	470	521	542
West Germany	1,006	1,190	1,185	1,099	1,144	1,055	1,042	1,014
Other countries								
Brazil	107	100	306	558	1,307	767	876	727
India	28	90	228	227	618	670	622	627
Communist countries								
USSR and Eastern Europe	1,830	3,310	5,000	8,660	7,980	8,220	8,290	9,210
USSR ^b	766	1,891	2,574	5,176	4,904	4,905	4,991	6,201
Eastern Europe	1,060	1,420	2,420	3,480	3,070	3,310	3,300	3,000
Bulgaria	6	10	25	50	89	117	141	114
Czechoslovakia	217	363	489	670	560	611	617	565
East Germany	497	586	614	707	496	602	497	424
Hungary	27	53	229	553	472	524	490	551
Poland	313	396	1,036	1,431	1,354	1,271	1,315	1,111
Romania	3	12	28	71	101	185	237	240
Other								
Albania	1	1	2	2	4	3	8	NA
China	0	5	12	112	NA	NA	NA	NA
Yugoslavia	103	138	156	163	198	265	242	236

^a Data are "fertilizer years"—in general, the year beginning 1 July.

^b Data indicate the quantity supplied to agriculture.

Kilograms per hectare

Table 169
Grain Yields

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Developed countries									
United States	2,467	3,043	3,157	3,461	3,774	4,278	4,374	3,539	4,372
Australia	1,299	974	1,219	1,414	1,052	1,399	873	1,676	1,448
Canada	1,495	1,730	2,106	2,051	2,167	2,348	2,486	2,187	1,946
Japan	4,115	4,398	5,123	5,932	4,841	5,207	5,308	5,300	5,890
South Africa	1,011	916	1,132	1,473	1,557	2,388	1,493	940	1,111
European Community									
France	2,524	3,107	3,380	3,694	4,852	4,374	5,003	4,964	5,850
Italy	1,828	2,399	2,755	3,347	3,521	3,687	3,585	3,477	3,883
United Kingdom	3,132	3,751	3,569	3,812	4,944	4,928	5,436	5,424	6,484
West Germany	3,189	2,820	3,337	4,016	4,429	4,450	4,858	4,562	5,311
Other countries									
Argentina	1,336	1,403	1,775	1,956	1,871	2,336	2,448	2,306	2,441
Bangladesh	a	1,674	1,673	1,832	2,006	1,940	1,996	2,059	1,996
Brazil	1,340	1,428	1,409	1,380	1,576	1,613	1,548	1,615	1,643
Burma	1,563	1,573	1,605	1,700	2,586	2,773	2,955	2,921	2,902
Egypt	NA	3,776	3,912	3,978	4,135	4,100	4,204	4,452	4,486
India	934	865	1,135	1,261	1,350	1,399	1,346	1,567	1,556
Indonesia	1,542	1,560	1,989	2,306	2,865	3,020	3,331	3,326	3,457
Mexico	1,020	1,295	1,518	1,670	2,157	2,258	2,363	1,880	2,093
Pakistan	1,247 a	887	1,230	1,391	1,610	1,670	1,637	1,697	1,637
Philippines	937	1,045	1,334	1,321	1,583	1,678	1,697	1,737	1,785
Thailand	1,398	1,785	2,038	1,894	1,931	1,983	1,923	1,974	1,877
Zimbabwe	NA	1,344	1,232	1,836	1,166	1,635	1,101	737	663
Communist countries									
USSR and Eastern Europe									
USSR	1,117	944	1,569	1,103	1,499	1,288	1,459	1,619	1,447
Eastern Europe									
Hungary	1,997	2,323	2,544	3,896	4,808	4,625	5,178	4,685	4,905
Poland	1,613	1,900	1,946	2,487	2,337	2,494	2,615	2,726	2,941
Romania	1,389	1,862	1,802	2,445	3,123	3,076	3,709	3,229	3,514
Other									
China	2,698	1,615	1,769	2,074	2,947	3,092	3,458	3,710	3,804
Vietnam	NA	1,954 b	2,095 b	2,213	2,085	2,166	2,394	2,371	2,390
Yugoslavia	1,962	2,060	2,374	3,184	3,633	3,578	4,018	3,874	4,083

a Bangladesh was a part of Pakistan.

b Including North Vietnam and South Vietnam.

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Transportation

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Table 170
Railroad Freight ^a*Billion metric ton-kilometers*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	868.5	1,052.7	1,141.0	1,122.7	1,350.0	1,340.0	1,172.0	1,216.8	1,345.6
Canada	95.5	127.1	158.0	197.2	228.1	231.4	203.7	219.8	246.2
Japan	53.4	57.3	63.4	47.1	39.6	34.8	31.3	29.1	22.6
European Community	168	176	202	168	186	175	164	162	165
France	56.9	64.6	70.4	64.0	69.5	64.4	61.2	59.4	60.0
Italy ^c	15.9	15.3	18.0	14.9	18.4	17.1	16.9	16.8	17.4
United Kingdom ^d	30.5	25.2	26.8	20.9	17.6	17.5	15.9	17.1	12.8
West Germany	52.3	57.1	71.3	55.1	65.3	62.0	57.3	55.9	60.3
Other countries									
India ^{e f}	87.8	116.8	127.4	148.2	157.1	171.3	174.4	175.7	172.7
South Africa ^{e g}	30.8	42.7	57.2	61.9	96.5	101.3	82.0	NA	NA
Communist countries									
USSR and Eastern Europe	1,690	2,180	2,770	3,580	3,810	3,850	3,810	3,950	NA
USSR	1,504.3	1,950.2	2,494.7	3,236.5	3,439.9	3,503.2	3,464.5	3,600.1	3,638.9
Eastern Europe	183	230	278	347	375	350	345	355	NA
Bulgaria	7.0	10.8	13.9	17.3	17.7	18.1	18.3	18.1	18.1
Czechoslovakia	43.9	53.2	55.9	62.7	66.2	66.5	66.1	68.3	NA
East Germany	32.9	38.9	41.5	49.7	56.4	55.8	54.0	54.9	56.7
Hungary	13.3	17.3	19.8	23.5	24.4	24.3	23.3	23.1	22.8
Poland	66.5	81.0	99.3	129.2	134.7	109.8	112.7	118.1	123.5
Romania	19.8	31.0	48.0	64.8	75.5	75.3	71.1	72.3	NA
Other									
China	276.7	269.8	349.6	425.6	571.7	571.2	612.0	664.6	724.7
North Korea	9.1	10.5	14.3	24.3	33.5	37.4	40.3	39.6	40.7

^a Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railroads; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign

trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States include express and mail and are specifically for revenue and nonrevenue freight traffic for a more realistic comparison with Soviet methods of reporting.
^b Including secondary or private railroads operating as common carriers.

^c Excluding livestock.

^d Excluding data for Northern Ireland.

^e Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

^f Including service traffic.

^g Including Namibia.

Million metric tons carried

Table 171
Railroad Freight ^a

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	1,180.5	1,341.7	1,426.3	1,368.5	1,645.0	1,630.0	1,426.0	1,480.0	1,637.0
Canada ^b	161.2	204.4	211.2	252.4	276.0	280.0	246.0	266.0	298.0
European Community									
France	227.0	238.7	260.0	228.0	229.0	212.0	202.0	195.0	198.0
United Kingdom ^c	253.1	232.2	209.0	176.0	150.0	149.0	135.0	146.0	109.0
West Germany ^{b d}	429.2	423.1	392.6	328.7	367.0	349.0	322.0	315.0	339.0
Communist countries									
USSR and Eastern Europe	2,820	3,520	4,140	5,080	5,290	5,250	5,220	5,370	NA
USSR	1,884.9	2,415.3	2,896.0	3,621.1	3,728.0	3,762.0	3,725.0	3,850.6	3,909.0
Eastern Europe	931	1,110	1,240	1,460	1,560	1,490	1,490	1,520	NA
Bulgaria	38.4	56.0	68.2	78.8	77.8	81.5	83.9	82.6	83.4
Czechoslovakia	194.1	218.5	236.9	271.4	286.0	286.6	288.9	292.1	298.8
East Germany	237.8	260.4	262.9	289.0	311.6	315.2	322.5	325.6	338.0
Hungary ^e	96.0	114.8	117.4	131.7	129.8	131.0	127.0	123.8	121.7
Poland	286.9	341.3	382.3	464.2	482.1	401.5	402.1	414.5	425.5
Romania	77.5	114.4	171.3	228.3	274.6	273.9	270.5	NA	NA
Other									
China	NA	491.0	681.3	889.6	1,112.8	1,076.7	1,135.3	1,187.8	1,200.0
Cuba	NA	10.0	11.7	10.9	14.1	16.5	18.2	NA	NA
North Korea	38.5	52.0	68.0	106.4	152.3	170.0	183.2	180.0	185.0

^a Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railroads; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue

government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States are in tons originated, thus giving a more realistic comparison with European methods of reporting.

^b Including secondary or private railroads operating as common carriers.

^c Including data for Northern Ireland.

^d Including service traffic.

^e Including performance of railroads owned jointly by Hungary and Austria within Hungary.

Table 172
Motor Vehicle Freight*Billion metric ton-kilometers*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^a	323.85	589.27	675.85	744.75	910.43	864.50	853.01	898.50	987.53
Japan	20.80	48.39	135.92	129.70	178.90	181.31	187.72	193.52	197.58
Communist countries ^b									
USSR and Eastern Europe	117	175	278	433	557	579	596	594	NA
USSR	98.52	143.08	220.83	337.93	432.10	459.90	485.30	485.80	477.00
Eastern Europe	18.8	31.6	57.0	94.7	125	119	111	108	NA
Bulgaria	2.04	3.82	7.90	12.39	15.89	17.11	16.73	16.94	16.93
Czechoslovakia	5.11	6.98	10.09	15.02	20.57	21.72	20.96	20.33	NA
East Germany	5.00	7.21	12.23	16.69	21.02	19.92	16.24	15.38	NA
Hungary	NA	2.73	5.82	8.73	11.40	11.76	11.88	11.95	NA
Poland	5.69	8.38	15.76	32.60	44.55	36.85	34.02	35.47	36.54
Romania	0.94	2.53	5.16	9.29	11.76	11.79	11.15	8.26	NA
Other									
China	13.20	9.50	13.80	20.30	76.40 ^c	78.00 ^c	94.90 ^c	108.40 ^c	116.00 ^c

^a Total traffic for all urban streets and rural roads.^b Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.^c Including freight carried in vehicles by all sectors.

Table 173
Motor Vehicle Freight ^a

Million metric tons carried

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Communist countries									
USSR and Eastern Europe	9,920	12,900	17,800	25,900	30,200	30,500	31,900	31,700	NA
USSR	8,493	10,746	14,623	20,914	24,149	25,016	26,500	26,400	25,900
Eastern Europe	1,430	2,140	3,170	4,970	6,000	5,520	5,360	5,300	NA
Bulgaria	128	281	493	724	816	837	880	907	900
Czechoslovakia	428	578	703	997	1,252	1,364	1,433	1,376	NA
East Germany	270	346	464	588	730	693	608	584	560
Hungary	135	239	407	501	584	598	578	562	NA
Poland	408	569	863	1,743	2,168	1,576	1,379	1,397	1,420
Romania	57	131	240	419	451	455	479	469	NA
Other									
China	708	490	568	725	760	715	787	791	795
Cuba ^b	NA	4	7	40	65	81	80	NA	NA

^a Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

^b State transport only.

Table 174
Inland Water Freight*Billion metric ton-kilometers*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^a	123.00	162.55	229.21	265.16	334.25	339.44	318.48	319.59	358.29
European Community									
France	10.77	12.51	14.18	11.90	12.15	11.07	10.19	9.45	NA
Netherlands	20.02	24.07	30.74	29.60	33.48	31.79	31.39	32.00	NA
West Germany	40.39	43.31	48.81	47.56	51.44	50.00	49.40	49.09	NA
Communist countries									
USSR and Eastern Europe	107	143	186	235	260	271	277	287	NA
USSR	99.60	133.93	173.98	221.71	244.90	255.60	262.40	273.00	265.00
Eastern Europe	7.67	9.40	11.9	12.8	14.9	15.2	14.47	14.16	NA
Bulgaria	0.62	1.06	1.83	2.39	2.61	2.54	2.54	2.33	2.64
Czechoslovakia	1.96	2.17	2.43	2.58	3.59	3.81	3.78	3.92	NA
East Germany	2.25	2.20	2.36	2.36	2.16	2.36	2.29	2.42	NA
Hungary	1.08	1.34	1.60	1.47	1.87	2.10	1.73	1.74	NA
Poland	0.90	1.41	2.36	1.95	2.33	1.91	1.57	1.45	1.44
Romania	0.86	1.22	1.35	2.08	2.35	2.44	2.56	2.30	NA

^a Internal, intraport, and local water traffic, excluding Great Lakes traffic. For 1982, coastwise and foreign trade traffic within US waters together amounted to 103 billion metric ton-kilometers. In the same year, traffic on the Great

Lakes amounted to 53 billion metric ton-kilometers of domestic trade and 40 billion metric ton-kilometers of US foreign trade.

Table 175
Inland Water Freight*Million metric tons carried*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^a	358.56	428.63	502.22	528.17	570.77	556.94	518.05	519.86	582.81
European Community									
France	68.05	89.76	110.35	94.58	92.20	83.57	76.41	71.95	NA
Netherlands	149.67	193.99	241.44	235.80	269.27	253.80	241.13	247.23	NA
West Germany	171.36	195.69	240.00	227.30	240.98	231.72	221.90	223.94	NA
Communist countries									
USSR and Eastern Europe	235	298	395	524	638	661	669	672	NA
USSR	210.32	269.44	357.80	475.50	568.10	594.50	604.50	606.00	619.00
Eastern Europe	24.9	28.4	36.8	48.7	70.08	66.9	64.5	66.2	NA
Bulgaria	1.56	2.32	3.69	4.41	4.94	5.05	4.98	4.78	4.90
Czechoslovakia	3.53	4.06	4.46	5.65	10.46	11.09	11.39	11.90	13.40
East Germany	12.63	12.13	13.66	14.59	16.30	16.60	16.83	17.47	18.50
Hungary	2.30	2.40	2.78	3.04	3.52	3.53	3.42	3.23	NA
Poland	2.95	4.68	8.84	14.89	22.25	16.57	13.71	14.28	15.45
Romania	1.91	2.86	3.40	6.10	12.34	14.04	14.20	14.56	NA
Other									
Cuba ^b	NA	0.37 ^c	0.93 ^c	4.83 ^d	5.25 ^d	4.66 ^d	4.67 ^d	NA	NA

^a Internal, intraport, and local water traffic, excluding Great Lakes traffic.^c Transported by Flota Propia.^d Transported by Flota Propia and companion boats.^b Coastal freight.

Table 176
Ocean Freight ^a*Billion metric ton-kilometers*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
Communist countries									
USSR and Eastern Europe	189	503	922	1,150	1,340	1,310	1,250	1,320	NA
USSR ^b	131.5	388.8	656.1	736.3	848.2	853.5	834.5	891.7	932.4
Eastern Europe	57.7	114	266	410	491	458	417	432	NA
Bulgaria ^c	2.5	9.1	38.9	42.2	62.5	63.4	59.1	61.2	60.5
Czechoslovakia	7.5	8.3	10.5	12.0	12.4	12.3	14.1	13.6	NA
East Germany ^c	10.5	30.2	69.7	79.7	70.7	71.1	55.7	53.8	NA
Hungary ^d	1.3	1.7	2.7	4.0	7.6	8.2	7.9	8.0	9.2
Poland ^c	34.8	56.4	106.6	206.1	257.4	217.5	191.7	197.1	193.4
Romania	1.1	8.4	37.5	66.3	80.3	85.4	88.1	98.3	NA

^a Unless otherwise indicated, data are for international shipping and include the performance of ships of less than 1,000 gross register tons.

^b Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

^c Including coastal traffic.

^d Including Danube River traffic.

^e Possibly excluding the performance of some ships flying the Polish flag but under control of the Chinese-Polish Shipbrokers Corporation.

Table 177
Air Passengers*Billion passenger-kilometers*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^a	62.5	110.5	212.0	262.0	405.9	391.4	404.3	423.8	449.4
Canada	4.3	7.6	15.4	25.0	36.2	34.4	32.3	31.5	34.3
Japan	1.1	4.6	15.0	30.1	51.3	55.4	55.4	55.6	NA
European Community									
France	5.2	7.5	13.6	23.3	34.1	36.5	37.6	38.4	38.6
United Kingdom	7.3	10.7	19.0	30.2	56.0	56.6	49.1	49.6	42.5
Communist countries									
USSR	12.1	38.1	78.2	122.6	160.6	171.7	172.5	176.8	184.0

^a Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.

Table 178
Air Freight ^a*Million metric ton-kilometers*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	1,377	3,363	7,277	8,603	10,359	10,291	9,963	10,755	11,495
Canada	66	156	425	628	820	835	908	986	1,122
Japan	24	114	426	920 ^c	1,978 ^d	2,226 ^d	2,342 ^d	2,657 ^d	NA
European Community									
France	152	232	542	1,086	2,093	2,239	2,298	2,597	2,894
Netherlands	117	212	393	617	996	1,100	1,086	1,245	1,456
United Kingdom	181	370	617	933	1,548 ^c	1,717 ^c	1,385 ^c	1,532 ^c	1,834 ^c
West Germany	41	157	523	974	1,585	1,584	1,688	2,042	2,345
Communist countries									
USSR	563	1,338	1,877	2,590	3,090	3,080	3,030	3,190	3,280

^a Express, freight, and mail traffic.^b Revenue ton-kilometers flown on scheduled service of certificated route air carriers.^c Japan Air Lines data only.^d Japan Air Lines and Japan-Asia Airways.^e Excluding airlines based in the UK territories and dependencies.**Table 179**
Civil Aircraft Inventory ^a*Units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
United States ^b									
Jet	202	712	2,136	2,114	2,469	2,465	2,504	2,691	2,724
Turboprop	227	288	374	260	267	331	159	204	185
Piston	1,408	838	153	114	77	79	79	78	51
USSR ^c									
Jet	191	227	425	1,080	1,855	1,753	1,796	1,830	1,995
Turboprop	174	555	1,238	1,500	1,925	1,710	1,700	1,655	1,515

^a Data exclude light aircraft. No attempt has been made to standardize comparisons of the US and Soviet aircraft inventories in terms of capacity for passenger-cargo carrying and/or range capability.^b Large aircraft only. Data for commuters and all cargo operators not available prior to 1980. This data refers to certificate route carriers, supplementals, and commercial operators.^c Data basically represent the inventory of Aeroflot—the Soviet civil airline.

Table 180
Petroleum Pipelines*Billion metric ton-kilometers*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	333.8	447.3	629.2	740.2	858.5	823.4	826.3	811.7	883.3
Communist countries									
USSR and Eastern Europe	NA	155	300	693	1,260	1,300	NA	NA	NA
USSR	51.2	146.7	281.7	665.9	1,216.0	1,263.2	1,306.8	1,353.1	1,370.3
Eastern Europe	NA	7.9	18.1	26.7	40.8	38.6	NA	NA	NA
Bulgaria	0	0	0	0	0.8	1.0	1.1	1.1	0.9
Czechoslovakia	NA	3.2	6.4	4.4	10.3	10.1	NA	NA	NA
East Germany	0	0.1	2.2	4.3	5.0	4.8	4.7	4.3	NA
Hungary	0.1	0.3	0.7	2.5	2.4	2.2	2.0	1.9	NA
Poland	NA	3.2	7.0	12.7	17.1	16.3	16.6	17.5	17.84
Romania	1.0	1.1	1.8	2.8	5.2	4.2	3.7	4.4	NA

Table 181
Petroleum Pipelines*Million metric tons carried*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^a	414.7	554.9	784.6	982.6	1,020.0	978.4	981.9	964.6	1,049.6
Communist countries									
USSR and Eastern Europe	NA	254	400	603	772	783	783	797	NA
USSR	129.9	225.7	337.9	496.8	626.9	634.0	640.9	648.7	648.0
Eastern Europe	NA	28.0	61.8	106	145	149.0	142	148	NA
Bulgaria	0	0	0	0	3.1	16.3	16.5	15.6	20.1
Czechoslovakia	NA	7.0 ^b	13.4 ^b	14.9 ^b	21.5	20.7	19.2	19.1	NA
East Germany	0	3.8	15.4	32.1	41.6	39.4	38.8	39.3	NA
Hungary	1.2	3.7	6.3	13.8	15.6	16.3	12.4	15.6	NA
Poland	NA	6.1	15.4	30.5	40.7	35.8	36.7	39.3	39.8
Romania	5.6	7.4	11.3	14.5	22.5	20.4	18.1	19.3	NA

^a Data are for tons originated, thus giving a more realistic comparison with the Communist countries.

^b Crude petroleum only.

Table 182
Mainline Locomotive Inventory ^a*Thousand units*

	1960	1965	1970	1975	1980	1981	1982	1983
OECD								
United States ^b	31.18	30.06	29.12	30.20	28.86	27.57 ^c	26.92 ^c	25.50 ^c
Canada	3.75	3.32	3.42	3.98	4.17	4.15	3.76	NA
Austria	1.48	1.40	1.20	1.19	1.22	1.22	1.21	1.21
Spain	3.64	3.38	1.70	1.14	1.21	1.22	1.23	1.40
Sweden	1.88	1.66	1.58	1.42	1.38	1.29	1.29	1.29
Switzerland	1.10	1.26	1.33	1.42	1.45	1.45	1.45	1.43
European Community	43.0	32.7	25.0	23.8	23.0	22.9	22.8	NA
France	7.96	7.36	6.07	5.98	6.06	6.06	6.04	5.99
Italy	5.28	4.47	3.58	3.63	3.72	3.82	3.84	NA
United Kingdom	16.05	8.08	4.45	3.86	3.53	3.33	3.23	3.06
West Germany	10.44	9.59	8.05	7.65	7.10	7.09	7.02	6.85
Communist countries								
USSR and Eastern Europe	55.8	49.5	47.8	58.0	68.2	67.9	NA	NA
USSR	34.00	26.90	28.90	37.13	45.95	49.05	50.60	NA
Eastern Europe	21.8	22.6	18.8	20.9	22.3	18.8	NA	NA
Bulgaria	0.64	0.73	0.68	0.64	0.80	0.87	0.90	NA
Czechoslovakia	5.23	5.20	4.60	4.98	4.27	4.24	NA	NA
East Germany	6.00	6.00	5.00	5.92	5.62	5.50	NA	NA
Hungary	2.46	2.60	2.00	1.92	2.40	1.30 ^d	1.70 ^d	NA
Poland	5.80	6.33	5.07	5.52	7.51	5.17	5.13	5.17
Romania	1.72	1.78	1.50	1.88	1.70 ^d	1.73 ^d	2.00 ^d	NA
Other								
China	5.60	5.34	6.53	8.63	10.56	10.86	11.25	11.73
North Korea	0.35	0.40	0.49	0.67	0.87	0.93	1.00	1.07

^a Unless otherwise indicated, data are for the state or principal railroad system and include diesel, diesel-electric, steam, and electric locomotives. Data are as of the end of the year.

^b Data are for secondary or private railroads operating as common carriers and include gas turbine locomotives.

^c Class I locomotives only.

^d Does not include steam locomotives.

Table 183
Railroad Freight Car Inventory ^a

Thousand units

	1960	1965	1970	1975	1978	1980	1981	1982	1983
OECD									
United States ^{b c}	1,945.7	1,806.2	1,803.7	1,755.5	1,683.4	1,741.7	1,702.7	1,616.1	1,570.0
European Community									
France	362.6	362.3	302.4	283.9	257.0	253.1	250.5	245.9	239.8
United Kingdom ^{c d}	956.0	605.6	383.9	239.7	168.8	137.6	105.2	87.9	69.8
West Germany	309.6	329.5	321.0	335.1	333.1	333.1	335.1	327.0	316.7
Communist countries									
USSR and Eastern Europe									
USSR	949.0	1,130.0	1,194.0	1,489.0	1,672.0	1,785.0	1,838.0	1,887.0	1,937.0
Eastern Europe									
Bulgaria	22.0	33.0	37.8	43.0	NA	NA	22.9	22.9	NA
Czechoslovakia	129.3	136.1	135.8	136.0	146.9	150.1	NA	NA	NA
East Germany	154.3	152.0	150.0	141.8	148.0	153.0	166.5	NA	NA
Hungary	62.0	73.4	71.4	88.9	125.0	131.7	76.7	76.4	NA
Poland	249.0	263.9	274.3	305.0	211.3 ^e	194.9 ^e	169.2 ^e	168.7 ^e	172.1 ^e
Romania	55.5	68.6	86.0	95.0	NA	NA	89.3	89.3	NA
Other									
China ^f	132.0	143.0	175.0	237.0	269.3	290.4	296.3	303.9	316.6
North Korea ^f	10.4	15.2	18.0	21.0	24.0	26.0	28.0	32.0	32.0

^a Units of two, four, or more axles. Unless otherwise indicated, data refer to both state and private ownership of cars used on the state or principal railroad system. Data are as of the end of the year. Because of the lack of comparability in data, totals for the OECD and the Communist countries are omitted.

^b Units of four or more axles.

^c Including secondary or private railroads operating as common carriers.

^d Excluding privately owned tank cars and including data for Northern Ireland.

^e PKP railroad cars only.

^f The majority are four-axle units.

Table 184
Civilian Truck Inventory ^a*Thousand units*

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^b	11,329	14,035	17,843	24,612	32,238	33,043	33,822	35,086	36,465
European Community									
France ^c	1,598	2,134	2,678	2,078	2,642	2,759	2,871	NA	NA
United Kingdom ^d	1,442	1,726	1,768	1,677	1,919	1,885	1,849	NA	NA
West Germany ^e	688	975	1,141	1,281	1,500	1,540	1,534	1,532	NA
Communist countries									
USSR and Eastern Europe	3,750	4,760	5,920	NA	NA	NA	NA	NA	NA
USSR	3,140	3,900	4,700	7,000	10,774	11,549	12,380	NA	NA
Eastern Europe	614	865	1,220	NA	NA	NA	NA	NA	NA
Bulgaria	68	95	115	NA	NA	NA	NA	NA	NA
Czechoslovakia	117	140	198	261	340	354	358	363	NA
East Germany	217	316	423	513	579	589	590	587	NA
Hungary	29	43	74	94	111	116	119	130	NA
Poland	130	189	274	425	618	641	616	655	NA
Romania	53	82	139	150	NA	NA	NA	NA	NA
Other									
China ^f	154	230	434	914	1,644	1,796	1,959	2,135	2,442
North Korea ^f	11	30	54	116	195	200	205	210	215

^a Unless otherwise indicated, data are as of the end of the year and include wheeled tractors for road haulage and exclude military trucks of all types.

^b Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state.

^c Beginning in 1975, only trucks less than 10 years old are being counted.

^d Including data for Northern Ireland. Data are as of 1 October of the stated year.

^e As of 1 July of the stated year.

^f Including both military and civilian trucks.

Table 185
Offloading Ports Accessible to Fully Loaded Tankers
of 200,000 Deadweight Tons and Larger, January 1985

Port	Largest Loaded Tanker Accommodated (Thousand DWT)	Port	Largest Loaded Tanker Accommodated (Thousand DWT)
OECD		OECD (continued)	
Australia	Port Walcutt 260	Italy (cont.)	Porto Torres (Sardinia) 250
Canada	Come by Chance 500	Japan	Kagoshima (Kiire) 500
	Point Tupper 357		Kin Wan (Chimu Wan) 500
	Saint John, New Brunswick 350		Okinawa 500
France	Antifer 555		Toma Komai 286
	Marseilles/Fos 500		Oita 273
	Bordeaux 350		Kawasaki 270
	Dunkirk 300		Tokuyama 270
	Sete 290		Yokaichi 270
	Le Havre 250		Yokohama 270
	Donges 240		Himeji 258
Finland	Porvoo 230		Nagoya 255
Greece	Megara 540		Chiba 254
	Perderes 400		Kashima 253
	Kali Lemenes (Crete) 315		Nakagusuku 250
	Aghii Theodori 280		Shimizu 250
Ireland	Bantry Bay 500		Shimotsu 250
Italy	Genoa 500		Ube 250
	Augusta (Sicily) 400		Mizushima 230
	Syracuse (Sicily) 400		Nishihaka 230
	Milazzo (Sicily) 330		Osaka 230
	Ancona 300		Owase 210
	Falconara 300		Fukuyama 200
	Fiumicino 300	Netherlands	Rotterdam/Europort 600
	Savona/Vado 300	Norway	Narvik 400
	Ravenna 265		Mongstad 300
	Gaeta 260		Slagenstangen (Oslo) 260
	Sarroch/Cagliari (Sardinia) 260	Portugal	Sines 500
	Taranto 260	Spain	Bilbao 500

Table 185 (continued)
Offloading Ports Accessible to Fully Loaded Tankers
of 200,000 Deadweight Tons and Larger, January 1985

Port	Largest Loaded Tanker Accommodated (Thousand DWT)	Port	Largest Loaded Tanker Accommodated (Thousand DWT)
OECD (continued)		Other countries (continued)	
Spain (cont.)	Tarragona 325	Brazil	Ilha Grande Bay 500
	Malaga 300		Sao Sebastio 300
	Cartagena 274		Itaqui 280
	Algeciras 250		Sao Francisco do Sul Brazil 200
	Las Palmas (Canary Islands) 250		Tramandai 200
	Teneriffe (Canary Islands) 240	Chile	Quintero Bay 210
Sweden	Brofjorden 500	Colombia	Santa Marta 400
	Goteborg 250	Israel	Eilat 500
Turkey	Izmit/Tutunciftlik 285		Ashkelon 250
United Kingdom	Anglesey 750	Malaysia	Bintulu 320
	Sullom Voe 350		Kerten Port 250
	Finnart 330	Netherlands Antilles	Aruba 550
	Coryton 320		Bonaire 550
	Milford Haven 300		Curacao/Bullen Bay 530
	Isle of Grain 280	Panama	Puerto Armuelles 265
	Liverpool 280	Philippines	Batangas 300
	Shellhaven (Thameshaven) 250	Singapore	Singapore 325
	Humber River 225	South Africa	Durban 320
United States	L.O.O.P. 700	South Korea	Ulsan 300
	Pauloboro 280	China (Taiwan)	Kaohsiung 250
	Riverhead, L.I. 250		Keelung 250
West Germany	Wilhelmshafen 300		Shalung 250
	Brunsbüttel 280	Trinidad	Point-a-Pierre 270
	Hamburg 200		Galeota Point 250
Other countries		Yugoslavia	Omishal 350
Bahamas	Freeport 500		Split 200
	South Riding Point 450	Windward Islands	Castries/St. Lucia 250

Table 186
Merchant Fleet Inventory ^a

	1965		1970		1975		1980		1983		1984	
	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>
World total	17,825	214,069	19,503	325,149	22,353	556,388	23,855	638,080	24,503	647,092	24,669	646,889
Non-Communist countries	16,243	202,277	17,020	303,720	19,222	523,247	20,035	590,670	20,544	595,799	20,442	589,182
OECD	12,440	148,453	12,164	208,962	11,286	316,611	10,971	323,208	9,779	293,891	9,173	274,404
Non-European Community	6,573	80,586	6,291	109,801	5,341	158,533	4,556	145,347	4,477	143,840	4,280	137,166
United States ^b	2,376	28,283	1,579	21,346	857	17,694	568	20,169	536	20,755	503	20,811
Japan	1,333	16,450	2,109	39,142	2,051	63,238	1,843	57,322	1,800	59,536	1,695	58,201
Norway	1,365	23,538	1,173	32,374	991	47,796	613	36,789	536	31,790	490	26,912
Sweden	443	5,643	366	6,898	324	12,723	258	6,378	237	4,923	232	3,983
Other	1,056	6,672	1,064	10,041	1,118	17,082	1,274	24,689	1,368	26,836	1,360	27,259
European Community	5,867	67,867	5,873	99,161	5,945	158,078	6,415	177,861	5,302	150,051	4,893	137,238
France	542	6,406	457	9,007	444	17,690	354	20,327	318	15,855	293	14,060
Greece ^c	916	10,388	1,195	18,214	1,804	37,638	2,835	67,067	2,340	65,306	2,020	59,519
Italy	588	6,917	625	9,803	633	16,081	647	17,331	600	14,617	598	14,391
United Kingdom	2,052	26,385	1,772	37,065	1,576	54,913	1,313	45,386	784	28,710	699	24,338
West Germany	843	7,184	993	11,697	611	13,453	470	11,630	436	8,878	455	7,831
Other	926	10,587	831	13,375	877	18,303	796	16,120	824	16,685	828	17,099
Non-OECD countries	3,803	53,824	4,856	94,758	7,936	206,636	9,064	267,462	10,765	301,908	11,269	314,778
Flag of Convenience	1,898	38,341	2,686	72,065	4,675	159,568	4,863	189,477	5,530	194,969	5,814	196,522
Cyprus	21	207	217	1,933	573	4,762	347	2,212	446	7,752	573	12,084
Liberia	1,313	30,906	1,840	60,992	2,546	132,694	2,191	150,058	1,932	130,359	1,832	120,860
Panama	564	7,228	629	9,140	1,556	22,112	2,325	37,207	3,152	56,858	3,409	63,578
Other countries	1,905	15,483	2,170	22,693	3,261	47,068	4,201	77,985	5,235	106,939	5,455	118,256
Brazil	227	1,590	201	2,017	260	4,546	278	7,681	304	9,038	321	9,467
India	210	2,266	242	3,709	308	6,943	365	9,359	376	10,094	374	10,469
Malaysia/Singapore	8	19	99	643	429	8,118	651	12,571	651	13,220	644	13,466
Other	1,460	11,608	1,628	16,324	2,264	27,461	2,907	48,374	3,904	74,587	4,116	84,854

Table 186 (continued)
Merchant Fleet Inventory ^a

	1965		1970		1975		1980		1983		1984	
	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT
Communist countries	1,582	11,792	2,483	21,429	3,131	33,141	3,820	47,410	3,959	51,293	4,227	57,707
USSR and Eastern Europe	1,171	9,462	1,939	16,845	2,290	23,337	2,527	30,144	2,544	31,961	2,551	33,098
USSR ^d	985	7,961	1,395	11,921	1,622	15,044	1,725	18,919	1,740	20,472	1,757	21,150
Eastern Europe	186	1,501	544	4,924	668	8,293	802	11,225	804	11,489	794	11,948
Bulgaria ^e	60	548	106	948	110	1,228	103	1,617	105	1,766	105	1,784
Czechoslovakia ^f	9	105	12	138	14	221	16	227	19	275	19	275
East Germany	60	550	130	1,310	146	1,729	158	1,864	150	1,632	150	1,704
Hungary	17	23	16	28	16	67	22	114	21	109	19	107
Poland ^g	10	105	230	2,000	289	3,866	312	4,705	284	4,212	267	4,145
Romania	30	170	50	500	93	1,182	191	2,698	225	3,495	234	3,933
Other	411	2,330	544	4,584	841	9,804	1,293	17,266	1,415	19,332	1,676	24,609
Albania ^h	8	44	11	72	11	72	10	74	10	74	11	53
China	190	1,075	269	1,944	495	6,082	870	11,800	1,015	13,640	1,202	18,173
Cuba	31	203	53	428	64	581	78	893	88	966	93	991
Yugoslavia	180	1,000	200	2,100	229	2,826	262	3,785	262	3,963	265	4,216
Other ⁱ	2	8	11	40	42	243	73	714	40	689	105	1,176

^a Ships of 1,000 gross register tons (GRT) or more. Data are as of the end of the year. Data for the non-Communist countries include all combination passenger and cargo ships, whereas, unless otherwise indicated, those for the Communist countries exclude passenger ships that have small cargo capacities.

^b Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

^c Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

^d Excluding the Caspian Sea Fleet passenger ships and vessels subordinate to the Ministry of the Fishing Industry.

^e Before August 1968, a few additional Bulgarian-owned ships were operated under the flags of non-Communist countries.

^f Until March 1967, an undetermined number of Czechoslovak-flag ships were jointly owned with China.

^g Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1984, there were 24 of these ships.

^h Data include a number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company.

ⁱ Including North Korean and Vietnamese vessels.

Table 187
Tanker Fleet Inventory ^a

	1965		1970		1975		1980		1983		1984	
	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>
World total	3,533	89,576	4,119	152,450	5,177	301,667	5,439	379,870	5,600	352,592	5,574	337,983
Non-Communist countries	3,290	85,629	3,759	146,555	4,736	292,241	4,910	366,529	5,029	339,349	4,976	324,210
OECD	2,350	58,883	2,528	96,952	2,917	173,746	2,855	197,426	2,671	171,562	2,497	156,491
Non-European Community	1,274	32,365	1,328	48,690	1,469	88,179	1,450	97,251	1,446	92,005	1,349	85,902
United States ^b	341	7,561	294	7,739	267	9,711	273	15,024	261	15,803	247	15,783
Japan	236	6,965	368	16,036	531	33,950	567	34,486	535	32,671	493	31,541
Norway	467	13,599	363	17,351	332	28,467	273	28,899	283	25,253	247	20,922
Sweden	73	2,098	80	2,887	79	6,524	69	4,087	71	2,907	70	2,151
Other	157	2,142	223	4,677	260	9,527	268	14,755	296	15,371	292	15,505
European Community	1,076	26,518	1,200	48,262	1,448	85,567	1,405	100,175	1,225	79,557	1,148	70,589
France	157	3,682	135	5,799	154	13,190	120	16,632	97	11,738	90	10,280
Greece ^c	129	2,970	216	7,714	345	15,557	422	27,997	362	27,883	315	24,751
Italy	143	2,872	198	4,585	236	7,953	247	11,758	233	9,261	233	9,234
United Kingdom	441	11,562	434	20,863	459	32,869	426	30,733	300	19,150	266	15,341
West Germany	48	1,295	59	2,956	83	5,627	67	5,353	89	4,046	89	3,115
Other	158	4,137	158	6,345	171	10,371	123	7,702	144	7,479	155	7,868
Non-OECD countries	940	26,746	1,231	49,603	1,819	118,495	2,055	169,103	2,358	167,787	2,479	167,719
Flag of Convenience	686	23,310	916	42,708	1,299	100,554	1,252	130,445	1,316	120,196	1,368	114,762
Cyprus	1	13	13	214	47	860	21	194	56	4,024	76	6,302
Liberia	534	19,018	730	36,802	1,014	89,470	943	116,018	809	96,496	761	87,343
Panama	151	4,279	173	5,692	238	10,224	288	14,233	451	19,677	531	21,117
OPEC	38	571	42	1,315	82	4,245	206	12,740	303	18,263	305	15,228
Iraq	0	0	0	0	10	380	22	2,164	20	2,139	18	1,415
Kuwait	3	161	6	787	7	1,150	22	2,613	31	3,106	31	2,505
Libya	0	0	0	0	5	410	14	1,506	14	1,507	12	1,413
Venezuela	14	284	16	372	15	440	13	409	25	947	24	876
Other	21	126	20	156	45	1,865	135	6,047	213	10,564	220	9,019
Other Non-OPEC	216	2,865	273	5,580	438	13,696	597	25,918	739	29,327	806	37,729
Brazil	46	604	45	810	53	944	74	5,032	84	5,365	89	5,454
India	8	217	13	510	25	1,510	47	3,467	54	3,624	62	4,086
Other	162	2,044	215	4,260	360	11,242	476	17,419	601	20,338	655	28,189

Table 187 (continued)
Tanker Fleet Inventory ^a

	1965		1970		1975		1980		1983		1984	
	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>	<i>Number</i>	<i>Thousand DWT</i>
Communist countries	243	3,947	360	5,895	441	9,426	529	13,341	571	13,245	598	13,773
USSR and Eastern Europe	212	3,562	301	5,108	331	6,975	361	10,081	392	9,977	400	10,225
USSR ^d	184	3,125	265	4,389	280	4,796	310	7,537	351	8,193	359	8,274
Eastern Europe	28	437	36	719	51	2,179	51	2,544	41	1,784	41	1,951
Bulgaria	11	160	18	267	20	472	18	549	16	518	15	506
East Germany	10	144	9	288	16	612	12	427	9	210	9	225
Poland	5	95	5	95	8	665	13	982	9	538	9	538
Romania	2	38	4	69	7	430	8	586	7	518	8	682
Other	31	385	59	787	110	2,451	168	3,260	179	3,268	198	3,548
China	19	135	38	375	80	1,916	132	2,513	153	2,436	165	2,640
Cuba	2	5	3	26	6	75	11	111	13	116	13	116
Yugoslavia	10	245	15	380	14	378	13	434	9	376	10	417
Other ^e	0	0	3	6	10	82	12	202	4	340	10	375

^a Tankers and whaling tankers of 1,000 gross registered tons (GRT) or more. Data are as of the end of the year and include specialized oil and chemical tankers and some combination carriers (oil/dry bulk carriers). For the purposes of this table, the tonnage is converted to deadweight (DWT).

^b Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

^c Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

^d Excluding the Caspian Sea Fleet and tankers assigned to the Ministry of the Fishing Industry.

^e Including North Korean and Vietnamese vessels.

Table 188
Fishing Fleet Inventory ^a

	1970		1975		1980		1982		1983		1984	
	Number	Thousand GRT ^b	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
OECD												
United States	201	74	1,743	398	2,537	524	2,950	593	3,152	643	3,137	627
Japan	2,386	978	3,149	1,217	2,989	1,107	3,042	1,092	3,003	1,096	2,958	1,090
Norway	635	182	621	211	715	240	658	233	629	224	615	225
Spain	1,364	433	1,744	550	1,776	558	1,651	518	1,611	506	1,563	492
European Community	2,140	760	2,460	899	2,298	731	2,264	678	2,190	652	2,228	670
France	660	195	620	200	514	170	483	154	480	159	483	159
Netherlands	284	57	392	93	386	94	366	96	393	101	436	125
United Kingdom	577	235	618	236	516	169	443	121	372	103	340	94
West Germany	182	147	147	145	136	117	118	90	107	77	126	82
Communist countries												
USSR and Eastern Europe	3,428	4,442	4,717	6,563	5,179	7,497	4,647	7,293	4,648	7,407	4,168	7,123
USSR	3,055	3,997	4,219	5,937	4,564	6,678	4,064	6,500	4,063	6,607	3,597	6,329
Eastern Europe	373	445	498	626	615	819	583	793	585	800	571	794
Bulgaria	17	55	34	94	40	110	39	108	39	108	39	108
East Germany	172	136	164	147	171	173	149	159	149	163	139	154
Poland	176	231	270	282	357	354	342	330	338	319	331	308
Romania	8	23	30	103	47	182	53	196	59	210	62	224
Other												
Cuba	167	66	181	81	264	172	265	168	265	168	265	168
Yugoslavia	3	1	3	1	8	3	8	1	13	2	13	2

^a Data are as of midyear.

^b Gross register tons; excluding ships under 100 GRT.

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Conversion Factors

To Convert From	To	Multiply By	To Convert From	To	Multiply By
Acres	Hectares	0.4046856	Meters, cubic	Tons, register	0.353147
Acres	Kilometers, square	0.004046856	Miles, nautical	Kilometers	1.852
Acres	Meters, square	4046.856	Miles, statute	Centimeters	160934.4
Centimeters	Meters	0.01	Miles, statute	Meters	1609.344
Centimeters, square	Meters, square	0.0001	Miles, statute	Kilometers	1.609344
Degrees, Fahrenheit	Degrees, Celsius	subtract 32 and multiply by 5/9	Miles, square	Hectares	258.9998
Feet	Centimeters	30.48	Miles, square	Kilometers, square	2.589998
Feet	Meters	0.3048	Ounces, avoirdupois	Grams	28.349523
Feet	Kilometers	0.0003048	Ounces, avoirdupois	Kilograms	0.028349523
Feet, cubic	Liters	28.316847	Ounces, troy	Pounds, troy	0.083333
Feet, cubic	Meters, cubic	0.028316847	Ounces, troy	Grams	31.10348
Feet, square	Centimeters, square	929.0304	Pints, liquid	Milliliters	473.176473
Feet, square	Meters, square	0.09290304	Pints, liquid	Liters	0.473176473
Gallons, US liquid	Liters	3.785412	Pounds, avoirdupois	Grams	453.59237
Gallons, US liquid	Meters, cubic	0.003785412	Pounds, avoirdupois	Kilograms	0.45359237
Grams	Ounces, troy	0.032151	Pounds, avoirdupois	Quintals	0.00453592
Grams	Pounds, troy	0.002679	Pounds, avoirdupois	Tons, metric	0.000453592
Hectares	Kilometers, square	0.01	Pounds, troy	Ounces, troy	12
Hectares	Meters, square	10,000	Pounds, troy	Grams	373.241722
Inches	Centimeters	2.54	Quarts, dry	Liters	1.101221
Inches	Meters	0.0254	Quarts, dry	Dekaliters	0.1101221
Inches, cubic	Milliliters	16.387064	Quarts, liquid	Milliliters	946.352946
Inches, cubic	Liters	0.016387064	Quarts, liquid	Liters	0.946352946
Inches, cubic	Meters, cubic	0.000016387064	Quintals	Tons, metric	0.1
Inches, square	Centimeters, square	6.4516	Tons, long	Kilograms	1016.047
Inches, square	Meters, square	0.00064516	Tons, long	Tons, metric	1.016047
Kilograms	Ounces, troy	32.15075	Tons, metric	Quintals	10
Kilograms	Pounds, troy	2.679229	Ton-miles, long	Ton-kilometers, metric	1.635169
Kilograms	Tons, metric	0.001	Ton-miles, short	Ton-kilometers, metric	1.459972
Kilometers, square	Hectares	100	Tons, register	Meters, cubic	2.831685
Liters	Milliliters	1000	Tons, short	Kilograms	907.185
Liters	Meters, cubic	0.001	Tons, short	Tons, metric	0.907185
Meters	Millimeters	1000	Yards	Centimeters	91.44
Meters	Centimeters	100	Yards	Meters	0.9144
Meters	Kilometers	0.001	Yards, cubic	Liters	764.5549
Meters, cubic	Liters	1000	Yards, cubic	Meters, cubic	0.7645549
			Yards, square	Meters, square	0.836127

