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Handbook of Economic Statistics 1979

A Research Aid

ER 79-10274
August 1979

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Handbook of Economic Statistics 1979

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Handbook of Economic Statistics, 1979

Purpose and Scope

The *Handbook of Economic Statistics, 1979*, provides statistics for selected non-Communist countries and all the Communist countries.

In general, the data in the *Handbook* are for 1960, 1965, and 1973-78. 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. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation, and, 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.

Symbols

The abbreviation *N.A. (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 CIA estimates, official data from the country cited, or estimates made by other organizations. The data for the non-Communist countries are from publications of the United Nations and the Organization for Economic Cooperation and Development (OECD), publications of US Government agencies, or 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, North Korea, Vietnam, Albania, Cuba, and Yugoslavia; the term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Romania. The term *European Community* includes Belgium, Denmark, France, Ireland, Italy, Luxembourg, the Netherlands, the United Kingdom, and West Germany. The term *developed countries* includes the European Community, Austria, Finland, Greece, 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* includes Greece, Portugal, Spain, Turkey, and all the developed countries, except Liechtenstein, Malta, Israel, and the Republic of South Africa.

Except for economic and military aid data, the term *less developed countries* includes the following (1) all independent countries of Africa except the Republic of South Africa; (2) all independent countries of East Asia except Japan but including Taiwan; (3) all independent countries in Latin America except Cuba; and (4) 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 and military aid conforms to that used by the Development Assistance Committee and other aid agencies and includes the following non-Communist countries (1) all independent countries of Africa except the Republic of South Africa, (2) all independent countries of East Asia except Hong Kong and Japan, (3) Malta, Portugal, and Spain in Europe, (4) all independent countries in Latin America, except Cuba, and (5) 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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*move to appropriate
Profile*

Gross National Product Per Capita, 1978 (in 1978 US \$)

More than \$7,000		
Australia	Iceland	Qatar
Austria	Japan	Saudi Arabia
Belgium	Kuwait	Sweden
Bermuda	Liechtenstein	Switzerland
Canada	Luxembourg	United Arab Emirates
Denmark	Nauru	United States
France	Netherlands	West Germany
Greenland	Norway	

\$801 to \$1,000	
Chile	Mauritius
Cuba	Peru
Dominican Republic	Syria
Ecuador	Tunisia
French Guiana	
Guatemala	

\$5,001 to \$7,000
Bahrain
Finland
Libya
Monaco
New Zealand
United Kingdom

\$601 to \$800	
Antigua	Jordan
Belize	Mongolia
Bolivia	Morocco
Colombia	Paraguay
El Salvador	Seychelles
Gilbert Islands	Swaziland
Gibraltar	

\$3,001 to \$5,000	
Bahamas	
Brunei	
Czechoslovakia	
East Germany	
Faroe Islands	
Gabon	
Greece	
Hong Kong	
Ireland	
Israel	
Italy	San Marino
Martinique	Singapore
Oman	Spain
Poland	USSR
Romania	Venezuela



\$1,001 to \$3,000	
Algeria	Namibia
Andorra	Netherlands Antilles
Argentina	New Caledonia
Barbados	Nicaragua
Brazil	Panama
Bulgaria	Portugal
Costa Rica	Puerto Rico
Cyprus	South Africa
Falkland Islands	South Korea
Fiji	Suriname
French Polynesia	Taiwan
Guadeloupe	Trinidad and Tobago
Hungary	Turkey
Iran	Uruguay
Iraq	Yugoslavia
Ivory Coast	
Jamaica	
Lebanon	
Malaysia	
Malta	
Mexico	

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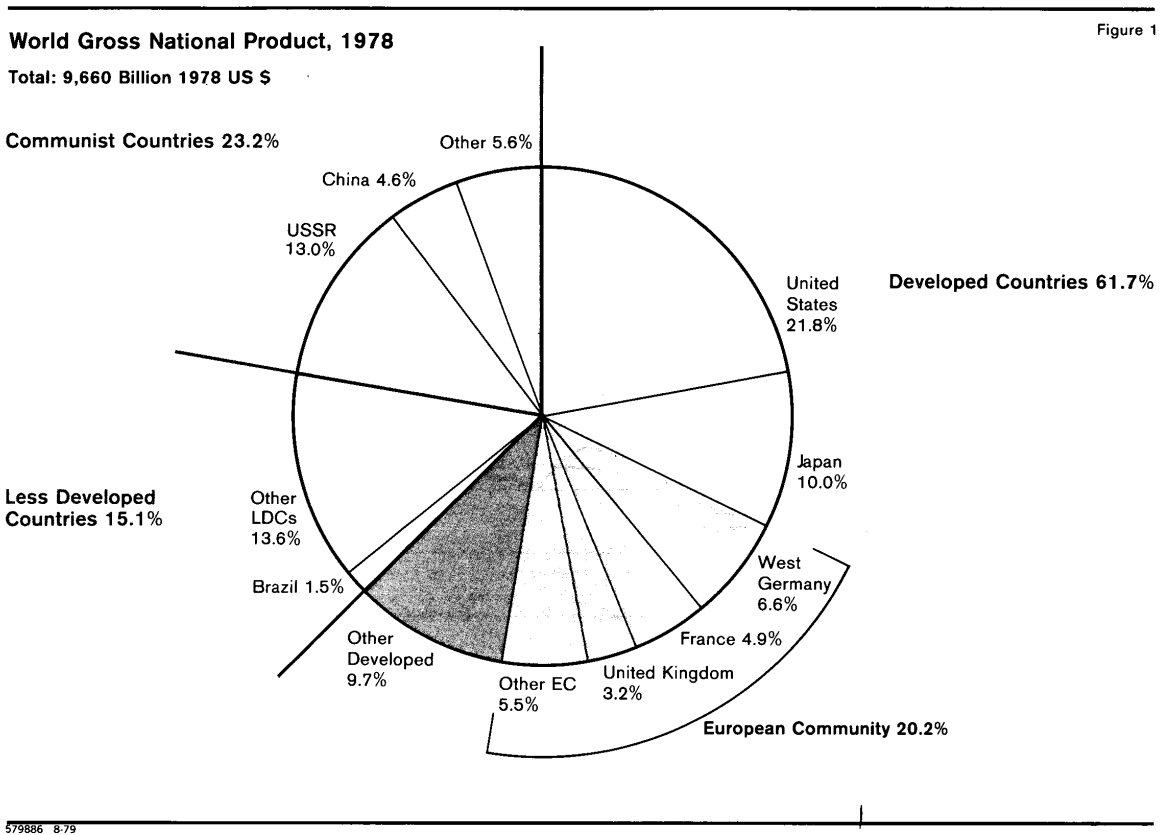
<p>\$401 to \$600</p> <p>Albania Botswana Cameroon Congo Cook Islands Dominica Egypt</p>	<p>Ghana Grenada Guyana Honduras Liberia Nigeria North Korea</p>	<p>North Yemen Peoples Republic of China Philippines St. Lucia Senegal Thailand</p>	<p>Tonga Western Samoa Zambia Zimbabwe-Rhodesia</p>	<p>Less than \$201</p> <p>Afghanistan Bangladesh Bhutan Burma Burundi Cape Verde Islands Chad Ethiopia Gambia Guinea-Bissau India Kampuchea Laos Malawi Maldives Mali Mozambique Nepal Niger Rwanda Somalia Upper Volta Vietnam</p>
<p>\$201 to \$400</p> <p>Angola Benin Central African Empire Djibouti Equatorial Guinea Guinea Haiti Indonesia</p>	<p>Kenya Lesotho Macao Madagascar Mauritania Pakistan Papua-New Guinea St. Christopher- Nevis-Anguilla</p>	<p>St. Vincent Sao Tome/Principe Sierra Leone South Yemen Sri Lanka Sudan Tanzania Togo Uganda</p>	<p>Western Sahara Zaire</p>	

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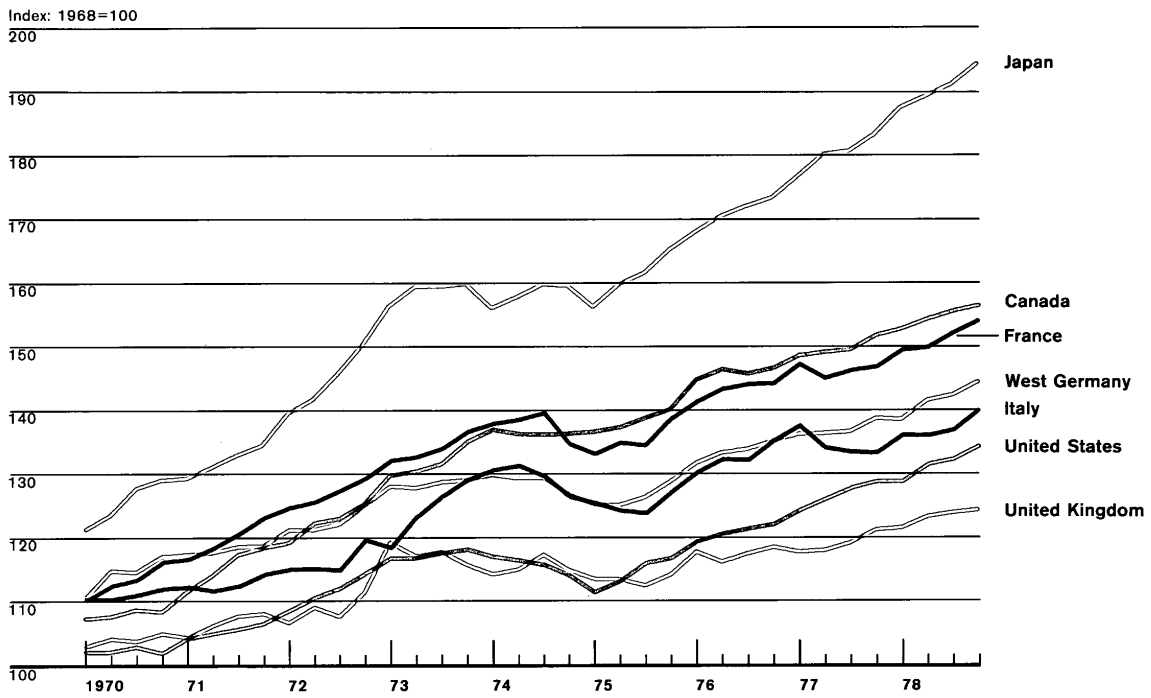
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Big Seven: Real Gross National Product

Figure 2



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Real Gross National Product Trends

Figure 3

Average Annual Rate of Growth (Percent)

GNP							Per Capita GNP						
5.2	0.4	-0.6	5.1	3.6	3.8		4.0	-0.6	-1.1	3.9	2.9	2.9	Developed Non-Communist Countries
5.8	10.0	3.3	5.6	4.5	5.8		3.5	7.5	0.4	3.1	1.9	3.1	Less Developed Non-Communist Countries
5.2	4.3	3.6	3.0	4.4	4.7		3.2	2.6	1.9	1.3	2.6	2.8	Communist Countries
1961-73	74	75	76	77	78		1961-73	74	75	76	77	78	

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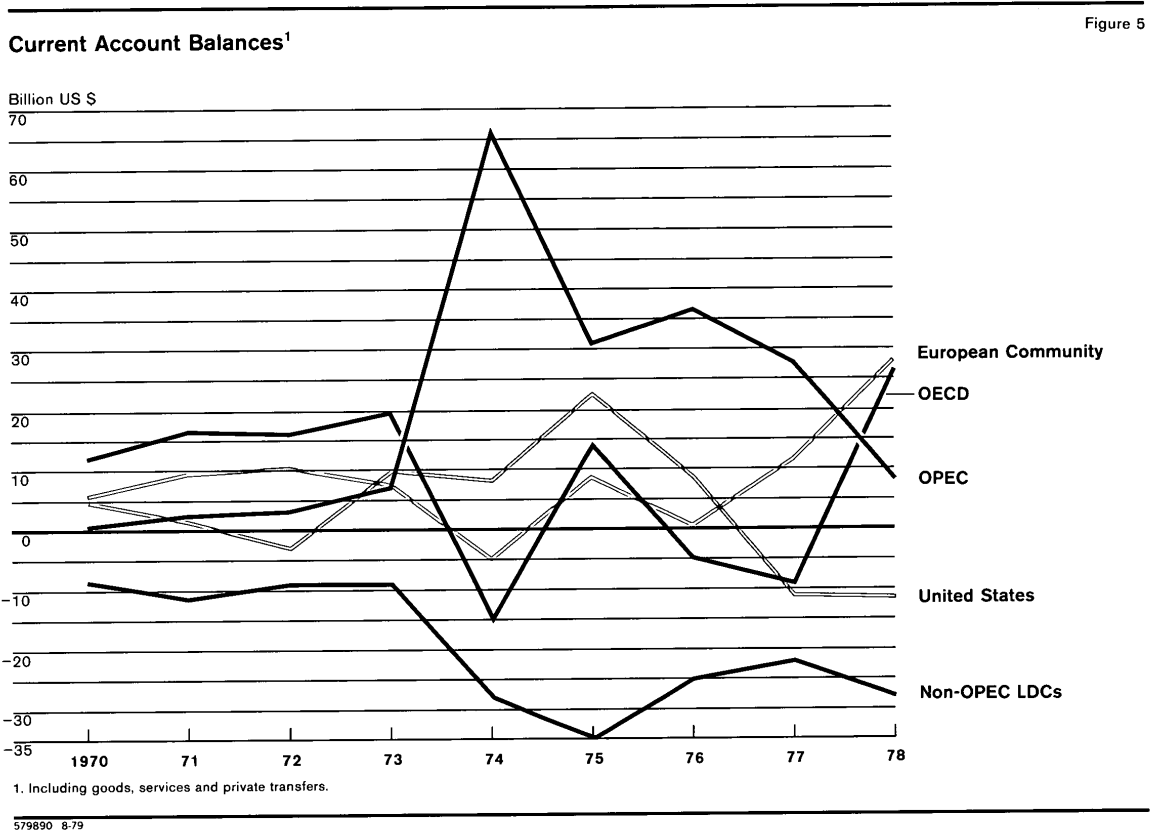
Percent Change in the Value of the US Dollar¹

Figure 4



1. Change relative to selected foreign currencies compared with March 1973.
2. Change relative to 16 major currencies, weighted by 1976 trade in manufactures.

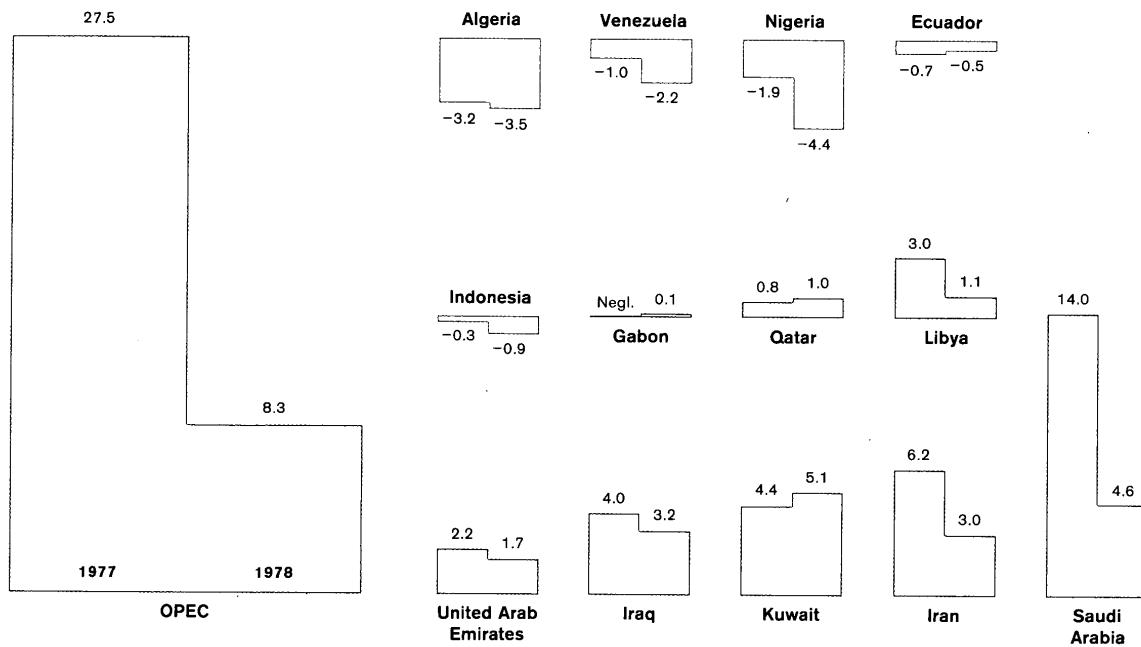
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OPEC Countries: Estimated Current Account Balances

Figure 6

Billion US \$

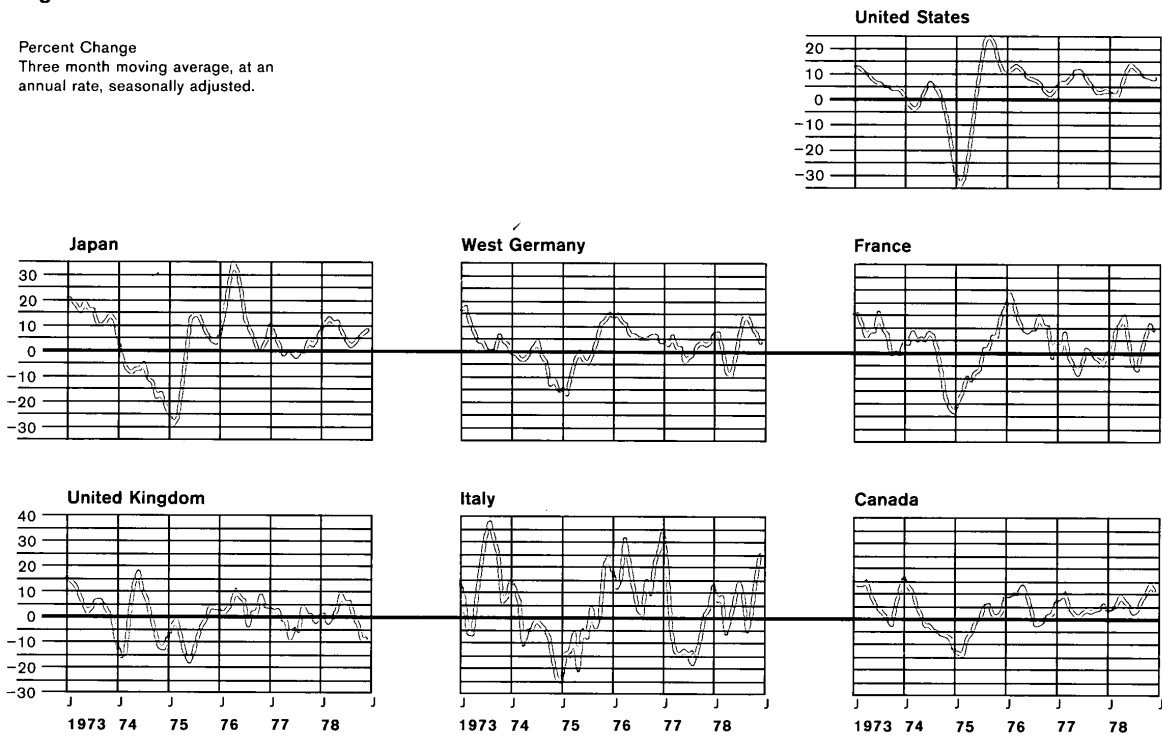


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Big Seven: Industrial Production Growth

Figure 7

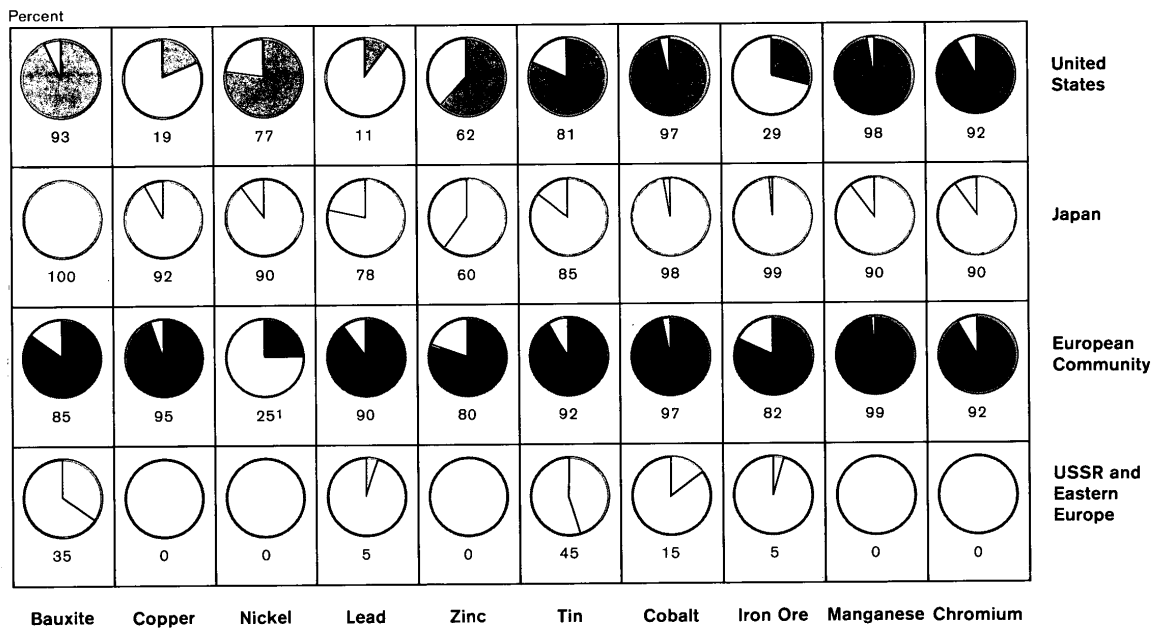
Percent Change
Three month moving average, at an
annual rate, seasonally adjusted.



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Minerals: Imports as a Share of Consumption, 1978

Figure 8



1. Based on French nickel deposits in New Caledonia.

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Table 1

Economic Profile: Developed Countries
and Communist Countries, 1978

	Developed Countries								Communist Countries		
	United States	Canada	Japan	European Community	France	Italy	United Kingdom	West Germany	USSR	Eastern Europe	China
Aggregative data											
Population											
Million persons at midyear	218.5	23.5	114.9	259.7	53.3	56.7	55.9	61.3 ¹	261.2	108.3	1,002.4
Percent change from 1977	0.8	0.9	0.9	0.2	0.4	0.5	Negl.	-0.2	0.9	0.4	1.5
Gross national product											
Billion 1978 US \$ ²	2,107.6	203.5	968.8	1,950	470.2	235.2	309.6	640.2 ¹	1,253.6 ³	384	444.2
Percent real growth in 1978	4.0	3.5	5.8	2.9	3.0	2.0	3.0	3.4 ¹	3.1 ³	3.2	11.7
Per capita (1978 US \$)	9,650	8,660	8,430	7,510	8,820	4,150	5,540	10,440 ¹	4,800	3,550	440
Industrial production (1970=100) <i>no growth</i>	135	139	135	N.A.	125	123	114	119	149	149	206
Industry											
Primary energy (million b/d of oil equivalents)	30.0	4.8	0.9	9.2	1.0	0.6	3.6	2.4	25.4	6.3	9.1
Electric power (billion kilowatt-hours)	2,436	341	568	1,180	224	174	288	353	1,202	402	257
Crude steel (million metric tons)	124.0	14.9	102.1	132	22.8	24.3	20.3	41.2	151.4	59.7	31.8
Cement (million metric tons)	80.8	10.4	84.9	132	28.0	38.8	15.9	33.6 ¹	127.0	68.4	65.2
Trade and international reserves											
Exports ⁴ (billion US \$)	143.6 ¹	47.9	98.4	462.2	79.4	56.1	71.7	142.5	52.4	64.2	9.9
Imports ⁴ (billion US \$)	183.1	46.2	79.9	462.8	81.8	56.5	78.6	121.8	50.8	71.0	10.8
Trade balance (billion US \$)	-39.6	1.8	18.5	-0.6	-2.4	-0.4	-6.9	20.7	1.6	-6.8	-1.0
International reserves (billion US \$)	19.6	4.6	33.5	119	13.9	14.8	17.1	53.9	15.4	100.5 ⁷	N.A.
Indicators of living standards											
Grain production (kilograms per capita)	1,220	1,680	140	440	820	300	310	380 ¹	910	750 ⁸	300
Meat production (kilograms per capita)	113	97	21	73	82	54	49	72 ¹	58	54 ⁷	N.A.
Television receivers in use (units per thousand persons)	632 ⁷	422 ⁷	N.A.	286 ⁷	280 ⁷	230 ⁷	326 ⁷	316 ^{1,7}	229 ⁷	220 ⁷	N.A.
Radio receivers in use (units per thousand persons)	2,032 ⁷	1,059 ⁷	N.A.	N.A.	359 ⁷	237 ⁷	N.A.	350 ^{1,7}	242 ⁷	223 ⁷	61 ⁹
Consumer price index (1970=100)	168	180	211	N.A.	199	265	270	150	114	N.A.	N.A.
Telephones in use (units per thousand persons)	742 ¹⁰	617 ¹⁰	441 ¹¹	353 ¹⁰	329 ¹⁰	284 ¹⁰	415 ¹¹	374 ¹⁰	80	109 ⁷	N.A.

¹ Including data for West Berlin.² Data for the non-Communist countries were converted from national currencies at average 1978 Par Rate/Market Rate factors. Data for the Communist countries were converted at US purchasing power equivalents.³ Data are at factor costs.⁴ Data are f.o.b.⁵ Excluding Department of Defense shipments.⁶ Data are c.i.f.⁷ Data are for 1977.⁸ Excluding rice for Bulgaria, Hungary, and Romania.⁹ Data are for 1975.¹⁰ Data are as of the beginning of the year.¹¹ Data are as of 31 March.

Table 2

**Economic Profile: Organization of Petroleum
Exporting Countries, 1978**

	Algeria	Ecuador	Gabon	Indonesia	Iran	Iraq	Kuwait	Libya	Nigeria	Qatar	Saudi Arabia	United Arab Emirates	Venezuela
Aggregative data													
Population													
Million persons at midyear	17.6	7.5	0.6	145.1	35.3	12.5	1.2	2.8	72.2	0.2	6.3	0.7	14.1
Percent increase from 1977	3.4	3.0	1.7	2.0	3.0	3.4	5.9	4.1	3.1	3.2	3.0	3.7	3.3
Gross national product													
Billion 1978 US \$	21.8	7.0	2.6	47.6	88.0	21.4	15.0	18.0	35.0	4.8	65.0	13.5	40.0
Percent real growth in 1978	8.0	6.4	-1.0	7.0	0.2	6.5	6.0	N.A.	5.5	8.0	2.5	-4.5	5.5
Per capita (1978 US \$)	1,240	930	4,330	330	2,490	1,710	12,500	6,430	480	24,000	10,320	19,290	2,840
Industry													
Crude oil (thousand b/d)	1,100	205	210	1,635	5,200	2,515	2,095	1,975	1,910	480	8,295	1,830	2,165
Trade and international reserves													
Exports ² (million US \$)	5,855	1,567	1,100	11,643	22,722	11,009	10,543	9,503	10,399	2,600	37,935	9,022	9,126
Government oil revenues (million US \$)	4,800	213	620	4,980	18,733	10,270	8,800	N.A.	8,500	2,100	34,500	7,990	5,800
Oil exports (thousand b/d)	980	190	190	1,400	4,500	2,250	2,010	1,950	1,850	480	8,100	1,830	1,930
Imports ³ (million US \$)	7,867	1,583	600	6,690	18,733	4,052 ⁴	4,613	5,886	11,874	1,207	24,148	4,900	9,957
United States (million US \$)	400	497	105	841	3,684	317	745	425	1,080	121	4,370	500	3,727
European Community (million US \$)	4,074 ⁴	N.A.	515 ⁴	1,327	7,662	2,817	1,364 ⁴	2,825 ⁴	5,124 ⁴	525	5,008 ⁴	1,707 ⁴	2,366
Japan (million US \$)	469 ⁴	173	17	2,408	2,480	1,269	935 ⁴	277 ⁴	1,040	239	2,342 ⁴	846 ⁴	789
International reserves (million US \$)	2,233	688	23	2,636	12,152	6,996 ⁴	2,616	4,216	1,916	206	19,406	838	6,517

¹ Including about one-half of Neutral Zone production.² Data are f.o.b.³ Data are c.i.f.⁴ Data are for 1977.

Table 3

Economic Profile: Selected Less Developed Countries, 1978

	Africa				Asia					Latin America					Middle East and South Asia				
	Ivory Coast	Kenya	Morocco	Zaire	Hong Kong	Malaysia	Philippines	South Korea	Taiwan	Argentina	Brazil	Chile	Colombia	Mexico	Peru	Egypt	India	Pakistan	Syria
Aggregative data																			
Population																			
Million persons at midyear	7.3	14.8	18.9	27.1	4.6	12.9	45.9	38.9	17.0	26.5	121.0	10.7	25.6	64.3	16.8	39.9	656.4	77.8	8.1
Percent increase from 1977	2.7	3.5	3.0	2.9	1.6	2.7	2.2	1.7	1.1	1.3	2.8	1.5	2.8	3.0	1.2	2.8	2.1	3.0	3.3
Gross national product																			
Billion 1978 US \$	7.3	4.7	9.9	7.6	11.8 ¹	15.7	23.2	46.0	24.0	51.0	148.9	10.9	18.5	92.4 ²	10.3	11.7	101.2 ³	18.2	5.7
Percent real growth in 1978	3.0	4.5	4.0	1.5	15.0 ¹	7.2	5.3	12.5	12.8	-4.1	6.3	6.0	5.0	6.6	-1.8	8.0	3.9	6.0	N.A.
Per capita (1978 US \$)	1,000	320	520	280	2,620 ¹	1,220	510	1,180	1,410	1,920	1,230	1,020	720	1,440	610	290	150	230	700
Industry																			
Electric power production (billion kilowatt-hours)	1.4	1.3 ¹	3.3 ¹	5.1 ¹	9.1	7.4	15.0	31.5	33.6	29.0	88.2	10.5	18.8	54.8	8.5	13.5	92.2 ⁴	13.5	1.7 ¹
Agriculture																			
Grain production (million metric tons)	0.8	2.3	5.3	0.7	Negl.	1.3	10.1	9.2	3.6	23.2	30.4	1.5	3.2	16.5	1.3	7.4	130.0	13.7	2.3
Trade and international reserves																			
Exports ⁵ (million US \$)	2,157 ¹	1,212 ¹	1,550	988 ¹	11,208	7,414	3,333	12,711	12,682	5,652 ¹	12,650	2,408	2,956	5,692	1,564 ¹	1,737	6,415	1,488	1,025
Imports ⁶ (million US \$)	1,756 ¹	1,285 ¹	3,100	609 ¹	13,109	5,918	5,167	14,972	11,051	4,162 ¹	15,006	3,002	2,928	7,108	1,911 ¹	6,727	7,404	3,323	2,564
International reserves (million US \$)	449	356	649	140	N.A.	3,330	1,832	2,776	1,515	5,160	11,898	1,153	2,456	1,928	558	604	6,808	486	469

¹ Data are for 1977.² Data are for gross domestic product.³ Data are for the fiscal year beginning 1 April 1978.⁴ Data are for the fiscal year beginning April 1977 and include data for public utilities only.⁵ Data are f.o.b.⁶ Data are c.i.f.

Table 4

Selected World Statistics ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
Gross National Product (Billion 1978 US \$)	4,230	5,460	7,000	8,220	8,430	8,510	8,910	9,260	9,660
Population (Million persons, midyear)	2,986	3,288	3,610	3,818	3,890	3,967	4,044	4,124	4,208
Exports (Billion US \$)	129.8	189.9	313.1	576.0	840.2	874.2	991.6	1,126.8	1,304.9
Crude oil (Million b/d)	21.0	30.3	45.7	55.7	55.9	53.0	57.3	59.7	59.9
Natural gas (Trillion cubic feet)	N.A.	24.5	38.1	46.1	47.2	47.5	49.5	50.4	50.4
Hard coal (Million metric tons)	1,985 ²	2,034 ²	2,068 ²	2,172	2,202	2,369	2,417	2,512	2,612
Brown coal and lignite (Million metric tons)	640	742	793	824	843	863	893	910	926
Electric power (Billion kilowatt hours)	2,348	3,412	5,019	6,124	6,309	6,521	6,979	7,513	7,543
Iron ore (Million metric tons)	522	621	769	846	895	892	895	858	874
Bauxite (Million metric tons)	27.6	37.4	57.8	70.4	78.0	75.1	77.6	82.4	84.0
Pig iron (Million metric tons)	259	335	431	481	514	468	487	483	486
Crude steel (Million metric tons)	346	459	594	698	708	651	683	674	697
Refined copper (Thousand metric tons)	N.A.	6,157	7,543	8,522	8,904	8,399	8,849	9,113	9,146
Refined nickel (Thousand metric tons)	N.A.	417	592	654	717	710	783	744	592
Primary aluminum (Million metric tons)	4.5	6.3	9.7	12.1	13.2	12.0	12.5	13.7	13.9
Smelter lead (Thousand metric tons)	2,313	2,641	3,292	3,482	3,500	3,369	3,313	3,410	3,506
Refined zinc (Thousand metric tons)	3,025	3,949	4,827	5,331	5,463	4,988	5,299	5,452	6,018
Primary tin metal (Thousand metric tons)	192	200	227	234	228	230	232	231	235
Mineral fertilizer ³ (Million metric tons, nutrient content)	N.A.	42.8	66.3	81.8	87.5	93.3	93.4	99.6	105.4
Nitrogen fertilizer ³ (Million metric tons of N)	N.A.	16.8	30.2	37.8	40.4	42.5	43.8	46.2	49.6

Table 4 (continued)

Selected World Statistics ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
Phosphate fertilizer ³ (Million metric tons of P ₂ O ₅)	N.A.	13.8	19.2	23.8	24.9	27.1	26.1	28.2	30.0
Potassium fertilizer ³ (Million metric tons of K ₂ O)	N.A.	12.1	16.9	20.2	22.2	23.7	23.5	25.3	25.8
Synthetic fibers (Thousand metric tons)	700	2,050	4,870	7,820	7,680	7,460	8,650	9,700	9,990
Automobiles (Thousand units)	12,800	19,100	22,500	29,800	25,800	25,200	29,600	31,600	32,400
Trucks and buses (Thousand units)	3,690	5,220	6,780	9,500	9,290	8,330	10,150	11,330	12,100
Television receivers (Million units)	19.8	29.9	45.4	53.6	51.8	51.6	66.0	67.9	69.8
Radio receivers (Million units)	51.8	75.7	85.7	82.7	73.2	65.6	83.0	94.9	86.9
Grain (Million metric tons)	929	1,010	1,220	1,400	1,360	1,390	1,490	1,470	1,570
Wheat (Million metric tons)	240	262	319	377	360	355	418	382	425
Coarse grain (Million metric tons)	414	441	540	628	607	605	663	668	704
Rice (Million metric tons)	162	166	203	341	206	231	346	370	378
Potatoes (Million metric tons)	285	285	312	317	295	286	291	293	303
Sugar (Million metric tons)	61.4	67.2	76.7	80.7	81.0	85.1	88.8	96.4	102.0
Fish catch (Million metric tons)	40.2	53.2	70.7	67.7	71.3	71.0	74.7	73.5	N.A.
Cattle (Million head)	901	1,070	1,100	1,150	1,180	1,200	1,210	1,210	1,230
Hogs (Million head)	519	575	594	652	661	651	638	666	669
Meat (Million metric tons)	65.4	73.3	102.0	109.0	115.0	117.0	120.0	123.0	124.0
Milk (Million metric tons)	315	342	362	380	387	390	397	409	414
Wool (Thousand metric tons)	2,450	2,540	2,840	2,570	2,530	2,650	2,610	2,590	2,580
Ginned cotton (Million metric tons)	10.4	12.2	11.8	13.7	14.0	11.7	12.4	13.8	12.9

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Railroad freight (Million ton-kilometers)	3,338	4,195	5,020	5,764	5,982	5,992	6,081	6,209	N.A.
Fishing fleet inventory (Number)	N.A.	N.A.	12,889	17,054	17,955	18,940	19,651	19,940	19,969
Fishing fleet inventory (Thousand GRT)	N.A.	N.A.	7,804	10,275	10,683	11,339	11,849	12,162	12,198
Merchant fleet inventory (Number)	17,229	17,825	19,503	21,600	21,755	22,353	22,884	24,102	24,030
Merchant fleet inventory (Million DWT)	171.6	214.1	325.1	446.4	502.7	556.4	596.9	628.7	633.2
Tanker fleet inventory (Number)	3,371	3,533	4,119	4,813	4,988	5,177	4,311	5,501	5,363
Tanker fleet inventory (Million DWT)	63.7	89.6	152.4	220.5	261.4	301.7	319.6	389.3	381.5

20,4108
12,270

¹ For more detailed descriptions and definitions, refer to the respective table. Unless otherwise indicated data include China.

² Including brown coal at its hard coal equivalent.

³ Fertilizer year ending 30 June of the stated year.

Table 5

Indicators of Living Standards for the US and USSR

	1960	1965	1970	1973	1974	1975	1976	1977	1978
Food									
Grain production ¹ (kilograms per capita)									
United States ²	1,090	1,032	991	1,129	965	1,164	1,197	1,210	1,224
USSR ³	586	525	769	891	776	551	872	756	899
Meat production ⁴ (kilograms per capita)									
United States ⁵	71	74	110	105	112	108	117	116	113
USSR ⁶	41	43	51	54	58	59	53	57	58
Persons supplied per farm worker									
United States	26	35	45	48	48	49	49	52	56
USSR	5	6	6	7	7	7	7	8	8
Housing									
Housing construction (square meters per capita)									
United States	0.80	0.82	0.74	1.14	0.93	0.76	0.82	0.99	1.07
USSR	0.51	0.42	0.44	0.44	0.44	0.43	0.41	0.42	0.42
Transportation									
Passenger automobile production (units per hundred persons)									
United States ⁷	3.69	4.79	3.20	4.59	3.46	3.14	3.95	4.24	4.19
USSR	0.06	0.09	0.14	0.37	0.44	0.47	0.48	0.49	0.50
Communications									
Television receivers in use ⁸ (units per hundred persons)									
United States	31	36	45	56	57	59	62	N.A.	N.A.
USSR	2	7	14	20	21	22	22	23	24
Radio receivers in use ⁸ (units per hundred persons)									
United States	86	117	164	182	190	193	198	205	N.A.
USSR	13	16	20	22	23	23	24	24	24
Household equipment									
Washing machine production (units per thousand persons)									
United States ⁷	18	22	20	26	23	20	21	23	23
USSR	4	15	22	12	12	13	14	14	14

Washing machines in use ¹ (units per thousand persons)									
United States ⁹	158	170	194	224	229	238	248	263	263
USSR	13	59	141	173	181	189	195	200	203
Refrigerator production (units per thousand persons)									
United States ⁷	19	25	26	32	28	21	22	26	27
USSR	2	7	17	22	22	22	23	22	23
Refrigerators in use ⁸ (units per thousand persons)									
United States ⁹	281	295	336	330	334	340	344	350	353
USSR	10	29	89	142	161	178	194	210	226

¹ The data do not necessarily represent food available for consumption, because imports of foreign grain and exports of domestically produced grain are not included.

² Excluding corn silage and forage but including sorghum for grain.

³ 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.

⁴ Data are on a carcass weight, bone-in basis.

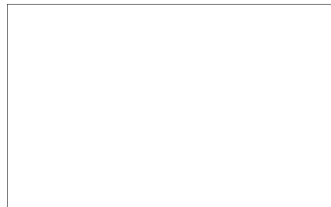
⁵ Including poultry and excluding slaughter fats, rabbit, and variety meats.

⁶ Including horsemeat, rabbit, poultry, game, edible offal, and lard.

⁷ Data are for factory sales and include complete units exported for assembly.

⁸ As of the end of the year.

⁹ Data are understated because they are based on the number of households with one or more units; thus, a household with more than one is counted as having only one.



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Table 6

Commodity Production of the US and the USSR

Commodity	1960	1965	1970	1973	1974	1975	1976	1977	1978
Primary energy (million b/d of oil equivalent)									
US	21.1	24.9	30.8	30.9	30.1	29.8	29.7	29.3	30.0
USSR	9.3	13.2	17.0	19.6	20.7	21.9	23.2	24.3	25.4
Crude oil (thousand b/d)									
US	7,055	7,804	9,648	9,210	8,770	8,375	8,130	8,180	8,700
USSR	2,943	4,835	6,976	8,420	9,020	9,630	10,170	10,700	11,210
Natural gas (trillion cubic feet)									
US	12.7	16.0	21.9	22.6	21.6	20.1	20.0	19.9	19.5
USSR	1.6	4.5	7.0	8.3	9.2	10.2	11.3	12.2	13.1
Hard coal (million metric tons)									
US	391.5	475.3	550.4	530.1	539.3	576.2	598.1	604.7	566.6
USSR	355.9	397.6	432.7	461.2	473.4	485.0	494.0	503.0	500.0
Brown coal and lignite (million metric tons)									
US	2.5	4.6	7.2	12.9	14.1	17.7	22.9	28.1	32.3
USSR	134.2	147.4	144.7	153.5	157.2	160.0	160.0	160.0	163.0
Electricity (billion kilowatt-hours)									
US	893.7	1,229.6	1,742.7	2,081.2	2,086.3	2,131.0	2,169.7	2,361.7	2,436.6
USSR	292.3	506.7	740.9	914.6	975.8	1,038.6	1,111.4	1,150.1	1,202.0
Iron ore (million metric tons)									
US	90.2	88.8	91.2	89.1	85.7	80.1	81.3	56.6	82.0
USSR	105.9	153.4	195.5	216.1	224.8	232.8	239.1	239.7	244.0
Bauxite (thousand metric tons)									
US	2,030	1,680	2,120	1,910	1,980	1,800	1,990	2,010	1,790
USSR	3,100	5,300	6,700	7,500	7,800	8,000	8,200	8,400	8,500
Pig iron (million metric tons)									
US	62.2	82.6	82.8	91.9	86.6	72.5	78.8	73.8	79.5
USSR	46.8	66.2	85.9	95.9	99.9	103.0	105.4	107.4	110.7
Crude steel (million metric tons)									
US	90.1	119.3	119.3	136.8	132.2	105.8	116.1	113.2	124.0
USSR	65.3	91.0	115.9	131.5	136.2	141.3	144.7	146.7	151.4
Refined copper (thousand metric tons)									
US	1,642	1,957	2,065	2,117	1,952	1,622	1,737	1,707	1,811
USSR	475	700	1,015	1,200	1,250	1,320	1,350	1,400	1,460
Primary aluminum (thousand metric tons)									
US	1,830	2,500	3,600	4,110	4,450	3,520	3,860	4,120	4,360
USSR	630	1,000	1,700	2,100	2,300	2,430	2,500	2,550	2,600

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Lead (thousand metric tons)									
US	347	379	605	612	611	577	592	549	562
USSR	300	385	470	510	530	540	560	560	565
Refined zinc (thousand metric tons)									
US	788	978	866	604	575	450	515	454	454
USSR	360	475	690	780	790	820	840	840	850
Gold (million troy ounces)									
US	1.7	1.7	1.7	1.2	1.1	1.0	1.0	1.1	1.0
USSR	3.5	5.0	6.5	7.7	8.0	8.2	8.4	8.7	8.8
Synthetic ammonia (million metric tons of N)									
US	3.6	6.6	10.3	11.3	11.8	12.2	12.3	13.0	12.6
USSR	1.1	3.1	6.3	8.4	9.1	9.9	10.1	10.7	11.3
Mineral fertilizer (million metric nutrient content tons)									
US	7.4	11.9	15.8	17.8	17.1	17.9	18.5	19.4	N.A.
USSR	3.3	7.4	13.1	17.4	19.4	22.0	22.6	23.5	23.6
Nitrogen fertilizer (million metric tons of N)									
US	2.7	5.1	8.2	9.2	8.5	9.3	9.6	10.0	N.A.
USSR	1.0	2.7	5.4	7.2	7.9	8.5	8.6	9.1	9.2
Plastics (million metric tons)									
US	2.8	5.3	8.7	12.5	12.5	9.6	12.5	14.9	16.3
USSR	0.3	0.8	1.7	2.3	2.5	2.8	3.1	3.3	3.5
Synthetic rubber (million metric tons)									
US	1.5	1.8	2.2	2.6	2.4	2.0	2.4	2.5	2.5
USSR	0.3	0.6	0.9	1.2	1.3	1.4	1.6	1.7	1.8
Woven cotton fabrics									
US (billion linear meters)	8.6	8.4	5.7	5.0	4.6	4.0	4.1	3.9	3.6
USSR (billion square meters)	4.8	5.5	6.2	6.6	6.6	6.6	6.8	6.8	7.0
Woven woolen fabrics									
US (million linear meters)	262	244	163	97	73	71	87	94	107
USSR (million square meters)	439	466	643	703	724	740	764	773	781
Turbine production (million kW)									
US	12.9	15.5	27.6	34.8	38.3	30.5	35.3	30.2	27.9
USSR	9.2	14.6	16.2	15.1	17.3	18.9	19.6	18.9	19.5
Grain combines (thousands)									
US	30.2	37.6	21.0	25.2	28.6	31.3	31.7	31.9	31.8
USSR	59.0	85.8	99.2	84.8	88.4	97.5	101.7	105.5	113.0
Tractors (thousands)									
US	178.5	271.8	191.7	236.9	233.8	232.0	213.2	226.9	197.3
USSR	238.5	354.5	458.5	499.6	531.1	550.4	562.2	569.1	576.0
Automobiles (millions)									
US	6.7	9.3	6.5	9.7	7.3	6.7	8.5	9.2	9.2
USSR	0.1	0.2	0.3	0.9	1.1	1.2	1.2	1.3	1.3

Table 6 (continued)

Commodity Production of the US and the USSR¹

Commodity	1960	1965	1970	1973	1974	1975	1976	1977	1978
Trucks and buses (millions)									
US	1.2	1.8	1.7	3.0	2.7	2.3	3.0	3.4	3.7
USSR	0.5	0.4	0.6	0.7	0.7	0.8	0.8	0.8	0.8
Cement (million metric tons)									
US	56.1	65.1	67.4	77.6	73.4	61.8	66.2	71.3	80.8
USSR	45.5	72.4	95.2	109.5	115.1	122.1	124.2	127.1	127.0
Lumber (million cubic meters)									
US	77.7	84.2	81.5	91.2	82.6	75.7	86.1	89.4	N.A.
USSR	105.6	111.0	116.4	116.2	114.7	116.2	112.6	109.5	N.A.
Grain (million metric tons)									
US	181.3	183.5	186.7	237.6	204.5	248.7	257.4	262.3	267.3
USSR	125.6	121.1	186.8	222.5	195.7	140.1	223.8	195.7	237.2
Wheat (million metric tons)									
US	36.9	35.8	36.8	46.6	48.5	57.8	58.3	55.4	49.0
USSR	64.3	59.7	99.7	109.8	83.9	66.2	96.9	92.2	120.8
Coarse grain (million metric tons)									
US	141.9	144.2	146.1	186.8	150.9	185.1	193.9	202.4	212.1
USSR	61.1	60.8	85.8	111.0	109.9	71.9	124.9	101.3	114.3
Potatoes (million metric tons)									
US	11.7	13.1	14.8	13.6	15.5	14.5	16.2	16.1	16.4
USSR	84.4	88.7	96.8	108.2	81.0	88.7	85.1	83.6	85.9
Sugar (million metric tons)									
US	3.6	4.9	5.3	5.5	5.1	5.7	6.2	5.5	5.6
USSR	6.9	12.0	11.1	11.6	10.3	11.3	10.1	13.1	13.3
Meat (million metric tons)									
US	12.8	14.3	22.5	22.1	23.6	23.0	25.1	25.2	24.6
USSR	8.7	10.0	12.3	13.5	14.6	15.0	13.6	14.7	15.2
Milk (million metric tons)									
US	53.7	56.3	53.3	52.4	52.4	52.3	54.6	55.8	55.2
USSR	61.7	72.6	83.0	88.3	91.8	90.8	89.7	94.7	94.5
Wool (thousand metric tons)									
US	146	109	85	71	64	59	53	50	50
USSR	357	357	419	433	462	467	436	458	462
Ginned cotton (thousand metric tons)									
US	3,107	3,260	2,219	2,825	2,513	1,808	2,303	3,133	2,328
USSR	1,458	1,925	2,343	2,606	2,859	2,674	2,815	2,978	2,890

¹ For more detailed definitions, exceptions, and methodology refer to the commodity tables.

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Aggregative Trends

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Table 7 Billion 1978 US \$

Estimated Gross National Product at Market Prices ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
World	4,230	5,460	7,000	8,220	8,430	8,510	8,910	9,260	9,660
Developed Countries	2,750	3,550	4,520	5,280	5,300	5,270	5,540	5,740	5,960
United States	1,120.7	1,408.3	1,635.5	1,878.4	1,852.3	1,828.7	1,932.4	2,027.1	2,107.6
Australia	48.1	61.4	81.8	94.7	97.0	98.8	102.6	104.8	107.4
Canada	85.4	113.3	142.0	172.8	178.8	181.0	191.5	196.6	203.5
Japan	222.5	357.7	631.3	809.9	801.9	821.2	870.4	915.7	968.8
Spain	48.7	74.0	100.6	124.0	130.6	131.5	134.2	137.5	141.6
Sweden	48.8	62.3	75.8	81.0	84.2	85.0	86.3	84.2	86.1
Switzerland	53.3	69.0	82.8	91.7	93.0	86.7	85.5	87.8	88.7
European Community	973	1,230	1,550	1,770	1,800	1,770	1,860	1,900	1,950
Belgium	46.2	59.4	74.5	87.4	91.5	89.7	94.8	95.9	98.1
France	197.9	262.9	348.1	409.5	420.1	419.7	443.2	456.5	470.2
Italy	110.2	142.5	191.0	213.9	222.2	214.7	226.7	230.6	235.2
Netherlands	61.3	78.3	101.1	116.2	121.1	119.6	125.1	128.0	130.6
United Kingdom	199.7	234.5	262.7	294.8	293.0	288.4	295.9	300.6	309.6
West Germany ²	322.1	413.6	519.7	583.4	586.4	571.5	603.5	619.2	640.2
Less Developed Countries	527	704	912	1,100	1,210	1,250	1,320	1,380	1,460
Brazil	33.9	50.7	73.4	105.9	116.2	122.8	133.9	140.1	148.9
India	57.0	65.8	83.2	87.6	87.6	90.8	92.3	97.8	105.1
Communist Countries	956	1,210	1,570	1,840	1,920	1,990	2,050	2,140	2,240
USSR and Eastern Europe	737	937	1,200	1,370	1,430	1,470	1,530	1,580	1,640
USSR ³	548.4	710.6	923.0	1,056.2	1,100.0	1,127.3	1,169.5	1,205.7	1,253.6
Eastern Europe ⁴	188	227	273	317	332	346	361	373	384
Bulgaria	10.2	14.1	18.1	20.5	21.1	22.8	23.8	23.7	24.8
Czechoslovakia	42.0	46.4	54.9	60.8	62.9	64.8	66.1	69.0	70.7
East Germany	46.3	53.4	62.3	67.9	71.2	73.9	75.5	78.4	81.0
Hungary	18.3	21.8	25.3	28.4	29.1	29.8	29.8	31.3	32.1
Poland	48.7	59.1	72.0	88.8	94.1	98.6	102.7	105.5	108.3
Romania	22.7	31.9	40.6	50.9	53.7	56.1	62.7	64.7	67.5
Far East									
China	151.8	185.3	262.6	332.0	344.2	368.4	368.0	397.7	444.2
North Korea	2.9	4.6	6.1	8.3	9.3	10.0	9.7	9.7	10.4
Other									
Yugoslavia ⁴	20.2	27.2	35.0	41.2	44.5	46.2	48.1	51.8	55.3

¹ Data for the non-Communist countries were converted from national currencies by using the 1978 Par Rate/Market Rate factors.

² Including data for West Berlin.

³ See footnote 1 of Table 9 for an explanation of the data. Figures for 1965, 1975-77 are from I. Edwards, M. Hughes, J. Noren, "US and USSR: Comparisons of GNP," in US Congress, Joint Economic Committee, *The Soviet Economy in a Time of Change* (Washington, D.C., 1979). Data for other years were derived by moving 1976 Soviet GNP in dollars (geometric mean) through time by indexes of Soviet GNP in 1976 established ruble prices. This shortcut procedure gives results that are quite close to those obtained through the more complex procedures used for the benchmark years of the

study—1955, 1965, 1975-77. A detailed discussion of estimating Soviet GNP in 1976 US dollars is available in the study cited above.

⁴ The dollar values of gross national product are not official figures. They are estimates based on Western concepts and procedures, which compare as closely as possible to values published by Western countries. Estimates of GNP in domestic prices were converted at US purchasing power equivalent and extended to 1978 by means of the US official deflator for GNP. For additional information, see T. P. Alton, "Comparative Structure and Growth of Economic Activity in Eastern Europe," in US Congress, Joint Economic Committee, *East European Economics Post-Helsinki: A Compendium of Papers* (Washington, D.C., 1977).

~~add Cuba~~

$\frac{3.9}{4.3}$ $\frac{3.2}{x}$

Table 8

Gross National Product in Purchasing Power Equivalents and Exchange Rate Equivalents

use 1978 publication

	Purchasing Power Equivalents ¹	Purchasing Power Equivalents ²	Average 1978 Par Rate/Market Rate	Average 1977 Exchange Rate Conversions	Average 1973 Exchange Rate Conversions	February 1973 Exchange Rate Conversions	May 1972 Exchange Rate Conversions	April 1971 Exchange Rate Conversions
Gross National Product, 1978 (Billion 1978 US \$)								
OECD								
Belgium	N.A.	75.0	98.1	86.0	79.0	76.4	68.8	61.6
Denmark	N.A.	34.5	54.4	50.0	49.6	47.8	43.0	40.0
France	393.7	390.8	470.2	431.9	476.5	461.3	414.8	382.0
Italy	243.1	219.4	235.2	226.2	342.4	352.3	343.3	319.4
Japan	750.4	630.0 ³	968.8	759.4	749.1	755.2	662.0	566.4
Netherlands	N.A.	80.7	130.6	115.1	101.1	96.8	87.1	78.0
Norway	N.A.	27.5	39.4	38.6	35.4	34.4	30.9	28.8
United Kingdom	340.5	320.1	309.6	281.5	395.5	401.6	420.3	387.1
West Germany ⁴	445.0	395.7	640.2	553.8	481.3	443.4	399.0	351.3
Gross National Product Per Capita,⁵ 1978 (United States = 100)								
OECD								
Belgium	N.A.	79	104	91	84	81	73	65
Denmark	N.A.	70	111	102	101	97	87	81
France	77	76	91	84	93	90	81	74
Italy	44	40	43	41	63	64	63	58
Japan	68	57	87	68	69	68	60	51
Netherlands	N.A.	60	97	86	75	72	65	58
Norway	N.A.	70	100	98	89	87	78	73
United Kingdom	63	59	57	52	73	74	78	72
West Germany ⁴	75	67	108	94	81	75	67	59

¹ For the individual OECD countries, the ratios for converting GNP in national currencies at 1978 prices into 1978 US dollars on the basis of purchasing power equivalents are derived from the 1970 ratios in *A System of International Comparisons of Gross Product and Purchasing Power*, published for the World Bank by The Johns Hopkins University Press, Baltimore and London, 1975, p. 9, using the geometric mean of foreign and US weighted ratios. These 1970 GDP parities were moved to 1978 by applying the following factor: the derived price index for each OECD country for 1970-78 divided by a derived price index for the United States for 1970-78. These price indexes were derived for each country by dividing the growth of GNP in current prices by the growth of GNP in constant prices. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1978 prices.

² For the individual European OECD countries, the ratios for

converting GNP in national currencies at 1978 prices into 1978 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 1978 by applying the following factor: the derived price index for each European country for 1950-78 divided by a derived price index for the United States for 1950-78. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1978 prices.

³ Converted at US purchasing power equivalents in approximately the same manner as the data for the European countries.

⁴ Including data for West Berlin.

⁵ Based on 1978 prices.

Table 9

Gross National Product, by End Use,
in the US and the USSR, 1977

	Billion 1976 US \$ ¹		USSR as a Percent of US
	US	USSR	
Consumption	1,238.4	533.7	43
New fixed investment	305.3	314.1	103
Defense and space	92.1	126.6	137
Other government expenditures	146.4	85.7	59
GNP	1,782.2	1,060.4²	59

¹ US data in market prices. Total Soviet GNP and the various end uses were converted to dollars not by the official rate of exchange but by the average purchasing power ratio of the dollar and the ruble calculated from actual or estimated prices paid for various goods and services in the two economies. For GNP as a whole and for each end-use component of GNP, these average ratios (ruble-dollar ratios) were estimated by weighting individual price ratios by both US and Soviet expenditure weights. The geometric mean of the US-weighted and Soviet-weighted ratios was then used for the conversion of Soviet values into dollars. The above GNP data should not, therefore, be used in conjunction with Soviet foreign trade data appearing in Tables 60-62. 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 quantity 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 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 end uses of GNP are defined as follows:

(1) Consumption comprises 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.

(3) Defense outlays include expenditures on military equipment, construction, personnel (excluding transfer payments in the form of pensions), maintenance, RDT&E, and defense-related atomic energy programs. Outlays on space programs comparable to those funded by NASA have been added.

(4) Other government expenditures for the USSR include expenditures on defense, research and development, civil space, inventory change, administration, net exports, and a statistical discrepancy. Administration includes expenditures on civilian internal security, general agricultural programs, public organizations, government administration, and social welfare. Other government expenditures for the United States include defense, administration, net exports and military assistance, outlays for space R&D, change in inventories and stockpile, and a statistical discrepancy. Administration is the residual left after all current expenditures for national defense, health, education, and all capital expenditures are subtracted from government purchases of goods and services.

² The sum of the end-use components of Soviet GNP, valued in dollars, does not equal the dollar value of aggregate GNP, because of the use of average ruble-dollar ratios in converting from ruble values to dollar values. Nevertheless, the individual end-use components were not adjusted to agree with the total, since the US-USSR comparisons shown are believed to give the best available description of relative size.

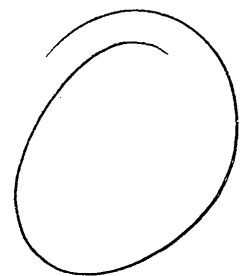


Table 10
Real Gross National Product Growth

Percent

	Average Annual Rate of Growth		1973	1974	1975	1976	1977	1978
	1961-65	1966-70						
OECD								
United States	4.7	3.0	5.5	-1.4	-1.3	5.7	4.9	4.0
Australia	5.0	5.9	6.1	2.4	1.9	3.8	2.1	2.5
Canada	5.8	4.6	7.5	3.5	1.2	5.8	2.7	3.5
Japan	10.0	12.0	9.8	-1.0	2.4	6.0	5.2	5.8
Spain	8.7	6.4	8.4	5.3	0.7	2.1	2.5	3.0
Sweden	5.0	4.0	3.5	4.0	0.9	1.5	-2.4	2.3
Switzerland	5.3	3.7	3.0	1.4	-6.8	-1.4	2.7	1.0
European Community	4.8	4.7	5.6	1.7	-1.8	5.0	2.3	2.9
Belgium	5.1	4.7	6.5	4.7	-2.0	5.7	1.2	2.3
France	5.8	5.8	5.4	2.6	-0.1	5.6	3.0	3.0
Italy	5.3	6.0	6.9	3.9	-3.4	5.6	1.7	2.0
Netherlands	5.0	5.2	5.9	4.2	-1.2	4.6	2.3	2.0
United Kingdom	3.3	2.3	6.6	-0.6	-1.6	2.6	1.6	3.0
West Germany ¹	5.1	4.7	4.9	0.5	-2.5	5.6	2.6	3.4
Communist Countries								
USSR and Eastern Europe								
USSR ²	4.9	5.3	7.2	3.8	1.8	4.3	3.4	3.2
Eastern Europe	3.8	3.7	4.6	4.7	4.1	4.2	3.4	3.1
Bulgaria	6.3	4.8	4.1	3.3	7.9	4.1	-0.2	4.4
Czechoslovakia	2.0	3.5	3.3	3.6	2.9	2.1	4.3	2.5
East Germany	2.9	3.2	3.1	4.8	3.8	2.2	4.0	3.3
Hungary	4.2	3.1	5.0	2.4	2.7	-0.1	5.0	2.6
Poland	4.1	3.8	7.5	5.9	4.6	4.1	2.8	2.7
Romania	5.0	4.6	3.3	5.6	4.4	11.7	3.2	4.2
Far East								
China	4.1	7.2	12.9	3.7	7.0	Negl.	8.1	11.7
North Korea	9.8	5.7	N.A.	N.A.	7.5	-3.0	Negl.	7.2
Other								
Yugoslavia	6.1	5.2	4.8	8.1	3.8	4.0	7.7	6.8

79

4.0
1.0
2.0
0
-1.5
4.0

¹ Including data for West Berlin.² At factor cost.

Table 11

Index: 1970=100

Gross National Product Price Deflators

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States	75.2	81.3	100.0	115.8	127.0	139.2	146.4	155.0	166.5
Canada	74.4	81.6	100.0	118.2	136.3	150.9	165.5	177.0	188.9
Japan	62.4	79.4	100.0	122.2	146.0	158.6	167.4	176.9	185.4
European Community ¹									
France	65.7	81.0	100.0	121.3	135.3	154.0	169.1	182.8	200.6
Italy	64.0	84.2	100.0	126.7	148.0	174.1	202.0	248.3	281.3
United Kingdom	66.1	78.6	100.0	127.0	144.1	184.2	211.6	239.7	256.0
West Germany	71.1	84.7	100.0	120.6	128.9	137.6	142.0	147.4	153.2

¹ Gross domestic product deflators.

Table 12

Percent

Real Gross National Product Per Capita Growth

Total average rates

1971-73 or 1971-75

	Average Annual Rate of Growth							
	1961-65	1966-70	1973	1974	1975	1976	1977	1978
OECD								
United States	3.2	1.9	4.7	-2.1	-2.1	4.9	4.1	3.2
Australia	2.9	4.0	4.5	0.9	0.4	3.1	0.7	1.7
Canada	3.8	3.0	6.1	2.1	-0.1	4.4	1.3	2.6
Japan	8.9	10.9	8.3	-2.3	1.1	4.9	4.2	4.9
Sweden	4.5	3.2	3.4	2.7	1.0	1.5	-3.6	2.2
Switzerland	3.1	3.0	3.0	1.4	-6.8	-2.9	2.7	4.2
European Community	3.9	4.1	4.9	1.2	-2.0	4.9	2.1	2.7
Belgium	4.5	4.2	6.5	3.6	-2.0	5.7	1.2	2.3
France	4.5	4.9	4.4	2.0	-0.5	5.2	2.6	2.6
Italy	4.6	5.3	5.7	3.0	-4.1	4.8	1.4	1.4
Netherlands	3.6	4.1	5.1	3.4	-2.7	3.8	1.6	2.0
United Kingdom	2.6	1.9	6.4	-0.8	-1.4	2.6	1.8	3.0
West Germany	4.0	3.9	4.4	0.5	-2.2	6.1	2.8	3.6
Communist Countries								
USSR and Eastern Europe								
USSR	3.3	4.3	6.3	2.8	0.9	3.4	2.6	2.3
Eastern Europe	3.2	3.1	4.0	4.0	3.5	3.5	2.7	2.5
Bulgaria	5.5	4.1	3.5	2.5	7.4	3.7	-0.7	3.9
Czechoslovakia	1.3	3.2	2.6	2.7	2.1	1.3	3.6	1.8
East Germany	3.1	3.2	3.5	5.2	4.2	2.6	4.1	3.4
Hungary	3.9	2.7	4.9	2.1	1.6	-0.6	4.5	2.2
Poland	2.8	3.0	6.4	4.9	3.8	3.1	1.7	1.8
Romania	4.4	3.2	2.4	4.6	3.4	10.6	2.2	3.2
Far East								
China	2.0	4.8	10.5	1.6	4.9	2.1	6.1	7.9
North Korea	6.8	2.5	8.5	7.8	4.1	-6.0	-3.3	4.8
Other								
Yugoslavia	4.9	4.2	3.9	7.1	2.8	3.0	6.7	5.8

4.9. 2.2

6.6

Table 13

Percent

Gross Investment as a Share of Gross National Product

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	15.1	16.3	14.3	16.8	15.2	12.5	14.3	15.8	16.4
Australia	23.8	25.2	26.4	24.9	23.6	23.7	23.9	23.3	N.A.
Canada	21.4	26.2	20.9	22.5	23.2	24.2	23.4	23.0	22.6
Japan	30.1	30.6	35.0	36.6	33.8	32.7	31.7	31.2	32.8
European Community	20.7	22.3	22.8	22.8	22.5	21.4	21.0	20.7	N.A.
Belgium	18.9	24.1	22.3	20.8	22.2	21.9	21.2	20.8	N.A.
France	20.2	23.3	23.4	23.8	24.3	23.2	23.3	22.6	21.1
Italy	22.3	19.0	21.3	20.8	22.6	20.6	20.3	19.7	18.8
Netherlands	24.0	25.1	25.7	23.0	21.8	21.0	19.7	21.8	N.A.
United Kingdom	16.4	18.3	18.5	19.5	20.6	19.9	19.3	18.3	18.2
West Germany	24.3	26.1	25.6	24.5	21.9	20.8	20.7	20.9	21.6
Communist Countries									
USSR	21.2	24.1	25.4	26.6	27.5	28.4	29.6	30.2	30.7

Source: OECD

what prices are used. constant current level concepts
 ? inventories
 ? gov't investment
 ? capital repairs

Source



Table 14

Percent

Selected Economic Indicators *Growth*

	Average Annual Rate of Growth 1961-70	1970	1973	1974	1975	1976	1977	1978
Industrial production								
United States	5.1	-3.0	8.5	-0.4	-8.8	10.2	5.6	5.9
Canada	6.0	1.6	8.0	4.0	-4.7	5.0	3.9	5.5
Japan	13.6	13.8	15.5	-3.9	-9.8	11.0	4.5	6.0
France	5.8	-1.2	8.4	2.5	-9.1	9.0	0.7	2.0
Italy	7.0	6.5	10.6	3.5	-9.2	12.0	0	1.7
United Kingdom	2.8	0.2	8.8	-1.9	-5.5	3.0	3.9	3.7
West Germany	5.8	6.5	6.6	-1.8	-6.2	7.0	2.8	2.7
Consumer prices								
United States	2.8	5.9	6.3	10.9	9.2	5.8	6.5	7.6
Canada	2.6	3.3	7.5	10.9	10.8	7.5	8.0	9.0
Japan	5.8	7.6	11.7	24.4	11.9	9.3	8.1	3.8
France	4.1	5.8	7.4	13.7	11.7	9.6	9.8	8.7
Italy	3.9	4.8	10.8	19.1	17.0	16.8	18.4	12.2
United Kingdom	4.1	6.3	9.1	16.0	24.2	16.5	15.9	8.3
West Germany	2.6	2.3	6.9	7.0	5.9	4.5	3.9	2.6
Export prices (unit values, US dollar basis)								
United States	2.0	5.7	16.8	27.0	11.8	3.6	4.8	9.6
Canada	1.4	5.7	13.0	35.5	6.5	5.8	-1.5	1.2
Japan	-0.4	4.9	20.0	27.4	0	-1.3	10.2	22.7
France	1.3	3.0	24.7	16.8	18.3	-2.1	6.9	14.4
Italy	0.5	3.8	16.8	27.3	12.8	-5.6	13.0	11.2
United Kingdom	N.A.	7.5	10.3	23.2	16.1	-1.9	14.1	17.7
West Germany	2.6	10.6	23.6	18.5	13.0	-0.4	10.8	24.9
Import prices (unit values, US dollar basis)								
United States	1.5	7.1	17.8	50.4	8.0	3.2	8.5	8.3
Canada	1.4	4.9	6.7	26.1	11.5	3.6	2.0	6.0
Japan	0.6	5.7	25.2	71.1	5.4	2.9	7.3	4.9
France	0.6	4.7	21.7	36.0	10.2	-0.9	8.7	9.9
Italy	1.1	3.3	28.2	55.4	5.8	-1.9	10.3	8.6
United Kingdom	N.A.	4.6	25.2	47.9	7.4	-0.9	12.1	10.2
West Germany	1.5	7.8	27.0	29.2	5.3	1.0	24.1	11.8

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Productivity in manufacturing (output per hour)								
United States	2.9	-0.5	2.7	-5.2	5.0	4.2	2.4	2.5
Canada	4.3	1.5	4.5	1.7	-2.4	4.6	4.8	8.3
Japan	10.8	12.7	11.6	0.3	-3.9	8.1	5.6	4.2
France	5.8	5.0	5.5	2.8	2.6	9.1	5.2	4.9
Italy	6.5	8.5	12.1	5.3	-4.3	8.3	0.9	2.9
United Kingdom	3.5	0.2	4.1	1.1	-2.7	3.4	-1.6	1.6
West Germany	5.7	2.0	6.1	6.1	3.7	8.2	4.2	3.7
Unit labor costs in manufacturing (in national currency)								
United States	1.8	7.2	4.3	16.2	6.5	3.9	6.3	6.9
Canada	1.2	6.0	5.1	13.8	17.3	9.0	5.6	-4.3
Japan	3.2	5.6	9.2	30.8	22.2	Negl.	3.4	26.2
France	2.9	4.4	8.5	16.2	15.2	4.8	9.1	17.6
Italy	4.6	14.3	12.9	18.4	34.6	10.5	16.8	15.1
United Kingdom	3.8	14.0	7.2	26.3	31.2	14.2	11.8	26.5
West Germany	3.5	13.4	7.1	8.8	8.6	-2.0	4.8	19.7

¹ Growth rates were derived from unrounded data.

Table 15

Percent Change

**Economic Indicators for Selected Non-OPEC
Less Developed Countries**

	1973	1974	1975	1976	1977	1978
Industrial Production						
India	1.4	2.2	4.0	11.1	4.7	6.1
Mexico	9.7	8.1	4.8	2.7	3.6	10.1
Nigeria	15.8	5.8	-6.0	19.2	4.8	N.A.
South Korea	33.5	27.5	18.9	29.7	19.9	22.9
Taiwan	20.5	-1.4	5.4	24.8	12.1	25.2
Consumer Price Inflation						
Brazil	12.6	27.6	29.0	41.8	43.7	38.7
India	16.9	28.6	5.7	-7.6	8.3	2.5
Mexico	12.1	23.8	15.0	15.8	29.0	16.9
Nigeria	-12.1	12.7	33.9	21.2	21.5	N.A.
South Korea	3.2	23.7	25.2	15.3	10.1	14.5
Taiwan	13.1	43.6	6.7	2.5	6.2	5.1
Wholesale Price Inflation						
Brazil	15.3	29.0	27.8	40.4	40.6	38.9
India	18.0	29.1	3.5	-2.0	7.5	-0.3
Mexico	15.7	22.9	10.2	22.3	41.2	15.8
South Korea	6.9	42.1	26.1	12.1	9.1	11.7
Taiwan	22.9	34.0	-5.1	2.8	4.0	2.8
Money Supply						
Brazil	41.8	37.1	33.6	37.7	38.4	25.1
India	16.5	14.3	8.0	13.3	16.8	6.1
Mexico	25.0	20.7	22.3	22.9	27.7	33.9
Nigeria	17.7	40.5	85.7	50.7	48.9	N.A.
South Korea	51.4	26.3	26.1	30.8	39.0	28.2
Taiwan	41.2	19.1	21.2	18.5	24.7	N.A.

Table 16

Million US \$

Current Account Balance ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ²
OECD	N.A.	N.A.	12,000	19,600	-15,100	14,000	-4,900	-9,100	26,500
United States	4,817	7,706	4,703	9,740	8,134	22,417	8,732	-11,121	-11,406
Canada	-1,219	-916	1,057	104	-1,510	-4,571	-3,799	-3,834	-4,244
Japan	223	1,025	2,146	74	-4,490	-418	3,895	11,107	17,866
European Community	2,870	2,420	5,660	7,480	-5,010	8,440	448	11,600	27,900
Belgium ³	160	212	1,016	1,528	1,303	1,214	36	83	200
Denmark	-62	-175	-510	-707	-1,167	-600	-2,177	-2,077	-1,916
France	719 ⁴	581 ⁴	289	48	4,720	1,231	-4,868	-1,884	5,436
Ireland	-9	-124	-188	-302	-821	-247	-420	-360	-910
Italy	371	2,353	1,424	-900	-6,838	710	-1,591	4,000	9,152
Netherlands	372	46	-414	2,292	2,269	2,353	2,786	714	-920
United Kingdom	-460	357	2,180	-1,540	-7,644	-3,359	-599	2,530	3,732
West Germany	1,779	-825	1,858	7,064	12,609	7,142	7,281	8,567	13,091
Non-OPEC Less Developed Countries	N.A.	N.A.	-8,610	-8,880	-28,000	-35,000	-25,000	-22,000	-28,000
Brazil	-534	248	-845	-2,162	-7,557	-6,990	-6,557	-4,854	-6,989
Mexico	-326	-403	-1,075	-1,423	-2,897	-4,068	-3,435	-1,795	-2,462
South Korea	243	-125	-706	-342	-2,094	-1,954	-462	-43	-1,132
Taiwan	-125	-80	7	571	-1,112	-588	324	983	1,746
OPEC ⁵	N.A.	N.A.	637	7,030	66,100	30,900	36,300	27,500	8,300
Iran	-125	-104	-511	156	13,000	4,300	7,200	6,200	3,000
Saudi Arabia	190	89	152	2,702	23,300	15,400	15,200	14,000	4,600
Venezuela	394	36	-50	905	6,100	3,200	1,800	-1,000	-2,200

¹ Including goods, services, and private transfers.² Preliminary.³ Including Luxembourg.⁴ Excluding overseas departments and territories.⁵ Data prior to 1975 are from the International Financial Statistics.

Table 17

Million US \$

International Reserves ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	19,359	15,450	14,487	14,378	16,057	15,882	18,320	19,393	19,584
Australia	743	1,317	1,693	5,698	4,269	3,256	3,169	2,384	2,418
Austria	714	1,305	1,751	2,874	3,429	4,439	4,410	4,244	6,007
Canada	1,998	3,037	4,679	5,769	5,825	5,325	5,843	4,607	4,569
Japan	1,949	2,152	4,840	12,246	13,519	12,815	16,605	23,260	33,500
Portugal	635	938	1,504	2,839	2,354	1,534	1,302	1,391	1,845
Spain	541	1,422	1,817	6,772	6,485	6,090	5,284	6,599	10,774
Switzerland	2,324	3,444	5,132	8,520	9,011	10,428	12,993	13,829	21,561
European Community									
Belgium	1,507	2,334	2,847	5,100	5,346	5,797	5,206	5,761	5,908
France	2,272	6,343	4,960	8,252	8,852	12,593	9,728	10,194	13,929
Italy	3,251	4,800	5,352	6,436	6,941	4,774	6,654	11,628	14,826
Netherlands	1,861	2,413	3,241	6,546	6,957	7,109	7,387	8,064	7,585
United Kingdom	3,719	3,004	2,827	6,476	6,938	5,459	4,230	21,057	17,067
West Germany	7,033	7,430	13,610	33,171	32,398	31,034	34,801	39,737	53,883
Latin America									
Brazil	345	484	1,187	6,415	5,272	4,034	6,541	7,255	11,898
Venezuela	609	819	1,021	2,411	6,514	8,861	8,578	8,214	6,517
Middle East									
Iran	183	251	208	1,237	8,383	8,897	8,833	12,266	12,152
Iraq	258	234	462	1,553	3,273	2,728	4,601	6,996	N.A.
Saudi Arabia	185	726	662	3,877	14,284	23,320	27,025	30,034	19,406
Africa									
Libya	82	246	1,590	2,127	3,616	2,195	3,205	4,890	4,216
Nigeria	343	239	222	583	5,626	5,609	5,203	4,259	1,916
Communist Countries									
USSR	2,800	1,500	2,800	8,000	12,200	11,100	11,800	12,400	15,400
Yugoslavia	13	103	140	1,338	1,147	871	2,049	2,108	2,462

¹ Including gold and foreign exchange. Data for the non-Communist countries also include special drawing rights and the reserve position in the International Monetary Fund. Data before 1972 are

expressed in terms of US dollars at the official par values and, in 1972-78, reflect the realignments of the exchange rates and the revaluations of the dollar price of gold.

Table 18

Index of Industrial Production for Communist Countries

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ¹
USSR and Eastern Europe ²									
USSR									
Official	44	67	100	124	133	143	150	159	167
Adjusted	54	74	100	119	126	133	138	144	149
Eastern Europe ³									
Adjusted	58	76	100	116	123	131	138	145	149
Bulgaria									
Official	34	60	100	130	140	154	166	175	187
Adjusted	34	66	100	116	124	132	138	144	151
Czechoslovakia									
Official	55	72	100	122	129	138	146	154	162
Adjusted	64	81	100	111	115	121	126	130	134
East Germany									
Official	55	73	100	120	128	137	145	153	161
Adjusted	65	83	100	107	113	118	123	126	131
Hungary									
Official	52	74	100	120	130	136	142	152	160
Adjusted	56	84	100	107	110	114	118	121	125
Poland									
Official	45	67	100	133	148	164	179	192	200
Adjusted	51	74	100	124	133	144	151	158	163
Romania									
Official	30	51	100	143	164	184	205	231	252
Adjusted	35	58	100	130	145	155	169	183	194
Far East									
North Korea ⁴									
Official	30	59	100	160	188	225	248	276	323

¹ Preliminary.

² 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. If, as the evidence suggests, intermediate product (for example rolled metal) increases relative to final product (for example machine tools) inflation of output from increased double-counting takes place. In addition to inflation 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 several final products form output indexes for various industrial components and these component indexes are combined into an aggregate index for industry by use of value-added weights.

³ An official index is not published.⁴ An adjusted index is not available.

*Now to
see if
this*

1970=100

Table 19

Index of Industrial Production for Selected Countries ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ²
OECD									
United States	61	83	100	120	120	109	120	127	135
Canada	56	78	100	122	127	121	127	132	139
Japan	28	49	100	127	122	110	122	128	135
European Community						100	111	116.4	125.7
France	57	73	100	120	123	113	122	123	125
Italy	51	71	100	115	119	108	121	121	123
United Kingdom	76	88	100	111	109	103	106	110	114
West Germany	57	75	100	113	111	105	112	116	119
Communist Countries									
USSR and Eastern Europe									
USSR ³	54	74	100	119	126	133	138	144	149
Eastern Europe	58	76	100	116	123	131	138	145	149
Bulgaria	34	66	100	116	124	132	138	144	151
Czechoslovakia	64	81	100	111	115	121	126	130	134
East Germany	65	83	100	107	113	118	123	126	131
Hungary	56	84	100	107	110	114	118	121	125
Poland	51	74	100	124	133	144	151	158	163
Romania	35	58	100	130	145	155	169	183	194
Far East									
China ⁴	57	63	100	138	144	159	159	181	206
Other									
Yugoslavia	46	77	100	126	140	148	153	168	183

¹ 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 18 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.

² Preliminary.

³ 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 nondurable consumer goods—constitute 48.21 percent, 32.88 percent, and 18.91 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.

⁴ CIA estimates 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.

Table 20

1970=100 Seasonally Adjusted

Big Seven: Index of Industrial Production, by Month

use to change: not useful

	United States	Big Six Foreign Countries ¹	Japan	West Germany	France	United Kingdom	Italy	Canada
1974 Jan	120.5	122.0	129.6	113.0	125.0	103.8	130.1	130.3
Feb	120.2	121.6	129.8	113.0	125.0	107.0	120.0	130.7
Mar	120.6	120.6	127.6	112.0	123.0	109.3	120.2	130.9
Apr	120.5	121.1	126.3	113.0	125.0	110.3	124.0	129.3
May	121.8	122.3	128.6	114.0	127.0	110.8	121.3	130.5
Jun	122.4	120.3	124.7	112.0	125.0	111.8	120.6	129.3
Jul	122.3	121.9	125.6	115.0	128.0	111.5	121.8	128.8
Aug	122.2	119.2	120.8	110.0	128.0	112.1	120.5	128.0
Sep	122.3	117.5	120.6	110.0	122.0	109.1	119.3	127.3
Oct	120.1	116.2	118.4	109.0	122.0	107.5	116.6	127.2
Nov	115.9	113.7	115.3	108.0	118.0	107.8	110.1	125.2
Dec	110.7	110.8	111.6	104.0	115.0	105.9	110.3	124.1
1975 Jan	106.9	109.3	107.4	104.0	114.0	107.7	101.0	120.5
Feb	104.5	109.0	105.9	104.0	114.0	107.3	111.7	121.4
Mar	103.6	107.8	106.3	105.0	112.0	104.8	102.5	120.3
Apr	104.5	109.1	109.4	104.0	112.0	102.7	112.1	121.1
May	105.5	106.7	108.8	103.0	109.0	100.7	99.7	119.5
Jun	108.0	108.9	111.1	103.0	112.0	100.8	109.3	120.8
Jul	109.8	109.4	112.4	103.0	111.0	101.1	110.6	122.5
Aug	112.2	108.1	111.2	105.0	111.0	99.4	97.3	121.9
Sep	113.3	110.1	113.0	105.0	112.0	100.8	110.1	121.8
Oct	113.4	111.1	113.0	107.0	114.0	101.4	113.0	120.5
Nov	114.6	110.9	111.8	108.0	113.0	101.7	109.1	123.6
Dec	115.4	112.9	114.0	109.0	118.0	100.5	113.2	124.4
1976 Jan	116.6	114.2	116.5	110.0	120.0	101.5	111.6	124.1
Feb	118.1	115.8	119.0	112.0	119.0	102.1	116.7	125.6
Mar	118.8	117.3	122.7	111.0	121.0	101.8	118.8	127.5
Apr	119.1	119.4	126.8	112.0	122.0	103.3	121.6	128.0
May	120.2	119.2	124.4	113.0	122.0	106.4	118.4	130.1
Jun	120.7	118.9	125.9	113.0	123.0	101.1	116.8	127.8
Jul	121.2	121.0	128.7	113.0	125.0	104.1	124.3	126.9
Aug	121.8	120.2	126.6	114.0	125.0	103.2	118.6	128.8
Sep	121.3	121.9	126.0	115.0	130.0	104.4	126.3	128.4
Oct	121.0	120.5	126.3	115.0	124.0	104.9	122.7	127.1

Table 20 (continued)

1970=100 Seasonally Adjusted

Big Seven: Index of Industrial Production, by Month

	United States	Big Six Foreign Countries ¹	Japan	West Germany	France	United Kingdom	Italy	Canada
1976 (continued)								
Nov	122.2	122.9	129.4	115.0	128.0	105.1	128.8	129.3
Dec	123.5	123.5	129.4	115.0	126.0	104.6	139.9	129.6
1977								
Jan	122.7	123.8	129.6	117.0	129.0	105.6	127.1	131.7
Feb	123.6	122.5	127.9	115.0	127.0	105.3	128.1	131.5
Mar	125.5	124.4	129.7	118.0	129.0	105.5	130.8	132.3
Apr	126.3	121.8	129.1	115.0	125.0	103.5	122.8	131.3
May	127.1	121.5	127.9	115.0	123.0	104.8	126.2	131.6
Jun	127.8	122.7	129.6	116.0	128.0	100.8	124.0	133.2
Jul	128.7	120.7	126.5	115.0	125.0	104.6	116.6	132.5
Aug	128.1	122.3	130.1	116.0	125.0	103.8	120.5	133.0
Sep	128.5	122.7	129.5	117.0	126.0	103.7	121.6	133.4
Oct	128.8	121.1	127.9	116.0	123.0	103.1	117.2	134.4
Nov	129.2	122.9	130.5	116.0	126.0	102.7	123.4	134.7
Dec	129.6	123.3	131.7	119.0	122.0	104.4	121.3	135.3
1978								
Jan	128.8	124.7	132.8	120.0	126.0	103.5	125.4	134.4
Feb	129.1	123.4	133.2	116.0	125.0	102.1	121.4	137.1
Mar	130.7	124.8	136.0	115.0	128.0	102.5	122.5	138.0
Apr	132.8	125.8	136.1	116.0	131.0	105.5	120.6	138.4
May	133.5	125.0	136.5	115.0	127.0	103.7	125.0	137.2
Jun	134.4	126.2	136.6	118.0	125.0	105.4	130.1	139.0
Jul	135.5	126.2	136.1	120.0	127.0	104.9	121.6	139.7
Aug	136.5	126.6	137.5	119.0	127.0	105.7	124.1	138.8
Sep	137.1	128.1	138.7	121.0	129.0	104.1	124.5	143.8
Oct	137.9	128.1	138.4	121.0	129.0	101.7	129.5	143.3
Nov	138.8	129.4	140.0	121.0	130.0	102.4	135.1	144.1
Dec	140.0	129.7	142.0	121.0	131.0	103.5	126.9	146.2

¹ Weighted average.

Table 21

1970=100

Agricultural Production Index

	1965	1970	1973	1974	1975	1976	1977	1978
Developed Countries	92	100	110	111	113	114	117	121
United States ¹	97	100	111	105	113	116	120	121
Canada	107	100	109	102	113	123	126	129
European Community								
France	95	100	111	113	108	107	108	115
Italy	89	100	102	106	107	105	106	111
United Kingdom	92	100	106	113	107	104	111	108
West Germany	85	100	100	104	101	100	104	108
Oceania	85	100	109	104	113	119	115	128
Less Developed Countries	85	100	106	110	114	116	120	123
Africa	88	100	100	106	106	110	108	112
Far East	81	100	107	105	114	113	120	123
Latin America	88	100	105	112	114	117	123	127
Middle East	85	100	105	114	119	125	124	127
Communist Countries								
USSR and Eastern Europe								
USSR ²	83	100	108	107	99	106	111	114
Eastern Europe ³	90	100	118	121	121	123	127	131
Bulgaria	90	100	106	105	108	114	106	112
Czechoslovakia	82	100	106	113	116	114	123	125
East Germany	91	100	110	116	119	118	122	124
Hungary	88	100	127	132	129	127	148	151
Poland	92	100	118	122	118	115	117	121
Romania	93	100	134	130	137	157	156	160
Far East								
China ⁴	80	100	112	115	117	117	114	123
North Korea ⁵	90	100	107	140	154	160	170	170
Other								
Yugoslavia	86	100	115	124	116	127	134	132

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¹ Excluding production of seeds and of feed for horses and mules.² Data differs from earlier versions because (a) the methodology used to estimate the annual waste and losses in handling the grain crop has been revised; (b) the techniques used to estimate quantities of grain, vegetables, and potatoes fed to livestock have been improved; and (c) the base year prices for grain and vegetables fed to livestock have been modified. 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. The weights used to aggregate

estimated agricultural output are the average prices realized by all producers for products sold in 1970.

³ 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. FAO, East European, and Soviet wheat price relatives for 1961-65 were used to compute the indexes.⁴ Based on estimates of grain and cotton production.⁵ Based on official grain claims.

Table 22 Percent**Defense Expenditures as a Share of Gross National Product**

	1965	1970	1971	1972	1973	1974	1975	1976	1977
OECD¹									
Australia	4.4	3.7	3.5	3.4	3.0	2.7	3.2	3.2	2.6
Austria	1.2	1.1	1.0	1.0	1.0	1.0	1.2	1.1	1.1
Belgium	3.1	2.9	2.8	2.8	2.7	2.7	3.0	3.1	3.2
Canada	3.0	2.4	2.3	2.2	2.0	2.0	2.0	2.0	2.0
Denmark	2.8	2.4	2.5	2.4	2.1	2.4	2.6	2.5	2.5
Finland	1.7	1.5	1.6	1.6	1.6	1.5	1.7	1.6	1.7
France	5.2	4.2	4.0	3.9	3.8	3.7	3.9	3.8	3.9
Greece	3.5	4.7	4.6	4.4	4.0	4.1	6.3	5.1	4.6
Ireland	1.4	1.1	1.2	1.2	1.3	1.4	1.4	1.7	1.6
Italy	3.3	2.7	2.9	3.1	3.0	2.9	2.8	2.7	2.7
Japan	1.0	0.8	0.9	0.9	0.9	0.9	1.0	0.9	0.9
Luxembourg	1.4	0.8	0.8	0.9	0.8	0.9	1.1	1.1	1.1
Netherlands	4.0	3.4	3.4	3.3	3.2	3.3	3.5	3.3	3.6
New Zealand	2.1	2.0	1.9	1.7	1.6	1.8	1.7	1.8	1.8
Norway	3.8	3.5	3.4	3.3	3.2	3.1	3.3	3.2	3.1
Portugal	6.0	6.5	6.8	6.3	5.4	6.8	5.0	3.9	3.3
Spain	2.7	3.1	3.0	3.0	2.7	2.8	3.0	2.9	2.7
Sweden	3.9	3.5	3.5	3.5	3.4	3.3	3.2	3.2	3.3
Switzerland	2.6	2.1	2.1	2.0	1.9	1.9	1.9	2.0	2.1
Turkey	5.0	4.3	4.4	4.2	4.0	3.8	4.5	5.6	5.7
United Kingdom	5.9	4.8	5.0	5.2	4.9	5.1	5.0	5.2	4.8
United States ²	7.8	8.0	6.9	6.2	5.7	5.4	5.4	5.2	5.0
West Germany ³	4.3	3.3	3.3	3.4	3.4	3.6	3.6	3.4	3.4
Less Developed Countries	N.A.	6.3	6.4	5.9	5.8	5.8	6.1	6.3	5.9
OPEC									
Iran	N.A.	7.8	8.3	8.9	8.4	11.8	14.5	12.2	10.5
Nigeria	N.A.	5.9	4.2	5.2	5.0	3.8	4.6	5.3	4.2
Saudi Arabia	N.A.	6.3	6.4	6.4	7.2	5.1	5.8	19.4	15.7

¹ Except for the United States, data are from the United States Arms Control and Disarmament Agency, 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.

² Based on the ratio of military expenditures to GNP in constant 1976 prices.

³ Including data for West Berlin.

Table 23**Metal Prices**

	1960	1965	1970	1973	1974	1975	1976	1977	1978
Aluminum ¹									
US cents per pound	27.23	24.50	28.72	25.33	34.06	39.79	44.34	51.34	53.90
Copper ²									
US cents per pound	30.74	58.51	64.17	80.81	93.07	55.85	63.62	59.33	61.90
Lead ³									
US cents per pound	9.02	14.39	13.78	19.47	26.81	18.66	20.38	27.90	29.90
Nickel ⁴									
US cents per pound	74.00	78.70	129.00	153.00	173.50	205.83	225.58	230.08	204.58
Tin ⁵									
US cents per pound	99.60	179.40	166.70	218.40	371.30	310.20	345.87	489.20	581.10
Zinc ³									
US cents per pound	11.09	14.11	13.40	38.47	56.01	33.68	32.15	26.70	26.90
Silver ⁶									
US \$ per troy ounce	0.91	1.29	1.77	2.56	4.71	4.42	4.35	4.62	5.40
Gold ³									
US \$ per troy ounce	35.28	35.13	35.98	100.01	161.58	160.47	124.03	148.79	197.14
Iron Ore ⁷									
US \$ per metric ton	17	16	15	17	19	23	22	22	20
Manganese ⁸									
US \$ per metric ton	87	75	54	75	112	138	145	148	142
Finished steel composite ⁹									
US cents per pound	6.20	6.37	7.65	9.38	11.14	13.10	14.21	15.58	17.96

¹ Virgin unalloyed ingot at New York.² London Metal Exchange electrolytic wirebars.³ London Metal Exchange refined pig lead, minimum 99.97 percent.⁴ US major producer of cathodes, spot, f.o.b. refinery.⁵ London Metal Exchange.⁶ US price (New York).⁷ Brazil (North Sea ports).⁸ India (US ports).⁹ Weighted index of steel shapes.

Table 24

US \$ per Metric Ton

Agricultural Prices

	1960	1965	1970	1973	1974	1975	1976	1977	1978
Coffee ¹	807	965	1,230	1,526	1,617	1,821	3,295	5,890	3,643
Corn ²	50	56	58	98	132	119	112	95	101
Cotton ³	692	670	653	1,237	1,276	994	1,499	1,358	1,270
Palm oil ⁴	228	273	260	378	669	429	407	580	600
Rice ⁵	179	183	190	397	556	419	309	333	399
Soybeans ⁶	92	117	117	291	277	220	231	279	268
Soybean meal ⁷	78	94	103	302	184	155	198	229	214
Soybean oil ⁸	224	270	291	436	832	563	414	574	607
Sugar ⁹	69	47	83	212	661	452	255	177	172
Tea ¹⁰	1,422	1,280	1,092	1,060	1,397	1,375	1,540	2,641	2,187
Wheat ¹¹	58	60	55	140	180	149	133	103	128
Beef ¹²	N.A.	882	1,304	2,011	1,582	1,327	1,588	1,508	2,140
Rubber, natural ¹³	842	567	465	776	877	659	873	917	1,102

¹ From Santos, No. 4, New York spot.² US No. 2 yellow, f.o.b. Gulf ports.³ US, domestic middling 1 inch, 12 markets.⁴ United Kingdom 5 percent bulk, c.i.f.⁵ US No. 2, milled, f.o.b., New Orleans.⁶ US No. 2, bulk, c.i.f., Rotterdam.⁷ US, 44 percent extraction, c.i.f., Rotterdam.⁸ All origins, f.o.b., Netherlands.⁹ Caribbean, raw, f.a.s., No. 11 bulk, New York spot.¹⁰ London, average price all teas.¹¹ US No. 1, hard winter, ordinary protein, f.o.b. Gulf ports.¹² Boneless Australian, f.o.b., New York.¹³ Smoked sheets, New York.

Table 25

US \$ per Barrel

OPEC Countries: Crude Oil Prices

	1st Qtr 1978		2d Qtr 1978		3d Qtr 1978		4th Qtr 1978		1st Qtr 1979	
	Operating Company Cost ¹	Direct Sales Price ²	Operating Company Cost	Direct Sales Price	Operating Company Cost	Direct Sales Price	Operating Company Cost	Direct Sales Price	Operating Company Cost	Direct Sales Price
OPEC average ¹	12.67	12.96	12.65	12.94	12.64	12.92	12.64	12.91	NA	13.79
Saudi Arabia										
Light 34° API 1.70% sulfur	12.50	12.70	12.50	12.70	12.50	12.70	12.50	12.70	13.14	13.34
Berri 39° API 1.16% sulfur	13.02	13.22	13.02	13.22	13.02	13.22	13.02	13.22	13.86	14.06
Heavy 27° API 2.85% sulfur	11.82	12.02	11.82	12.02	11.82	12.02	11.82	12.02	12.31	12.51
Medium 31° API 2.40% sulfur	12.12	12.32	12.12	12.32	12.12	12.32	12.12	12.32	12.69	12.89
Iran										
Light 34° API 1.35% sulfur	12.59	12.81	12.59	12.81	12.59	12.81	12.59	12.81	13.45	13.45
Heavy 31° API 1.60% sulfur	12.27	12.49	12.27	12.49	12.27	12.49	12.27	12.49	13.06	13.06
Iraq 35° API 1.95% sulfur										
	12.60	12.60	12.60	12.60	12.60	12.60	12.66	12.66	13.70	13.70
Nigeria 34° API 0.16% sulfur ⁴										
	13.86	14.22	13.65	14.03	13.63	14.01	13.63	14.01	14.37	14.73
UAE 39° API 0.75% sulfur										
	12.73	13.26	12.73	13.26	12.73	13.26	12.73	13.26	14.02	14.61
Kuwait 31° API 2.50% sulfur ⁵										
	12.12	12.27	12.12	12.27	12.12	12.27	12.07	12.22	13.21	13.36
Libya 40° API 0.22% sulfur										
	13.75	14.00	13.64	13.85	13.62	13.85	13.62	13.85	14.96	15.21
Venezuela 26° API 1.52% sulfur										
	12.62	12.82	12.52	12.72	12.52	12.72	12.52	12.72	13.16	13.36
Indonesia 35° API 0.09% sulfur										
	12.25	13.55	12.25	13.55	12.25	13.55	12.25	13.55	12.60	13.90
Algeria 42° API 0.10% sulfur										
	14.25	14.25	14.10	14.10	14.10	14.10	14.10	14.10	14.80	14.80
Qatar 40° API 1.17% sulfur										
	12.88	13.19	12.88	13.19	12.88	13.19	12.88	13.19	14.35	14.54
Gabon 29° API 1.26% sulfur										
	11.79	12.80	11.79	12.80	11.79	12.80	11.79	12.80	12.07	13.23
Ecuador 28° API 0.93% sulfur										
	11.32	12.40	11.32	12.40	11.14	12.25	11.14	12.25	NA	15.94

¹ Total average f.o.b. costs paid by present or former concessionaires.

² F.o.b. prices set by the government for direct sales and, in most cases, for the producing company buy-back oil.

³ Weighted by the volume of production.

⁴ The following discounts were offered on Nigerian 34° API Crude: 12-cents-per-barrel for 2d qtr 1978, 25-cents-per-barrel for 3d qtr 1978 and 15-cents-per-barrel for 4th qtr 1978.

⁵ A 10-cent-per-barrel discount will be offered to buyers provided they meet their minimum contractual lifting volumes for second half 1977. The discount will be credited to the lifting companies' accounts beginning in first quarter 1978. An additional 5-cent-per-barrel discount was offered for second and third quarters 1978.

Table 26

Percent

Big Seven: Consumer Price Inflation,¹ by Month

	United States	Big Six Foreign Countries ²	Japan	West Germany	France	United Kingdom	Italy	Canada
1974 Jan	9.5	16.3	27.0	10.3	12.7	15.0	14.9	8.6
Feb	10.9	20.0	39.0	9.4	14.2	15.6	18.6	9.0
Mar	12.1	21.1	42.3	6.8	16.0	16.6	21.7	10.6
Apr	12.6	20.0	36.5	5.8	16.9	18.6	23.1	11.4
May	12.5	16.4	22.8	5.4	17.0	18.5	24.4	12.6
Jun	11.6	14.8	17.5	5.8	16.5	18.9	22.5	13.3
Jul	11.3	14.3	16.1	5.8	15.8	17.8	24.0	13.8
Aug	11.3	15.6	20.3	5.9	15.0	17.1	27.0	12.6
Sep	12.0	16.0	21.3	6.1	14.0	16.0	32.9	11.1
Oct	13.1	16.0	21.1	6.5	13.3	16.3	34.0	10.4
Nov	13.1	15.6	18.8	7.0	13.0	18.4	32.0	11.3
Dec	12.4	15.2	17.9	7.0	13.1	20.9	25.7	12.5
1975 Jan	11.2	13.8	13.5	6.6	13.4	23.9	21.1	12.9
Feb	9.9	11.7	8.6	5.7	13.4	24.8	16.8	12.0
Mar	8.5	9.8	4.4	5.3	12.6	25.8	13.8	10.3
Apr	7.1	9.2	4.4	5.1	11.2	26.2	11.0	8.7
May	5.9	10.0	6.6	5.8	9.9	31.1	9.0	7.5
Jun	5.9	11.3	8.5	6.5	9.1	35.4	9.9	8.2
Jul	6.8	12.0	9.0	6.7	8.9	38.0	10.8	10.0
Aug	7.9	11.5	8.4	6.3	9.0	32.0	12.1	12.7
Sep	8.1	10.5	8.0	5.6	9.1	24.7	11.4	13.1
Oct	7.3	10.0	9.4	5.5	9.2	18.7	10.7	11.9
Nov	6.9	10.0	10.7	5.6	9.0	16.4	9.8	10.3
Dec	7.0	9.6	10.2	5.0	9.0	15.9	10.4	9.4
1976 Jan	7.1	9.0	8.3	4.1	9.6	15.7	11.7	8.7
Feb	5.9	8.9	7.8	3.8	10.3	15.7	13.6	7.0
Mar	4.5	9.5	9.1	4.2	10.9	14.5	16.2	6.2
Apr	3.4	10.0	9.9	4.9	10.5	12.8	20.8	5.4
May	3.7	9.9	9.4	5.0	9.8	10.7	25.7	5.7
Jun	4.5	9.7	10.1	4.6	8.5	9.4	26.6	5.6
Jul	5.4	9.1	10.4	3.4	8.1	9.1	22.0	5.4
Aug	5.8	9.6	10.0	3.0	8.3	11.0	16.3	4.9
Sep	5.7	8.6	8.7	2.9	9.5	14.4	14.2	4.8

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Oct	5.6	9.7	7.7	3.8	10.3	19.2	17.5	5.8
Nov	5.3	11.1	9.0	3.7	10.9	21.5	23.0	6.6
Dec	5.3	11.8	9.7	3.8	10.7	22.0	27.7	6.8
1977 Jan	5.6	11.9	10.6	4.0	9.8	21.7	27.2	7.0
Feb	6.9	11.6	10.3	4.7	8.7	21.1	24.9	8.1
Mar	8.2	11.0	9.1	5.0	7.8	20.5	22.1	10.0
Apr	9.2	10.3	7.9	4.7	8.9	17.6	20.4	11.0
May	8.7	9.7	7.4	4.1	10.2	15.0	18.2	10.6
Jun	8.0	9.3	7.7	3.7	11.5	13.0	15.7	9.0
Jul	6.6	8.8	7.6	3.7	11.3	11.7	14.9	7.9
Aug	6.0	8.3	6.2	3.6	10.6	11.7	14.7	7.5
Sep	5.2	7.6	5.2	3.2	9.6	11.1	14.5	7.8
Oct	4.9	7.3	5.3	3.0	8.8	10.9	12.6	8.2
Nov	4.8	6.6	4.4	2.7	8.2	9.3	11.4	9.0
Dec	5.3	5.9	2.7	2.9	7.9	8.0	11.0	9.7
1978 Jan	6.4	4.9	Negl.	2.7	7.4	6.8	12.4	9.7
Feb	7.2	4.8	-0.1	2.6	7.7	6.0	12.4	9.1
Mar	7.9	5.4	2.0	2.6	8.0	5.8	12.2	8.7
Apr	8.2	6.2	4.3	2.6	9.2	5.9	10.9	8.7
May	9.0	6.7	5.5	2.5	9.9	6.0	11.2	9.4
Jun	9.8	6.6	4.8	2.0	10.6	6.0	11.6	9.4
Jul	10.1	7.4	5.4	2.1	11.1	7.3	13.0	10.9
Aug	9.9	8.0	6.0	2.1	11.4	9.8	13.5	10.6
Sep	9.1	8.4	6.8	2.2	10.9	11.7	13.9	9.5
Oct	8.9	7.3	5.4	1.7	9.6	11.6	12.6	6.5
Nov	9.2	5.8	2.5	1.8	8.5	9.9	11.2	6.0
Dec	9.3	5.1	0.3	2.4	8.6	9.0	10.1	7.1

¹ Seasonally adjusted at an annual rate. Three-month average compared with previous three months.

² Weighted average.

Table 27

1970=100

Consumer Price Index

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	76	81	100	114	127	139	147	156	168
Canada	77	83	100	116	129	142	153	165	180
Japan	57	77	100	124	154	172	188	204	211
European Community									
Belgium	74	84	100	118	133	150	163	175	183
France	67	81	100	120	136	152	167	182	199
Italy	68	87	100	122	146	171	200	237	265
Netherlands	66	79	100	125	137	151	165	175	182
United Kingdom	67	80	100	127	148	184	215	249	270
West Germany	77	88	100	119	127	135	141	146	150
Communist Countries									
USSR ¹	88	96	100	106	108	109	111	112	114
Eastern Europe ²									
Bulgaria ³	73	86	100	109	114	116	120	126	131
Czechoslovakia	74	80	100	106	109	111	113	114	116
East Germany	87	92	100	100	103	103	104	108	109
Hungary	82	88	100	115	118	123	130	134	134
Poland	78	88	100	113	124	132	142	155	155
Other									
Yugoslavia	32	61	100	161	195	243	271	312	356

¹ 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.

² 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).

³ Price indexes are calculated from official figures for total consumption of the population, including estimates of health and education expenses.

Table 28

1970=100

Wholesale Price Index in Non-Communist Countries

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	86	88	100	122	145	158	166	175	190
Canada	81	88	100	132	161	172	179	196	213
Japan	89	90	100	116	152	157	165	168	163
European Community									
Belgium ¹	82	90	100	116	136	137	147	151	148
France ²	77	85	100	122	158	149	160	169	176
Italy	77	88	100	126	177	192	236	276	299
Netherlands ³	81	90	100	116	129	137	147	155	158
United Kingdom ³	74	84	100	123	152	189	220	265	288
West Germany ^{1 3}	88	94	100	114	135	137	144	147	145

¹ Excluding the value added tax.² Intermediate goods prices.³ Industrial goods prices.

Table 29

Percent

Big Seven: Wholesale Price Inflation,¹ by Month

	United States	Big Six Foreign Countries ²	Japan	West Germany	France	United Kingdom	Italy	Canada
1974 Jan	18.3	31.2	54.5	14.6	21.5	19.1	47.1	28.1
Feb	22.8	39.7	71.4	20.0	24.7	22.7	69.6	28.1
Mar	27.4	43.0	66.9	25.2	28.2	28.4	88.5	28.4
Apr	31.3	39.1	48.1	24.3	29.6	35.8	88.3	28.0
May	35.0	30.2	26.0	20.0	29.0	37.0	67.6	27.6
Jun	36.1	22.8	16.5	14.0	26.4	33.8	43.6	23.8
Jul	36.8	18.6	14.5	11.5	21.0	27.0	31.7	20.4
Aug	34.5	17.5	16.2	9.9	17.1	23.7	31.7	17.8
Sep	31.3	16.3	14.2	9.7	13.7	22.6	34.1	17.2
Oct	26.1	14.5	11.0	8.4	13.0	24.1	32.1	12.7
Nov	19.1	11.8	6.8	7.5	11.9	25.1	24.6	8.5
Dec	14.2	9.2	4.3	5.8	10.1	26.2	16.0	4.2
1975 Jan	10.4	6.4	0.2	4.5	6.9	26.8	8.2	4.7
Feb	8.4	3.9	-3.3	2.4	4.3	27.0	0.5	6.2
Mar	6.4	2.1	-5.6	0.8	2.8	26.6	-4.8	7.8
Apr	5.0	1.6	-4.5	-0.9	2.7	25.2	-8.4	8.1
May	3.7	2.6	-1.5	-0.8	2.6	25.4	-8.1	7.8
Jun	3.4	4.1	1.6	Negl.	3.1	24.4	-6.3	9.6
Jul	3.3	5.4	3.0	0.9	4.0	24.1	-2.4	10.5
Aug	4.2	6.0	3.1	1.4	5.7	20.8	2.3	9.7
Sep	4.8	6.8	3.4	2.3	7.4	18.6	7.9	8.9
Oct	6.5	7.7	4.7	3.2	8.2	15.7	12.4	10.0
Nov	8.0	8.1	5.2	3.7	7.6	14.5	14.6	11.4
Dec	9.3	7.5	4.5	2.6	6.9	14.5	14.3	11.1
1976 Jan	9.0	6.8	2.2	2.3	6.7	14.8	14.5	8.2
Feb	7.8	6.9	3.2	2.7	7.0	15.1	15.7	6.0
Mar	6.1	7.7	5.1	3.5	7.1	13.0	22.0	3.0
Apr	4.9	9.6	7.3	4.4	8.0	12.6	33.1	2.4
May	4.0	11.5	8.4	4.7	9.7	12.6	46.6	2.4
Jun	4.3	13.1	8.5	5.9	11.5	14.4	51.2	5.0
Jul	4.9	13.5	9.1	6.3	12.1	15.6	44.2	8.3
Aug	6.4	13.1	9.0	6.5	11.6	17.6	32.7	12.2
Sep	7.0	12.5	8.9	6.4	10.9	19.8	24.6	13.4
Oct	8.0	11.7	7.4	5.6	10.1	21.6	23.5	11.9

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	Nov	8.5	11.3	5.9	4.6	9.5	22.7	27.4	9.3
	Dec	8.6	10.6	3.0	2.4	8.3	23.1	30.5	11.6
1977	Jan	7.6	9.5	0.2	1.5	6.3	24.1	29.4	14.0
	Feb	6.8	7.9	-1.3	1.1	4.3	23.4	21.1	16.1
	Mar	6.9	6.5	-1.3	1.6	3.4	22.3	14.0	11.9
	Apr	8.1	6.0	0.5	1.9	5.1	19.8	6.7	10.1
	May	8.4	5.9	1.5	2.0	6.5	18.8	4.6	7.6
	Jun	7.6	6.0	2.3	2.1	7.5	18.3	3.7	6.7
	Jul	6.2	5.8	1.3	1.8	6.2	18.2	6.5	5.8
	Aug	5.6	5.6	-0.4	1.8	5.5	17.8	8.3	7.9
	Sep	5.8	5.8	-1.2	1.8	5.6	16.1	10.7	10.5
	Oct	6.2	6.2	-0.6	1.7	7.3	13.6	12.0	11.7
	Nov	6.3	5.9	-0.6	1.7	8.6	10.4	13.3	10.0
	Dec	6.4	4.6	-2.8	1.1	8.6	8.3	11.9	9.0
1978	Jan	6.4	2.9	-6.1	0.9	6.6	6.7	10.7	7.8
	Feb	7.0	1.9	-6.5	-0.1	5.7	6.5	6.9	7.4
	Mar	7.2	1.7	-4.7	-0.9	5.5	6.1	4.6	5.9
	Apr	7.6	2.4	-1.9	-1.3	7.0	6.6	0.4	8.0
	May	7.5	3.0	-0.4	-0.2	7.1	6.4	1.4	7.3
	Jun	7.9	4.3	0.5	1.1	8.8	6.5	3.7	8.8
	Jul	7.9	4.9	-0.2	2.2	10.1	6.9	8.8	5.6
	Aug	8.0	5.5	-3.3	2.4	13.1	8.7	10.8	8.7
	Sep	7.6	5.7	-5.9	2.8	13.5	10.3	12.6	10.9
	Oct	8.0	6.4	-6.8	2.9	13.6	10.9	13.0	18.1
	Nov	9.0	7.4	-4.4	3.7	12.5	9.7	14.4	21.0
	Dec	10.3	7.9	-2.4	3.7	11.7	9.0	14.4	22.8

¹ Seasonally adjusted at an annual rate. Three-month average compared with previous three months.

² Weighted average.

Table 30

Million Persons at Midyear

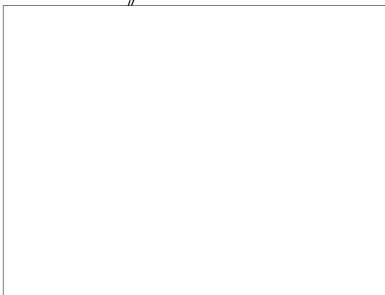
Population

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	640.7	680.6	714.4	735.6	741.9	747.8	752.7	758.5	763.5
United States	180.7	194.3	204.9	210.4	211.9	213.6	215.1	216.8	218.5
Australia	10.3	11.5	12.7	13.4	13.6	13.8	13.9	14.1	14.2
Austria	7.0	7.2	7.4	7.5	7.6	7.5	7.5	7.5	7.5
Canada	17.9	19.7	21.3	22.1	22.4	22.7	23.0	23.3	23.5
Finland	4.4	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7
Greece	8.3	8.6	8.8	8.9	9.0	9.0	9.0	9.2	9.3
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	108.7	110.2	111.6	112.8	113.9	114.9
New Zealand	2.4	2.6	2.8	3.0	3.0	3.1	3.1	3.1	3.1
Norway	3.6	3.7	3.9	4.0	4.0	4.0	4.0	4.0	4.1
Portugal	8.6	8.8	8.6	8.6	8.8	8.8	8.8	8.9	9.0
Spain	30.5	32.1	33.8	34.9	35.2	35.8	36.2	36.7	37.1
Sweden	7.5	7.7	8.0	8.1	8.2	8.2	8.2	8.3	8.3
Switzerland	5.4	6.0	6.2	6.4	6.4	6.4	6.5	6.5	6.3
Turkey	27.5	31.2	35.3	38.0	38.9	40.0	41.0	42.1	43.1
European Community	232.3	243.5	251.6	256.7	257.8	258.4	258.7	259.2	259.7
Belgium	9.2	9.5	9.7	9.7	9.8	9.8	9.8	9.8	9.8
Denmark	4.6	4.8	4.9	5.0	5.0	5.1	5.1	5.1	5.1
France	45.7	48.8	50.8	52.2	52.5	52.7	52.9	53.1	53.3
Ireland	2.8	2.9	3.0	3.1	3.1	3.1	3.2	3.2	3.2
Italy	50.3	52.0	53.7	54.9	55.4	55.8	56.2	56.4	56.7
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	13.4	13.5	13.7	13.8	13.9	13.9
United Kingdom	52.6	54.4	55.5	56.0	56.1	56.0	56.0	55.9	55.9
West Germany ¹	55.4	58.7	60.7	62.0	62.0	61.8	61.5	61.4	61.3
Less Developed Countries									
Brazil	72.2	83.5	96.8	105.4	108.4	111.4	114.5	117.7	121.0
Egypt	25.9	29.4	33.0	35.2	36.0	36.9	37.8	38.8	39.9
India	445.9	494.9	553.6	592.0	605.1	616.6	629.8	643.0	656.4
Indonesia	100.7	112.3	122.7	131.1	133.8	136.6	139.3	142.2	145.1
Mexico	36.2	42.6	50.1	55.4	57.0	58.7	60.6	62.4	64.3
Philippines	27.9	32.4	37.5	40.7	41.8	42.8	43.8	44.9	45.9
South Korea	25.1	29.1	33.0	35.4	36.1	36.8	37.5	38.2	38.9

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Communist Countries									
USSR and Eastern Europe	311.0	330.7	345.8	354.5	357.6	360.5	363.7	366.9	369.5
USSR	247.5	256.9	242.8	249.7	252.7	254.4	256.7	256.9	261.2
Eastern Europe	96.7	99.8	103.0	104.8	105.5	106.1	107.0	107.9	108.3
Bulgaria	7.9	8.2	8.5	8.6	8.7	8.7	8.8	8.8	8.8
Czechoslovakia	13.7	14.1	14.3	14.6	14.7	14.8	14.9	15.0	15.1
East Germany	17.1	17.0	17.1	17.0	16.9	16.8	16.8	16.8	16.8
Hungary	10.0	10.2	10.3	10.4	10.5	10.5	10.6	10.6	10.7
Poland	29.6	31.3	32.5	33.4	33.7	34.0	34.4	34.7	35.0
Romania	18.4	19.0	20.3	20.8	21.0	21.2	21.4	21.7	21.9
Other									
Albania	1.6	1.9	2.1	2.3	2.3	2.4	2.5	2.5	2.6
China	685.1	752.6	848.5	912.4	932.9	952.5	971.0	987.4	1,002.4
Cuba	7.0	7.8	8.6	9.0	9.2	9.3	9.5	9.6	9.7
Mongolia	1.0	1.1	1.2	1.4	1.4	1.4	1.5	1.5	1.6
North Korea	10.6	12.2	14.2	15.5	16.0	16.5	17.0	17.6	18.1
Yugoslavia	18.4	19.4	20.4	21.0	21.2	21.4	21.6	21.8	22.0

¹ Including data for West Berlin.



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Table 31

Million Persons at Midyear

Labor Force ¹*See PD on footnotes*

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	72.14	77.18	85.90	91.04	93.24	94.79	96.92	99.53	102.54
Canada ³	6.48	7.27	8.40	9.32	9.70	9.97	10.21	10.50	10.88
Japan ³	45.11	47.87	51.53	53.26	53.10	53.23	53.78	54.52	55.32
European Community	N.A.	105	105	106	107	108	108	109	109
France	N.A.	20.38	21.46	22.08	22.28	22.23	22.44	22.77	22.93
Italy ⁴	N.A.	19.92	19.50	19.37	19.60	19.80	20.38	21.90	22.12
United Kingdom	N.A.	25.50	25.30	25.54	25.60	25.83	26.09	26.33	26.36
West Germany	N.A.	27.03	26.82	26.98	26.80	26.42	26.15	26.07	26.20
Communist Countries									
USSR and Eastern Europe	158	166	179	187	189	192	195	197	200
USSR ⁵	110.13	116.49	125.61	131.61	133.60	135.77	137.99	140.14	142.21
Eastern Europe	48.2	49.7	53.4	55.1	55.6	56.2	56.6	57.1	57.5
Bulgaria	4.42	4.26	4.55	4.64	4.64	4.66	4.68	4.70	4.72
Czechoslovakia	6.40	6.77	7.03	7.30	7.36	7.44	7.49	7.53	7.57
East Germany	8.51	8.39	8.53	8.63	8.67	8.71	8.76	8.80	8.86
Hungary	4.74	4.78	5.00	5.17	5.20	5.22	5.23	5.23	5.23
Poland	14.13	15.21	16.89	17.70	17.99	18.28	18.56	18.84	19.09
Romania	10.00	10.27	11.36	11.68	11.77	11.85	11.92	11.97	12.02
Far East									
Vietnam ⁶	8.50	9.70	10.95	11.85	12.15	12.50	22.10	23.32	24.01
Other									
Yugoslavia ⁷	7.07	7.81	7.98	8.00	8.08	8.24	8.35	8.43	8.52

¹ Unless otherwise indicated, data include the armed forces and the unemployed.² Annual averages of monthly data.³ Data are as of the end of the year.⁴ New series beginning in 1977.⁵ 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. 19.⁶ Excluding the armed forces and South Vietnam prior to 1976.⁷ Excluding those employed abroad and the armed forces.

Table 32

Million Persons at Midyear

Agricultural Labor Force ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	7.06	5.61	4.52	4.34	4.39	4.34	4.37	4.15	3.92
Canada ³	0.68	0.59	0.51	0.47	0.48	0.49	0.47	0.46	0.47
Japan ³	12.70	10.50	8.40	6.60	6.63	6.20	6.00	5.90	N.A.
Communist Countries									
USSR and Eastern Europe	66.3	58.6	55.0	52.4	51.5	50.6	49.8	49.0	48.1
USSR ⁴	45.44	40.04	37.50	35.91	35.38	34.85	34.32	33.79	33.25
Eastern Europe	20.8	18.6	17.5	16.4	16.1	15.8	15.4	15.2	14.8
Bulgaria	2.49	1.93	1.64	1.49	1.44	1.40	1.36	1.32	1.27
Czechoslovakia	1.68	1.48	1.29	1.18	1.16	1.14	1.13	1.12	1.12
East Germany	1.56	1.38	1.08	1.00	0.97	0.93	0.90	0.88	0.86
Hungary	1.83	1.42	1.26	1.17	1.12	1.09	1.07	1.05	1.02
Poland	6.66	6.39	6.32	6.19	6.14	6.09	6.05	6.00	5.94
Romania	6.62	5.97	5.87	5.41	5.25	5.10	4.94	4.79	4.64
Far East									
Vietnam ³	6.50	6.75	7.65	8.30	8.50	8.70	15.40	16.25	16.73
Other									
Yugoslavia	4.14	4.12	4.01	3.56	3.37	3.21	3.08	2.88	2.75

¹ Excluding the armed forces.² Data are for civilian employment and are based on data published by the US Department of Agriculture.³ Data are as of the end of the year.⁴ Data are from *Estimates and Projections of the Labor Force*and *Civilian Employment in the USSR*, by Stephen Rapaw, Foreign Economic Report No. 10, US Department of Commerce, September 1976, p. 19.³ Including South Vietnam beginning in 1976.

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Table 33

Million Persons at Midyear

Nonagricultural Labor Force ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	60.32	66.73	75.16	80.96	82.44	81.40	84.19	87.30	91.03
Canada ³	5.30	6.47	7.41	8.33	8.71	8.80	9.01	9.18	9.50
Japan ³	31.63	36.84	42.52	46.01	46.07	46.05	46.70	49.53	N.A.
European Community	N.A.	87.5	90.7	92.8	93.3	92.4	92.5	93.3	93.6
France	N.A.	16.08	17.49	18.38	18.65	18.41	18.61	19.15	N.A.
Italy ⁴	N.A.	13.92	14.90	15.12	16.44	16.81	17.29	18.73	18.95
United Kingdom	N.A.	23.84	23.59	23.89	24.03	23.93	23.76	23.89	23.90
West Germany	N.A.	23.54	23.91	24.25	23.81	23.50	23.35	23.37	23.50
Communist Countries									
USSR and Eastern Europe	92.0	108	124	134	138	141	145	148	151
USSR ⁵	64.70	76.46	88.11	95.70	98.22	100.92	103.67	106.36	108.49
Eastern Europe	27.3	31.1	35.9	38.7	39.6	40.4	41.2	41.9	42.6
Bulgaria	1.93	2.34	2.91	3.15	3.20	3.27	3.32	3.38	3.45
Czechoslovakia	4.71	5.30	5.74	6.12	6.20	6.30	6.36	6.40	6.45
East Germany	6.95	7.00	7.46	7.63	7.70	7.78	7.85	7.93	8.00
Hungary	2.90	3.35	3.75	4.00	4.09	4.13	4.16	4.19	4.21
Poland	7.47	8.82	10.57	11.51	11.85	12.19	12.51	12.84	13.15
Romania	3.37	4.31	5.49	6.28	6.52	6.76	6.98	7.18	7.38
Far East									
Vietnam ⁶	2.00	2.95	3.30	3.55	3.65	3.80	6.70	7.07	7.28
Other									
Yugoslavia ⁷	2.93	3.69	3.97	4.44	4.71	5.03	5.27	5.55	5.77

¹ Unless otherwise indicated, data include the armed forces.² Civilian employment. The data are annual averages of monthly data that exclude the armed forces.³ Data are as of the end of the year.⁴ New series beginning in 1977.⁵ 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. 19.⁶ Excluding the armed forces and including South Vietnam, prior to 1976.⁷ Excluding those employed abroad and the armed forces.

Table 34

Million Persons, Annual Average

Industrial Employment ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	17.51	18.69	19.97	20.69	20.74	19.09	19.74	20.46	21.17
Canada ²	N.A.	2.45	2.65	2.92	2.98	2.95	3.00	3.01	N.A.
Japan ²	9.89	11.79	13.97	14.56	14.41	13.62	13.63	13.57	N.A.
European Community	N.A.	41.2	41.3	40.5	40.2	41.4	40.6	41.1	40.7
France	N.A.	7.69	8.06	8.24	8.27	7.46	7.40	7.33	7.17
Italy ³	N.A.	7.66	8.12	8.05	8.06	8.30	8.23	7.67	7.63
United Kingdom	N.A.	11.54	10.91	10.48	10.46	10.02	9.76	9.82	9.76
West Germany	N.A.	13.10	13.00	12.80	12.40	11.60	11.40	11.30	11.40
Communist Countries									
USSR and Eastern Europe	34.0	40.3	46.1	48.5	49.4	50.3	51.2	52.0	52.6
USSR	22.62	27.45	31.59	32.88	33.43	34.05	34.82	35.40	35.95
Eastern Europe	11.4	12.8	14.5	15.6	16.0	16.3	16.4	16.6	16.7
Bulgaria	0.72	0.90	1.09	1.17	1.20	1.22	1.22	1.23	1.21
Czechoslovakia	2.21	2.41	2.60	2.66	2.68	2.70	2.71	2.72	2.71
East Germany	2.78	2.78	2.85	3.05	3.07	3.07	3.10	3.11	3.12
Hungary	1.39	1.57	1.79	1.79	1.81	1.80	1.80	1.76	1.75
Poland	3.01	3.50	4.12	4.48	4.60	4.68	4.68	4.72	4.79
Romania	1.25	1.67	2.06	2.48	2.66	2.80	2.91	3.03	3.08
Far East									
Vietnam ⁴	0.75	0.95	1.10	1.20	1.20	1.25	2.20	2.32	2.39
Other									
Yugoslavia	1.07	1.38	1.45	1.65	1.75	1.84	1.89	1.95	2.02

¹ Including employment in manufacturing, mining, and electric power.² Data are as of the end of the year.³ New series beginning in 1977.⁴ Including South Vietnam beginning in 1976.

Table 35

Percent

Big Seven: Unemployment Rates ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States	5.5	4.5	4.9	4.9	5.6	8.5	7.7	7.0	6.0
Canada	7.0	3.9	5.7	5.6	5.3	6.9	7.1	8.1	8.4
France	1.8	1.6	2.6	2.7	3.0	4.3	4.7	5.0	5.4
Italy	3.8	3.5	3.1	3.4	2.8	3.2	3.6	3.4	3.5
Japan	1.7	1.2	1.2	1.3	1.4	1.9	2.0	2.0	2.3
United Kingdom ²	2.2	2.2	3.1	2.9	2.9	4.1	5.5	6.2	6.1
West Germany	1.1	0.3	0.8	0.8	1.7	3.6	3.6	3.6	3.4

¹ Data adjusted to US concepts.² Excluding Northern Ireland.

Table 36

Percent

Big Seven: Unemployment Rates, by Month

	United States	Big Six Foreign Countries ¹	Japan	West Germany	France	United Kingdom	Italy	Canada
1974 Jan	5.0	2.1	1.2	1.9	2.0	2.4	3.1	5.3
Feb	5.1	2.2	1.4	2.0	2.0	2.5	3.1	5.2
Mar	5.0	2.2	1.4	2.2	2.0	2.5	2.5	5.2
Apr	5.0	2.2	1.2	2.3	2.0	2.5	2.5	5.1
May	5.2	2.2	1.2	2.3	2.0	2.5	2.5	5.4
Jun	5.3	2.2	1.3	2.5	2.0	2.5	2.8	5.0
Jul	5.5	2.3	1.3	2.6	2.1	2.6	2.8	5.1
Aug	5.4	2.4	1.4	2.8	2.2	2.6	2.8	5.3
Sep	5.9	2.5	1.4	3.0	2.4	2.7	3.1	5.4
Oct	5.9	2.7	1.6	3.3	2.7	2.7	3.1	5.4
Nov	6.6	2.8	1.6	3.6	2.9	2.8	3.1	5.6
Dec	7.2	3.0	1.8	3.7	3.1	2.9	3.1	6.0
1975 Jan	8.0	3.1	1.7	3.7	3.2	3.0	3.1	6.6
Feb	8.1	3.2	1.7	4.0	3.3	3.1	3.1	6.6
Mar	8.6	3.3	1.7	4.3	3.5	3.2	3.4	6.8
Apr	8.8	3.5	1.8	4.7	3.7	3.4	3.4	6.8
May	9.1	3.6	1.8	5.0	3.9	3.6	3.4	6.9
Jun	8.7	3.8	1.9	5.2	4.1	3.8	3.3	7.0
Jul	8.6	3.8	1.9	5.2	4.1	4.1	3.3	6.9
Aug	8.4	3.9	1.9	5.2	4.0	4.3	3.3	7.2
Sep	8.5	3.9	2.0	5.2	4.1	4.4	3.5	7.0
Oct	8.4	4.0	2.2	5.1	4.2	4.6	3.5	7.2
Nov	8.3	4.0	2.2	5.0	4.3	4.8	3.5	7.2
Dec	8.2	4.0	2.1	4.9	4.3	5.0	3.5	7.0
1976 Jan	7.9	3.9	2.0	4.6	4.3	5.1	3.5	6.9
Feb	7.7	4.0	2.0	4.8	4.3	5.2	3.5	6.9
Mar	7.6	3.9	1.9	4.8	4.3	5.2	3.5	6.7
Apr	7.6	4.0	2.0	4.7	4.3	5.3	3.5	7.1
May	7.4	4.0	2.1	4.6	4.3	5.3	3.5	7.0
Jun	7.5	4.0	2.1	4.6	4.3	5.3	3.8	7.0
Jul	7.7	4.0	2.1	4.6	4.2	5.5	3.8	7.3
Aug	7.8	4.0	2.0	4.6	4.3	5.6	3.8	7.1
Sep	7.7	4.0	2.0	4.5	4.3	5.6	3.9	7.1
Oct	7.7	4.0	2.0	4.5	4.3	5.5	3.9	7.5
Nov	7.8	4.0	2.0	4.4	4.3	5.6	3.9	7.4
Dec	7.8	4.0	1.8	4.4	4.4	5.6	6.8	7.5

Table 36 (continued)

Percent

58

Big Seven: Unemployment Rates, by Month

	United States	Big Six Foreign Countries ¹	Japan	West Germany	France	United Kingdom	Italy	Canada
1977 Jan	7.4	4.0	1.8	4.4	4.5	5.7	6.8	7.6
Feb	7.6	4.1	1.9	4.4	4.6	5.6	6.8	7.9
Mar	7.4	4.1	1.9	4.4	4.7	5.6	6.6	8.0
Apr	7.1	4.2	1.9	4.5	4.7	5.6	6.6	8.1
May	7.1	4.2	2.1	4.6	4.9	5.6	6.6	7.8
Jun	7.1	4.3	2.2	4.6	5.0	5.7	7.7	7.9
Jul	6.9	4.4	2.2	4.7	5.2	5.9	7.7	8.1
Aug	7.0	4.4	2.1	4.6	5.4	6.0	7.7	8.2
Sep	6.8	4.4	2.0	4.6	5.2	6.0	7.4	8.2
Oct	6.8	4.3	2.0	4.6	5.0	6.0	7.4	8.3
Nov	6.7	4.3	2.1	4.6	4.9	6.0	7.4	8.4
Dec	6.4	4.3	2.1	4.5	4.8	6.0	7.1	8.5
1978 Jan	6.3	4.2	2.1	4.4	4.7	5.9	7.1	8.3
Feb	6.1	4.3	2.1	4.5	4.8	5.9	7.1	8.3
Mar	6.2	4.4	2.1	4.5	5.0	5.9	6.8	8.6
Apr	6.0	4.4	2.2	4.4	5.0	5.8	6.8	8.5
May	6.1	4.4	2.3	4.4	5.2	5.7	6.8	8.5
Jun	5.7	4.4	2.3	4.4	5.4	5.7	7.5	8.5
Jul	6.2	4.4	2.3	4.3	5.6	5.7	7.5	8.3
Aug	5.9	4.5	2.3	4.3	5.7	5.8	7.5	8.4
Sep	6.0	4.5	2.4	4.3	5.6	5.8	7.5	8.5
Oct	5.8	4.4	2.3	4.3	5.6	5.7	7.5	8.2
Nov	5.8	4.4	2.3	4.2	5.5	5.6	7.5	8.2
Dec	5.9	4.4	2.3	4.1	5.7	5.5	7.6	8.1

¹ Weighted average, excluding data for Italy.

Table 37

Units per US \$

Foreign Trade Exchange Rates of the Communist Countries¹

	Unit of Currency	1971	1972	1973	1974	1975	1976	1977	1978
USSR	Ruble	0.900	0.824	0.739	0.756	0.720	0.754	0.736	0.681
Eastern Europe									
Bulgaria	Lev	1.17	1.08	0.97	0.97	0.97	0.97	0.95	0.90
Czechoslovakia	Koruna	7.20	6.63	5.84	5.84	5.58	5.77	5.64	5.46
East Germany ²	Deutsche mark East	4.20	3.87	3.48	3.48	3.48	3.48	3.48	3.48
Hungary ³	Forint	11.74	10.81	9.50	9.15	8.57	41.56	40.96	37.09
Poland	Zloty	4.00	3.68	3.32	3.32	3.32	3.32	3.32	3.32
Romania	Leu	6.00	5.53	4.97	4.97	4.97	4.97	4.97	4.47
Far East									
China	Yuan	2.38	2.24	1.98	1.95	1.86	1.93	1.85	1.67
North Korea ⁴	Won	2.36	2.36	2.06	2.15	2.02	2.02	2.02	2.02
Vietnam	Dong	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2.30	2.54
Other									
Albania	Lek	5.00	4.61	4.14	4.14	4.14	4.14	4.14	4.14
Cuba	Peso	1.00	0.92	0.83	0.84	0.81	0.83	0.82	0.76
Mongolia	Tugrik	N.A.	N.A.	3.31	N.A.	N.A.	N.A.	3.30	3.11
Yugoslavia	Dinar	14.96	17.00	16.19	15.91	17.39	18.19	18.30	18.64

¹ 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.

² The unofficial rates actually used in East German accounting of

foreign trade transactions. The official rate is 2.05 deutsche marks to the dollar.

³ Since January 1976, Hungary has expressed the value of its foreign trade in domestic forints rather than diviza forints.

⁴ End of year rate.

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**Soviet Economic
Performance**

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New Table ~~Index of Sov. GNP Growth~~ *by sector*
Percent
of 62

Table 38

Percent

USSR: Percent Distribution of Gross National Product at Factor Cost,¹ by End Use

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ²
Total	100	100	100	100	100	100	100	100	100
Consumption ³	60	57	57	56	56	57	56	56	56
Investment	21	24	25	27	27	28	30	30	31
New fixed ⁴	18	20	21	22	22	23	24	24	25
Defense, administration, R&D, inventory change, net exports, and outlays, n.e.c.	19	19	17	18	17	15	14	14	13

¹ 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 implicit amortization and capital charges and subsidies. These revised weights are then moved over

time by indexes of the various end uses in constant prices.

² Preliminary.

³ Including consumption of food, soft goods, durables, personal services, and personal and government outlays for education and health.

⁴ Including machinery and equipment, construction and other capital outlays, and net additions to livestock.

above table
Index

Separate?

Sectoral
Origin

Table 39

Billion Rubles

USSR: Gross Fixed Capital Investment, by Function and by Sector ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ²
Total investment	41.30	56.00	80.60	97.00	104.00	112.90	117.97	122.28	128.7
By function ³									
Construction and installation	29.1	35.5	49.9	59.1	62.3	66.2	67.0	68.4	69.7 ²
Equipment	10.0	16.9	24.4	29.9	32.9	37.1	40.7	43.0	47.4 ³
Other capital outlays	2.2	3.6	6.3	8.0	8.8	9.6	10.3	10.9	11.6 ³
By sector									
Industry	14.86 ⁴	20.63	28.66	34.11	36.56	39.85	41.76	43.63	N.A.
Ferrous metallurgy	1.39	1.78	2.02	2.76	2.95	2.80	2.91	3.04	N.A.
Chemicals and petrochemicals	1.03	2.16	2.40	3.05	3.47	3.79	3.98	4.46	N.A.
Fuels and power	4.29	6.50	8.04	9.52	10.15	10.94	11.42	12.22	N.A.
Machine building and metalworking	2.04	3.11	5.96	7.14	7.86	9.41	9.97	10.35	N.A.
Construction materials	1.18	1.01	1.67	1.91	1.88	1.86	1.88	2.03	N.A.
Consumer goods	2.00	2.43	3.50	4.07	4.29	4.54	4.77	4.62	N.A.
Other ⁵	2.93	3.64	5.07	5.66	5.96	6.51	6.83	6.91	N.A.
Construction industry	1.14	1.46	2.91	3.55	3.73	4.25	4.86	4.72	N.A.
Transport and communications	3.83	5.40	7.61	10.10	11.02	12.17	12.81	13.26	N.A.
Agriculture	5.44	9.47	14.27	19.85	21.58	23.29	24.27	25.05	25.8
Housing	9.40	9.59	13.36	15.05	15.50	16.26	16.50	17.01	N.A.
Services	6.63 ⁶	9.45	13.81	14.30	15.50	17.07	17.78	18.61	N.A.

¹ 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. Other capital outlays are for surveys, designs, technical documentation, and the like. Their valuation in investment statistics has never been described in Soviet sources. Before 1976, Soviet statistical publications reported investment in prices of 1 January 1969. Official Soviet price indexes show only small changes in construction costs and equipment prices between 1969 and 1976. The USSR has yet to release figures in 1976 prices for total investment in 1960, and for investment by sector in 1960, 1965, 1973, and 1974. Data for these years in 1969 prices were converted to 1976 prices by comparing investment in

old and new prices for those years where data are available in both sets of prices. This table is not comparable to earlier versions published in this *Handbook* before 1978.

² Preliminary.

³ Expenditures for other capital outlays are estimated from the share of these items in total investment in 1976 and 1977. Outlays on equipment are calculated as a residual.

⁴ Rounded to the nearest tenth of a billion rubles.

⁵ Computed as a residual; includes investment in nonferrous metallurgy, timber, paper, woodworking, and miscellaneous other branches of industry.

⁶ Computed as a residual.

Table 40

Billion Rubles

USSR: Stock of Fixed Capital, by Sector ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ²
Total capital stock ³	397	601	860	1,083	1,167	1,256	1,345	1,438	1,540
Industry	101	168	255	326	355	385	416	447	479
Ferrous metallurgy	10	17	25	32	35	38	41	43	N.A.
Chemicals and petrochemicals	5	14	23	30	33	36	39	42	N.A.
Fuels and power	32	48	78	96	103	113	122	131	N.A.
Machine building and metalworking	18	32	51	68	75	83	92	101	N.A.
Construction materials	6	10	14	19	21	22	24	25	N.A.
Consumer goods	14	23	32	41	44	47	51	55	N.A.
Nonferrous metals	5	9	13	16	18	19	20	22	N.A.
Timber, woodworking, and paper	6	9	13	16	18	19	20	21	N.A.
Other	5	6	6	8	8	8	7	7	N.A.
Construction industry	7	12	22	30	33	35	39	43	47
Trade, public dining, material, technical supply	10	20	31	40	42	47	51	54	N.A.
Agriculture ³	53	77	106	139	154	167	180	195	211
Transport and communications	53	83	117	147	158	171	182	195	209
Housing	120	159	204	239	253	267	280	294	308
Services	53	82	125	162	172	184	197	210	N.A.

¹ 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.

² Preliminary.

³ Including the value of basic herds.

Table 41

Average Annual Rate of Growth in Percent

USSR: Aggregate Factor Productivity

	1961-65 ¹	1966-70 ¹	1973	1974	1975	1976	1977	1978
Gross national product ²	4.9	5.3	7.2	3.8	1.8	4.3	3.4	3.2
Factor productivity	0.5	1.2	3.0	-0.5	-1.9	0.7	-0.1	-0.4
Manhours	3.3	3.3	5.8	1.8	0.7	3.2	2.1	1.8
Capital	-3.5	-1.9	-0.7	-3.8	-5.4	-2.8	-3.3	-3.5
Land	4.3	5.7	5.4	3.4	1.4	4.3	3.6	3.2
Combined inputs ³	4.4	4.1	4.1	4.3	3.8	3.6	3.6	3.5
Manhours	1.6	2.0	1.4	2.0	1.2	1.1	1.3	1.3
Capital	8.7	7.4	8.0	7.9	7.7	7.3	7.0	6.9
Land	0.6	-0.3	1.8	0.4	0.4	0	-0.2	0

¹ For computing average annual rates of growth, the base year is the year prior to the stated period.

² Based on indexes of GNP (1970 rubles), by sector of origin, at factor cost.

³ 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, other income, and social insurance deductions), capital costs (depreciation and a 20-percent charge on gross fixed capital, including livestock), and land rent in 1970, the base year for all indexes underlying the growth rate calculations.

Table 42

Average Annual Rate of Growth in Percent

USSR: Industrial Factor Productivity

	1961-65 ¹	1966-70 ¹	1973	1974	1975	1976	1977	1978
Industrial production	6.6	6.3	6.2	6.3	5.6	3.7	4.1	3.5
Factor productivity	-0.2	0.5	1.9	1.1	0.5	-1.3	-0.4	-0.5
Manhours	3.6	3.1	5.7	4.3	3.7	1.4	2.4	2.3
Capital	4.2	-2.3	-2.0	-2.3	-2.8	-4.2	-3.4	-3.6
Combined inputs ²	6.8	5.7	4.3	5.1	5.0	5.1	4.5	4.1
Manhours	2.9	3.1	0.6	1.9	1.9	2.2	1.7	1.2
Capital	11.2	8.7	8.5	8.8	8.7	8.2	7.7	7.3

¹ For computing the average annual rates of growth, the base year is the year prior to the stated period.

² Inputs of manhours and capital are combined using weights of 52.4 percent and 47.6 percent, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent

the distribution of labor costs (wages and social insurance deductions) and capital costs (depreciation and a 20-percent charge on gross fixed capital) in 1970, the base year for all indexes underlying the growth rate calculations.

Table 43

Average Annual Rate of Growth in Percent

USSR: Industrial Production, by Branch of Industry ¹

	1961-65 ²	1966-70 ²	1973	1974	1975	1976	1977 ³	1978
Industrial materials	6.7	5.8	5.4	5.4	5.7	3.5	2.8	2.4
Electric power	11.5	7.9	6.8	6.7	6.6	6.9	3.6	4.5
Fuels	6.1	5.0	4.9	5.0	5.7	3.4	4.0	3.4
Ferrous metals	6.9	4.9	3.8	4.0	4.2	2.7	1.1	2.9
Nonferrous metals	7.7	8.1	5.9	7.0	4.7	2.8	2.5	0.9
Wood, pulp, and paper products	2.6	2.7	2.6	1.8	3.6	-0.1	0.4	-0.2
Construction materials	5.1	5.6	5.7	4.5	4.5	3.2	0.9	0.6
Chemicals	11.5	8.6	8.8	9.7	9.9	5.0	6.0	3.1
Total machinery	7.8	7.0	9.9	7.8	6.6	5.9	5.9	6.1
Of which:								
Civilian machinery	8.5	7.4	9.9	8.9	7.8	6.5	6.4	6.9
Nondurable consumer goods	4.4	6.5	1.5	5.4	3.1	-0.6	3.7	1.9
Soft goods	3.0	7.1	3.0	2.3	1.8	3.9	2.5	1.8
Processed foods	5.8	5.9	0.1	8.3	4.1	-4.5	4.9	2.1
Total industrial production	6.6	6.3	6.2	6.3	5.6	3.7	4.1	3.7

¹ 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 a sample of products in which intrabranch purchases have been excluded. The indexes for industrial materials, consumer nondurables, and total industrial

production are formed by combining the component branch indexes using 1970 value-added weights.

² The base year is the year prior to the stated period. Rates of growth are derived from unrounded data.

³ Preliminary.

*Producer durables
Consumer*

Table 44

Million US \$

USSR: Hard Currency Balance of Payments

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ¹
Trade Balance	-250	-186	-500	-1,757	-978	-6,422	-5,595	-3,300	-3,586
Exports, f.o.b.	768	1,374	2,201	4,790	7,470	7,835	9,721	11,345	13,300
Imports, f.o.b.	1,018	1,560	2,701	6,547	8,448	14,257	15,316	14,645	16,886
Gold sales	200	550	0	900	1,178	725	1,369	1,618	2,673
Net interest	-2	-17	-83	-80	-102	-568	-716	-846	-1,081
Other invisibles and hard currency trade not included elsewhere ²	-66	-46	605	2,088	1,916	1,551	2,011	2,530	2,669
Current account balance	-118	301	22	1,151	2,014	-4,714	-2,931	2	675
Direct investment abroad ³	0	0	0	-9	-11	-3	-31	0	0
Borrowing from abroad ⁴	88	41	291	1,340	1,426	5,402	4,694	1,777	1,785
Lending to other countries ⁵	0	0	-25	-809	-1,029	295	-1,711	140	-1,612
Capital account balance	88	41	266	522	386	5,694	2,952	1,917	173
Errors and omissions ⁶	30	-342	-288	-1,673	-2,400	-980	-21	-1,919	-848

¹ Estimated.² Including estimated receipts from arms sales, official transfers, and net receipts from tourism and transportation.³ Estimated investment in Soviet banking operations in the West.⁴ Soviet drawings on Western credits and East European investment in construction of the Orenburg pipeline. Excludes borrowings by the International Investment Bank and International Bank for Economic Cooperation, which borrow on behalf of CEMA coun-

tries. The extent to which the USSR has borrowed (if at all) from these CEMA banks is unknown.

⁵ Net change in Soviet assets held with Western commercial banks and in outstanding trade credits extended to finance Soviet exports.⁶ Including intra-CEMA hard currency trade and other hard currency payments.

Table 45

Million - US \$

USSR: Estimated Drawings and Scheduled Repayments on Western Credits ¹

	Estimated Drawings ²	Repayments ³	Interest ⁴	Amount Available to Offset Trade Deficit	Gross Debt Outstanding at End of Year
1970	450	159	83	208	1,515
1971	511	223	135	153	1,803
1972	878	276	170	432	2,405
1973	1,679	338	332	1,009	3,746
1974	1,910	484	508	918	5,172
1975	6,132	730	804	4,598	10,574
1976	5,331	1,057	1,012	3,262	14,848
1977	2,182	1,305	1,140	-263	15,725
1978	2,958	1,459	1,769	-270	17,224

¹ Totals for 1970-78 reflect recent revision of Soviet debt estimates.

² Drawings on credits backed by Western government guarantees and on commercial credits, which lack official guarantees.

³ Scheduled repayments on government-backed debt and known repayments on medium-term commercial debt.

⁴ Interest payments on government-backed debt and on gross commercial debt.

Table 46

Million Troy Ounces

USSR: Gold Production and Reserves

	Production	Reserves
1965	4.95	29.03
1966	5.30	33.31
1967	5.53	37.81
1968	5.85	42.57
1969	6.14	47.52
1970	6.40	52.66
1971	6.66	56.14
1972	7.17	55.59
1973	7.72	52.98
1974	7.97	54.78
1975	8.20	57.10
1976	8.39	52.79
1977	8.68	49.38
1978	8.84	44.66

Table 47

USSR: State Budget

Billion Rubles

70

Drop this table

	1965	1970	1973	1974	1975	1976	1977	1978		1979 Plan
								Plan	Actual	
Revenues	102.32	156.70	187.78	201.32	218.77	232.2	247.8	246.4	256.1	269.2
Social sector	93.89	142.86	170.87	183.03	199.09	211.3	225.7	223.4	233.1	244.9
Turnover tax	38.66	49.38	59.14	63.47	66.61	70.7	74.6	76.6	82.7	87.8
Payments from profits	30.87	54.16	60.03	64.43	69.71	70.6	78.4	78.6	77.5	81.1
Taxes on enterprises and organizations	1.54	1.23	1.51	1.47	1.46	1.5	1.6		1.6	
Social insurance receipts	5.56	8.20	9.75	10.41	11.06	12.2	13.0	68.2	13.0	75.9
Residual	17.26	29.89	40.44	43.25	50.25	56.3	58.1		58.3	
Private sector	8.43	13.84	16.91	18.29	19.68	20.9	22.1	22.9	23.0	24.3
State taxes on the population	7.70	12.74	15.83	17.12	18.36	19.6	20.8	21.6	21.6	22.8
State loans	0.18	0.47	0.38	0.44	0.56	0.6				
Local taxes and lottery revenue	0.55	0.63	0.70	0.73	0.76	0.7	1.3	1.3	1.4	1.5
Expenditures	101.62	154.60	183.98	197.38	214.52	226.7	242.8	246.1	255.7	268.9
Financing the national economy	44.92	74.55	91.33	99.68	110.70	118.5	129.8	125.7	136.0	144.4
Industry and construction	20.99	30.53	36.45	40.59	47.01	N.A.	N.A.	53.6	N.A.	61.4
Agriculture and procurement	6.77	12.37	15.45	17.45	19.08	N.A.	N.A.	20.3	N.A.	23.0
Transport and communication	2.83	3.11	3.59	4.14	4.96	N.A.	N.A.	6.3	N.A.	7.0
Trade	2.27	6.26	6.80	3.71	4.43	N.A.	N.A.	2.9	N.A.	1.0
Municipal economy and housing	4.23	6.46	7.42	8.18	8.80	N.A.	N.A.	10.2	N.A.	9.4
Other	7.83	15.82	21.62	25.61	26.42	N.A.	N.A.	32.4	N.A.	42.6
Social-Cultural measures	38.16	55.94	67.34	71.30	77.04	80.7	84.3	87.6	89.6	91.3
Education, science, and culture	17.51	24.77	29.81	31.57	32.79	33.8	N.A.	36.1	N.A.	37.9
Health and physical culture	6.67	9.28	10.50	10.97	11.47	11.8	N.A.	12.7	N.A.	13.6
Social welfare	13.98	21.89	27.03	28.76	32.78	35.1	N.A.	38.8	N.A.	39.7
Administration	1.28	1.66	1.85	1.92	2.01	2.1	2.2	2.1	2.3	2.3
Defense	12.78	17.85	17.85	17.65	17.43	17.4	17.2	17.2	17.2	17.2
Loan service	0.10	0.10	0.10	1.10	1.10	1.3	1.3	1.3	1.3	1.3
Residual	4.38	4.50	5.51	5.73	6.24	6.7	8.0	12.2	9.3	12.4
Budget surplus	0.70	2.10	3.80	3.94	4.25	5.5	5.0	0.2	0.4	0.3

Table 48

USSR: Economic Plans

	Production		Average Annual Rate of Growth ¹ (Percent)				
	1978 Actual	1979 Plan	1966-70 Actual	1971-75 Actual	1971-75 Plan	1979 Plan	1976-80 Plan
Fuels and power							
Electric power (billion kilowatt hours)	1,202	1,265	7.9	7.0	7.6	5.2	5.9
Total coal ² (million metric tons)	724	752	1.6	2.4	2.3	3.9	2.8
Crude oil ³ (million metric tons)	572	593	7.8	6.8	7.4	3.8	5.4
Natural gas (trillion cubic feet)	13.1	14.3	9.2	7.9	10.1	9.2	8.5
Metals							
Crude steel (million metric tons)	151	N.A.	4.9	4.0	4.1	N.A.	3.6
Pig iron (million metric tons)	111	N.A.	5.4	3.7	4.1	N.A.	3.4
Chemicals							
Mineral fertilizer ⁴ (Soviet statistical reporting units) (million metric tons)	98.0	111.0	12.1	10.2	10.2	13.3	9.7
Plastics and synthetic resins ⁵ (thousand metric tons)	3,500	3,800	15.8	11.2	10.8 ⁶	8.6	15.1
Manufacturing and construction							
Passenger automobiles (thousand units)	1,312	2,200	11.3	28.4	29.6	2.3	3.2
Trucks and buses (thousand units)	839						
Tractors (thousand units)	576	N.A.	5.3	3.7	4.6	N.A.	1.4
Television receivers (million units)	7.2	N.A.	12.8	0.8	0.2	N.A.	N.A.
Rubber tires (million units)	59.0	N.A.	5.5	8.3	8.2	N.A.	6.6
Cement (million metric tons)	127	130	5.6	5.1	5.1	2.4	3.4

¹ The base year is the year prior to the stated period.² Raw gross output.³ Including gas condensate.⁴ Including phosphate feeds and some materials used for technical purposes.⁵ Including resins used for the production of man-made fibers.
⁶ Revised plan. Original plan called for average annual increases of 16.1 percent.

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Foreign Trade

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Table 49

Selected Countries: ¹ Trade With
the World, by Commodity

Million US \$

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	1970	1971	1972	1973	1974	1975	1976	1977
Exports	225,247	251,814	299,044	410,136	545,706	581,673	645,777	730,183
Agricultural commodities	27,351	31,259	37,940	56,631	68,739	74,420	77,953	85,093
Wheat	2,984	3,231	3,857	7,034	10,520	11,718	9,702	8,020
Rice	571	501	554	847	1,275	1,232	1,027	1,178
Other cereals	4,094	4,775	5,765	10,175	12,868	13,705	15,450	14,688
Oil seeds and nuts	1,483	1,726	2,070	3,533	4,497	3,710	4,100	5,423
Meat, fish, and dairy products	7,990	9,434	11,715	16,623	16,199	18,861	20,760	23,755
Fruits and vegetables	3,569	3,855	4,801	6,338	7,008	8,060	8,939	10,118
Sugar and honey	854	1,018	1,547	1,968	3,006	3,707	3,582	3,539
Tea, coffee, and cocoa	703	787	888	1,241	1,639	1,716	2,144	3,582
Other beverages	1,943	2,312	2,907	3,831	3,931	4,341	4,681	5,458
Tobacco	1,362	1,429	1,753	1,985	2,517	2,721	3,007	3,448
Other food preparations	1,798	2,193	2,084	3,056	5,279	4,648	4,562	5,885
Raw materials	17,503	17,157	20,437	30,866	37,524	33,868	40,191	42,847
Wood, lumber, and cork	4,942	4,921	5,857	8,634	11,302	9,750	11,952	12,593
Cotton	529	753	674	1,213	1,618	1,211	1,321	1,817
Textile fibers	2,984	2,768	3,934	6,891	6,266	5,164	6,552	6,418
Ores and metal scrap	5,063	4,518	4,767	7,259	10,186	9,446	10,463	10,310
Other materials	3,985	4,197	5,205	6,868	8,152	8,297	9,903	11,708
Fuels	7,854	9,116	10,609	15,048	27,535	30,720	33,566	37,593
Coal and coke	2,495	2,532	2,873	3,594	6,480	8,190	8,483	8,564
Crude petroleum	798	1,114	1,511	2,142	3,857	3,887	3,937	4,891
Refined petroleum	3,721	4,458	4,846	7,632	14,451	14,500	15,823	17,668
Gas and electricity	829	1,006	1,342	1,640	2,748	4,143	5,319	6,470
Chemicals	19,466	21,564	25,685	35,799	56,636	53,263	60,791	68,788
Semifinished goods	50,956	54,704	63,668	88,232	125,276	121,272	129,824	146,520
Wood manufactures	1,174	1,327	1,712	2,503	2,827	2,777	3,418	3,996
Paper	5,078	5,485	6,346	8,252	12,782	11,606	12,998	14,222
Textile fabric and yarn	9,721	11,285	13,076	17,461	21,242	20,021	22,341	24,874
Iron and steel	14,095	14,785	16,703	24,252	41,052	39,745	37,689	39,374
Nonferrous metals	7,714	6,684	7,653	11,059	15,959	12,253	14,014	16,069
Metal manufactures ²	5,820	6,540	7,504	9,914	13,726	15,810	17,215	20,564
Diamonds	1,564	1,983	2,535	4,040	3,939	3,985	5,334	7,415
Other semifinished products	5,790	6,616	8,140	10,752	13,749	15,076	16,815	20,006

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Machinery	43,099	48,174	56,572	74,917	98,039	116,033	127,172	144,032
Agricultural machinery	2,186	2,194	2,768	3,821	5,363	7,242	7,380	7,700
Industrial machinery	23,416	26,605	30,644	40,047	52,579	64,225	67,522	75,927
Office machines and computers	4,149	4,544	5,298	6,873	8,232	8,511	9,633	11,227
Electrical machinery and apparatus	13,348	14,832	17,862	24,176	31,865	36,055	42,638	49,178
Transportation equipment	33,110	40,365	48,872	63,344	76,139	90,426	105,797	121,369
Motor vehicles	14,035	17,748	20,561	26,064	30,520	37,385	45,441	53,960
Motor vehicle parts	9,095	10,571	12,696	16,276	19,547	22,996	26,948	31,300
Aircraft	4,641	5,384	5,819	7,445	9,205	10,340	11,383	11,553
Other transportation equipment	5,339	6,662	9,794	13,559	16,868	19,705	22,025	24,557
Miscellaneous manufactured goods	21,477	24,651	30,310	38,950	47,158	51,104	59,790	71,042
Clothing	4,012	4,621	5,725	7,014	8,182	9,090	10,152	11,944
Footwear	1,444	1,705	2,050	2,289	2,734	3,209	3,506	4,172
Scientific instruments	5,305	5,974	7,170	9,457	11,955	13,102	15,012	18,089
Televisions, radios, and phonographs	3,429	3,903	4,984	6,419	7,586	7,824	10,171	11,580
Other manufactured goods	7,276	8,435	10,362	13,751	16,676	17,854	20,905	25,226
Other	4,394	4,783	4,886	6,201	8,590	10,396	10,559	12,774
Imports	232,440	257,554	305,859	421,204	596,614	598,912	690,142	781,869
Agricultural commodities	36,083	39,593	46,777	65,326	78,585	83,198	89,040	104,314
Wheat	1,348	1,348	1,458	2,331	3,576	3,552	3,125	2,708
Rice	127	144	159	276	461	407	473	553
Other cereals	4,973	5,551	5,812	9,827	12,542	12,417	13,676	14,416
Oil seeds and nuts	2,086	2,369	2,609	4,036	5,701	5,315	5,185	6,518
Meat, fish, and dairy products	9,560	11,000	14,545	19,853	18,909	20,939	24,091	26,191
Fruits and vegetables	5,946	6,485	7,729	9,989	10,940	12,182	13,729	15,960
Sugar and honey	2,085	2,280	2,799	3,272	6,852	8,465	5,102	4,630
Tea, coffee, and cocoa	4,840	4,731	5,101	6,728	7,865	8,199	11,991	19,818
Other beverages	1,882	2,076	2,579	3,597	3,618	3,947	4,108	4,667
Tobacco	1,297	1,409	1,710	2,099	2,393	2,945	3,098	3,280
Other food preparations	1,939	2,200	2,275	3,317	5,727	4,831	4,460	5,573
Raw materials	26,285	25,424	29,085	43,507	54,466	47,057	55,517	58,638
Wood, lumber, and cork	7,298	7,232	8,598	13,721	16,606	13,219	16,907	18,152
Cotton	1,449	1,545	1,832	2,381	3,037	2,487	3,009	3,428
Textile fibers	2,866	2,623	3,629	5,894	5,232	4,303	5,632	5,494
Ores and metal scrap	8,442	7,643	7,749	11,537	16,567	14,705	15,896	15,697
Other materials	6,230	6,381	7,277	9,974	13,024	12,343	14,073	15,868
Fuels	23,752	29,652	33,944	49,397	129,413	131,994	153,234	170,590
Coal and coke	2,908	3,086	3,242	3,897	7,520	9,427	8,994	9,109
Crude petroleum	14,467	18,929	22,372	32,319	93,476	94,306	110,725	122,907
Refined petroleum	5,428	6,527	6,876	11,316	24,498	22,251	26,102	29,039
Gas and electricity	824	986	1,320	1,667	3,386	5,498	7,413	9,535
Chemicals	15,748	17,241	20,652	28,547	43,575	39,501	47,615	53,633

Table 49 (continued)

Million US \$

Selected Countries: ¹ Trade With
the World, by Commodity

	1970	1971	1972	1973	1974	1975	1976	1977
Semifinished goods	47,915	49,758	59,401	82,361	108,546	97,118	111,240	125,461
Wood manufactures	1,473	1,687	2,283	3,552	3,668	3,377	4,174	4,791
Paper	4,238	4,640	5,487	7,227	10,780	9,537	11,186	12,214
Textile fabric and yarn	8,448	9,861	11,820	16,341	19,141	17,504	20,515	22,284
Iron and steel	11,254	11,299	13,014	17,494	26,138	23,543	24,522	26,122
Nonferrous metals	10,533	8,667	9,863	14,434	20,974	14,606	17,585	19,727
Metal manufactures ²	4,504	5,032	5,957	8,024	10,541	10,890	12,018	14,009
Diamonds	2,211	2,613	3,400	5,038	5,042	5,125	6,565	9,333
Other semifinished products	5,255	5,959	7,577	10,229	12,263	12,536	14,675	16,981
Machinery	32,442	35,676	42,088	56,399	70,919	75,967	83,402	94,167
Agricultural machinery	1,487	1,511	2,041	2,901	3,953	4,795	5,246	5,920
Industrial machinery	16,532	18,425	21,119	27,289	33,867	36,495	38,039	42,296
Office machines and computers	4,028	4,401	5,082	6,567	8,086	8,504	9,569	11,034
Electrical machinery and apparatus	10,395	11,339	13,845	19,642	25,013	26,172	30,549	34,917
Transportation equipment	25,594	31,365	37,748	48,441	53,526	60,771	74,994	88,759
Motor vehicles	11,097	14,332	17,343	21,223	23,077	26,441	33,894	40,802
Motor vehicle parts	7,700	9,031	11,263	14,691	16,491	18,922	23,952	28,054
Aircraft	3,571	3,839	4,206	5,920	6,381	6,586	6,161	6,883
Other transportation equipment	3,227	4,163	4,936	6,607	7,576	8,822	10,987	13,021
Miscellaneous manufactured goods	21,270	24,680	31,915	42,531	51,799	55,515	67,260	78,328
Clothing	4,914	5,985	7,900	10,569	12,939	14,460	17,919	20,248
Footwear	1,500	1,868	2,300	2,841	3,505	3,973	4,843	5,728
Scientific instruments	4,268	4,748	5,786	7,819	9,596	10,588	12,380	14,506
Televisions, radios, and phonographs	3,046	3,570	4,872	6,428	7,546	7,895	10,061	11,336
Other manufactured goods	7,544	8,507	11,057	14,874	18,212	18,599	22,039	26,511
Other	3,342	4,162	4,246	4,661	5,781	7,786	7,836	7,967

¹ Data are not comparable with those presented in the previous edition of the *Handbook* because of an increase in the number of reporting countries presented in the United Nations *Commodity Statistics*. The countries include the United States, Canada, Japan, West Germany, France, the United Kingdom, the Netherlands,

Belgium-Luxembourg, Italy, Denmark, Ireland, Sweden, Switzerland, Austria, Norway, Finland, Spain, Hong Kong, Singapore, South Korea, Brazil, Australia, Greece, and Portugal.

² Not elsewhere specified.

Million US \$

Table 50

Exports by Selected Non-Communist Countries ¹

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
OECD	83,796	126,331	221,676	248,482	295,624	404,220	538,414	573,805	638,913	724,654	868,286
United States ²	19,651	26,751	42,659	43,549	49,199	70,823	97,908	107,130	114,800	121,150	143,570
Australia	2,050	3,005	4,771	5,212	6,462	9,559	11,025	11,943	13,155	13,352	14,382
Canada	5,834	8,471	16,747	18,370	21,165	26,435	34,511	34,112	40,515	43,373	47,938
Japan	4,055	8,452	19,318	24,087	29,095	37,081	55,554	55,817	67,305	81,126	98,415
Spain	725	935	2,388	2,962	3,817	5,199	7,091	7,691	8,730	10,223	13,115
Sweden	2,565	3,971	6,795	7,478	8,769	12,201	15,939	17,384	18,435	19,082	21,807
Switzerland	1,859	2,941	5,063	5,738	6,842	9,525	11,934	12,953	14,835	17,614	23,561
European Community	42,286	64,830	112,764	129,062	155,152	212,027	276,895	298,435	328,812	382,294	462,237
Belgium-Luxembourg	3,792	6,394	11,600	12,726	16,152	22,484	28,328	28,802	32,890	37,539	44,963
Denmark	1,494	2,320	3,356	3,688	4,432	6,248	7,719	8,712	9,115	10,065	11,883
France	6,867	10,176	18,098	20,811	26,451	36,659	46,255	53,118	57,162	64,997	79,378
Ireland	426	619	1,120	1,313	1,611	2,132	2,654	3,192	3,312	4,395	5,649
Italy	3,654	7,200	13,206	15,116	18,607	22,224	30,469	34,815	37,261	45,302	56,067
Netherlands	4,028	6,398	11,774	13,963	16,791	24,055	32,821	35,097	40,214	43,700	50,139
United Kingdom	10,609	13,810	19,382	22,383	24,377	30,659	39,396	44,523	46,696	58,205	71,705
West Germany	11,416	17,913	34,228	39,062	46,731	67,566	89,253	90,176	102,162	118,091	142,453
Other Countries											
Algeria	394	637	1,009	857	1,306	1,896	4,598	4,690	5,332	5,810	5,855
Argentina	1,079	1,493	1,773	1,740	1,941	3,266	3,931	2,961	3,916	5,652	N.A.
Brazil	1,268	1,596	2,739	2,904	3,991	6,199	7,951	8,670	10,128	12,120	12,650
Chile	488	637	1,249	962	855	1,231	2,481	1,661	2,083	2,190	2,408
Colombia	465	539	736	690	866	1,191	1,417	1,465	1,745	2,433	2,956
Egypt	568	605	762	789	825	1,125	1,516	1,402	1,522	1,708	1,737
Hong Kong	689	1,143	2,514	2,875	3,448	5,070	5,959	6,019	8,526	9,704	11,208
India	1,332	1,687	2,026	2,034	2,452	2,917	3,926	4,355	5,549	6,360	6,415
Indonesia	841	762	1,152	1,247	1,534	3,061	7,426	7,102	8,547	10,853	11,643
Iran	844	1,305	2,624	3,825	4,040	6,205	21,575	20,211	23,502	24,246	22,722
Iraq	467	710	847	1,139	1,108	1,955	6,600	8,297	9,272	9,664	11,009
Israel	217	430	779	958	1,147	1,459	1,906	1,941	2,415	3,084	3,921
Kuwait	962	1,284	1,693	2,272	2,557	3,321	9,854	8,644	9,844	9,801	10,543
Libya	11	1,006	2,833	2,848	2,425	3,454	7,129	6,042	8,306	9,761	9,503
Malaysia	1,186	1,236	1,686	1,644	1,722	3,046	4,235	3,831	5,295	6,088	7,414
Mexico	765	1,120	1,403	1,507	1,699	2,261	2,988	2,904	3,418	4,167	5,692
Nigeria	475	752	1,240	1,816	2,180	3,466	9,699	7,776	10,085	11,780	10,399
Pakistan	394	528	724	666	679	958	1,113	1,049	1,163	1,171	1,488

Table 50 (continued)

Million US \$

Exports by Selected Non-Communist Countries ¹

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Other Countries (continued)											
Peru	435	667	1,048	893	944	1,049	1,520	1,295	1,243	1,564	N.A.
Philippines	623	697	1,013	1,096	1,096	1,824	2,730	2,263	2,513	3,094	3,333
Saudi Arabia	891	1,396	2,358	3,447	4,516	7,693	31,200	27,996	36,437	41,210	37,935
Singapore	1,136	981	1,554	1,763	2,191	3,667	5,810	5,376	6,585	8,241	10,134
South Africa ³	1,995	2,585	3,355	3,509	4,197	6,114	8,760	8,959	7,976	9,987	12,825
South Korea	33	175	835	1,068	1,624	3,225	4,460	5,081	7,715	10,047	12,711
Taiwan	164	450	1,428	1,998	2,914	4,375	5,517	5,301	8,155	9,349	12,682
Thailand	411	622	710	831	1,081	1,564	2,444	2,208	2,980	3,490	4,083
Venezuela	2,305	2,428	2,599	3,086	3,126	4,891	10,834	8,800	9,299	9,548	9,126
Zaire	480	306	796	687	692	1,004	1,295	865	904	988	N.A.
Zambia	577	533	1,001	679	758	1,147	1,407	810	1,040	898	N.A.

¹ Exports are f.o.b.² Excluding Department of Defense shipments.³ Including data for Botswana, Lesotho, Swaziland, and Namibia.

Table 51

Million US \$

Imports by Selected Non-Communist Countries¹

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
OECD	87,224	133,979	231,139	257,357	306,680	421,725	600,431	601,943	693,827	787,221	907,688
United States	16,367	23,185	42,429	48,342	58,862	73,575	107,996	103,389	129,565	157,560	183,137
Australia	2,662	3,763	5,055	5,224	5,136	7,685	12,397	11,145	12,463	13,643	15,721
Canada	6,163	8,687	14,255	16,538	20,020	24,743	34,418	36,326	40,302	42,053	46,152
Japan	4,491	8,169	18,881	19,722	23,868	38,449	62,108	57,853	64,895	71,328	79,900
Spain	722	3,040	4,747	5,006	6,829	9,671	15,427	16,264	17,474	17,835	18,713
Sweden	2,901	4,377	7,007	7,082	8,110	10,628	16,457	17,450	19,628	20,140	20,534
Switzerland	2,206	3,642	6,374	7,191	8,468	11,621	14,445	13,303	14,775	17,940	23,804
European Community	45,161	69,339	116,613	130,477	154,725	216,418	295,907	301,947	345,566	390,174	462,815
Belgium-Luxembourg	3,970	6,502	11,412	12,900	15,490	22,074	29,875	30,779	35,546	40,408	48,497
Denmark	1,805	2,823	4,407	4,615	5,088	7,802	9,927	10,368	12,427	13,265	14,807
France	6,282	10,384	19,132	21,336	27,001	37,727	52,914	53,964	64,391	70,497	81,795
Ireland	634	1,041	1,624	1,836	2,102	2,791	3,812	3,778	4,185	5,377	7,087
Italy	4,733	7,378	14,969	15,980	19,318	27,796	41,090	38,365	43,432	48,091	56,467
Netherlands	4,531	7,471	13,426	15,408	17,521	24,493	33,691	35,604	40,559	46,510	53,822
United Kingdom	13,034	16,128	21,696	23,924	27,831	38,842	55,018	54,159	56,605	64,551	78,586
West Germany	10,172	17,612	29,947	34,478	40,374	54,893	69,580	74,930	88,421	101,475	121,754
Other Countries											
Algeria	1,264	672	1,257	1,227	1,493	2,242	4,257	6,008	5,336	7,125	7,867
Argentina	1,249	1,199	1,694	1,868	1,905	2,230	3,635	3,947	3,033	4,162	N.A.
Brazil	1,462	1,096	2,849	3,701	4,783	6,999	14,168	13,592	13,726	13,257	15,006
Chile	526	604	941	980	933	1,098	1,911	1,535	1,776	2,414	3,002
Colombia	519	454	843	929	859	1,062	1,597	1,495	1,702	2,028	2,928
Egypt	668	879	787	904	877	908	2,351	3,934	3,807	4,816	6,727
Hong Kong	1,026	1,569	2,905	3,391	3,869	5,661	6,768	6,767	8,882	10,541	13,109
India	2,303	2,838	2,405	2,420	2,242	3,210	5,136	6,254	5,665	6,404	7,404
Indonesia	574	695	1,002	1,103	1,562	2,729	3,842	4,770	5,673	6,230	6,690
Iran	560	859	1,662	1,873	2,409	3,393	5,433	10,343	12,894	13,750	18,733
Iraq	389	455	508	702	705	894	2,371	4,215	3,470	4,052	N.A.
Israel	551	838	2,086	2,388	2,477	4,240	5,453	5,997	5,667	5,787	N.A.
Kuwait	242	377	625	652	797	1,052	1,552	2,390	3,324	4,840	4,613
Libya	169	320	555	707	1,043	1,813	2,762	3,542	3,212	3,782	5,886
Malaysia	910	1,097	1,418	1,453	1,665	2,508	4,144	3,554	3,828	4,633	5,918
Mexico	1,187	1,560	2,461	2,407	2,719	3,814	6,057	6,571	6,028	5,489	7,108
Nigeria	604	770	1,059	1,515	1,505	1,865	2,776	6,041	8,213	11,095	11,874
Pakistan	654	1,047	1,151	917	666	978	1,732	2,151	2,128	2,447	3,323

Table 51 (continued)

Million US \$

Imports by Selected Non-Communist Countries ¹

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Other Countries (continued)											
Peru	377	719	606	739	791	1,019	1,531	2,551	2,035	1,911	N.A.
Philippines	714	893	1,199	1,323	1,413	1,798	3,469	3,742	3,938	4,267	5,167
Saudi Arabia	234	506	711	818	1,136	1,977	2,860	4,214	8,695	14,656	24,148
Singapore	1,332	1,244	2,461	2,843	3,398	5,147	8,380	8,133	9,070	10,471	13,049
South Africa ²	1,629	2,563	3,843	4,364	3,948	5,163	7,856	8,293	7,285	6,270	7,614
South Korea	344	463	1,984	2,394	2,522	4,240	6,852	7,274	8,774	10,811	14,972
Taiwan	297	558	1,528	1,849	2,518	3,792	6,984	5,960	7,609	8,522	11,051
Thailand	447	742	1,299	1,288	1,484	2,049	3,143	3,280	3,572	4,616	5,364
Venezuela	1,289	1,518	1,965	2,279	2,411	2,810	4,191	6,031	7,474	10,353	9,957
Zaire	235	292	536	619	625	754	1,051	905	668	609	N.A.
Zambia	495	341	559	652	677	663	985	1,138	798	828	N.A.

¹ Imports are c.i.f.² Including data for Botswana, Lesotho, Swaziland, and Namibia.

Million US \$

Table 52

Trade Balance of Selected Non-Communist Countries

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
OECD	-3,428	-7,648	-9,463	-8,875	-11,056	-17,505	-62,017	-28,138	-54,914	-62,567	-39,402
United States	3,284	3,566	230	-4,793	-9,663	-2,752	-10,088	3,741	-14,765	-36,410	-39,567
Australia	-612	-758	-284	-12	1,326	1,874	-1,372	798	692	-291	-1,339
Canada	-329	-216	2,492	1,832	1,145	1,692	93	-2,214	213	1,320	1,786
Japan	-436	283	437	4,365	5,227	-1,368	-6,554	-2,036	2,410	9,798	18,515
Spain	3	-2,105	-2,359	-2,044	-3,012	-4,472	-8,336	-8,573	-8,744	-7,612	-5,598
Sweden	-336	-406	-212	396	659	1,573	-518	-66	-1,193	-1,058	1,273
Switzerland	-347	-701	-1,311	-1,453	-1,626	-2,096	-2,511	-350	60	-326	-243
European Community	-2,875	-4,509	-3,849	-1,415	427	-4,391	-19,012	-3,512	-16,754	-7,880	-578
Belgium-Luxembourg	-178	-108	188	-174	662	410	-1,547	-1,977	-2,656	-2,869	-3,534
Denmark	-311	-503	-1,051	-927	-656	-1,554	-2,208	-1,656	-3,312	-3,200	-2,924
France	585	-208	-1,034	-525	-550	-1,068	-6,659	-846	-7,229	-5,500	-2,417
Ireland	-208	-422	-504	-523	-491	-659	-1,158	-586	-873	-982	-1,438
Italy	-1,079	-178	-1,763	-864	-711	-5,572	-10,621	-3,550	-6,171	-2,789	-400
Netherlands	-503	-1,073	-1,652	-1,445	-730	-438	-870	-507	-345	-2,810	-3,683
United Kingdom	-2,425	-2,318	-2,314	-1,541	-3,454	-8,183	-15,622	-9,636	-9,909	-6,346	-6,881
West Germany	1,244	301	4,281	4,584	6,357	12,673	19,673	15,246	13,741	16,616	20,699
Other Countries	-870	-35	-248	-370	-187	-346	341	-1,318	-4	-1,315	-2,012
Algeria	-170	294	79	-128	36	1,036	296	-986	883	1,490	N.A.
Argentina	-194	500	-110	-797	-792	-800	-6,217	-4,922	-3,598	-1,137	-2,356
Brazil	-38	33	308	-18	-78	133	570	126	307	-224	-594
Chile	-54	85	-107	-239	7	129	-180	-30	43	405	28
Colombia	-100	-274	-25	-115	-52	217	-835	-2,532	-2,285	-3,108	-4,990
Egypt	-337	-426	-391	-516	-421	-591	-809	-748	-356	-837	-1,901
Hong Kong	-971	-1,151	-379	-386	210	-293	-1,210	-1,899	-116	-44	-989
India	267	67	150	144	-28	332	3,584	2,332	2,874	4,623	4,953
Indonesia	284	446	962	1,952	1,631	2,812	16,142	9,868	10,608	10,496	3,989
Iran	78	255	339	437	403	1,061	4,229	4,082	5,802	5,612	N.A.
Iraq	-334	-408	-1,307	-1,430	-1,330	-2,781	-3,547	-4,056	-3,252	-2,703	N.A.
Israel	720	907	1,068	1,620	1,760	2,269	8,302	6,254	6,510	4,961	5,930
Kuwait	-158	686	2,278	2,141	1,382	1,641	4,367	2,500	5,094	5,979	3,617
Libya	276	139	268	191	57	538	91	277	1,467	1,455	1,496
Malaysia	-422	-440	-1,058	-900	-1,020	-1,553	-3,069	-3,677	-2,610	-1,322	-1,416
Mexico	-129	-18	181	301	675	1,601	6,923	1,735	1,872	685	-1,475
Nigeria	-260	-519	-427	-251	13	-20	-619	-1,102	-965	-1,276	-1,835
Pakistan											

Table 52 (continued)

Million US \$

Trade Balance of Selected Non-Communist Countries

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Other Countries (continued)											
Peru	58	-52	442	154	153	30	-11	-1,256	-792	-347	N.A.
Philippines	-91	-196	-186	-227	-317	26	-739	-1,479	-1,425	-1,173	-1,834
Saudi Arabia	657	890	1,647	2,629	3,380	5,716	28,340	23,782	27,742	26,554	13,787
Singapore	-196	-263	-907	-1,080	-1,207	-1,480	-2,570	-2,757	-2,485	-2,230	-2,915
South Africa ¹	366	22	-488	-855	249	951	904	666	691	3,717	5,211
South Korea	-311	-288	-1,149	-1,326	-898	-1,015	-2,392	-2,193	-1,059	-764	-2,261
Taiwan	-133	-108	-100	149	396	583	-1,467	-659	546	827	1,631
Thailand	-36	-120	-589	-457	-403	-485	-699	-1,072	-592	126	-1,281
Venezuela	1,016	910	634	807	715	2,081	6,643	2,769	1,825	-805	-831
Zaire	245	14	260	68	67	250	244	-40	236	379	N.A.
Zambia	82	192	442	27	81	484	422	-328	242	70	N.A.

¹ Including data for Botswana, Lesotho, Swaziland, and Namibia.

Million US \$

Table 53

Big Seven: Direction of Trade ¹

	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												
1973	71,347	35,119	11,122	3,623	2,960	18,523	73,608	42,495	8,332	4,861	634	17,286
1974	98,524	45,865	15,686	6,725	3,113	27,135	108,012	53,514	10,179	16,776	1,090	26,453
1975	107,655	46,941	16,247	10,768	3,376	30,323	103,417	49,807	8,832	18,699	984	25,095
1976	115,006	51,299	17,675	12,568	3,639	29,825	129,566	60,387	9,752	27,168	1,161	31,098
1977	120,971	54,471	18,791	14,020	2,717	30,974	157,084	70,349	11,079	35,827	1,315	38,516
1978	143,660	62,864	21,214	16,654	4,505	38,424	183,137	87,405	14,634	32,970	1,979	46,150
Japan												
1973	37,007	13,884	4,699	2,733	2,172	13,522	38,323	14,009	5,254	6,985	2,502	9,575
1974	55,513	18,698	6,849	5,439	4,245	20,281	62,064	18,741	6,209	19,963	3,617	13,533
1975	55,728	16,559	6,067	8,416	5,166	19,523	57,847	16,932	6,081	19,402	3,364	12,069
1976	67,319	22,610	8,588	9,274	4,942	21,906	64,891	17,584	7,776	21,885	2,913	14,735
1977	81,124	28,035	9,718	12,027	5,334	26,009	71,325	18,877	7,923	24,325	3,412	16,788
1978	98,413	34,900	10,431	14,244	6,929	31,909	79,900	22,961	9,284	24,671	4,004	18,982
West Germany												
1973	69,879	24,941	28,606	2,277	6,421	7,634	56,941	20,958	21,189	3,951	4,541	6,302
1974	92,061	30,730	36,422	4,069	9,137	11,703	72,121	23,853	25,485	9,201	5,795	7,787
1975	93,293	28,332	36,444	6,783	10,399	11,335	77,634	27,088	27,782	8,236	6,226	8,302
1976	105,334	33,438	41,864	8,249	10,427	11,356	91,228	31,281	32,636	9,727	7,472	10,112
1977	121,771	39,005	48,004	10,777	11,064	12,920	104,829	36,391	37,372	10,119	8,332	12,614
1978	144,659	48,446	56,858	12,253	11,267	15,834	123,805	45,039	46,372	9,684	8,312	14,400
France												
1973	36,538	15,962	11,511	1,845	1,534	5,686	37,501	17,633	10,750	3,803	1,248	4,069
1974	46,384	19,363	14,895	3,019	1,992	7,115	52,897	22,060	13,612	10,113	1,678	5,432
1975	52,875	20,004	15,501	4,897	3,130	9,342	53,988	23,040	14,332	9,435	1,989	5,191
1976	57,054	22,489	16,153	5,080	3,232	10,100	64,384	27,812	16,930	11,360	2,240	6,044
1977	65,005	25,898	18,182	5,963	2,991	11,972	70,491	30,279	18,242	11,814	2,461	7,693
1978	78,787	32,738	21,702	6,500	3,290	14,555	81,788	36,564	22,129	11,887	2,808	8,402
United Kingdom												
1973	30,521	9,952	12,019	1,761	1,053	5,736	38,850	13,813	13,870	3,535	1,502	6,130
1974	38,561	11,736	15,628	2,553	1,266	7,377	54,125	18,198	18,069	8,702	1,798	7,358
1975	44,033	12,546	16,591	4,546	1,559	8,788	53,350	18,470	18,515	6,914	1,676	7,774
1976	46,118	14,027	17,535	5,130	1,390	8,036	55,563	19,656	18,811	7,290	2,081	7,723
1977	58,040	17,289	22,202	6,774	1,633	10,142	64,064	24,034	21,378	6,324	2,421	9,910
1978	71,694	22,115	26,823	8,438	2,111	12,207	78,606	31,305	28,219	6,377	2,556	10,151

Table 53 (continued)

Million US \$

84

Big Seven: Direction of Trade ¹

	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
Italy												
1973	22,220	11,561	5,456	1,212	1,102	2,893	27,810	13,794	5,534	3,408	1,631	3,443
1974	30,226	13,891	7,425	2,231	1,842	4,839	40,895	17,968	6,834	9,381	2,049	4,665
1975	34,840	15,610	7,860	3,717	2,463	5,189	38,392	17,324	6,747	7,846	2,088	4,389
1976	36,972	17,406	8,688	4,233	2,184	4,459	43,430	19,352	8,043	8,120	2,650	5,265
1977	45,045	20,913	10,196	5,842	2,456	5,639	47,566	20,800	8,657	9,030	2,797	6,282
1978	56,061	27,012	12,260	7,027	2,737	7,027	56,454	25,349	10,699	10,004	3,199	7,203
Canada												
1973	26,423	21,461	1,382	264	766	2,549	26,408	21,675	1,289	1,029	221	2,198
1974	34,510	27,130	1,925	530	810	4,116	36,734	28,326	1,737	2,830	358	3,482
1975	33,841	26,300	1,725	712	1,198	3,907	38,592	29,782	1,703	3,430	325	3,353
1976	40,176	32,015	2,032	813	1,253	4,063	43,046	33,549	1,821	3,485	379	3,815
1977	43,198	34,830	2,193	1,175	1,079	3,922	44,812	35,754	1,788	3,057	337	3,879
1978	47,353	38,247	2,024	1,082	1,410	4,590	49,177	39,805	1,954	2,894	370	4,155

¹ Data are from the International Monetary Fund, *Direction of Trade*.

Million US \$

Table 54

Big Seven: Foreign Trade,¹ by Month

	Big Seven	United States	Japan	West Germany	France	United Kingdom	Italy	Canada
Exports, f.o.b.								
1974 Jan	27,815.7	7,150.2	3,515.0	6,735.7	3,456.4	2,366.3	2,131.9	2,460.1
Feb	28,634.1	7,548.9	3,719.0	6,511.8	3,432.1	2,668.6	2,242.0	2,511.8
Mar	30,313.3	7,625.4	3,936.0	7,021.4	3,670.5	2,954.2	2,351.7	2,754.1
Apr	31,956.7	8,107.8	4,168.0	7,713.6	3,742.4	3,094.9	2,536.5	2,593.6
May	32,565.3	7,652.4	4,754.0	8,139.0	3,776.7	3,174.4	2,257.9	2,810.8
Jun	31,997.9	8,316.9	4,660.0	6,795.2	3,963.1	3,310.2	2,238.3	2,714.3
Jul	34,239.1	8,306.9	4,787.0	8,081.4	4,021.0	3,259.6	2,967.7	2,815.6
Aug	33,861.1	8,379.3	4,922.0	7,667.6	4,085.4	3,307.9	2,588.7	2,910.2
Sep	33,210.0	8,399.3	4,560.0	7,282.4	4,060.2	3,351.3	2,667.4	2,889.5
Oct	34,051.5	8,672.8	5,083.0	7,592.7	3,863.1	3,236.8	2,713.0	2,890.1
Nov	34,724.7	8,972.9	5,102.0	7,786.8	4,249.8	3,159.1	2,616.2	2,837.9
Dec	34,644.9	8,862.1	4,880.0	7,742.8	4,300.1	3,353.1	2,797.6	2,709.2
1975 Jan	36,098.5	9,373.4	5,015.0	7,982.6	4,400.4	3,564.8	2,900.1	2,862.2
Feb	35,483.3	8,754.6	4,831.0	7,957.6	4,673.0	3,545.0	3,004.4	2,717.6
Mar	34,098.5	8,685.2	4,669.0	7,012.6	4,603.2	3,727.8	2,839.7	2,561.0
Apr	34,919.0	8,647.6	4,681.0	8,323.6	4,557.1	3,268.5	2,824.9	2,616.2
May	33,128.5	8,221.5	4,446.0	7,199.3	4,389.3	3,740.6	2,561.3	2,570.5
Jun	34,879.0	8,715.5	4,403.0	8,033.3	4,689.4	3,398.7	2,928.4	2,710.7
Jul	34,646.9	8,871.0	4,375.0	7,817.6	4,642.4	3,421.4	2,907.8	2,611.8
Aug	32,922.1	8,979.9	4,385.0	6,625.3	4,315.9	3,139.9	2,951.8	2,524.4
Sep	33,767.8	9,104.2	4,331.0	7,176.8	4,140.2	3,298.6	2,965.0	2,751.9
Oct	34,458.3	9,225.7	4,547.0	7,362.4	4,118.9	3,554.6	2,933.6	2,716.1
Nov	34,667.2	9,408.9	4,443.0	7,338.1	4,373.7	3,356.6	3,002.6	2,744.4
Dec	35,211.2	9,249.9	4,793.0	7,343.5	4,345.1	3,558.0	3,037.6	2,884.2
1976 Jan	35,802.4	9,097.2	4,863.0	7,723.0	4,468.3	3,593.6	3,056.2	3,001.2
Feb	35,991.8	8,917.7	5,057.0	7,895.6	4,694.2	3,551.0	2,752.6	3,123.7
Mar	36,964.4	9,020.4	5,598.0	8,263.7	4,511.7	3,688.5	2,873.3	3,008.7
Apr	36,916.9	9,369.3	5,207.0	8,266.8	4,683.4	3,551.9	2,743.8	3,094.7
May	37,595.9	9,562.8	5,441.0	8,167.0	4,680.8	3,636.5	2,978.3	3,129.6
Jun	37,836.4	9,722.2	5,457.0	8,054.4	4,775.8	3,634.2	2,776.6	3,416.2
Jul	38,606.6	9,956.2	5,400.0	8,423.6	4,750.3	3,622.7	3,234.3	3,219.5
Aug	38,501.7	9,737.0	5,413.0	8,405.6	4,617.8	3,836.4	3,056.4	3,435.5
Sep	40,287.6	9,788.4	5,790.0	9,275.5	4,842.3	3,841.7	3,288.1	3,461.5
Oct	39,321.1	9,698.6	5,670.0	8,795.8	4,868.0	3,782.0	3,301.9	3,204.8

Table 54 (continued)

Million US \$

86

Big Seven: Foreign Trade,¹ by Month

	Big Seven	United States	Japan	West Germany	France	United Kingdom	Italy	Canada
Exports, f.o.b. (continued)								
Nov	39,767.0	9,593.6	5,761.0	9,163.0	4,872.3	3,796.2	3,474.5	3,106.4
Dec	41,549.2	10,397.1	5,955.0	9,483.8	5,003.7	4,105.2	3,356.3	3,248.2
1977 Jan	41,234.1	9,664.4	6,307.0	9,050.9	5,082.5	4,264.5	3,523.5	3,341.2
Feb	41,736.0	9,896.5	6,392.0	9,267.5	5,096.4	4,184.4	3,479.5	3,419.6
Mar	43,449.3	10,164.1	6,426.0	9,901.2	5,268.0	4,299.7	3,606.7	3,783.7
Apr	42,596.3	9,953.2	6,536.0	9,230.6	5,116.7	4,554.1	3,606.9	3,598.8
May	42,942.3	10,488.9	6,336.0	9,576.5	5,188.3	4,488.7	3,572.5	3,291.4
Jun	43,774.6	10,090.3	6,485.0	9,902.4	5,340.6	4,791.5	3,801.1	3,363.6
Jul	43,797.4	10,384.6	6,675.0	9,461.1	5,387.9	4,705.9	3,595.7	3,587.2
Aug	44,312.4	9,674.0	6,663.0	9,966.6	5,512.3	4,960.7	3,959.7	3,576.1
Sep	45,262.3	11,036.5	6,695.0	9,884.2	5,652.8	5,048.6	3,647.9	3,297.2
Oct	44,067.9	9,374.8	6,709.0	10,174.9	5,795.6	4,879.1	3,523.1	3,611.4
Nov	44,629.0	9,475.0	7,042.0	10,425.8	5,775.9	4,853.9	4,014.3	3,042.0
Dec	48,398.6	11,007.0	6,957.0	10,969.1	5,917.6	5,153.6	4,842.6	3,551.6
1978 Jan	46,751.9	10,014.3	7,540.0	11,016.0	5,690.1	5,076.3	3,839.5	3,575.7
Feb	48,392.6	9,922.4	7,884.0	10,979.5	5,933.6	5,797.6	4,063.5	3,812.0
Mar	49,568.8	10,912.1	7,916.0	11,030.4	6,623.9	5,389.5	3,819.8	3,877.1
Apr	51,381.7	11,634.9	7,448.0	11,683.2	6,416.5	5,516.3	4,558.2	4,124.6
May	49,925.2	11,753.7	7,998.0	10,663.8	6,346.5	5,205.5	4,243.6	3,714.1
Jun	51,719.3	12,125.7	7,858.0	12,271.3	6,315.5	5,346.3	4,270.4	3,532.1
Jul	50,611.5	11,792.5	7,709.0	10,675.8	6,928.2	5,737.3	4,097.5	3,671.2
Aug	53,257.6	12,469.3	8,146.0	12,124.8	6,579.7	5,841.9	4,401.5	3,694.4
Sep	55,201.9	13,428.9	8,607.0	11,390.5	7,079.7	5,939.7	4,572.6	4,183.4
Oct	57,316.1	13,010.5	8,115.0	13,552.6	7,454.0	6,165.7	5,185.9	3,832.4
Nov	58,025.8	13,261.5	8,494.0	13,314.6	7,303.1	5,929.7	5,469.3	4,253.5
Dec	57,928.1	13,148.4	7,864.0	12,338.6	7,093.0	6,200.7	7,170.3	4,113.1
Imports, f.o.b.								
1974 Jan	26,636.7	6,498.0	3,578.0	4,983.0	3,540.2	3,167.0	2,618.4	2,252.3
Feb	28,991.4	7,317.7	4,417.0	4,378.4	3,697.1	3,662.8	3,086.6	2,431.9
Mar	30,945.4	7,741.9	4,296.0	5,155.8	3,948.8	4,081.6	3,106.1	2,615.2
Apr	32,078.5	8,025.3	4,427.0	5,580.9	4,112.6	4,105.0	3,443.2	2,384.7
May	32,830.9	8,264.5	4,627.0	6,005.8	4,164.3	4,321.1	2,791.3	2,657.0
Jun	32,859.5	8,577.0	4,686.0	5,246.6	4,274.0	4,357.0	2,991.2	2,727.7
Jul	35,222.8	8,921.6	4,654.0	5,985.8	4,507.6	4,396.3	3,984.8	2,772.5

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	Aug	34,475.2	9,267.1	4,483.0	5,918.1	4,394.6	4,175.9	3,349.8	2,886.7
	Sep	33,177.8	8,696.4	4,267.0	5,513.7	4,361.3	4,293.9	3,169.2	2,876.3
	Oct	33,703.0	8,773.2	4,490.0	5,712.7	4,350.3	4,216.3	3,314.1	2,846.4
	Nov	34,244.7	8,973.3	4,583.0	5,846.9	4,297.3	4,448.8	3,149.0	2,946.3
	Dec	33,898.8	9,256.8	4,417.0	5,677.9	4,338.8	4,223.9	3,033.3	2,951.1
1975	Jan	35,022.9	9,635.5	4,443.0	5,874.0	4,434.8	4,521.6	3,115.1	2,998.9
	Feb	32,457.0	7,927.6	4,137.0	6,036.0	4,392.2	4,339.7	2,758.9	2,865.6
	Mar	31,082.1	7,466.5	4,118.0	5,442.2	4,405.4	4,001.0	2,822.2	2,826.9
	Apr	32,372.6	7,958.5	4,018.0	6,752.7	4,169.4	4,098.0	2,657.8	2,718.1
	May	29,992.1	7,263.3	4,033.0	5,668.8	3,945.3	3,931.0	2,476.2	2,674.6
	Jun	31,579.5	7,102.5	3,883.0	6,093.4	4,397.6	3,967.0	3,147.6	2,988.4
	Jul	32,243.4	7,831.6	4,079.0	5,935.6	4,445.2	4,245.0	3,051.5	2,655.5
	Aug	30,984.2	7,876.7	4,005.0	5,450.4	4,034.1	3,987.8	2,722.5	2,907.8
	Sep	32,164.2	8,196.0	4,164.0	5,919.7	4,119.7	3,738.9	3,195.2	2,830.8
	Oct	32,968.2	8,169.3	4,361.0	6,115.7	4,476.1	4,000.7	3,037.6	2,807.8
	Nov	32,799.5	8,201.3	4,176.0	5,774.0	4,543.9	3,930.7	3,265.4	2,908.2
	Dec	33,601.1	8,521.5	4,356.0	6,099.8	4,409.9	3,932.0	3,371.1	2,910.8
1976	Jan	34,442.8	9,000.9	4,334.0	6,199.1	4,673.9	3,982.9	3,198.0	3,034.0
	Feb	35,207.3	9,032.5	4,396.0	6,579.9	4,838.2	4,065.8	3,078.5	3,216.3
	Mar	35,045.0	9,469.2	4,200.0	6,634.0	4,729.5	3,741.1	3,183.4	3,087.8
	Apr	36,291.0	9,643.3	4,373.0	6,949.3	4,828.8	4,111.8	3,115.1	3,269.6
	May	35,605.2	9,182.4	4,346.0	6,720.5	4,894.8	4,313.5	3,158.2	2,989.8
	Jun	37,042.3	10,153.4	4,499.0	6,628.6	4,947.4	4,228.4	3,243.2	3,342.2
	Jul	38,313.5	10,717.2	4,661.0	6,943.4	4,998.0	4,523.0	3,283.3	3,187.6
	Aug	38,919.3	10,447.2	4,922.0	7,300.6	5,199.2	4,340.9	3,504.3	3,205.1
	Sep	39,544.5	10,651.0	5,052.0	7,187.5	5,517.2	4,466.4	3,482.7	3,187.7
	Oct	38,908.0	10,555.1	4,891.0	7,186.5	5,538.8	4,303.5	3,421.6	3,011.5
	Nov	40,840.9	10,622.9	5,171.0	7,516.8	5,630.7	4,540.7	4,164.1	3,194.7
	Dec	40,682.6	11,020.4	5,121.0	8,034.1	5,276.4	4,464.0	3,546.9	3,219.8
1977	Jan	40,645.7	10,445.0	5,062.0	7,527.8	5,579.1	5,181.2	3,662.3	3,188.2
	Feb	42,147.7	12,611.3	5,015.0	7,565.4	5,422.2	4,499.1	3,714.4	3,320.4
	Mar	43,017.0	12,424.0	5,145.0	8,093.3	5,543.4	4,717.0	3,710.2	3,384.1
	Apr	41,536.4	11,797.7	5,043.0	7,538.9	5,221.1	4,801.6	3,627.5	3,506.5
	May	41,436.9	11,169.5	5,130.0	7,831.4	5,404.9	4,964.7	3,623.1	3,313.3
	Jun	44,394.1	13,334.3	5,081.0	7,924.9	5,754.1	5,303.9	3,671.1	3,324.8
	Jul	43,227.9	12,483.0	5,079.0	8,110.4	5,650.9	5,127.8	3,462.0	3,314.8
	Aug	43,158.5	12,101.4	5,500.0	8,086.8	5,825.5	4,685.8	3,638.8	3,320.2
	Sep	43,451.4	12,939.3	5,075.0	8,113.1	5,598.1	4,952.7	3,500.9	3,272.2
	Oct	43,250.7	12,583.3	5,288.0	7,954.9	5,628.7	4,785.3	3,726.9	3,283.6
	Nov	43,825.0	12,398.1	5,306.0	8,614.1	6,108.6	4,730.2	3,691.6	2,976.4
	Dec	46,340.9	13,474.2	5,341.0	8,903.8	5,644.3	5,294.5	4,510.4	3,172.6
1978	Jan	45,672.5	12,380.9	5,380.0	9,265.0	6,082.6	5,730.4	3,589.4	3,244.2
	Feb	47,859.1	14,440.2	5,431.0	9,030.0	5,920.3	5,714.2	3,755.3	3,568.2

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Table 54 (continued)

Million US \$

Big Seven: Foreign Trade,¹ by Month

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	Big Seven	United States	Japan	West Germany	France	United Kingdom	Italy	Canada
1978 (continued)								
Mar	46,965.4	13,699.3	5,162.0	8,961.6	6,370.3	5,948.2	3,667.4	3,156.7
Apr	49,029.5	14,496.1	5,644.0	9,520.6	6,265.6	5,162.1	3,927.7	4,013.3
May	48,312.6	13,992.1	5,917.0	8,971.4	6,313.2	5,632.7	4,050.4	3,435.8
Jun	47,011.4	13,722.7	4,877.0	9,483.1	6,215.3	5,550.2	3,681.2	3,481.8
Jul	50,639.9	14,779.3	5,560.0	9,145.5	6,724.3	6,021.6	4,727.9	3,681.2
Aug	49,887.1	14,090.2	6,023.0	9,582.7	6,823.0	5,845.8	3,959.4	3,563.0
Sep	52,044.7	15,120.0	6,219.0	9,816.6	6,781.0	6,362.6	4,001.0	3,744.5
Oct	54,905.1	15,138.0	7,282.0	10,779.2	7,283.3	6,093.5	4,537.9	3,791.2
Nov	55,451.8	15,207.0	6,879.0	10,890.5	7,228.9	6,157.5	5,142.1	3,946.8
Dec	56,081.3	15,188.7	6,415.0	10,171.8	7,339.0	6,119.4	6,781.4	4,065.9

¹ Seasonally adjusted.

Million US \$

Table 55

Big Seven: Exports, by Commodity

	1970	1971	1972	1973	1974	1975	1976	1977
Big Seven	163,218	182,754	213,386	289,309	390,045	415,790	461,064	525,724
Foodstuffs	15,946	18,077	22,069	35,087	42,784	44,765	46,631	51,047
Raw material	9,800	9,653	11,227	16,440	21,280	18,942	22,512	24,644
Fuels	5,274	5,930	6,696	8,878	17,328	18,085	18,548	20,677
Manufactures	132,199	149,093	173,394	228,904	308,653	333,998	373,372	429,353
United States	43,226	44,137	49,676	71,314	98,506	107,652	114,997	120,163
Foodstuffs	6,919	7,179	8,847	16,775	20,741	21,105	22,098	22,710
Raw material	3,403	2,989	3,427	5,489	7,190	6,736	7,424	8,109
Fuels	1,695	1,592	1,674	1,672	3,445	4,481	4,228	4,199
Manufactures	31,209	32,377	35,728	47,378	67,131	75,330	81,247	85,146
Canada	16,185	17,675	20,178	25,207	32,783	32,300	38,370	41,293
Foodstuffs	1,975	2,346	2,602	3,572	4,384	4,399	4,669	4,811
Raw material	3,411	3,548	4,020	5,396	6,584	5,785	7,591	8,143
Fuels	978	1,262	1,734	2,466	5,179	5,334	5,300	5,171
Manufactures	9,820	10,519	11,822	13,774	16,636	16,782	20,811	23,168
Japan	19,319	24,019	28,591	36,931	55,538	55,728	67,203	80,470
Foodstuffs	674	724	693	878	934	808	939	945
Raw material	326	412	477	680	1,101	825	892	991
Fuels	48	63	74	92	251	220	117	156
Manufactures	18,272	22,820	27,348	35,281	53,252	53,875	65,254	78,379
West Germany	34,189	39,040	46,208	67,437	89,165	90,021	102,032	117,932
Foodstuffs	1,188	1,460	1,837	3,040	3,911	4,241	4,529	5,902
Raw material	811	829	962	1,578	2,166	1,839	2,269	2,320
Fuels	1,011	1,163	1,214	1,717	3,080	2,813	2,933	3,120
Manufactures	31,178	35,588	42,195	61,102	80,009	81,128	92,301	106,591
France	17,739	20,420	25,842	35,662	45,139	51,604	55,463	63,363
Foodstuffs	2,803	3,576	4,739	6,759	7,858	8,069	8,461	9,233
Raw material	927	920	1,209	1,825	2,368	2,006	2,373	2,521
Fuels	376	455	583	763	1,213	1,410	1,615	1,893
Manufactures	13,633	15,470	19,310	26,315	33,700	40,118	43,014	49,715
United Kingdom	19,351	22,353	24,344	30,535	38,662	43,660	46,032	57,439
Foodstuffs	1,259	1,459	1,680	2,196	2,576	3,221	3,112	3,980
Raw material	630	649	771	1,013	1,268	1,173	1,321	1,521
Fuels	496	575	596	907	1,798	1,798	2,252	3,609
Manufactures	16,965	19,670	21,297	26,418	33,019	37,468	39,347	48,328

Table 55 (continued)

Million US \$

Big Seven: Exports, by Commodity

	1970	1971	1972	1973	1974	1975	1976	1977
Italy	13,210	15,111	18,548	22,223	30,252	34,825	36,966	45,062
Foodstuffs	1,127	1,332	1,672	1,867	2,381	2,921	2,823	3,466
Raw material	292	308	361	461	604	577	642	1,040
Fuels	669	821	821	1,260	2,361	2,030	2,104	2,530
Manufactures	11,122	12,650	15,694	18,635	24,906	29,297	31,398	38,027

Table 56

Million US \$

Big Seven: Imports, by Commodity

	1970	1971	1972	1973	1974	1975	1976	1977
Big Seven	157,593	176,162	211,569	288,937	411,343	408,072	474,775	539,211
Foodstuffs	27,228	29,860	35,138	48,679	57,149	60,387	64,640	75,501
Raw material	20,372	19,651	22,422	33,588	41,212	35,159	42,039	44,394
Fuels	17,018	21,541	24,810	36,709	100,583	101,364	117,703	132,711
Manufactures	92,975	105,110	129,198	169,960	212,400	211,161	250,393	286,603
United States	39,963	45,602	55,555	69,121	100,972	96,941	121,793	147,848
Foodstuffs	6,446	6,627	7,593	9,518	11,296	10,518	12,399	14,680
Raw material	3,259	3,335	3,817	4,923	5,863	5,387	6,774	7,669
Fuels	3,081	3,715	4,799	8,101	25,350	26,404	33,929	44,198
Manufactures	27,178	31,926	39,347	46,580	58,463	54,633	68,692	81,300
Canada	13,348	15,458	18,923	23,316	32,296	33,954	37,934	39,485
Foodstuffs	1,153	1,230	1,486	2,084	2,782	2,817	3,090	3,303
Raw material	616	671	771	1,006	1,250	1,305	1,455	1,438
Fuels	749	907	1,085	1,324	3,391	4,090	4,103	3,920
Manufactures	10,830	12,650	15,582	18,902	24,874	25,741	29,286	30,823
Japan	18,883	19,712	23,471	38,313	62,094	57,840	64,505	70,560
Foodstuffs	3,195	3,584	4,353	7,248	9,676	10,344	10,805	11,872
Raw material	6,057	5,730	6,446	11,010	12,805	10,113	11,756	12,575
Fuels	3,906	4,753	5,715	8,344	24,921	25,641	28,287	31,149
Manufactures	5,725	5,644	6,957	11,712	14,693	11,741	13,656	14,965
West Germany	29,814	34,341	39,763	54,496	68,975	74,208	87,783	100,701
Foodstuffs	5,524	6,314	7,425	10,193	11,054	12,092	13,711	16,245
Raw material	3,420	3,315	3,747	5,301	6,615	6,167	7,271	7,633
Fuels	2,627	3,502	3,672	6,211	13,308	13,099	15,828	17,230
Manufactures	18,244	21,210	24,919	32,791	37,999	42,850	50,974	59,593
France	18,922	21,137	26,715	37,055	52,174	53,606	64,016	70,276
Foodstuffs	2,798	2,974	3,675	5,207	5,692	6,921	7,576	9,794
Raw material	1,862	1,849	2,231	3,257	4,339	3,691	4,474	4,621
Fuels	2,291	2,933	3,533	4,581	11,945	12,260	14,369	15,089
Manufactures	11,970	13,381	17,275	24,009	30,198	30,734	37,597	40,770
United Kingdom	21,724	23,944	27,860	38,843	54,149	53,595	55,951	63,658
Foodstuffs	5,267	5,662	6,244	8,161	9,692	10,345	9,686	11,388
Raw material	2,931	2,740	2,958	4,242	5,203	4,285	5,049	5,189
Fuels	2,270	3,042	3,108	4,232	10,841	9,613	10,137	9,123
Manufactures	11,256	12,500	15,550	22,208	28,414	29,352	31,078	37,958

Table 56 (continued)

Million US \$

Big Seven: Imports, by Commodity

	1970	1971	1972	1973	1974	1975	1976	1977
Italy	14,939	15,968	19,282	27,793	40,682	37,928	42,794	46,683
Foodstuffs	2,846	3,469	4,363	6,267	6,958	7,350	7,374	8,219
Raw material	2,227	2,011	2,453	3,850	5,137	4,210	5,260	5,268
Fuels	2,095	2,688	2,899	3,918	10,828	10,258	11,050	12,002
Manufactures	7,771	7,799	9,568	13,758	17,759	16,110	19,110	21,194

Table 57

Million US \$

Big Seven: Trade Balance, by Commodity

	1970	1971	1972	1973	1974	1975	1976	1977
Big Seven	5,625	6,591	1,817	373	-21,298	7,718	-13,711	-13,488
Foodstuffs	-11,282	-11,784	-13,069	-13,592	-14,365	-15,622	-18,009	-24,455
Raw material	-10,573	-9,998	-11,196	-17,148	-19,932	-16,217	-19,527	-19,750
Fuels	-11,744	-15,611	-18,114	-27,832	-83,254	-83,279	-99,154	-112,034
Manufactures	39,224	43,983	44,196	58,943	96,253	122,838	122,980	142,750
United States	3,263	-1,465	-5,880	2,193	-2,466	10,710	-6,796	-27,685
Foodstuffs	473	552	1,253	7,257	9,445	10,587	9,699	8,030
Raw material	144	-346	-389	566	1,326	1,349	650	440
Fuels	-1,386	-2,123	-3,125	-6,429	-21,905	-21,923	-29,701	-39,999
Manufactures	4,032	451	-3,618	798	8,668	20,697	12,556	3,845
Canada	2,836	2,216	1,255	1,891	487	-1,654	437	1,808
Foodstuffs	823	1,116	1,116	1,488	1,601	1,582	1,579	1,508
Raw material	2,795	2,877	3,249	4,390	5,334	4,480	6,136	6,704
Fuels	229	354	649	1,142	1,788	1,243	1,197	1,251
Manufactures	-1,011	-2,131	-3,759	-5,128	-8,237	-8,959	-8,475	-7,655
Japan	437	4,307	5,120	-1,382	-6,557	-2,112	2,698	9,910
Foodstuffs	-2,521	-2,860	-3,660	-6,370	-8,742	-9,536	-9,866	-10,927
Raw material	-5,730	-5,318	-5,969	-10,330	-11,705	-9,288	-10,864	-11,585
Fuels	-3,858	-4,691	-5,641	-8,251	-24,669	-25,422	-28,170	-30,993
Manufactures	12,546	17,176	20,391	23,569	38,559	42,134	51,598	63,414
West Germany	4,375	4,698	6,444	12,941	20,190	15,814	14,249	17,232
Foodstuffs	-4,335	-4,854	-5,589	-7,153	-7,142	-7,850	-9,182	-10,343
Raw material	-2,609	-2,487	-2,785	-3,723	-4,449	-4,328	-5,002	-5,313
Fuels	-1,616	-2,340	-2,458	-4,494	-10,229	-10,286	-12,895	-14,110
Manufactures	12,934	14,378	17,276	28,311	42,010	38,278	41,328	46,998
France	-1,184	-717	-874	-1,393	-7,034	-2,002	-8,553	-6,912
Foodstuffs	5	602	1,064	1,551	2,165	1,148	886	-561
Raw material	-936	-930	-1,022	-1,433	-1,971	-1,685	-2,101	-2,100
Fuels	-1,915	-2,478	-2,950	-3,817	-10,731	-10,850	-12,755	-13,197
Manufactures	1,662	2,088	2,035	2,306	3,502	9,385	5,417	8,944
United Kingdom	-2,373	-1,590	-3,515	-8,309	-15,488	-9,935	-9,919	-6,219
Foodstuffs	-4,007	-4,202	-4,563	-5,965	-7,116	-7,124	-6,574	-7,408
Raw material	-2,302	-2,091	-2,187	-3,229	-3,935	-3,112	-3,728	-3,668
Fuels	-1,773	-2,467	-2,511	-3,325	-9,042	-7,815	-7,885	-5,514
Manufactures	5,709	7,170	5,747	4,210	4,605	8,117	8,269	10,371

Table 57 (continued)

Million US \$

Big Seven: Trade Balance, by Commodity

	1970	1971	1972	1973	1974	1975	1976	1977
Italy	-1,729	-858	-734	-5,570	-10,430	-3,103	-5,827	-1,621
Foodstuffs	-1,719	-2,137	-2,691	-4,400	-4,577	-4,428	-4,551	-4,753
Raw material	-1,935	-1,703	-2,092	-3,390	-4,533	-3,633	-4,619	-4,228
Fuels	-1,426	-1,867	-2,078	-2,658	-8,466	-8,227	-8,946	-9,472
Manufactures	3,351	4,850	6,126	4,877	7,146	13,186	12,288	16,832

1970=100

Table 58

Selected Non-OPEC LDCs: Indexes of Export Prices, Import Prices, and Terms of Trade ¹

	1973		1974		1975		1976		1977	
	CIA	IMF	CIA	IMF ²	CIA	IMF ²	CIA	IMF ²	CIA	IMF ²
Non-OPEC LDCs ¹										
Export	139	139	197	191	199	185	205	198	250	231
Import	143	137	202	206	222	217	222	215	240	224
Terms of Trade	97	101	98	93	90	85	92	92	104	103
Brazil										
Export	136	150	175	189	180	189	208	217	306	263
Import	142	139	212	210	237	217	233	224	250	232
Terms of Trade	96	108	83	90	76	87	89	97	122	113
Colombia										
Export	134	132	189	172	196	175	259	257	414	378
Import	144	126	187	158	211	173	207	182	233	192
Terms of Trade	93	105	101	109	93	101	125	141	178	197
El Salvador										
Export	134	129	167	161	172	164	213	241	337	317
Import	144	126	189	179	211	197	202	193	221	193
Terms of Trade	93	102	88	90	82	83	105	125	152	164
Ethiopia										
Export	141	128	162	138	159	123	221	218	369	222
Import	140	135	190	147	212	155	212	164	236	177
Terms of Trade	101	95	85	94	75	79	104	133	156	125
India										
Export	135	132	167	160	179	172	175	170	209	192
Import	146	127	219	194	235	226	229	224	239	206
Terms of Trade	92	104	76	82	76	76	76	76	87	93
Jordan										
Export	151	123	166	256	174	291	188	253	206	245
Import	145	145	194	189	211	259	210	223	229	257
Terms of Trade	104	85	86	135	82	112	90	113	90	95
Kenya										
Export	137	124	192	156	201	175	231	208	335	299
Import	137	133	202	179	223	221	222	225	251	245
Terms of Trade	100	93	95	87	90	79	104	92	134	122
Malaysia										
Export	146	157	222	220	206	183	222	206	264	242
Import	139	163	202	234	225	249	228	240	249	254
Terms of Trade	105	96	110	94	92	73	97	86	106	95

Table 58 (continued)

1970=100

Selected Non-OPEC LDCs: Indexes of Export Prices, Import Prices, and Terms of Trade¹

	1973		1974		1975		1976		1977	
	CIA	IMF	CIA	IMF ²	CIA	IMF ²	CIA	IMF ²	CIA	IMF ²
Mauritius										
Export	149	154	292	364	404	454	234	336	193	332
Import	147	154	202	239	220	257	217	257	230	285
Terms of Trade	101	100	145	152	184	177	108	131	84	116
Morocco										
Export	132	137	197	265	227	308	204	222	206	206
Import	142	158	194	213	217	232	210	211	233	160
Terms of Trade	93	87	102	124	105	133	97	105	88	129
Pakistan										
Export	144	151	194	196	188	173	190	189	226	227
Import	148	113	217	194	243	220	227	211	238	218
Terms of Trade	97	134	89	101	77	79	84	90	95	104
Philippines										
Export	149	124	224	212	233	168	201	148	218	150
Import	137	137	205	247	226	258	227	255	248	283
Terms of Trade	109	91	109	86	103	65	89	58	88	53
South Korea										
Export	132	126	160	160	167	148	170	166	187	181
Import	145	135	207	210	223	217	222	212	233	217
Terms of Trade	91	93	77	76	75	68	77	78	80	83
Sri Lanka										
Export	119	108	158	162	156	143	156	143	231	212
Import	150	138	221	235	242	261	241	191	244	219
Terms of Trade	79	78	72	69	64	55	65	75	95	97
Syria										
Export	150	174	252	338	253	291	269	355	311	378
Import	147	168	205	245	222	273	218	324	232	294
Terms of Trade	102	104	123	138	114	107	123	110	134	129
Thailand										
Export	150	158	220	240	214	212	204	202	232	210
Import	140	131	194	215	217	239	217	251	239	270
Terms of Trade	107	121	113	112	99	89	94	80	97	78

Tunisia										
Export	144	180	292	359	318	395	307	328	328	340
Import	145	140	200	178	220	215	211	198	222	202
Terms of Trade	99	129	146	202	145	184	146	166	148	168

Methodological Note:

CIA indexes are proxies for the export and import prices faced by individual LDCs. Indexes calculated by the LDCs themselves are available only for a small number of countries and usually after a long timelag.

CIA data assume that annual movements in export and import unit value indexes in LDCs are a mirror image of unit value indexes movements in developed countries. From computerized SITC 5-digit and 4-digit foreign trade data, trade-weighted US dollar export and import unit value indexes are calculated at the SITC 3-digit level for the United States, the United Kingdom, Japan, and West Germany combined. The export indexes are proxies for LDC import indexes; the import indexes are proxies for LDC export indexes.

Indexes for individual LDCs are computed by applying their 1970 SITC 3-digit export/import trade weights to the proxy price indexes and aggregating the results up to the SITC 1-digit level and to SITC 1-digit combinations. Indexes for country groups are similarly trade weighted.

¹ US dollar indexes for total exports and total imports.

² US dollar indexes converted from national data, with the original 1975 comparison base shifted to 1970.

³ CIA methodology used an estimated average based on data of 78 countries; IMF used an estimated average derived from available national data for "other developed areas" including Cyprus, Ecuador, and Israel, which were omitted from CIA sources.

Table 59

Billion US \$

Selected Countries: Oil Import Bill ¹

	1965	1970	1972	1973	1974	1975	1976	1977	1978
OECD									
United States ²	2.1	2.3	3.9	7.8	24.6	23.8	30.8	40.2	41.8
Japan	1.3	2.7	4.4	6.7	20.9	20.8	23.2	25.7	23.7
Spain	0.2	0.4	0.7	0.9	3.1	3.5	4.3	4.3	4.6
European Community									
France	0.9	1.6	2.6	3.3	9.7	9.3	11.2	11.2	11.4
Italy	0.6	1.2	1.8	2.4	8.0	7.3	8.0	8.4	10.3
Netherlands	0.2	0.3	0.5	0.5	1.5	1.6	2.5	2.8	2.7
United Kingdom	1.4	1.8	2.4	3.3	9.0	7.7	7.8	5.4	4.4
West Germany	1.0	2.0	2.9	5.1	11.2	10.7	12.9	13.6	14.5

¹ 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).

² On an f.o.b. basis.

Million US \$

Table 60

Soviet Foreign Trade ¹

		Communist Countries						Non-Communist Countries			
		Total Trade	Total	Eastern Europe	China	Other Asian	Other ²	Total	Developed Countries	Less Developed Countries	Unspecified
1960	Exports	5,558	4,209	3,071	816	66	256	1,348	996	353	68
	Imports	5,623	3,977	2,792	847	101	237	1,645	1,098	547	43
1965	Exports	8,166	5,554	4,548	191	167	647	2,612	1,473	1,139	337
	Imports	8,050	5,605	4,668	225	120	592	2,444	1,620	824	55
1970	Exports	12,787	8,359	6,752	25	415	1,167	4,428	2,414	2,014	846
	Imports	11,720	7,630	6,627	22	156	826	4,089	2,814	1,275	73
1971	Exports	13,792	9,009	7,234	78	521	1,176	4,783	2,794	1,989	755
	Imports	12,467	8,169	7,250	76	160	683	4,298	2,904	1,394	75
1972	Exports	15,409	10,020	8,139	121	418	1,341	5,390	3,044	2,346	1,137
	Imports	16,104	10,307	9,301	134	183	690	5,797	4,164	1,633	87
1973	Exports	21,332	12,305	9,964	136	495	1,710	9,027	5,125	3,902	2,228
	Imports	20,980	12,442	10,925	136	230	1,151	8,538	6,191	2,347	92
1974	Exports	27,374	14,641	11,491	143	510	2,497	12,733	8,226	4,507	2,201
	Imports	24,861	13,586 ³	11,352	139	254	1,841	11,275	8,092	3,183	171
1975	Exports	33,401	20,271	16,494	129	480	3,168	13,130	8,382	4,748	2,137
	Imports	37,070	19,415	15,723	150	277	3,265	17,654	13,473	4,181	144
1976	Exports	37,269	21,890	17,432	239	565	3,654	15,378	10,269	5,109	2,588
	Imports	38,212	20,088	16,261	179	242	3,406	18,123	14,360	3,763	178
1977	Exports	45,227	26,009	20,762	161	628	4,458	19,219	12,226	6,993	3,754
	Imports	40,926	23,354	18,839	177	400	3,938	17,573	13,416	4,157	228
1978	Exports	52,393	31,205	24,910	241	726	5,328	21,188	12,973	8,215	4,153
	Imports	50,795	30,493	24,661	257	520	5,055	20,301	16,171	4,130	133

¹ 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.

² Yugoslavia, Mongolia, and Cuba.

³ A sum of \$15 million in Soviet imports from Communist countries is not identified by country.

Table 61

Soviet Exports¹

Million US \$

STAT
STAT
100

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total exports	5,558	8,166	12,787	13,792	15,409	21,332	27,374	33,401	37,269	45,209	52,432
Machinery and equipment	1,141	1,634	2,753	3,002	3,637	4,655	5,246	6,230	7,219	8,493	10,277
Fuels, lubricants, and related materials	902	1,403	1,986	2,465	2,717	4,089	6,930	10,470	12,773	15,853	18,695
Coal and coke ²	242	384	408	488	527	583	746	1,399	1,350	1,422	143
Petroleum and petroleum products	657	998	1,469	1,829	2,013	3,244	5,745	8,212	10,210	12,778	14,776
Ores and concentrates	243	310	403	419	466	548	595	867	839	829	887
Iron ore	175	250	325	334	387	465	491	692	629	599	628
Base metals and manufactures	837	1,329	1,978	2,061	2,300	2,842	3,153	3,813	3,873	2,817	2,987
Ferrous metals	642	997	1,351	1,363	1,427	1,671	1,796	2,673	2,734	2,814	2,987
Rolled ferrous metals	480	716	961	952	988	1,090	1,132	1,794	1,879	1,889	2,020
Nonferrous metals	195	331	627	698	873	1,171	1,358	1,140	1,138	6	N.A.
Aluminum	35	111	184	199	247	313	358	356	N.A.	N.A.	N.A.
Chemicals	150	244	364	396	439	549	887	1,027	939	1,063	1,284
Wood and wood products	305	593	831	864	940	1,378	1,899	1,916	1,995	2,299	2,339
Lumber	183	312	333	352	373	503	748	780	817	934	936
Textile raw materials and semimanufactures	358	421	437	455	584	696	913	976	1,067	1,448	1,313
Cotton fiber	288	334	372	399	526	631	850	917	1,013	1,372	1,229
Consumer goods	908	904	1,356	1,593	1,277	1,673	2,568	2,383	2,020	2,327	2,288
Food (foodstuffs)	702	664	1,019	1,240	860	1,149	1,912	1,556	1,106	1,388	1,149
Grain ³	467	270	399	602	329	485	822	508	213	515	207
Other consumer goods	205	240	337	353	418	524	656	827	913	939	1,138
Other and unspecified	714	1,328	2,679	2,537	3,049	4,902	5,183	5,719	6,544	10,079	12,362

¹ 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.

² Including small amounts of charcoal and other solid fuels.

³ Excluding wheat flour.

STAT

Table 62

Million US \$

Soviet Imports ¹

	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total imports	5,623	8,050	11,720	12,467	16,104	20,980	24,861	37,070	38,212	40,914	50,798
Machinery and equipment	1,673	2,690	4,166	4,237	5,577	7,206	8,057	12,574	13,868	15,587	21,354
Transportation equipment	659	990	1,232	1,094	1,315	1,677	1,826	3,326	3,123	3,142	N.A.
Fuels, lubricants, and related materials	237	198	228	326	467	701	868	1,447	1,374	N.A.	N.A.
Coal and coke	93	123	124	149	196	224	215	499	480	N.A.	N.A.
Petroleum and petroleum products	144	75	82	123	191	367	452	695	661	N.A.	N.A.
Ores and concentrates	314	315	303	336	352	457	510	583	536	N.A.	N.A.
Base metals and manufactures	545	389	691	750	944	1,450	2,773	3,595	3,304	2,480	3,414
Ferrous metals	373	314	593	661	836	1,325	2,569	3,346	3,029	2,466	3,400
Rolled ferrous metals	338	287	568	632	792	1,258	2,462	3,197	2,865	2,287	3,176
Nonferrous metals	172	75	98	89	108	125	204	249	275	N.A.	14
Tin	35	21	30	14	15	17	38	65	N.A.	N.A.	N.A.
Chemicals	149	373	618	702	868	954	1,448	1,747	1,668	1,850	2,188
Rubber and rubber products	196	199	192	154	145	213	365	307	357	N.A.	N.A.
Wood and wood products	105	150	248	259	288	338	473	796	670	723	747
Textile raw materials and semimanufactures	364	358	561	562	531	777	1,018	887	894	1,087	1,025
Cotton fiber	180	162	249	252	183	200	338	271	234	226	93
Wool fiber	118	100	120	113	123	371	358	265	304	373	420
Consumer goods	1,573	2,656	3,789	4,140	5,517	7,074	7,506	12,720	12,574	12,744	14,692
Food	613	1,512	1,590	1,588	2,479	3,704	3,824	7,844	7,736	7,490	8,794
Wheat and wheat flour	10	424	139	174	540	1,042	350	1,711	1,198	1,016	1,026
Other consumer goods	960	1,144	2,199	2,552	3,037	3,370	3,682	4,876	4,838	5,254	5,898
Other and unspecified	466	723	926	1,002	1,416	1,809	1,844	2,414	2,967	6,442	7,378

¹ 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.

Table 63

Million US \$

102

Chinese Foreign Trade ¹

		Communist Countries				Non-Communist Countries				
		Total Trade	Total	Eastern Europe	USSR	Other ²	Total	Developed Countries	Less Developed Countries	Hong Kong and Macao
1965	Exports	2,035	650	95	225	330	1,385	575	455	355
	Imports	1,845	515	110	190	215	1,330	920	405	5
1966	Exports	2,210	585	130	145	310	1,625	715	510	400
	Imports	2,035	505	140	175	190	1,530	1,140	385	5
1967	Exports	1,960	485	110	55	320	1,475	625	515	335
	Imports	1,955	345	135	50	160	1,610			
1968	Exports	1,960	500	140	35	325	1,460			
	Imports	1,825	340	135	60	145	1,485			
1969	Exports	2,060	490	145	30	315	1,570			
	Imports	1,835	295	120	25	150	1,540			
1970	Exports	2,095	480	165	20	295	1,615			
	Imports	2,245	380	190	25	165	1,865			
1971	Exports	2,500	585	195	75	315	1,915			
	Imports	2,310	500	250	80	170	1,810			
1972	Exports	3,150	740	230	135	375	2,410			
	Imports	2,850	535	265	120	150	2,315	1,070	625	20
1973	Exports	5,075	1,000	305	135	560	4,075	1,825	1,115	1,135
	Imports	5,225	710	300	135	275	4,515	3,525	935	55
1974	Exports	6,660	1,430	405	140	885	5,230	2,415	1,595	1,220
	Imports	7,420	1,010	360	145	505	6,410	5,305	1,045	60
1975	Exports	7,180	1,380	485	150	745	5,800	2,620	1,780	1,400
	Imports	7,395	1,010	525	130	355	6,385	5,480	870	35
1976	Exports	7,265	1,240	435	180	625	6,025	2,695	1,705	1,625
	Imports	6,010	1,105	550	240	315	4,905	4,110	765	30
1977	Exports	7,955	1,370	600	175	595	6,585	2,925	1,865	1,795
	Imports	7,100	1,150	625	160	365	5,950	4,525	1,385	45
1978	Exports	9,890	1,535	750	240	545	8,350	3,750	2,285	2,320
	Imports	10,850	1,555	865	190	500	9,295	7,870	1,360	65

¹ Rounded to the nearest US \$5 million. Exports are f.o.b. and imports are c.i.f.

² Including data for Yugoslavia, Mongolia, Cuba, Albania, North Korea, and Vietnam.

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Table 64

Million US \$

Chinese Exports ¹

	1970			1974			1975			1976			1977		
	Total	Com-munist	Non-Com-munist	Total	Com-munist	Non-Com-munist	Total	Com-munist	Non-Com-munist	Total	Com-munist	Non-Com-munist	Total	Com-munist	Non-Com-munist
Total	2,095	480	1,615	6,660	1,430	5,230	7,180	1,380	5,800	7,265	1,240	6,025	7,955	1,370	6,585
Foodstuffs	660	90	570	2,080	365	1,715	2,125	385	1,740	1,950	300	1,650	2,025	320	1,705
Animals, meat, and fish	215	20	195	535	30	505	630	60	570	660	20	640	650	30	620
Grains	110	30	80	715	145	570	720	200	520	450	180	270	455	165	290
Fruits and vegetables	170	25	145	315	50	265	360	65	295	385	35	350	490	75	415
Crude materials, fuels, and edible oils	445	60	385	1,440	300	1,140	1,945	360	1,585	1,805	310	1,495	2,045	350	1,695
Oilseeds	65	0	65	135	10	125	140	5	135	85	5	80	90	15	75
Textile fibers	100	10	90	190	30	160	250	40	210	285	30	255	290	10	280
Crude animal materials	115	35	80	185	25	160	230	35	195	260	20	240	330	35	295
Petroleum	0	0	0	525	75	450	910	95	815	840	135	705	1,015	85	930
Chemicals	105	25	80	405	60	345	300	45	255	330	40	290	380	65	315
Manufactures	870	300	570	2,690	670	2,020	2,740	555	2,185	3,070	535	2,535	3,415	575	2,840
Textile yarn and fabric	340	80	260	940	250	690	1,065	225	840	1,235	225	1,010	1,300	240	1,060
Clothing	155	85	70	360	100	260	345	95	250	420	80	340	560	95	465
Iron and steel	40	25	15	170	20	150	85	25	60	105	25	80	110	15	95
Nonferrous metals	25	10	15	85	20	65	120	30	90	90	35	55	65	30	35
Other	15	5	10	45	35	10	70	35	35	110	55	55	95	60	35

¹ Data are rounded to the nearest \$5 million. Estimates are based on data reported by trading partners. Where data are incomplete, as for most less developed countries and for many of the Communist countries, estimates are based on fragmentary information from trade agreements and press reports and on commodity breakdowns available for earlier years.

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Table 65

Million US \$

Chinese Imports ¹

	1970			1974			1975			1976			1977		
	Total	Com-munist	Non-Com-munist	Total	Com-munist	Non-Com-munist	Total	Com-munist	Non-Com-munist	Total	Com-munist	Non-Com-munist	Total	Com-munist	Non-Com-munist
Total	2,245	380	1,865	7,420	1,010	6,410	7,395	1,010	6,385	6,010	1,105	4,905	7,100	1,150	5,950
Foodstuffs	395	70	325	1,440	165	1,275	885	100	785	560	90	470	1,115	70	1,045
Grains	280	0	280	1,180	0	1,180	675	5	670	325	0	325	745	0	745
Crude materials, fuels, and edible oils	420	90	330	1,475	160	1,315	1,040	195	845	895	200	695	1,445	200	1,245
Rubber	80	0	80	165	0	165	155	10	145	155	15	140	225	15	210
Textile fibers	110	0	110	615	0	615	355	0	355	305	0	305	55	0	55
Chemicals	240	10	230	585	60	525	825	65	760	600	110	490	885	110	775
Fertilizer	140	0	140	220	55	165	405	40	365	230	95	135	345	75	270
Manufactures	1,180	210	970	3,865	610	3,255	4,595	635	3,960	3,895	670	3,225	3,555	725	2,830
Textile yarn and fabric	45	0	45	170	0	170	85	0	85	125	0	125	175	10	165
Iron and steel	405	35	370	1,310	70	1,240	1,550	115	1,435	1,445	100	1,345	1,570	90	1,480
Nonferrous metals	210	10	200	415	20	395	450	20	430	260	20	240	265	40	225
Machinery and equipment	395	140	255	1,610	370	1,240	2,155	445	1,710	1,770	475	1,295	1,200	475	725
Other	10	0	10	55	15	40	50	15	35	60	35	25	100	45	55

¹ Data are rounded to the nearest \$5 million. Estimates are based on data reported by trading partners. Where data are incomplete, as for most less developed countries and for many of the Communist countries, estimates are based on fragmentary information from trade agreements and press reports and on commodity breakdowns available for earlier years.

Table 66

Million US \$

East European Foreign Trade ¹

		Communist Countries					Non-Communist Countries		
		Total Trade	Total	USSR	Eastern Europe	Other ²	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
1971	Exports	19,986	13,834	7,284	5,426	1,124	6,152	4,828	1,324
	Imports	20,318	13,699	7,291	5,539	869	6,619	5,616	1,003
1972	Exports	24,784	17,313	9,399	6,720	1,194	7,471	5,985	1,486
	Imports	24,487	16,066	8,279	6,768	1,019	8,421	7,255	1,166
1973	Exports	31,685	21,260	10,963	8,901	1,396	10,425	8,510	1,915
	Imports	32,770	20,031	9,973	8,751	1,307	12,739	11,092	1,647
1974	Exports	37,556	23,187	11,405	9,954	1,828	14,369	11,326	3,043
	Imports	42,311	22,948	11,244	9,842	1,862	19,363	16,470	2,893
1975	Exports	45,272	30,196	15,621	12,231	2,344	15,076	11,282	3,794
	Imports	51,317	30,610	16,347	12,238	2,025	20,707	17,687	3,020
1976	Exports	49,497	32,758	16,227	13,878	2,653	16,739	12,819	3,920
	Imports	55,626	32,926	17,232	13,858	1,836	22,700	19,168	3,532
1977	Exports	56,383	38,268	19,069	15,901	3,298	18,115	13,255	4,860
	Imports	62,282	38,888	20,745	15,646	2,497	23,394	19,291	4,103
1978	Exports	64,210	N.A.	22,733	N.A.	N.A.	N.A.	15,156	N.A.
	Imports	71,022	N.A.	24,942	N.A.	N.A.	N.A.	21,633	N.A.

¹ 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.

² Including data for Albania, China, Cuba, Mongolia, North Korea, Vietnam, and Yugoslavia.

Table 67

Million US \$

East European Exports, by Country ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ²
Bulgaria	571	1,176	2,004	3,327	3,795	4,810	5,320	6,288	7,125
Of which:									
USSR	307	614	1,078	1,823	1,902	2,645	2,875	3,398	4,048
Eastern Europe	151	275	431	709	790	969	1,163	1,374	N.A.
Developed Countries	73	190	289	450	466	474	628	608	724
Less Developed Countries	18	52	125	229	455	463	430	662	848
Czechoslovakia	1,929	2,688	3,792	5,988	6,884	8,158	8,745	10,011	11,494
Of which:									
USSR	659	1,023	1,222	1,889	2,023	2,664	2,934	3,397	3,959
Eastern Europe	561	789	1,213	1,978	2,109	2,621	2,986	3,376	3,810
Developed Countries	335	468	783	1,330	1,702	1,673	1,671	1,943	2,172
Less Developed Countries	200	255	331	446	599	706	658	802	907
East Germany ³	2,207	3,085	4,647	7,772	8,903	10,680	11,645	12,700	14,300
Of which:									
USSR	924	1,311	1,742	2,860	2,814	3,700	3,657	4,170	5,075
Eastern Europe	588	852	1,386	2,375	2,690	3,368	3,691	4,200	N.A.
Developed Countries	446	657	1,078	1,950	2,658	2,631	3,170	2,845	3,270
Less Developed Countries	89	131	183	280	356	431	473	550	N.A.
Hungary	874	1,510	2,317	4,377	4,874	5,694	6,643	7,959	8,814
Of which:									
USSR	256	525	790	1,454	1,517	2,154	2,346	2,817	3,208
Eastern Europe	278	468	648	1,333	1,465	1,591	1,950	2,365	2,666
Developed Countries	192	342	630	1,196	1,363	1,327	1,553	1,712	1,980
Less Developed Countries	58	107	137	211	325	364	392	473	555
Poland	1,326	2,228	3,548	6,471	8,260	10,510	10,969	12,405	14,277
Of which:									
USSR	390	781	1,251	2,103	2,341	3,362	3,310	3,957	5,004
Eastern Europe	335	528	882	1,649	1,985	2,671	2,888	3,155	3,474
Developed Countries	403	647	1,024	2,214	3,042	3,278	3,563	3,877	4,260
Less Developed Countries	93	172	258	315	641	845	878	1,005	992
Romania	717	1,102	1,851	3,750	4,840	5,420	6,175	7,020	8,200
Of which:									
USSR	281	438	529	834	808	1,096	1,105	1,330	1,439
Eastern Europe	189	260	395	857	915	1,011	1,200	1,431	N.A.
Developed Countries	154	277	622	1,370	2,095	1,899	2,234	2,270	2,750
Less Developed Countries	40	68	153	434	667	985	1,089	1,368	1,600

¹ 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.

² Preliminary.

³ 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 68

Million US \$

East European Imports, by Country ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ²
Bulgaria	625	1,178	1,831	3,297	4,282	5,531	5,565	6,198	6,595
Of which:									
USSR	332	589	955	1,714	1,860	2,828	3,018	3,620	4,564
Eastern Europe	174	236	372	761	933	1,007	1,055	1,245	N.A.
Developed Countries	89	266	355	528	990	1,289	1,050	996	1,123
Less Developed Countries	13	37	81	154	302	209	238	289	265
Czechoslovakia	1,816	2,673	3,695	6,071	7,352	8,874	9,410	10,883	12,210
Of which:									
USSR	630	955	1,209	1,812	1,979	2,818	3,022	3,637	4,381
Eastern Europe	524	851	1,123	1,979	2,281	2,839	3,009	3,353	3,925
Developed Countries	360	514	917	1,566	2,102	2,244	2,429	2,640	2,830
Less Developed Countries	161	197	214	389	535	501	498	733	579
East Germany ³	2,194	2,823	4,923	8,099	9,797	11,947	13,514	14,856	16,600
Of which:									
USSR	958	1,205	1,945	2,498	2,868	4,172	4,234	4,980	5,853
Eastern Europe	496	693	1,246	2,342	2,443	3,147	3,668	4,145	N.A.
Developed Countries	484	656	1,378	2,776	3,549	3,704	4,626	4,180	5,010
Less Developed Countries	90	120	182	228	533	483	608	715	N.A.
Hungary	976	1,520	2,505	3,886	5,340	6,795	7,252	8,558	10,584
Of which:									
USSR	303	553	832	1,316	1,470	2,284	2,394	2,859	3,672
Eastern Europe	317	415	726	1,002	1,304	1,813	2,024	2,280	2,451
Developed Countries	237	383	678	1,196	1,965	1,966	2,027	2,441	3,210
Less Developed Countries	58	113	177	256	425	498	524	640	710
Poland	1,495	2,340	3,608	7,902	10,429	12,752	13,823	14,767	16,133
Of which:									
USSR	465	728	1,361	1,935	2,323	3,294	3,509	4,310	5,044
Eastern Europe	400	706	1,000	1,962	2,016	2,354	2,770	3,046	3,616
Developed Countries	447	583	938	3,501	5,335	6,199	6,798	6,374	6,160
Less Developed Countries	99	210	196	299	495	597	577	700	865
Romania	648	1,077	1,960	3,515	5,111	5,418	6,062	7,020	8,900
Of which:									
USSR	266	406	501	698	744	951	1,055	1,339	1,428
Eastern Europe	173	210	441	705	865	1,078	1,332	1,577	N.A.
Developed Countries	155	363	786	1,525	2,529	2,285	2,238	2,660	3,300
Less Developed Countries	20	55	117	321	603	732	1,087	1,026	1,600

¹ 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.

² Preliminary.

³ 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.

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Table 69

Billion US \$

**Net Financial Flows to Non-OPEC
Less Developed Countries**

	1973	1974	1975	1976	1977	1978
Total	18.0	32.4	39.7	43.9	48.5	N.A.
Official flows	11.2	19.1	23.7	22.9	25.5	N.A.
Bilateral	9.7	14.0	17.0	16.4	18.5	N.A.
Industrial Countries	8.1	10.1	11.2	10.7	11.7	N.A.
OPEC	1.0	3.2	5.4	5.2	6.2	4.9
Communist Countries	0.6	0.7	0.4	0.5	0.6	0.5
Multilateral	1.5	5.1	6.7	6.5	7.0	N.A.
IMF Oil Facility	0	1.1	1.6	0.6	0	0
Other	1.5	4.0	5.1	5.9	7.0	N.A.
Private flows	6.8	13.3	16.0	21.0	23.0	N.A.

Table 70

Million US \$

**Gross Official Bilateral Capital
Flows to the Less Developed Countries¹**

	1954-77	Annual Average 1954-70	1971	1972	1973	1974	1975	1976	1977
World	184,457	5,396	10,087	10,551	11,553	13,317	15,229	15,441	16,541
Development Assistance Committee ²	172,032	5,083	9,292	9,691	10,593	12,132	14,304	14,296	15,316
United States	81,233	2,953	4,000	3,586	3,685	4,631	5,063	4,989	5,072
France	26,935	795	1,118	1,438	1,623	1,806	2,462	2,436	2,540
West Germany	15,460	338	897	995	1,363	1,422	1,720	1,586	1,733
United Kingdom	10,632	352	605	679	581	688	694	721	683
Japan ³	12,610	220	1,283	1,282	1,389	1,206	1,219	1,038	1,457
Other Developed Countries ⁴	25,162	425	1,389	1,711	1,952	2,379	3,146	3,526	3,831
Communist Countries	12,425	315	795	860	960	1,185	925	1,145	1,225
USSR	7,165	215	415	430	500	700	500	460	540
Eastern Europe	2,940	60	190	170	220	230	245	370	460
China	2,320	40	190	260	240	255	180	315	225

¹ Total gross official capital flows include grants (less reparations and indemnification payments); gross loans with maturities of five years or more (although about 4 percent of the total for 1965-75 is made up of loans with maturities of one to five years); and net grant-like flows (loans repayable in recipients' currencies and transfers of resources through sales for recipients' currencies).

² Members of the Organization for Economic Cooperation and Development.

³ Data for the period 1954-68 exclude Japanese Eximbank and Overseas Economic Cooperation Fund supplier credits.

⁴ 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 Yugoslavia are excluded.

Table 71

Million US \$

Gross Official Bilateral Capital Flows¹ from Development Assistance Committee Members to the Less Developed Countries, 1954-77

	Total	United States	Other ²
Total	172,032	81,233	90,799
Africa	39,474	6,775	32,699
Algeria	5,542	472	5,070
Guinea	268	145	123
Other	33,664	6,158	27,506
East Asia	34,237	21,687	12,550
Indonesia	7,062	2,570	4,492
South Korea	7,698	5,808	1,890
Other	19,477	13,309	6,168
Latin America	29,617	16,811	12,806
Brazil	6,066	4,284	1,782
Chile	2,985	2,174	811
Other	20,566	10,353	10,213
Middle East and South Asia	49,454	28,615	20,839
Afghanistan	718	415	303
Egypt	3,555	2,165	1,390
India	17,503	9,610	7,893
Iran	2,168	1,166	1,002
Iraq	363	53	310
North Yemen	184	76	108
Pakistan	8,219	5,128	3,091
Syria	206	107	99
Turkey	3,922	2,600	1,322
Other	12,616	7,295	5,321
Europe	3,945	2,502	1,443
Other	15,305	4,843	10,462

¹ 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.

² Including Australia, Austria, Belgium, Canada, Denmark, Finland, France, Italy, Japan, Norway, the Netherlands, Sweden,

Switzerland, the United Kingdom, and West Germany; also including Portugal for the period 1954-72. New Zealand became a DAC member in 1974. Data for Japan for the period 1954-68 exclude Japanese Eximbank and Overseas Economic Cooperation Fund supplier credits.

Table 72

Million US \$

US Economic Loans and Grants Extended
to the Less Developed Countries ¹

	1946-78 ²	1972 ³	1973 ³	1974 ³	1975 ³	1976 ³	1977 ³	1978 ³
Total	N.A.	3,937	4,113	3,902	4,908	5,790	5,590	6,474
Africa	6,890	299	257	300	335	388	417	603
Ethiopia	366	33	12	36	24	14	6	10
Ghana	336	15	24	6	8	23	13	12
Liberia	268	17	19	6	16	7	21	7
Libya	212	Negl.	0	0	0	0	0	0
Morocco	954	38	30	20	24	49	27	36
Nigeria	408	25	11	6	9	1	0	0
Tunisia	836	41	17	10	13	13	24	39
Zaire	561	6	9	4	5	37	46	32
Other	2,949	124	135	212	236	244	280	467
East Asia	26,273	1,496	1,253	1,197	736	437	341	375
Indonesia	2,346	240	241	90	90	161	134	197
Kampuchea	849	58	93	276	149	0	0	0
Laos	900	52	51	40	26	0	0	1
Philippines	1,951	70	24	64	68	86	87	84
South Korea	5,889	252	188	37	37	138	77	59
Taiwan	2,207	0	0	0	0	0	0	0
Thailand	694	34	39	15	7	17	18	11
Other	11,437	790	517	675	359	35	25	23
Latin America	14,824	581	842	628	776	520	651	385
Argentina	199	0	0	Negl.	Negl.	Negl.	Negl.	0
Bolivia	775	60	27	47	26	32	46	53
Brazil	2,424	21	54	17	15	6	4	2
Chile	1,150	7	4	10	96	83	33	7
Colombia	1,332	116	97	54	28	42	9	7
Dominican Republic	543	27	16	17	12	30	14	6
Ecuador	302	10	17	8	8	5	4	6
Guatemala	395	17	12	5	14	48	21	11
Mexico	307	Negl.	Negl.	Negl.	Negl.	1	1	21
Panama	402	34	16	28	21	31	16	23
Peru	544	44	9	17	16	24	23	55
Venezuela	201	7	2	3	2	1	Negl.	0
Other	6,250	238	588	422	538	217	478	194

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Middle East and South Asia	33,353	920	754	539	1,786	2,932	2,396	2,577
Afghanistan	526	36	39	14	21	13	21	11
Bangladesh	1,313	286	161	80	304	219	145	194
Egypt	4,195	2	1	21	370	1,017	908	943
Greece	1,910	0	0	0	0	65	0	0
India	9,654	114	82	137	249	204	126	196
Iran	760	2	1	1	2	1	0	0
Israel	4,009	104	110	52	353	793	742	792
Jordan	1,248	59	71	64	99	148	84	103
Pakistan ⁴	4,893	165	178	102	181	268	108	78
Turkey	2,705	67	23	6	4	0	Negl.	1
Other	2,140	85	88	62	203	204	262	259
Europe and Oceania	N.A.	97	80	88	95	195	263	360
Spain	1,041	0	3	3	3	0	10	7
Other	N.A.	97	77	85	92	195	253	353
Interregional	16,783	544	927	1,150	1,180	1,318	1,522	2,174

¹ Data are for fiscal years and are for official development assistance, which is concessional. Data for 1976 include the transitional quarter—July, August, and September.

² Data are reported on a net basis, excluding total deobligations.

³ Data reported are on a gross basis.

⁴ Including Bangladesh prior to 1972.

Table 73

Million US \$

US Military Deliveries to the Less Developed Countries ¹

	1955-78	1973	1974	1975	1976	1977	1978
Total	59,464	5,735	4,428	4,757	6,005	7,168	7,874
Africa	975	18	28	31	81	153	228
Ethiopia	299	9	8	18	26	70	0
Libya	79	1	1	1	Negl.	Negl.	Negl.
Morocco	262	2	4	3	20	54	100
Tunisia	57	2	6	2	3	6	2
Zaire	77	1	1	1	4	9	13
Other	201	3	8	6	28	14	113
East Asia	23,459	4,761	1,868	2,023	729	679	1,094
Burma	85	Negl.	Negl.	Negl.	Negl.	Negl.	1
Malaysia	193	3	13	32	19	43	64
Philippines	635	16	24	21	45	52	58
South Korea	5,168	279	118	214	359	274	508
Taiwan	3,789	101	169	176	185	196	312
Thailand	1,009	89	46	52	69	53	116
Other	12,580	4,273	1,498	1,528	52	61	35
Latin America	2,231	82	95	145	220	214	111
Argentina	265	10	14	10	12	13	24
Brazil	571	25	27	47	90	15	13
Chile	273	3	7	13	41	58	12
Colombia	142	2	5	2	2	8	4
Ecuador	86	Negl.	Negl.	2	6	10	9
Peru	232	1	5	9	33	31	18
Uruguay	75	7	3	3	2	6	2
Venezuela	295	13	17	42	13	53	10
Other	292	21	17	17	21	20	19
Middle East and South Asia	31,062	785	2,367	2,496	4,826	5,918	6,314
Greece	2,618	49	113	148	362	275	229
India	203	1	1	3	10	11	11
Iran	10,077	261	684	1,056	2,036	2,571	1,924
Israel	6,180	212	1,032	709	1,017	1,078	1,068
Jordan	823	42	49	33	139	120	182
Pakistan	920	5	13	15	16	44	55
Saudi Arabia	6,194	92	348	362	1,094	1,571	2,376
Turkey	3,395	113	123	157	117	49	175
Other	652	10	4	13	35	199	294

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Europe	1,737	89	70	62	149	204	127
Portugal	271	2	3	2	2	4	29
Spain	1,466	87	67	60	147	200	98

¹ Fiscal years. Including deliveries under the following programs: (a) Military Assistance Program grants under the various Mutual Security Acts; (b) Foreign Military Sales, which consist of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (c) Excess Stock Sales, which involve surplus equipment that has been valued at 33 percent of the

original acquisition value. The Military Assistance Service Funded program, designed to support non-US forces engaged in combat in Indochina, was provided directly from the US military budget and was not included in earlier reporting. US data exclude some \$700 million in naval equipment made available under the Ship Loan and Lease Program.

Table 74

Million US \$

116

Communist Economic Aid to the Less Developed Countries

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total	30,930	13,440	17,088	7,595	9,086	3,305	4,756	2,540
1954-68	9,490	4,190	6,080	2,875	2,386	805	1,024	520
1969-78	21,440	9,250	11,008	4,720	6,700	2,500	3,732	2,020
1969	895	535	476	355	403	105	16	70
1970	1,177	605	200	390	196	145	781	70
1971	2,172	795	1,126	415	484	190	563	190
1972	2,176	860	654	430	915	170	607	260
1973	1,920	960	714	500	605	220	600	240
1974	2,011	1,185	816	700	914	230	282	255
1975	2,811	930	1,934	500	511	245	366	180
1976	1,902	1,145	979	460	773	370	150	315
1977	982	1,225	402	540	397	460	182	225
1978	5,394	1,010	3,707	430	1,502	365	185	215

Million US \$

Table 75

Communist Military Agreements Concluded and Deliveries to the Less Developed Countries

	Total		USSR		Eastern Europe		China	
	Agreements Concluded	Deliveries	Agreements Concluded	Deliveries	Agreements Concluded	Deliveries	Agreements Concluded	Deliveries
Total	33,825	28,675	29,655	25,310	3,255	2,605	910	755
1955-68	6,565	5,505	5,495	4,585	805	750	250	170
1969-78	27,260	23,170	24,160	20,725	2,450	1,855	660	585
1969	485	555	360	450	125	80	Negl.	25
1970	1,265	1,105	1,150	995	50	80	65	30
1971	1,790	1,045	1,590	865	120	120	80	60
1972	1,865	1,360	1,635	1,215	150	70	80	75
1973	2,965	3,330	2,810	3,130	130	120	25	80
1974	4,840	2,500	4,225	2,310	530	165	85	25
1975	2,290	2,190	2,035	1,845	215	255	40	85
1976	3,730	2,970	3,375	2,575	215	315	145	80
1977	5,710	3,910	5,215	3,515	450	325	50	70
1978	2,320	4,205	1,765	3,825	465	325	90	55

Table 76

Million US \$

118

Communist Economic Aid Extended to
the Less Developed Countries

	USSR			Eastern Europe			China		
	1954-78	1977	1978	1954-78	1977	1978	1956-78	1977	1978
Total	17,088	402	3,707	9,086	397	1,502	4,756	182	185
Africa	3,989	31	2,010	2,350	153	627	2,668	119	71
Algeria	716	0	0	524	0	0	92	0	0
Angola	17	6	1	88	N.A.	76	0	0	0
Benin	5	0	0	N.A.	0	0	44	0	0
Cameroon	8	0	0	0	0	0	71	0	0
Chad	5	0	0	0	0	0	50	0	0
Congo	28	0	0	60	3	0	75	0	0
Ethiopia	105	0	Negl.	95	23	45	102	0	0
Ghana	94	1	0	105	0	0	42	0	0
Guinea	212	1	0	110	0	0	83	0	Negl.
Kenya	48	0	0	0	0	0	18	0	0
Madagascar	20	0	6	0	0	0	89	0	0
Mali	90	0	1	23	0	0	100	0	0
Mauritania	8	0	0	10	0	0	87	0	0
Morocco	2,098	0	2,000	170	0	89	35	0	0
Mozambique	N.A.	5	0	17	12	2	60	Negl.	0
Niger	2	0	0	0	0	0	52	0	0
Nigeria	7	0	0	80	0	N.A.	0	0	0
Senegal	8	Negl.	0	35	0	0	60	0	Negl.
Sierra Leone	28	0	0	0	0	0	41	0	0
Somalia	164	0	0	6	Negl.	0	155	0	18
Sudan	65	0	0	240	62	24	82	0	Negl.
Tanzania	38	18	0	23	0	3	362	0	0
Togo	0	0	0	0	0	0	45	0	0
Tunisia	96	0	0	210	35	0	97	57	0
Upper Volta	6	0	Negl.	0	0	0	51	0	Negl.
Zaire	0	0	0	0	0	0	103	0	Negl.
Zambia	9	0	0	62	0	12	331	0	0
Other	112	0	2	492	18	376	341	62	53
East Asia	261	0	0	552	0	170	274	0	0
Burma	16	0	0	173	0	140	84	0	0
Indonesia	214	0	0	292	0	0	47	0	0
Kampuchea	25	0	0	17	0	0	92	0	0
Philippines	0	0	0	66	0	30	0	0	0
Other	6	0	0	4	0	0	51	0	0

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Latin America	964	30	15	1,599	90	244	154	0	2
Argentina	220	0	0	294	0	0	0	0	0
Bolivia	69	0	0	52	15	0	0	0	0
Brazil	88	0	0	621	0	200	0	0	0
Chile	238	0	0	145	0	0	65	0	0
Colombia	211	0	0	81	0	10	0	0	0
Peru	25	0	0	216	1	0	42	0	0
Other	113	30	15	190	74	34	47	0	2
Middle East and South Asia	11,874	341	1,682	4,585	154	461	1,615	63	112
Afghanistan	1,263	0	0	39	0	0	76	0	0
Bangladesh	304	0	0	159	0	0	74	63	0
Egypt	1,440	0	0	890	95	0	134	0	0
India	2,282	340	0	455	0	0	0	0	0
Iran	1,165	0	0	686	0	0	0	0	0
Iraq	705	0	0	493	50	0	45	0	0
Nepal	30	1	0	0	0	0	183	0	0
North Yemen	143	0	38	13	0	0	130	0	22
Pakistan	921	0	225	126	6	0	598	0	25
South Yemen	204	0	90	66	3	6	79	0	0
Sri Lanka	158	0	60	93	0	20	222	0	60
Syria	768	0	0	954	0	150	61	0	0
Turkey	2,380	0	1,200	396	0	85	0	0	0
Other	111	0	69	215	0	200	13	0	5
Europe	0	0	0	0	0	0	45	0	0
Malta	0	0	0	0	0	0	45	0	0

Table
1977-1978-1979 Expenditures

Table 77

Million US \$

Soviet Economic Aid Extended
to the Communist Countries ¹

	1954-78	1954-70	1971-78	1971	1972	1973	1974	1975	1976	1977	1978
Total	15,202	9,524	5,678	1,620	1,171	437	289	150	1,476	205	330
Eastern Europe	6,283	3,846	2,437	1,111	0	0	0	0	1,326	0	0
Bulgaria	1,993	1,993	0	0	0	0	0	0	0	0	0
Czechoslovakia	14	14	0	0	0	0	0	0	0	0	0
East Germany	990	990	0	0	0	0	0	0	0	0	0
Hungary	348	348	0	0	0	0	0	0	0	0	0
Poland	2,815	378	2,437	1,111	0	0	0	0	1,326	0	0
Romania	123	123	0	0	0	0	0	0	0	0	0
Far East	1,067	1,067	0	0	0	0	0	0	0	0	0
China	495	495	0	0	0	0	0	0	0	0	0
North Korea	118	118	0	0	0	0	0	0	0	0	0
Vietnam	454	454	0	0	0	0	0	0	0	0	0
Other	7,852	4,611	3,241	509	1,171	437	289	150	150	205	330
Albania	65	65	0	0	0	0	0	0	0	0	0
Cuba	5,330	2,629	2,701	509	631	437	289	150	150	205	330
Mongolia	1,609	1,609	0	0	0	0	0	0	0	0	0
Yugoslavia	848	308	540	0	540	0	0	0	0	0	0

¹ Excluding data for Eastern Europe prior to 1956 because war reparations, other assets, and privileged arrangements obtained by the USSR from these countries created a heavy net flow of capital toward the USSR during these years; data are unavailable for North Korea and Vietnam after 1965 and for Mongolia after 1967;

the data exclude Soviet sugar subsidy payments to Cuba. Because of the large trade deficits East European countries have had with the USSR in recent years, it is likely that there have been unpublicized credits.

STAT

Table 78

Million US \$

Arms Exports to the Less Developed Countries ¹

	1955-78	1955-71	1972-78	1972	1973	1974	1975	1976	1977	1978 ²
Total	110,415	33,860	76,555	6,540	10,390	8,490	8,895	12,135	14,475	15,630
Non-Communist Countries	80,870	25,645	55,225	5,175	7,040	5,980	6,595	8,850	10,360	11,225
United States ³	59,465	19,520	39,945	3,975	5,735	4,430	4,755	6,005	7,170	7,875
Western Europe	17,790	5,230	12,560	1,010	1,100	1,270	1,360	2,250	2,610	2,960
United Kingdom	5,850	2,450	3,400	240	305	410	340	505	700	900
France	5,805	1,445	4,360	375	515	405	360	685	890	1,130
West Germany	3,055	615	2,440	220	105	185	320	530	550	530
Italy	1,600	290	1,310	85	95	190	185	270	265	220
Belgium	630	165	465	5	20	50	50	115	120	105
Switzerland	305	140	165	40	15	15	25	20	25	25
Netherlands	295	60	235	35	35	5	55	55	20	30
Spain	250	65	185	10	10	10	25	70	40	20
Other	3,615	895	2,720	190	205	280	480	595	580	390
Communist Countries	29,545	8,215	21,330	1,365	3,350	2,510	2,300	3,285	4,115	4,405
USSR	25,310	6,895	18,415	1,215	3,130	2,310	1,845	2,575	3,515	3,825
China	755	290	465	75	75	25	85	80	70	55
Eastern Europe	2,605	1,030	1,575	70	120	165	255	315	325	325
Other	875	N.A.	875	5	25	10	115	315	205	200

¹ Including military sales and downpayments, as well as military aid. Data have been rounded to the nearest \$5 million.

² Preliminary.

³ Data are for fiscal years. Until 1972 US Department of Defense

data did not include the Military Assistance Service Funded (MASF) program. The sharp increase in exports beginning in 1972 is accounted for to some extent by the inclusion of this category of assistance.

Table 79

Number of Persons

**Trainees Departing From the Less Developed Countries
for Training in Communist Countries ¹**

	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total trainees	7,845	8,140	9,845	11,755	12,660	13,880	16,350	13,835	14,830
USSR and Eastern Europe	7,535	7,670	8,795	11,260	12,425	13,290	16,135	13,415	14,685
China	310	470	1,050	495	235	590	215	420	145
Academic trainees	3,645	4,100	4,270	5,375	4,645	5,060	7,965	7,950	8,720
USSR and Eastern Europe	3,645	4,100	4,070	5,275	4,615	4,995	7,905	7,875	8,665
China	0	0	200	100	30	65	60	75	55
Technical trainees	1,650	2,835	2,360	3,715	4,380	4,135	5,320	3,155	3,290
USSR and Eastern Europe	1,650	2,835	2,360	3,715	4,300	4,095	5,265	3,005	3,250
China	0	0	0	0	80	40	55	150	40
Military trainees	2,550	1,205	3,215	2,665	3,635	4,685	3,065	2,730	2,820
USSR and Eastern Europe	2,240	735	2,365	2,270	3,510	4,200	2,965	2,535	2,770
China	310	470	850	395	125	485	100	195	50

¹ Rounded to the nearest five. Data are for persons departing for training and not necessarily those completing training.

Table 80

Number of Persons

**Military Trainees Departing From the Less Developed Countries
for Training in Communist Countries, 1955-78**

	Total	USSR	Eastern Europe	China
Total	52,900	43,800	5,975	3,125
Africa	17,525	13,425	1,400	2,700
Algeria	2,275	2,050	200	25
Benin	25	25	0	0
Burundi	75	75	0	0
Cameroon	125	0	0	125
Congo	850	350	75	425
Equatorial Guinea	200	200	0	0
Ghana	175	175	0	0
Guinea	1,250	850	50	350
Guinea-Bissau	100	100	0	0
Libya	1,350	1,275	75	0
Mali	400	350	Negl.	50
Morocco	150	75	75	0
Nigeria	725	700	25	0
Sierra Leone	150	0	0	150
Somalia	2,575	2,400	150	25
Sudan	550	325	25	200
Tanzania	2,850	1,825	Negl.	1,025
Togo	50	0	0	50
Zaire	75	0	0	75
Zambia	125	75	0	50
Other	3,450	2,575	725	150
East Asia	9,300	7,600	1,700	0
Indonesia	9,275	7,575	1,700	0
Kampuchea	25	25	0	0
Latin America	725	725	0	0
Peru	725	725	0	0
Middle East and South Asia	25,350	22,050	2,875	425
Afghanistan	4,025	3,725	300	0
Bangladesh	475	450	0	25
Egypt	6,250	5,675	575	0
India	2,250	2,175	75	0
Iran	325	325	0	0
Iraq	4,350	3,650	700	0

Table 80 (continued)

Number of Persons

**Military Trainees Departing From the Less Developed Countries
for Training in Communist Countries, 1955-78**

	Total	USSR	Eastern Europe	China
Middle East and South Asia (continued)				
North Yemen	1,175	1,175	0	0
Pakistan	425	50	0	375
South Yemen	1,100	1,075	25	0
Sri Lanka	Negl.	Negl.	0	Negl.
Syria	4,950	3,750	1,200	0
Other	25	0	0	25

¹ Rounded to the nearest twenty-five. Data are for persons departing for or in training but not necessarily completing training.

Table 81

Number of Persons

**Communist Economic Technicians¹ in
the Less Developed Countries, 1978**

	Total	USSR and Eastern Europe	China	Cuba	North Korea
Total	107,995	72,655	22,005	12,525	810
Africa	75,350	43,805	19,330	11,420	795
Algeria	11,750	11,400	300	50	0
Angola	9,910	1,400	10	8,500	0
Ethiopia	1,400	650	250	500	0
Ghana	175	95	80	0	0
Guinea	1,035	700	300	35	0
Liberia	210	10	200	0	0
Libya	23,305	22,200	5	400	700
Mali	1,025	475	550	0	0
Mauritania	360	60	300	0	0
Somalia	3,050	50	3,000	0	0
Sudan	775	125	650	0	0
Tanzania	1,365	165	1,000	200	0
Tunisia	790	705	85	0	0
Uganda	70	35	35	0	0
Zambia	5,645	125	5,500	20	0
Other and undistributed	14,485	5,610	7,065	1,715	95
East Asia	220	85	135	0	0
Burma	135	10	125	0	0
Indonesia	30	30	0	0	0
Other	55	45	10	0	0
Latin America	1,050	700	160	190	0
Bolivia	125	125	0	0	0
Jamaica	125	15	10	100	0
Peru	205	185	10	10	0
Other	595	375	140	80	0
Middle East and South Asia	31,220	28,035	2,255	915	15
Afghanistan	2,200	2,075	125	0	0
Bangladesh	255	105	150	0	0
Egypt	1,025	1,000	25	0	0
India	1,200	1,200	0	0	0
Iran	5,100	5,100	0	0	0
Iraq	7,115	6,450	250	415	0

Table 81 (continued)

Number of Persons

**Communist Economic Technicians¹ in
the Less Developed Countries, 1978**

	Total	USSR and Eastern Europe	China	Cuba	North Korea
Middle East and South Asia (continued)					
Nepal	285	5	280	0	0
North Yemen	470	155	300	0	15
Pakistan	935	635	300	0	0
South Yemen	2,025	1,075	450	500	0
Sri Lanka	450	125	325	0	0
Syria	5,950	5,925	25	0	0
Turkey	1,500	1,500	0	0	0
Other and undistributed	2,710	2,685	25	0	0
Europe	155	30	125	0	0
Malta	155	30	125	0	0

¹ Rounded to the nearest five. Data are minimum estimates of the number of persons present for one month or more.

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Table 82

Thousand Barrels Per Day of Oil Equivalent

Primary Energy Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	21,143	24,918	30,801	30,867	30,102	29,791	29,652	29,315	29,960
Canada	1,750	2,539	3,709	4,942	4,893	4,678	4,552	4,763	4,774
Japan	1,017	1,106	1,028	780	866	874	923	816	851
Norway	158	255	298	403	427	590	721	670	803
European Community	6,920	7,240	7,170	7,700	7,780	8,170	8,480	8,900	9,150
Belgium ²	31	274	161	129	120	147	160	158	156
France	1,082	1,115	1,026	860	875	899	818	953	957
Italy	395	423	490	502	504	510	522	544	554
Netherlands	216	233	648	1,278	1,503	1,616	1,731	1,575	1,481
United Kingdom	2,691	2,680	2,346	2,452	2,286	2,571	2,787	3,345	3,650
West Germany	2,503	2,521	2,495	2,476	2,487	2,418	2,456	2,314	2,350
Other Countries									
Iran	1,126	1,977	3,920	6,270	6,492	5,802	6,349	6,125	5,668
Kuwait	1,766	2,451	3,138	3,171	2,686	2,225	2,291	2,125	2,271
Saudi Arabia	1,405	2,313	3,929	7,763	8,717	7,313	8,877	9,543	8,653
Communist Countries									
USSR and Eastern Europe	13,200	17,800	22,300	25,100	26,400	27,800	29,200	30,500	31,700
USSR	9,280	13,210	17,020	19,550	20,710	21,920	23,150	24,290	25,400
Eastern Europe	3,870	4,570	5,280	5,550	5,660	5,840	6,030	6,180	6,300
Bulgaria	109	144	151	133	123	143	145	154	156
Czechoslovakia	761	865	906	898	908	907	931	948	958
East Germany	1,027	1,113	1,172	1,105	1,113	1,126	1,143	1,171	1,171
Hungary	207	254	277	276	276	270	286	292	304
Poland	1,278	1,531	1,895	2,133	2,197	2,294	2,384	2,479	2,561
Romania	487	666	879	1,009	1,039	1,096	1,145	1,133	1,154
Far East									
China	3,278	2,795	4,286	5,635	5,998	6,969	7,282	8,254	9,243
North Korea	N.A.	324	466	546	N.A.	622	618	622	644
Other									
Yugoslavia	202	286	330	362	400	402	419	458	472

¹ Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalent, and exclude minor fuels such as peat, shale, and fuelwood.

² Including data for Luxembourg.

Thousand Barrels per Day of Oil Equivalent

Table 83

Primary Energy Consumption¹

1965 = 3570

	1960	1965	1970	1973	1974	1975	1976	1977
OECD								
United States	20,628	24,782	31,577	35,233	34,292	33,557	35,514	36,339
Canada	1,960	2,417	3,148	3,882	3,832	3,902	3,940	4,067
Japan	1,931	3,179	5,821	7,068	7,107	6,950	7,100	7,205
Norway	186	267	360	408	401	406	428	406
European Community								
Belgium ²	588	751	971	1,093	1,064	973	1,030	1,022
France	1,840	2,364	3,080	3,781	3,669	3,431	3,645	3,677
Italy	1,058	1,617	2,479	2,796	2,793	2,663	2,840	2,875
Netherlands	487	735	1,156	1,468	1,408	1,392	1,522	1,485
United Kingdom	3,506	3,962	4,358	4,587	4,394	4,129	4,200	4,286
West Germany	2,960	3,762	4,798	5,390	5,266	4,919	5,329	5,295
Other Countries								
Iran	97	135	356	520	586	625	701	787
Kuwait	49	93	92	118	119	122	128	134
Saudi Arabia	20	35	90	125	145	175	201	231
Communist Countries								
USSR and Eastern Europe								
USSR ³	8,520	11,600	14,840	17,230	18,050	18,870	20,190	20,600
Eastern Europe								
Bulgaria	132	254	391	470	504	526	550	591
Czechoslovakia	798	986	1,138	1,243	1,275	1,298	1,361	1,452
East Germany	1,171	1,336	1,479	1,538	1,555	1,576	1,617	1,676
Hungary	269	360	431	475	489	509	533	548
Poland	1,053	1,295	1,662	1,863	1,926	2,078	2,185	2,293
Romania	376	565	844	1,031	1,044	1,125	1,219	1,244
Other								
Yugoslavia	227	331	448	542	597	598	639	677

¹ Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalent. Data exclude minor fuels such as peat, shale, and fuelwood and include marine bunkers.

² Including data for Luxembourg.

³ Including peat, shale, and fuelwood.

Table 84

Thousand Barrels Per Day of Oil Equivalent

Primary Energy Production, by Type¹

	1965				1970				1978			
	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear
OECD												
United States	6,531	9,545	7,819	1,023	7,359	11,380	10,686	1,394	7,244	10,280	9,503	2,933
Canada	124	1,115	703	597	171	1,625	1,110	803	365	1,580	1,503	1,326
Japan	673	15	31	385	538	18	45	427	257	12	45	537
Norway	6	0	0	249	6	0	0	292	6	390	0	407
European Community												
Belgium ²	268	0	0	6	154	0	1	6	88	0	0	68
France	706	80	87	236	523	68	118	317	277	40	135	505
Italy	9	46	134	234	9	30	227	224	5	18	234	297
Netherlands	155	50	28	0	59	43	544	2	0	35	1,427	19
United Kingdom	2,580	Negl.	4	158	1,992	0	194	160	1,673	1,120	626	231
West Germany	2,234	161	48	78	1,999	152	224	120	1,622	104	339	285
Other Countries												
Iran	4	1,950	21	2	7	3,870	35	8	12	5,245	391	20
Kuwait	0	2,420	31	0	0	3,050	88	0	0	2,170	101	0
Saudi Arabia	0	2,295	18	0	0	3,890	39	0	0	8,545	108	0
Communist Countries												
USSR and Eastern Europe												
USSR	5,780	4,850	2,100	480	6,060	7,040	3,270	650	6,800	10,920	5,730	840
Eastern Europe												
Bulgaria	125	5	1	14	125	7	8	12	100	4	Negl.	52
Czechoslovakia	816	4	14	44	861	4	17	23	915	2	16	25
East Germany	1,105	1	1	7	1,150	1	10	12	1,075	1	55	40
Hungary	200	36	18	1	182	39	56	1	141	44	118	1
Poland	1,495	7	23	5	1,788	8	84	11	2,415	7	126	13
Romania	75	264	321	6	125	281	460	13	150	288	681	35
Far East												
China	2,384	227	462	22	3,274	603	365	45	6,134	2,082	920	107
North Korea	214	0	0	110	362	0	0	104	532	0	0	112
Other												
Yugoslavia	180	40	6	60	164	56	18	93	215	79	35	143

¹ Data are for coal, crude oil, natural gas, and hydroelectric and nuclear electric power expressed in terms of oil equivalent, and exclude minor fuels such as peat, shale, and fuelwood.

² Including data for Luxemb.

Table 85

Proved Reserves of Crude Oil, Natural Gas,
and Coal, Yearend 1978¹

	Crude Oil (Billion Barrels)	Natural Gas (Trillion Cubic Feet)	Coal ² (Million Metric Tons)
OECD			
United States	28	205	178,600
Canada	6	59	9,400
Norway	6	24	N.A.
European Community			
United Kingdom	16	27	45,000
West Germany	Negl.	6	34,400
Other Countries			
Abu Dhabi	30	20	0
Algeria	6	105	N.A.
Brazil	1	2	8,400 15,000
Ecuador	1	4	0
Egypt	3	3	Negl.
India	3	4	33,700
Indonesia	10	24	1,400
Iran	59	500	200
Iraq	32	28	0
Kuwait	66	31	0
Libya	24	24	0
Mexico	16	32	900
Nigeria	18	42	100
Oman	2	2	0
Qatar	4	40	0
Saudi Arabia	166	94	0
South Africa	0	0	26,900
Syria	2	2	0
Venezuela	18	41	1,000
Communist Countries			
USSR and Eastern Europe			
USSR	35	1,020 ³	256,000 ³
Eastern Europe			
Poland	Negl.	5	21,800
Romania	1	9	400
Far East			
China	20	25	98,900

Table 85 (continued)**Proved Reserves of Crude Oil, Natural Gas,
and Coal, Yearend 1978¹**

	Crude Oil (Billion Barrels)	Natural Gas (Trillion Cubic Feet)	Coal ² (Million Metric Tons)
Communist Countries (continued)			
Other			
North Korea	0	0	8,000
Yugoslavia	Negl.	1	8,500

¹ The portion of total resources which has been assessed as being exploitable under local economic conditions and available technology. Data for the non-Communist countries exclude brown coal and lignite. Data for coal are expressed in terms of coal equivalent (7,000 kilocalories per kilogram).

² Yearend 1977.

³ Including proved, probable, and some possible reserves.

Table 86 Thousand Barrels per Day**Crude Oil Refining Capacity
1 January 1979**

OECD	43,323.1
United States	17,169.9
Australia	708.1
Canada	2,220.1
Japan	5,675.6
Spain	1,424.9
European Community	16,124.5
Belgium	971.9
France	3,468.6
Italy	4,196.9
Netherlands	1,857.3
United Kingdom	2,526.8
West Germany	3,103.0
OPEC	4,818.3
Abu Dhabi	15.0
Algeria	122.4
Ecuador	92.8
Gabon	20.0
Indonesia	527.7
Iran	920.5
Iraq	168.5
Kuwait	712.0
Libya	137.1
Nigeria	159.0
Qatar	10.5
Saudi Arabia	487.3
Venezuela	1,445.5
Other Countries	
Argentina	655.2
Bahamas	500.0
Brazil	1,209.2
Egypt	250.0
India	625.8
Mexico	1,243.5
Netherlands Antilles	842.0
Singapore	917.7
Trinidad and Tobago	461.0
Virgin Islands	728.0

Table 86 (continued) Thousand Barrels per Day**Crude Oil Refining Capacity
1 January 1979**

Communist Countries	
USSR and Eastern Europe	11,410.0
USSR	9,000.0
Eastern Europe	2,410.0
Bulgaria	280.0
Czechoslovakia	420.0
East Germany	440.0
Hungary	290.0
Poland	420.0
Romania	560.0
Far East	
China	1,800.0
North Korea	90.0
Other	
Cuba	125.0
Yugoslavia	350.0

Table 87

Thousand Barrels per Day

Crude Oil Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD ²	7,860	9,010	11,500	11,700	11,200	10,700	10,700	11,300	12,100
United States	7,055	7,804	9,648	9,210	8,770	8,375	8,130	8,180	8,700
Canada	526	793	1,305	1,800	1,695	1,460	1,300	1,320	1,315
European Community	221	309	264	209	197	204	431	954	1,260
Other Countries									
Abu Dhabi	0	282	691	1,305	1,410	1,370	1,585	1,650	1,445
Algeria	183	544	976	1,070	960	975	1,020	1,095	1,100
Gabon	16	25	104	150	200	225	225	225	210
Indonesia	411	501	855	1,340	1,375	1,305	1,505	1,685	1,635
Iran	1,068	1,895	3,831	5,860	6,020	5,350	5,885	5,665	5,200
Iraq	1,004	1,311	1,563	2,020	1,970	2,260	2,415	2,495	2,515
Kuwait ³	1,696	2,362	2,983	3,020	2,545	2,085	2,145	1,970	2,095
Libya	0	1,238	3,321	2,175	1,520	1,480	1,935	2,065	1,975
Mexico	271	328	420	450	575	715	800	980	1,205
Nigeria	17	263	1,090	2,055	2,255	1,785	2,070	2,085	1,910
Qatar	175	227	367	570	520	440	495	445	480
Saudi Arabia ³	1,315	2,204	3,789	7,595	8,480	7,075	8,575	9,200	8,295
Venezuela	2,846	3,473	3,708	3,365	2,976	2,345	2,295	2,240	2,165
Communist Countries									
USSR and Eastern Europe	3,220	5,150	7,320	8,780	9,380	9,990	10,500	11,100	11,600
USSR	2,943	4,835	6,976	8,420	9,020	9,630	10,170	10,700	11,210
Eastern Europe	277	317	340	356	362	363	366	364	346
Bulgaria	4	5	7	4	3	2	2	3	4
Czechoslovakia	3	4	4	3	3	3	3	2	2
East Germany	1	1	1	1	1	1	1	1	1
Hungary	24	36	39	40	40	40	43	44	44
Poland	4	7	8	8	11	11	9	7	7
Romania	241	264	281	300	304	306	308	307	288
Far East									
China ^{2 4}	102	227	603	1,137	1,365	1,541	1,735	1,874	2,082

Table 87 (continued)

Thousand Barrels per Day

Crude Oil Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
Communist Countries (continued)									
Other									
Albania	15	16	30	34	35	37	38	38	N.A.
Cuba	1	1	3	3	3	5	5	5	5
Yugoslavia	18	40	56	64	67	72	75	76	79

¹ Unless otherwise indicated, data are for crude oil and exclude natural gas liquids, shale oil, natural gasoline, and synthetic crude oil.

² Including shale oil.

³ Including about one-half of neutral zone production, which amounted to about 460,000 barrels per day in 1978.

⁴ Including small quantities of synthetic crude oil.

Table 88

Thousand Barrels per Day

Crude Oil Consumption

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States	9,797	11,513	14,697	16,855	16,175	15,860	16,985	17,895	18,240
Japan	590	1,750	4,000	5,390	5,250	4,965	5,160	5,400	5,510
Canada	837	1,115	1,484	1,755	1,690	1,765	1,770	1,765	1,800
Western Europe	4,007	7,661	12,402	14,690	13,775	12,970	13,860	13,645	14,070
Belgium-Luxembourg Netherlands	420	835	1,290	1,470	1,280	1,225	1,335	1,300	1,280
France	579	1,117	1,949	2,485	2,370	2,145	2,330	2,275	2,400
Italy	475	1,042	1,760	2,080	2,050	1,905	1,970	1,920	2,015
Spain ¹	121	253	540	760	805	895	995	900	945
United Kingdom	975	1,473	2,030	2,270	2,120	1,840	1,850	1,865	1,925
West Germany	659	1,569	2,572	2,985	2,700	2,555	2,775	2,735	2,900
Other	778	1,372	2,261	2,635	2,455	2,405	2,600	2,655	2,605

¹ Including the Canary Islands.**Table 89**

Thousand Barrels per Day

Major Exporters of Oil ¹

	1970	1971	1972	1973	1974	1975	1976	1977	1978
Non-Communist Countries ²									
Abu Dhabi	695	928	1,050	1,293	1,420	1,369	1,582	1,643	1,425
Algeria	985	693	1,007	1,029	938	940	985	1,065	1,165
Indonesia	725	749	943	1,167	1,160	1,095	1,326	1,473	1,370
Iran	3,519	4,173	4,675	5,424	5,529	4,886	5,330	4,986	4,685
Iraq	1,496	1,619	1,437	1,930	1,853	2,064	2,248	2,309	2,415
Kuwait	2,831	3,009	3,136	2,847	2,396	1,944	2,128	1,938	2,060
Libya	3,312	2,747	2,214	2,174	1,490	1,478	1,900	2,034	1,945
Nigeria	1,051	1,486	1,759	1,993	2,183	1,719	2,024	2,044	1,835
Saudi Arabia	3,564	4,481	5,764	7,346	8,244	6,932	8,422	8,993	8,135
Venezuela	3,465	3,282	3,065	3,150	2,752	2,086	2,132	1,963	1,930
Communist Countries									
USSR	1,920	2,110	2,140	2,380	2,340	2,600	2,970	3,120	3,250

¹ Including refined products.² Excluding bunkers.

Table 90

Thousand Barrels per Day

Major Importers of Oil

	1970	1971	1972	1973	1974	1975	1976	1977	1978
OECD									
United States	3,419	3,926	4,741	6,256	6,088	6,056	7,295	8,808	8,228
Canada	800	866	941	1,027	903	865	756	714	665
Japan	4,206	4,442	4,839	5,576	5,460	5,008	5,235	5,454	5,347
European Community									
France	2,146	2,333	2,557	2,875	2,742	2,278	2,598	2,514	2,494
Italy	2,345	2,426	2,485	2,669	2,516	2,121	2,268	2,302	2,362
United Kingdom	2,487	2,586	2,613	2,738	2,585	2,067	2,052	1,691	1,596
West Germany	2,676	2,764	2,880	3,046	2,796	2,509	2,809	2,768	2,848
Other Countries									
Brazil	380	456	515	751	728	731	837	N.A.	N.A.
India	264	304	313	343	340	320	316	N.A.	N.A.
Philippines	188	186	188	191	188	197	213	N.A.	N.A.
Thailand	105	129	151	172	142	167	174	N.A.	N.A.

Table 91

Thousand Barrels per Day

Imports of Crude Oil and Refined Products
by the OECD Countries, 1978

	OECD	US ¹	Japan ²	Canada	Western Europe								Aus- tralia	New Zealand
					Total	West Germany	France	United Kingdom	Italy	Netherlands	Spain	Other		
Algeria	1,070	635	7	0	428	199	75	7	82	11	25	29	0	0
Bahrain	43	3	36	0	4	0	0	4	0	0	0	0	0	0
Egypt	61	20	Negl.	0	41	8	8	25	0	0	0	0	0	0
Iraq	1,835	75	153	25	1,552	58	411	180	379	80	116	328	30	0
Kuwait	1,364	11	508	0	799	44	48	226	212	149	37	83	41	5
Libya	1,722	741	3	0	978	307	67	31	304	36	114	119	0	0
Qatar	364	64	108	0	191	12	84	9	17	18	11	40	1	0
Saudi Arabia	6,218	1,228	1,712	133	3,049	294	803	281	455	324	326	566	83	13
Syria	83	7	0	0	76	29	47	0	0	0	0	0	0	0
UAE	1,736	424	484	0	807	131	194	81	80	76	91	154	21	0
OAPEC	14,496	3,208	3,011	158	7,925	1,082	1,737	844	1,529	694	720	1,319	176	18
Ecuador	65	64	0	1	0	0	0	0	0	0	0	0	0	0
Gabon	112	49	0	0	63	22	23	0	3	8	0	7	0	0
Indonesia	1,299	599	657	0	26	17	0	0	2	0	0	7	16	1
Iran	3,809	771	852	110	2,053	347	209	185	294	325	173	520	7	16
Nigeria	1,718	984	0	0	734	207	162	39	21	200	4	101	0	0
Venezuela	1,311	876	6	222	207	26	15	24	47	9	39	47	0	0
OPEC ³	22,623	6,521	4,490	491	10,887	1,664	2,091	1,063	1,896	1,236	936	2,001	199	35
Canada	338	318	0	0	19	3 ⁴	0	0	0	2	1	13	0	1
Mexico	469	469	0	0	0	0	0	0	0	0	0	0	0	0
Other	3,257 ⁴	230	787	162	4,662 ⁴	343	153	306	408	233	41	531	48	15
Total	26,874 ⁵	7,568	5,313	653	15,689 ⁵	2,047	2,299	1,398	2,304	1,471	978	2,545	247	51
Consumption ⁶	40,659	18,822	5,293	1,811	14,078	2,860	2,369	1,893	1,969	807	981	3,199	573	82

¹ Products traced to source of crude oil.² Excluding government-owned stockpiles offshore.³ Organization of Arab Petroleum Exporting Countries (OAPEC) members excluding Bahrain, Egypt, and Syria plus other countries shown.⁴ Including unknown.⁵ Because of intra-OECD trade, components do not add to the totals shown.⁶ Including bunkers, refinery fuel, and losses.

Table 92

Million Barrels per Day

Petroleum Products Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	7.25	8.54	11.27	12.89	12.11	13.50	14.50	15.74	15.49
Canada	0.72	0.90	1.23	1.63	1.73	1.64	1.73	1.83	1.80
Japan	0.51	1.36	3.31	4.85	4.12	4.14	4.61	4.71	4.63
Spain	0.12	0.27	0.62	0.86	0.84	0.87	1.02	1.01	1.02
Sweden	0.06	0.08	0.24	0.21	0.20	0.21	0.29	0.29	0.31
European Community	3.05	5.87	10.2	11.7	11.2	9.68	10.6	10.6	10.5
Belgium	0.13	0.30	0.56	0.71	0.58	0.56	0.53	0.71	0.63
France	0.59	1.14	1.94	2.53	2.40	2.12	2.42	2.36	2.31
Italy	0.54	1.22	2.14	2.28	2.25	1.88	2.02	2.03	2.13
Netherlands	0.35	0.54	1.07	1.30	1.14	1.02	1.21	1.13	1.05
United Kingdom	0.82	1.21	1.92	2.11	2.19	1.84	1.93	1.84	1.91
West Germany	0.52	1.21	2.09	2.27	2.10	1.81	2.01	2.12	2.02
Communist Countries ²									
USSR and Eastern Europe	2.66	4.12	6.02	7.69	8.18	8.80	9.07	9.55	10.0
USSR	2.30	3.50	5.00	6.25	6.70	7.20	7.30	7.70	8.10
Eastern Europe	0.36	0.62	1.02	1.44	1.48	1.60	1.77	1.85	1.94
Bulgaria	Negl.	0.04	0.11	0.18	0.20	0.19	0.20	0.22	0.23
Czechoslovakia	0.04	0.11	0.18	0.26	0.27	0.29	0.32	0.34	0.36
East Germany	0.04	0.10	0.19	0.30	0.30	0.31	0.33	0.35	0.37
Hungary	0.05	0.07	0.11	0.15	0.16	0.19	0.20	0.20	0.22
Poland	0.02	0.07	0.14	0.21	0.20	0.26	0.29	0.31	0.31
Romania	0.21	0.23	0.29	0.34	0.35	0.36	0.43	0.43	0.45
Other									
Cuba	N.A.	0.07	0.09	0.10	0.11	0.11	0.11	0.12	0.12
Yugoslavia	0.03	0.06	0.13	0.18	0.20	0.20	0.22	0.25	0.27

¹ Unless otherwise indicated, data are for the following products, where they are produced: gasoline, kerosene, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and asphalt.

² Data include products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

Table 93

Billion Cubic Feet

Natural Gas Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD ²	13,600	18,200	27,100	31,100	30,700	29,500	29,600	29,400	28,700
United States ³	12,701.64	16,039.75	21,920.64	22,647.55	21,600.52	20,108.66	19,952.44	19,900.00	19,494.00
Australia	Negl.	0.14	53.06 ⁴	144.75 ⁴	159.34 ⁴	177.49 ⁴	209.38 ⁴	237.62 ⁴	258.00 ⁴
Canada	512.77	1,442.45	2,277.11	3,119.46	3,045.51	3,089.53	2,067.35	3,204.86	3,082.75
European Community	357	610	2,680	5,020	5,710	5,900	6,210	5,850	5,670
France	100.65	178.27	242.96	261.68	269.41	259.84	250.45	271.75	277.75
Italy	227.78	275.52	465.12	540.99	540.36	514.25	552.34	483.75	481.00
Netherlands	11.65	57.24	1,116.57	2,494.69	2,956.67	3,208.43	3,436.17	3,120.29	2,927.14
United Kingdom	Negl.	4.49	397.64	1,018.40	1,230.04	1,273.94	1,316.36	1,358.82	1,283.27
West Germany	15.89	98.10	459.82	705.90	713.20	639.41	658.05	618.05	695.17
Other Countries									
Argentina	48.73	149.11	212.45	237.63	255.75	271.64	259.00	264.80	269.36
Iran	33.55	43.42	71.23	701.68	787.36	771.06	793.74	806.99	802.80
Kuwait	33.20	63.36	180.40	186.04	186.89	183.79	197.12	204.62	206.71
Mexico ⁵	221.78	249.84	481.11	541.77	560.91	583.89	577.93	556.08	662.18
Venezuela	162.80	249.82	348.63	459.94	475.97	450.30	479.81	466.37	476.58
Communist Countries ⁶									
USSR and Eastern Europe	2,040	5,230	8,240	10,000	10,900	12,000	13,300	14,200	15,200
USSR ³	1,599.86	4,508.48	6,990.36	8,345.77	9,201.34	10,215.40	11,334.35	12,218.98	13,140.59
Eastern Europe	436	719	1,250	1,660	1,710	1,800	2,000	2,000	2,060
Bulgaria	0	2.59	16.72	7.84	6.34	3.90	1.31	0.36	0.40
Czechoslovakia	50.96	34.08	42.52	36.80	34.47	32.81	34.68	35.35	38.00
East Germany	0.92	4.70	43.51	247.63	273.05	256.78	304.52	300.35	300.00
Hungary	12.08	39.13	122.51	170.25	180.14	183.00	214.78	233.47	258.96
Poland	19.12	46.33	175.69	205.21	195.22	203.98	229.47	245.44	268.79
Romania	352.44	592.33	847.20	988.99	1,018.90	1,114.88	1,216.10	1,180.99	1,190.44
Far East									
China	140.00	325.00	730.00	975.00	1,020.00	1,220.00	1,340.00	1,670.00	1,840.00
Other									
Yugoslavia	1.77	11.65	34.61	46.97	51.21	54.74	61.09	67.10	68.51

¹ Data include only gas from natural gas wells and associated gas from petroleum fields.

² Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They exclude gas used for repressuring, as well as gas flared, vented, or wasted, whether or not it has been processed for the extraction of natural gasoline.

³ 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 returned to reservoirs in order to maintain horizon pressure, would be as follows (in billion cubic feet):

	1960	1965	1970	1973	1974	1975	1976	1977	1978
	14,514	17,657	23,786	24,067	22,850	21,103	20,944	21,304	20,870

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

⁴ Twelve months ending 30 June of the stated year.

⁵ Including gas used for repressuring and gas wasted.

⁶ Gross production.

Table 94

Million Metric Tons

Hard Coal Production¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	923	992	983	914	898	953	975	979	945
United States	391.53	475.28	550.39	530.13	539.34	576.19	598.12	604.68	566.65
Australia	21.90	30.06	45.21 ²	55.48 ²	57.97 ²	60.70 ²	68.86 ²	78.23 ²	80.85 ²
Canada	8.02	8.64	11.60	16.82	17.78	21.71	20.80	23.20	25.46
Japan ³	51.07	49.53	39.69	22.41	20.33	19.00	18.40	18.25	18.99
Spain	13.78	12.94	10.75	10.00	10.45	10.82	10.70	11.71	12.24
European Community	432	409	317	272	244	257	251	235	234
Belgium	22.47	19.79	11.36	8.84	8.11	7.89	7.66	7.07	6.48
France	55.96	51.35	37.84	26.35	24.01	23.65	23.30	21.29	19.64
United Kingdom ⁴	196.71	190.50	147.11	132.02	110.20	128.68	123.82	122.23	123.53
West Germany ⁵	143.26	135.46	116.34	102.99	100.89	96.76	95.90	84.84	83.94
Other Countries									
India	52.59	67.16	73.69	77.87	84.08	95.89	100.87	100.30	100.60
South Africa	38.17	48.46	54.61	62.35	65.02	69.44	75.73	85.57	90.06
South Korea	5.35	10.25	12.39	13.57	15.29	17.58	16.43	17.32	17.85
Communist Countries									
USSR and Eastern Europe	496	556	613	657	675	696	712	728	731
USSR	355.92	397.64	432.72	461.22	473.37	485.00	494.00	503.00	500.00
Eastern Europe	140	158	180	196	201	211	218	225	231
Bulgaria	0.57	0.55	0.40	0.35	0.31	0.33	0.30	0.29	0.28
Czechoslovakia	26.40	27.76	28.20	27.78	27.97	28.12	28.27	27.96	28.30
East Germany	2.72	2.21	1.05	0.75	0.59	0.54	0.46	0.35	0.12
Hungary	2.85	4.36	4.15	3.41	3.21	3.02	2.93	2.93	2.95
Poland	104.44	118.83	140.10	156.63	162.00	171.62	179.30	186.11	192.62
Romania	3.40	4.66	6.40	7.17	7.11	7.32	7.11	7.06	7.00
Far East									
China ⁶	280.00	232.20	327.40	398.10	409.00	478.00	483.00	550.00	618.00
North Korea	6.80	12.30	21.80	26.40	25.80	30.40	31.20	32.00	33.60
Other									
Yugoslavia	1.28	1.17	0.64	0.58	0.60	0.60	0.59	0.51	0.47

¹ Unless otherwise indicated, data are for net production of anthracite and bituminous coal.

² Twelve months ending 30 June of the stated year.

³ Including brown coal.

⁴ Excluding data for Northern Ireland.

⁵ Including low-quality coal at its hard-coal equivalent.

⁶ Raw production. Including a negligible amount of brown coal.

628.2

Table 95

Million Metric Tons

Brown Coal and Lignite Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	111	155	166	190	202	205	236	231	238
United States	2.49	4.56	7.21	12.88	14.06	17.69	22.86	28.12	32.32
Australia	15.21	20.99	24.18 ¹	24.68 ¹	27.30 ¹	28.18 ¹	30.94 ¹	29.27 ¹	33.29 ¹
Austria	5.97	5.45	3.67	3.63	3.63	3.40	3.22	3.13	3.17
Canada	1.97	1.87	3.46	3.65	3.48	3.55	4.68	5.48	5.23
Greece	2.49	5.09	8.08	13.57	14.00	18.41	22.57	23.40	22.70
Spain	1.76	2.77	2.83	3.00	2.88	3.38	4.15	5.78	6.00
Turkey	1.91	3.09	4.44	5.73	6.34	7.11	8.25	N.A.	N.A.
European Community	102	108	112	123	130	128	139	127	128
France	2.28	2.69	2.78	2.76	2.79	3.19	3.13	2.99	2.81
West Germany	96.22	101.91	107.77	118.66	126.04	123.38	134.55	122.92	123.56
Other Countries									
India	0.05	2.30	3.54	3.32	3.04	2.79	3.90	3.62	3.68
Communist Countries									
USSR and Eastern Europe ²	469	550	587	588	589	602	602	615	621
USSR	134.21	147.44	144.74	153.47	157.18	160.00	160.00	160.00	163.00
Eastern Europe	335	403	442	434	432	442	442	455	458
Bulgaria	15.42	24.49	28.85	26.46	24.00	27.52	25.18	24.89	25.00
Czechoslovakia	57.89	72.33	81.30	81.25	82.16	86.27	89.47	93.24	94.88
East Germany	225.47	250.84	261.48	246.25	243.47	246.71	246.90	253.70	253.27
Hungary	23.68	27.08	23.68	23.37	22.55	21.87	22.32	22.53	22.72
Poland	9.33	22.63	32.77	39.22	39.83	39.87	39.30	40.76	41.00
Romania	3.36	5.63	14.13	17.68	19.79	19.77	18.73	19.63	21.50
Far East ³									
North Korea ⁴	3.80	5.50	5.70	6.60	N.A.	7.60	7.80	8.00	8.40
Other									
Yugoslavia	21.43	28.79	27.78	31.87	32.98	34.94	36.26	38.57	39.22

¹ Twelve months ending 30 June of the year stated.² Net output.³ Negligible production for China.⁴ Including unknown amounts of hard coal.

Table 96

Billion Kilowatt-Hours

Electricity Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD ²	1,710	2,430	3,520	4,300	4,340	4,400	4,600	4,890	5,080
United States	893.72	1,229.64	1,742.73	2,081.23	2,086.28	2,131.00	2,169.73	2,361.71	2,436.62
Of which: Hydro	149.12	196.98	250.70	271.60	304.50	303.15	283.71	223.97	283.99
Australia	23.20	36.91	53.89	64.80	69.74	73.93	76.60	82.46	85.97
Canada	115.10	146.32	208.34	268.64	285.48	278.74	299.42	323.06	341.41
Japan	111.49	188.38	359.54	470.29	459.04	475.79	511.78	538.84	568.00
Norway	31.14	48.95	57.61	73.06	76.70	77.48	82.20	72.49	81.11
Spain	18.61	31.72	56.49	76.27	80.86	82.38	90.82	93.71	102.20
Sweden	34.72	49.11	60.64	78.08	75.13	80.57	86.41	89.42	91.52
European Community	423	618	856	1,030	1,050	1,030	1,120	1,140	1,180
Belgium	15.15	21.71	30.52	41.07	42.76	41.06	47.35	47.10	50.59
France	75.01	105.58	147.04	184.04	189.71	187.45	205.62	212.96	223.71
Italy	56.24	82.97	117.42	145.52	148.90	147.34	163.55	166.57	174.04
Netherlands	16.52	25.01	40.86	52.63	55.35	54.26	58.14	58.30	58.75
United Kingdom	136.97	196.50	249.11	281.87	273.13	272.09	276.97	283.48	287.65
West Germany	116.42	172.34	242.61	299.00	311.71	301.80	333.65	335.32	353.41
Communist Countries									
USSR and Eastern Europe	406	677	987	1,220	1,290	1,380	1,480	1,530	1,600
USSR	292.27	506.67	740.93	914.61	975.75	1,038.61	1,111.42	1,150.07	1,202.00
Of which: Hydro	50.91	81.43	124.38	122.34	132.03	125.99	135.74	147.01	169.5
Eastern Europe	114	170	246	301	319	340	364	381	402
Bulgaria	4.66	10.25	19.52	21.96	22.81	25.24	27.75	29.71	31.55
Czechoslovakia	24.46	34.19	45.16	53.47	56.03	59.28	62.75	66.50	69.02
East Germany	40.30	53.61	67.65	76.91	80.29	84.51	89.15	92.00	96.00
Hungary	7.62	11.18	14.54	17.64	18.98	20.46	22.05	23.40	25.54
Poland	29.26	43.77	64.53	84.27	91.60	97.17	104.10	109.36	115.56
Romania	7.65	17.22	35.09	46.78	49.06	53.72	58.27	59.86	64.23

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Far East									
China	N.A.	63.00	107.00	150.00	164.00	187.00	203.46	223.40	256.55
North Korea	9.14	13.40	16.50	19.60	22.10	22.00	21.80	20.00	22.00
Other									
Albania	0.19	0.34	0.96	1.55	1.65	1.66	N.A.	1.86	2.08
Cuba	2.90	3.56	4.89	5.70	6.02	6.58	7.20	7.70	8.39
Yugoslavia	8.93	15.52	26.02	35.06	39.46	40.04	43.57	48.58	51.25

596

¹ Data are for total (gross) production at generating centers and therefore include transmission losses and station use (see footnote 2).

² 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.

7.53

Table 97

Million Kilowatts

Installed Electricity Generating Capacity ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	186.53	254.52	360.33	459.25	495.36	527.35	550.37	579.40	598.50
Canada	23.03	29.35	42.83	54.38	57.53	61.35	65.57	69.06	N.A.
Japan ²	23.64	41.00	68.26	95.50	104.21	112.28	116.87	122.35	N.A.
Norway	6.61	9.92	12.91	15.44	16.39	16.93	17.12	17.57	N.A.
Spain	6.57	10.17	17.92	23.21	24.34	25.76	26.59	27.44	N.A.
Sweden	8.96	12.04	15.31	19.46	20.77	23.14	24.44	24.73	N.A.
European Community									
France	21.17	26.97	38.80	45.89	47.48	49.20	50.07	53.80	N.A.
Italy	16.31	23.82	33.25	39.77	42.49	43.31	42.41	44.01	N.A.
Netherlands	5.18	7.29	10.11	12.46	12.99	14.32	15.63	16.86	N.A.
United Kingdom	36.60	49.29	66.98	78.31	79.56	78.91	77.66	77.51	N.A.
West Germany	28.38	40.60	50.85	62.07	70.12	74.36	81.61	83.58	N.A.
Communist Countries									
USSR and Eastern Europe									
USSR	66.72	115.03	166.15	195.56	205.44	217.48	228.31	237.81	246.00
Eastern Europe									
Bulgaria	0.92	2.16	4.12	5.11	6.17	7.06	7.21	7.08	7.29
Czechoslovakia	5.66	8.21	10.81	12.12	12.81	13.64	14.55	15.15	16.34
East Germany	7.90	10.35	12.67	15.04	15.91	17.03	17.57	18.07	18.57
Hungary	1.48	2.00	2.75	3.23	3.74	4.29	4.67	5.20	5.63
Poland	6.32	9.67	13.89	17.73	19.13	20.06	20.48	21.75	23.83
Romania	1.78	3.26	7.35	10.12	10.58	11.58	12.32	13.63	14.08
Far East									
North Korea	1.88	2.12	3.38	4.00	4.50	4.60	4.80	5.20	5.30
Other									
Cuba ³	0.94	0.96	1.30	1.30	1.32	1.40	1.40	1.45	1.90
Yugoslavia	2.40	3.73	6.97	8.65	8.88	9.43	9.95	11.10	12.40

¹ All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.

² Data are for the year beginning 1 April of the stated year.

³ Including 410,000-kW capacity in industrial plants not linked to the national grid system.

79 80

23 25.20 26.20

Table 98

Million Kilowatts

Installed Nuclear Electric Power Generating Capacity ¹

	1960	1970	1974	1975	1976	1977	1978
OECD							
United States	0.4	6.6	29.6	36.8	39.7	46.0	49.8
Canada	0	0.2	2.3	2.3	2.3	4.0	4.7
Japan	0	0.8	3.7	5.0	7.1	7.6	12.3
Spain	0	0.2	1.1	1.1	1.1	1.1	1.1
Sweden	0	Negl.	1.0	2.4	3.2	3.7	3.7
Switzerland	0	0.4	1.0	1.0	1.0	1.0	1.0
European Community							
Belgium	0	Negl.	Negl.	1.7	1.7	1.7	1.7
France	0.1	1.7	2.9	2.9	2.9	2.9	4.7
Italy	0	0.6	0.6	0.6	0.6	0.6	1.4
Netherlands	0	0.1	0.5	0.5	0.5	0.5	0.5
United Kingdom	0.4	3.6	4.4	4.4	5.9	7.1	7.1
West Germany	Negl.	0.9	2.2	3.3	4.9	6.2	7.0
Other Countries							
Argentina	0	0	0.3	0.3	0.3	0.3	0.3
India	0	0.4	0.6	0.6	0.6	0.6	0.6
Pakistan	0	0	0.1	0.1	0.1	0.1	0.1
Communist Countries							
USSR and Eastern Europe							
USSR	Negl.	0.9	3.8	4.8	6.3	7.3	8.3
Eastern Europe							
Bulgaria	0	0	0.4	0.9	0.9	0.9	0.9
Czechoslovakia	0	0	0.1	0.1	0.1	0.1	0.6
East Germany	0	0.1	0.5	1.0	1.0	1.0	1.4

9.3

¹ Data are as of the end of the year and presented on a net basis.

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Table 99

Million Metric Tons

Iron Ore Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD ²									
United States ³	90.21	88.84	91.20	89.08	85.71	80.13	81.28	56.65	82.00
Australia	4.40	6.80	51.20 ⁴	84.80 ⁴	97.00 ⁴	97.60 ⁴	93.20 ⁴	96.10 ⁴	83.00 ⁴
Canada ⁵	19.55	36.25	47.46	50.20	50.00	46.90	58.56	56.31	42.90
Sweden	21.69	29.48	31.51	34.73	36.20	30.90	29.86	25.42	22.00
European Community	112	93.3	80.9	70.8	65.7	60.4	54.6	44.4	40.5
France	66.91	59.52	56.80	54.23	54.27	49.65	45.18	36.64	33.50
Luxembourg	6.98	6.32	5.72	3.78	2.69	2.32	2.08	1.55	0.80
United Kingdom	17.36	15.66	12.02	7.10	3.60	4.49	4.58	3.74	4.20
West Germany ⁶	18.90	10.80	5.53	5.07	4.44	3.29	2.26	2.47	1.60
Other Countries ⁷									
Brazil	9.35	20.75	40.20	50.50	75.50	89.90	94.09	87.00	85.00
India	10.70	23.80	31.37	35.60	33.50	41.41	43.44	42.31	37.00
Liberia	3.10	16.00	23.70	23.54	23.79	24.00	18.81	18.14	17.50
Venezuela	19.49	17.51	22.10	23.11	26.42	24.77	18.69	14.40	14.00
Communist Countries									
USSR and Eastern Europe	115	165	206	226	235	242	248	248	253
USSR	105.86	153.43	195.49	216.10	224.83	232.80	239.11	239.72	244.00
Eastern Europe	9.34	12.0	10.8	10.3	10.0	9.59	8.93	8.54	8.92
Bulgaria	0.42	1.80	2.41	2.77	2.68	2.34	2.32	2.27	2.50
Czechoslovakia	3.12	2.45	1.61	1.67	1.69	1.77	1.90	1.99	2.00
East Germany	1.64	1.63	0.42	0.52	0.53	0.59	0.60	0.63	0.84
Hungary	0.52	0.76	0.63	0.68	0.54	0.64	0.60	0.52	0.53
Poland	2.18	2.86	2.55	1.44	1.30	1.19	0.67	0.66	0.55
Romania	1.46	2.48	3.21	3.23	3.26	3.06	2.84	2.47	2.50
Far East									
China	100.00	38.30	72.30	107.20	99.90	109.00	105.00	89.00	124.00
North Korea	2.50	4.96	6.50	N.A.	N.A.	N.A.	N.A.	6.00	7.00
Other									
Albania	0.25	0.40	0.40	0.43	0.45	0.47	0.55	0.60	N.A.
Yugoslavia	2.20	2.50	3.69	4.67	5.03	5.24	4.26	4.45	4.56

¹ 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.

² The metal content of the ore in the OECD countries follows: United Kingdom and West Germany, 28-31 percent; Luxembourg, 25 percent; France, 32 percent; United States and Canada, 61-62 percent; and Australia and S

³ Excluding manganiferous iron ore containing 5 percent or more of manganese.

⁴ Twelve months ending 30 June of the stated year.

⁵ Shipments.

⁶ Including data for West Berlin.

⁷ The metal content of the ore in the other countries ranges from

Table 100

Thousand Metric Tons

Manganese Ore Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	73	27	4	Negl.	0	0	0	0	0
Australia	62	102	751	1,520	1,520	1,560	2,150	1,390	1,540
Italy	49	48	50	25	14	0	4	9	9
Japan	324	303	270	189	167	158	142	126	125
Other Countries									
Brazil	999	1,400	1,880	1,620	1,790	2,160	1,700	898	1,090
Gabon	0	1,280	1,450	1,920	2,060	2,240	2,220	1,850	1,900
Ghana ³	545	604	405	318	250	409	312	267	270
India	1,200	1,650	1,650	1,490	1,500	1,580	1,760	1,770	1,800
South Africa	1,190	1,570	2,680	4,180	4,745	5,770	5,452	5,050	5,250
Zaire	382	378	347	334	288	309	182	41	100
Communist Countries									
USSR and Eastern Europe	6,350	8,040	7,230	8,530	8,380	8,340	N.A.	N.A.	N.A.
USSR	5,872	7,576	6,841	8,245	8,155	8,459	8,636	8,595	9,200
Eastern Europe	477	461	390	282	220	278	N.A.	N.A.	N.A.
Bulgaria	25	42	33	38	34	35	40	40	40
Hungary	123	213	169	136	114	131	116	120	120
Romania	175	126	102	108	72	112	N.A.	N.A.	N.A.
Other									
Yugoslavia	13	8	15	10	13	17	19	25	25

¹ 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, 30-53 percent; the USSR, about 35 percent; Yugoslavia, about 35 percent; Romania, 30 percent; Bulgaria, about 27 percent; and Hungary, 26 percent.

² Shipments.

³ Dry weight.

Table 101

Metric Tons

Tungsten Ore Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	3,160	3,430	4,220	3,200	3,550	2,490	2,660	2,730	3,300
Australia	1,900	950	1,260	1,320	1,420	1,880	2,450	2,330	2,700
Austria	110	90	80	0	0	360	540	1,120	1,200
Canada ²	0	1,340	1,340	1,670	1,280	1,170	1,720	1,810	2,400
France	340	0	80	700	710	620	810	850	800
Japan	470	340	850	870	810	770	810	770	700
Portugal	1,390	780	1,080	1,510	1,470	1,420	1,280	1,010	1,000
Spain	440	20	410	310	350	350	280	270	300
Turkey	0	0	0	0	0	0	930	1,200	1,200
Other Countries									
Bolivia	1,020	870	1,840	1,930	2,030	2,570	3,040	2,980	3,100
Brazil	810	180	1,160	1,050	990	1,130	980	1,000	1,100
Burma	470	160	220	510	340	490	470	450	500
Mexico	90	90	290	350	310	280	230	190	400
Peru	230	380	800	860	700	580	590	530	500
Rwanda	230	130	180	300	280	350	430	450	400
South Korea	2,730	2,130	2,070	2,040	2,290	2,400	2,560	2,530	3,200
Thailand	210	260	710	2,400	2,040	1,640	1,900	2,030	3,700
Communist Countries									
USSR	5,420	6,660	6,900	7,610	7,850	8,090	8,330	N.A.	N.A.
Far East									
China	13,990	8,140	5,470	8,900	8,140	6,710	5,660	6,605	7,075

¹ Data are for the estimated tonnage of contained tungsten.² Shipments.

Table 102

Thousand Metric Tons

Chromite Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
Finland	0	0	121	148	165	331	414	494	500
Greece	31	51	26	18	10	35	34	40	40
Japan	68	42	33	24	26	24	22	18	20
Turkey	481	567	519	436	661	717	671	635	600
Other Countries									
India	101	60	271	288	396	500	402	351	350
Iran	68	129	200	140	175	172	160	160	160
Madagascar	0	2	131	158	156	194	221	180	180
Philippines	735	555	566	581	530	520	427	537	560
Rhodesia	606	586	363	544	590	590	610	600	600
South Africa	772	942	1,427	1,649	1,950	2,078	2,087	3,317	3,200
Communist Countries ²									
USSR	1,200	2,500	3,000	3,300	3,400	3,500	3,500	3,500	3,500
Albania	289	312	466	611	715	779	833	900	1,040
Cuba	10	14	8	13	13	13	7	N.A.	N.A.
Yugoslavia	101	80	41	10	6	2	2	N.A.	N.A.

¹Data are in gross weight and differ from those presented previously. In many instances, data are estimated.

²Production 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 103

Thousand Metric Tons

Bauxite Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	5,370	7,060	16,900	25,800	28,400	29,000	31,500	33,600	33,700
United States	2,030	1,680	2,120	1,910	1,980	1,800	1,990	2,010	1,790
Australia	70	1,190	9,260	17,600	20,000	21,000	24,080	26,100	26,500
Greece	884	1,270	2,290	2,750	2,780	3,010	2,550	2,980	3,000
European Community	2,380	2,910	3,220	3,190	2,970	2,600	2,350	2,060	1,960
France	2,070	2,660	2,990	3,130	2,940	2,560	2,330	2,030	1,930
Other Countries									
Guinea	1,378	1,870	2,490	3,050	7,600	8,400	11,300	11,300	12,000
Guyana	2,511	2,919	4,417	3,276	3,250	3,251	2,680	2,730	3,000
Jamaica	5,840	8,650	12,000	13,600	15,300	11,600	10,300	11,400	11,700
Surinam	3,460	4,360	6,020	7,110	6,710	4,930	4,610	4,810	5,000
Communist Countries									
USSR and Eastern Europe	4,380	6,790	8,970	10,400	10,900	11,200	11,500	11,700	11,700
USSR ¹	3,100	5,300	6,700	7,500	7,800	8,000	8,200	8,400	8,500
Eastern Europe	1,280	1,490	2,270	2,900	3,050	3,240	3,270	3,300	3,250
Hungary	1,190	1,477	2,022	2,600	2,751	2,890	2,918	2,949	2,899
Romania	88	12	250	300	300	350	350	350	350
Far East									
China ²	640	1,120	1,500	2,300	2,500	2,800	3,000	3,200	3,200
Other									
Yugoslavia	1,025	1,574	2,098	2,167	2,370	2,306	2,003	2,044	N.A.

¹ Including nonbauxite ore such as nepheline and alunite for the production of alumina.

² 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 104

Million Metric Tons

Metallurgical Coke Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD ²									
United States	51.92	60.65	60.35	58.36	55.87	51.90	52.92	48.64	44.17
Australia	2.68	3.10	4.98	4.94	5.11	5.24	5.31	4.76	N.A.
Canada ³	3.51	3.96	5.14	5.37	5.45	5.28	5.29	4.85	4.82
Japan	8.55	15.78	37.74	44.32	45.63	44.80	43.45	47.38	43.94
European Community	93.2	91.4	90.5	81.8	81.7	78.2	77.1	68.2	64.0
Belgium	7.52	7.33	7.12	7.80	8.05	5.73	7.80	5.57	5.69
France ³	13.64	13.41	14.15	11.88	11.68	10.99	10.86	10.77	10.70
Italy	3.72	5.74	7.04	7.67	8.57	8.11	7.97	7.68	7.25
Netherlands ³	4.52	4.28	2.00	2.66	2.68	2.68	2.81	2.50	2.37
United Kingdom	19.14	17.38	20.28	17.80	15.77	15.86	15.75	14.19	12.25
West Germany ⁴	44.68	43.29	39.91	34.00	34.92	34.82	31.95	27.50	25.69
Communist Countries									
USSR and Eastern Europe	68.1	80.9	88.4	95.3	97.1	98.5	99.8	103	104
USSR	51.48	61.74	68.72	73.88	74.95	75.65	76.70	78.46	78.85
Eastern Europe	16.6	19.2	19.7	21.4	22.2	22.8	23.1	24.7	25.0
Bulgaria	0.02	0.68	0.77	1.11	1.18	1.24	1.27	1.30	1.30
Czechoslovakia	6.82	7.87	8.28	9.37	9.31	9.24	9.00	8.79	8.70
East Germany	0.74	0.94	0.53	0.47	0.56	0.56	0.69	0.65	0.70
Hungary ³	0.50	0.64	0.66	0.60	0.64	0.59	0.60	0.59	0.60
Poland	7.68	7.99	8.37	8.58	8.66	8.93	9.10	10.21	10.50
Romania	0.81	1.12	1.06	1.31	1.81	2.26	2.42	3.15	3.20
Far East									
China	N.A.	10.10	16.20	24.30	22.60	24.20	20.50	23.10	N.A.
Other									
Yugoslavia	1.08	1.25	1.31	1.32	1.32	1.35	1.79	1.77	2.07

¹ Unless otherwise indicated, data are for oven and beehive coke and exclude breeze coke.

² Net production, excluding coke consumed by coking plants.

³ Including breeze coke.

⁴ Including electrode coke but excluding low-temperature coke.

⁵ A large part of this coke is produced in gas plants and is used with high-quality coke in charging blast furnaces.

Table 105

Million Metric Tons

Pig Iron Production

	1960 ¹	1965 ¹	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	62.2	82.6	82.8	91.9	86.6	72.5	78.8	73.8	79.5
Australia	2.9	4.4	6.2	7.6	7.6	7.5	7.4	6.8	7.4
Canada	4.0	6.6	8.3	9.5	9.4	9.2	9.8	9.7	10.6
Japan	12.3	28.0	68.0	90.0	90.4	86.9	86.6	85.9	79.2
Spain	1.9	2.4	4.2	6.3	6.9	6.8	6.6	6.6	6.5
European Community	70.9	81.8	97.3	106	111	88.0	93.7	87.6	91.7
Belgium	6.5	8.3	10.9	12.7	13.1	9.1	9.9	8.9	9.9
France	14.4	15.8	18.8	19.5	22.0	17.5	18.7	17.9	19.3
Italy	2.8	5.6	8.3	10.1	11.7	11.4	11.6	11.4	11.6
United Kingdom	16.0	17.8	17.5	16.7	14.2	12.0	13.7	11.9	11.1
West Germany ²	25.8	27.0	33.2	36.5	39.8	29.8	31.5	28.7	31.5
Other Countries									
Brazil	1.8	2.4	4.2	5.5	5.8	7.1	8.1	9.8	9.5
India	4.3	7.2	7.1	7.5	7.3	8.3	9.3	10.1	9.5
South Africa	2.0	3.6	3.9	4.4	4.6	5.2	5.8	6.1	7.0
Communist Countries									
USSR and Eastern Europe	60.2	84.1	110	124	129	133	136	141	147
USSR	46.8	66.2	85.9	95.9	99.9	103.0	105.4	107.4	110.7
Eastern Europe	13.4	17.9	23.8	27.9	28.9	29.9	31.1	33.8	36.1
Bulgaria	0.2	0.7	1.2	1.6	1.5	1.6	1.6	1.7	1.6
Czechoslovakia	4.7	5.9	7.6	8.5	8.9	9.3	9.5	9.7	9.8
East Germany	2.0	2.3	2.0	2.2	2.3	2.5	2.5	2.6	2.6
Hungary	1.2	1.6	1.8	2.1	2.3	2.2	2.2	2.3	2.3
Poland	4.2	5.4	7.0	7.7	7.8	7.8	7.9	9.7	11.4
Romania	1.0	2.0	4.2	5.7	6.1	6.6	7.4	7.8	8.4
Far East									
China	27.5	13.8	22.0	33.7	31.4	33.8	28.8	24.5	34.0
North Korea	0.9	1.3	1.8	2.9	3.0	3.4	3.4	3.4	N.A.
Other									
Yugoslavia	1.0	1.1	1.3	2.0	2.1	2.1	1.9	1.9	2.1

¹ Including ferroalloys.² Including data for West Berlin. Data include blast furnace ferroalloys except ferromanganese, ferrosilicon, and spiegeleisen.

Table 106

Million Metric Tons

Crude Steel Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	90.1	119.3	119.3	136.8	132.2	105.8	116.1	113.2	124.0
Australia ³	3.7	5.4	6.8	7.7	7.7	7.8	7.8	7.3	7.6
Canada	5.3	9.2	11.2	13.4	13.6	13.1	13.3	13.7	14.9
Japan	22.1	41.2	93.4	119.3	117.1	102.3	107.4	102.4	102.1
Spain	1.9	3.5	7.4	10.8	11.4	11.2	10.9	11.1	11.3
Sweden	3.2	4.7	5.5	5.6	6.0	5.6	5.1	4.0	4.3
European Community	97.6	114	138	150	156	126	134	127	132
Belgium	7.2	9.2	12.6	15.5	16.2	11.6	12.1	11.3	12.6
France	17.1	19.3	23.8	25.2	27.0	21.5	23.2	22.1	22.8
Italy	8.3	12.7	17.2	21.0	23.8	21.9	23.4	23.3	24.3
United Kingdom	24.7	27.5	28.3	26.7	22.4	20.2	22.3	21.2	20.3
West Germany ⁴	34.1	36.8	45.0	49.5	53.3	40.5	42.4	39.0	41.2
Other Countries									
Brazil ⁵	2.3	3.0	5.4	7.2	7.5	8.3	9.2	11.1	12.1
India	3.3	6.4	6.1	7.0	6.8 ⁶	7.1 ⁶	9.4 ⁶	9.9	9.5
Communist Countries									
USSR and Eastern Europe	86.4	120	156	178	185	193	199	204	211
USSR	65.3	91.0	115.9	131.5	136.2	141.3	144.7	146.7	151.4
Eastern Europe	21.2	28.5	39.8	46.8	48.9	51.3	53.9	57.5	59.7
Bulgaria	0.2	0.6	1.8	2.2	2.2	2.3	2.5	2.6	2.5
Czechoslovakia	6.8	8.6	11.5	13.2	13.6	14.3	14.7	15.1	15.3
East Germany	3.8	4.3	5.0	5.9	6.2	6.5	6.7	6.8	7.0
Hungary	1.9	2.5	3.1	3.3	3.5	3.7	3.6	3.7	3.9
Poland	6.7	9.1	11.8	14.1	14.6	15.0	15.6	17.8	19.2
Romania	1.8	3.4	6.5	8.2	8.8	9.6	10.7	11.5	11.8
Far East									
China	18.7	12.2	17.8	25.0	21.0	24.0	20.5	23.7	31.8
North Korea	0.6	1.2	2.2	2.3	2.4	2.6	2.7	2.7	3.4
Other									
Cuba	N.A.	Negl.	0.1	0.2	0.2	0.2	0.3	0.3	N.A.
Yugoslavia	1.4	1.8	2.2	2.7	2.8	2.9	2.8	3.2	3.5

¹ Data are for ingots and steel for castings.² Excluding steel for castings made in foundries operated by companies not producing ingots.³ Twelve months ending 30 June of the stated year.⁴ Including data for West Berlin.⁵ Excluding alloy steel.⁶ Ingots only.

Table 107

Million Metric Tons

Rolled Steel Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ¹	69.35	90.09	82.37	101.09	99.31	72.54	81.14	82.69	88.85
Canada ¹	4.13	6.72	8.24	9.93	10.38	9.48	10.00	10.32	11.64
Japan	17.20	33.38	75.93	101.74	100.33	85.83	93.04	90.20	N.A.
Spain ¹	1.27	3.16	5.46	8.36	8.55	8.44	8.29	9.34	N.A.
European Community	76.7	89.6	111	123	125	101	108	105	N.A.
Belgium	5.88	7.72	10.26	12.60	13.18	9.39	9.84	9.36	N.A.
France	13.70	15.72	18.73	20.19	19.56	17.01	18.35	20.20	N.A.
Italy	7.78	10.62	14.76	18.36	20.27	18.53	19.82	17.41	N.A.
United Kingdom	18.41	20.76	22.18	21.36	17.86	15.87	17.58	16.51	N.A.
West Germany	25.84	28.48	35.97	40.23	43.16	31.93	33.50	33.05	N.A.
Communist Countries									
USSR and Eastern Europe	57.8	81.3	108	125	129	136	141	144	150
USSR	43.68	61.65	80.64	91.46	94.29	98.69	101.44	102.14	105.40
Eastern Europe	14.1	19.7	27.4	33.1	35.1	37.4	39.4	41.7	44.7
Bulgaria	0.19	0.43	1.42	2.10	2.24	2.50	2.76	2.95	3.07
Czechoslovakia	4.48	6.09	7.94	9.17	9.57	10.03	10.39	10.59	10.79
East Germany	2.61	2.99	3.41	3.88	4.10	4.28	4.59	4.78	5.00
Hungary	1.19	1.70	2.04	2.28	2.39	2.68	2.86	3.08	3.19
Poland	4.42	6.13	8.14	9.87	10.56	11.09	11.50	11.95	13.57
Romania	1.25	2.35	4.50	5.83	6.25	6.81	7.30	8.39	9.08
Far East									
China	11.30	9.10	13.40	17.50	14.70	16.80	14.70	16.00	21.00
Other									
Yugoslavia	0.97	1.19	1.77	2.04	2.24	2.36	2.44	3.32	4.14

¹ Steel mill products.

Table 108

Thousand Metric Tons

Refined Nickel Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	11.4	12.3	14.1	12.6	12.8	21.2	30.7	35.2	33.7
Australia	0	0	1.0	20.0	20.0	34.0	48.0	46.0	53.6
Canada	114.7	160.4	189.3	162.5	200.0	178.0	175.7	151.6	114.0
Greece	0	0	8.6	13.9	15.1	14.8	16.4	16.0	15.0
Japan	17.3	26.1	89.9	90.7	104.6	78.0	93.4	90.0	70.0
Norway	30.4	31.8	38.5	42.7	43.2	37.1	32.7	33.0	25.4
European Community	47.3	49.0	48.3	47.2	45.2	48.2	43.5	40.0	28.4
France ²	10.0	8.2	10.3	10.9	8.7	10.9	10.3	10.0	8.0
United Kingdom	34.3	40.5	36.7	36.8	35.7	37.3	33.1	30.0	20.4
Other Countries									
Dominican Republic	0	0	0	30.1	31.2	30.0	25.6	20.6	16.0
New Caledonia	11.4	15.6	27.9	35.8	48.5	52.8	34.6	30.0	37.0
Communist Countries ³									
USSR	72.0	100.0	137.0	170.0	180.0	195.0	215.0	220.0	230.0
Cuba ⁴	12.8	28.2	36.6	35.2	33.9	37.3	36.9	36.7	N.A.

¹ Unless otherwise indicated, data are for refined metal and the nickel content of ferronickel and nickel oxide.

² Excluding data for New Caledonia.

³ Czechoslovakia and East Germany each produce a small amount of refined nickel.

⁴ Nickel content of oxides and sulfides.

Table 109

Thousand Metric Tons

Refined Copper Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	1,642	1,957	2,065	2,117	1,952	1,622	1,737	1,707	1,811
Australia	84	95	146	178	194	192	189	185	183
Canada	378	394	493	498	559	529	510	509	461
Japan	248	366	705	951	996	819	864	934	959
Spain	N.A.	59	83	94	123	130	142	160	149
European Community	796	904	996	987	1,020	958	1,060	1,100	1,000
Belgium	212	280	338	368	379	332	425	476	417
United Kingdom	219	228	205	171	160	152	137	120	126
West Germany ²	309	342	406	407	424	422	447	440	398
Other Countries									
Chile	226	289	465	415	538	535	632	676	743
Peru	N.A.	40	36	39	39	72	132	182	152
Zaire	145	153	190	230	254	226	66	99	103
Zambia	403	522	581	638	677	629	695	649	621
Communist Countries									
USSR and Eastern Europe	576	840	1,220	1,510	1,610	1,750	1,800	1,890	1,990
USSR	475	700	1,015	1,200	1,250	1,320	1,350	1,400	1,460
Eastern Europe	101	140	204	313	361	428	448	488	529
Bulgaria	14	24	38	47	49	50	52	52	53
Czechoslovakia	10	12	17	18	21	23	22	23	24
East Germany	40	40	40	50	50	50	50	50	50
Hungary	8	12	12	10	10	13	14	15	15
Poland	22	37	72	156	194	249	270	307	345
Romania	7	15	25	32	37	43	40	41	42
Far East									
China	90	200	290	290	300	300	300	300	300
Other									
Albania	1	4	6	6	7	7	8	8	9
Yugoslavia	35	56	89	138	150	138	136	117	151

¹ Data are for primary and secondary refined copper produced from domestic and imported ores and scrap.

² Including data for West Berlin.

Table 110

Thousand Metric Tons

Primary Aluminum Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	1,830	2,500	3,600	4,110	4,450	3,520	3,860	4,120	4,360
Australia	12	87	168	208	220	214	232	248	265
Canada	691	753	962	930	1,020	887	626	962	1,054
Greece	N.A.	N.A.	91	142	149	136	134	127	143
Japan	133	294	733	1,100	1,120	1,010	919	1,188	1,058
Norway ¹	171	276	522	623	663	595	608	634	640
Spain	29	52	120	161	191	210	210	211	210
European Community	692	735	952	1,520	1,840	1,820	1,880	1,990	2,000
France	238	340	382	359	394	383	385	389	391
Italy	84	124	146	184	216	190	207	260	269
United Kingdom ¹	29	36	40	252	293	308	334	349	342
West Germany ²	169	234	310	533	689	678	697	742	740
Other Countries									
Ghana	0	0	113	152	157	143	147	153	112
India	18	62	161	155	128	167	212	184	193
Communist Countries									
USSR and Eastern Europe	761	1,180	2,060	2,520	2,770	2,910	2,980	3,030	3,090
USSR	630	1,000	1,700	2,100	2,300	2,430	2,500	2,550	2,600
Eastern Europe	131	176	359	419	468	480	485	481	486
Czechoslovakia	20	26	31	48	50	43	36	37	38
East Germany	35	45	56	60	60	60	60	60	60
Hungary	50	58	66	68	69	70	70	71	71
Poland	26	47	99	102	102	103	103	104	104
Romania ³	0	0	107	141	187	204	207	209	213
Far East									
China	80	140	188	286	316	357	375	400	400
Other									
Yugoslavia	25	39	48	91	147	168	198	197	199

¹ Including the pure content of virgin alloys.² Including data for West Berlin.³ Including aluminum alloys.

Table 111

Thousand Metric Tons

Smelter Production of Lead ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	347	379	605	612	611	577	592	549	562
Australia	193	196	206	221	202	170	214	218	229
Canada	145	169	186	187	126	172	175	187	188
Japan	69	108	209	220	228	194	219	221	223
Spain	71	54	76	87	80	73	76	87	81
Sweden	45	40	41	47	45	38	35	42	43
European Community	365	397	437	457	478	417	458	553	530
Belgium ³	93	111	89	114	100	106	104	110	106
France	74	98	120	167	159	135	159	184	179
Italy	42	45	54	35	46	33	53	64	60
United Kingdom ⁴	16	23	44	30	29	26	17	35	30
West Germany ⁵	140	104	113	86	116	92	101	116	112
Other Countries									
Mexico	186	154	150	173	200	173	190	170	180
Peru	74	87	72	83	81	83	74	79	71
Communist Countries									
USSR and Eastern Europe	404	549	676	737	765	783	812	818	830
USSR	300	385	470	510	530	540	560	560	565
Eastern Europe	104	164	206	227	235	243	252	258	265
Bulgaria	40	93	99	105	107	110	110	112	112
Czechoslovakia	12	15	18	17	18	18	19	19	20
Poland ⁶	40	41	54	68	72	76	81	85	88
Romania ⁶	12	15	35	37	38	39	42	42	45
Other									
Yugoslavia	89	102	97	98	114	126	111	128	117

¹ 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).

² Excluding refined lead produced from imported base bullion.

³ Including secondary metal, remelted lead, and alloys.

⁴ Lead bullion from imported ores and concentrates.

⁵ Including data for West Berlin.

⁶ Probably including some secondary metal.

Table 112

Metric Tons

Molybdenum Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	32,000	40,000	66,400	66,700	64,800	61,200	66,200	72,000	75,400
United States	31,000	35,100	50,500	52,600	50,800	48,100	51,400	55,500	60,100
Canada ²	348	4,340	15,300	13,800	13,900	13,000	14,600	16,400	15,200
Japan	381	277	264	156	107	140	150	150	150
Norway	246	239	340	100	0	0	0	0	0
Other Countries									
Chile	1,850	3,690	5,700	5,880	9,740	9,090	10,900	11,000	11,800
Peru	Negl.	680	607	633	650	651	450	463	500
Communist Countries									
USSR	4,800	7,300	9,500	10,000	10,300	10,500	10,700	11,000	11,300

¹ Molybdenum content of ores and concentrates.² Shipments.

Table 113

Thousand Metric Tons

Refined Zinc Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	2,210	2,780	3,540	3,800	3,770	3,090	3,430	3,500	3,500
United States ²	788	978	866	604	575	450	515	454	454 441
Australia	122	202	264	306	284	200	251	257	295
Canada	237	326	418	533	426	427	472	495	500 495
Finland	0	0	56	81	92	110	111	138	135
Japan	180	318	676	844	851	722	766	805	790 768
Spain	47	54	88	106	130	133	158	157	165
European Community	783	842	1,090	1,230	1,320	1,050	1,150	1,200	1,160
Belgium	248	238	232	278	289	218	236	249	235
France	146	192	224	259	277	181	233	238	230
Italy	85	81	142	182	196	180	189	177	180
Netherlands	36	42	47	30	78	124	141	109	135
United Kingdom	76	107	147	84	84	53	42	81	75
West Germany	192	182	301	395	400	295	305	342	310
Communist Countries									
USSR and Eastern Europe	573	770	1,030	1,160	1,170	1,210	1,230	1,230	1,230
USSR ³	360	475	690	780	790	820	840	840	850 875
Eastern Europe	213	295	340	378	379	393	391	386	378
Bulgaria	17	66	76	82	83	86	86	90	90
East Germany	4	14	15	15	15	15	15	16	16
Poland	176	190	209	235	233	243	237	228	220
Romania	16	25	40	46	48	49	53	52	52
Other									
Yugoslavia	36	46	65	55	86	98	96	99	92

¹ Data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.

² Including production from secondary smelters.

³ Primary metal only.

Table 114

Thousand Metric Tons

Titanium Sponge Metal Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	4.8	8.2	13.9	11.5	18.5	14.4	9.2	12.5	15.5
Japan	2.3	4.8	9.2	6.5	8.9	7.6	6.3	6.4	8.8
Communist Countries									
USSR	4.0	13.5	25.0	32.0	34.0	36.0	37.0	40.0	42.0

¹ Raw titanium in the form of sponge metal produced from rutile or ilmenite concentrates.

² Approximate output based on reports from various trade publications.

Table 115

Metric Tons

Cobalt Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
Australia	15	110	570	942	1,310	3,290	4,120	4,140	4,190
Canada ²	1,970	2,010	2,510	1,840	1,900	1,640	1,650	1,830	2,200
Finland	N.A.	1,810	1,540	1,540	1,540	1,700	1,550	1,610	1,650
Other Countries									
Morocco	1,540	2,230	734	1,730	1,980	2,380	1,050	1,900	2,200
Zaire	9,990	10,200	17,000	18,300	21,400	17,000	13,300	12,800	13,200
Zambia	2,240	1,880	2,920	5,220	2,890	2,900	2,650	2,760	2,760
Communist Countries									
USSR	1,600	2,300	3,700	4,500	4,800	5,000	5,200	5,400	5,600
Cuba	0	800	1,480	1,480	1,400	1,550	1,550	1,540	N.A.

¹ Cobalt content of ores mined, unless otherwise indicated.

² Including metal, salts, and oxides recovered from smelter products and residues exported.

³ Cobalt content of alloys.

Table 116

Metric Tons

Smelter Production of Primary Tin Metal ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	60,800	51,300	48,800	42,400	37,400	36,000	33,500	36,100	37,100
United States	13,700	3,150	4,540	4,600	6,100	6,500	5,700	6,700	4,000
Australia	2,290	3,230	5,210	6,900	6,710	5,250	5,600	5,600	5,200
Spain	470	1,820	3,910	3,800	5,860	5,250	5,400	5,300	5,700
European Community	42,500	40,900	33,400	25,100	16,900	17,800	15,700	18,900	20,600
Belgium	8,390	4,300	4,260	3,670	3,420	4,560	4,100	3,500	3,200
United Kingdom	26,800	16,800	22,000	20,400	12,100	11,520	9,800	10,500	11,800
Other Countries									
Bolivia ²	1,020	3,470	300	7,040	6,910	7,530	10,100	13,300	15,300
Brazil	N.A.	1,435	3,100	4,430	4,850	5,400	6,600	6,800	7,500
Indonesia	2,010	1,210	5,190	14,630	15,100	17,800	22,200	24,000	26,700
Malaysia ³	77,600	73,600	91,500	82,500	84,400	83,100	78,000	66,300	70,100
Nigeria	N.A.	9,480	8,070	5,980	5,570	4,680	3,700	3,300	2,700
Thailand	220	5,610	22,000	22,900	19,800	16,600	20,300	23,000	26,700
Communist Countries									
USSR	10,600	14,000	21,000	23,000	24,000	25,000	26,500	28,500	30,000
East Germany	1,000	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,300
China	29,000	12,000	10,000	15,000	15,000	18,000	11,000	13,000	N.A.

¹ Excluding tin derived from scrap or detinning.² Exports.³ Including data for Singapore.

Table 117

Thousand Metric Tons

Primary Magnesium Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
Canada	7	9	9	6	6	4	6	8	8
Japan	2	4	10	11	9	9	11	9	11
Norway	10	26	35	38	40	38	39	38	40
European Community									
France	2	3	5	7	7	8	8	9	9
Italy	5	6	8	9	7	6	7	7	7
Communist Countries									
USSR	25	50	80	92	95	98	98	100	100

Table 118

Million Troy Ounces

Gold Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	1.67	1.71	1.74	1.18	1.13	1.05	1.05	1.10	0.97
Australia	1.09	0.88	0.62	0.55	0.51	0.53	0.50	0.62	0.66
Canada	4.63	3.60	2.41	1.95	1.70	1.65	1.69	1.72	1.67
Japan	0.26	0.26	0.26	0.19	0.14	0.14	0.14	0.17	0.18
Other Countries									
Colombia	0.43	0.32	0.20	0.22	0.27	0.31	0.30	0.26	0.28
Ghana	0.89	0.76	0.71	0.72	0.61	0.52	0.53	0.48	0.48
India	0.16	0.13	0.10	0.11	0.10	0.91	0.10	0.09	0.09
Mexico	0.30	0.22	0.20	0.13	0.13	0.14	0.16	0.21	0.24
Nicaragua	0.21	0.20	0.12	0.09	0.08	0.07	0.07	0.07	0.07
Philippines	0.41	0.44	0.60	0.57	0.54	0.50	0.50	0.56	0.59
Rhodesia	0.56	0.54	0.50	0.50	0.60	0.60	0.60	0.60	0.59
South Africa	21.38	30.55	32.20	27.50	24.39	22.94	22.94	22.50	22.90
Zaire	0.31	0.09	0.18	0.13	0.13	0.10	0.10	0.08	0.08
Communist Countries									
USSR	3.54	4.95	6.53	7.72	8.04	8.20	8.39	8.68	8.84

Table 119

Thousand Troy Ounces

Platinum-Group Metals Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States ¹	24	35	17	20	13	19	6	6	5
Canada	460	463	482	354	385	399	430	469	390
South Africa ²	406	754	1,500	2,360	2,830	2,600	2,700	2,950	2,950
USSR	1,000	2,000	2,500	3,000	3,200	3,300	3,400	3,400	3,500

¹ Crude placer platinum and byproduct metals recovered largely from domestic copper refining.

² Platinum-group metals from platinum ores and osmiridium from gold ores.

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**Chemicals and
Rubber**

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Table 120

Thousand Metric Tons

Caustic Soda Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	8,250	11,600	18,200	21,300	22,000	19,000	20,800	20,800	21,000
United States	4,510	6,207	9,200	9,724	10,150	8,693	9,540	9,508	9,633
Canada	338	583	860	1,029	1,030	767	922	1,014	1,036
Japan	869	1,344	2,685	3,231	3,162	2,948	2,905	2,870	2,775
European Community	1,970	2,630	4,390	5,870	6,200	5,190	6,080	6,090	6,260
France	597	671	1,094	1,392	1,427	1,120	1,274	1,313	1,338
Italy	429	691	999	1,179	1,138	1,002	1,139	1,115	1,091
West Germany	776	1,178	1,682	2,513	2,819	2,489	3,090	3,081	3,252
Communist Countries									
USSR and Eastern Europe	1,420	2,250	3,140	3,540	3,800	4,220	4,580	4,760	5,010
USSR	704	1,199	1,783	2,020	2,174	2,395	2,604	2,658	2,764
Eastern Europe	716	1,050	1,360	1,520	1,630	1,830	1,970	2,100	2,240
Bulgaria	17	32	46	73	69	84	87	96	102
Czechoslovakia	115	158	189	217	232	257	293	312	309
East Germany	327	364	413	427	436	442	441	423	415
Hungary ²	16	49	67	83	87	89	91	97	154
Poland	167	215	313	338	361	391	388	440	463
Romania	74	233	330	383	444	566	673	735	800
Other									
Cuba	N.A.	2	4	4	4	4	4	4	4
Yugoslavia	48	88	93	93	100	97	90	96	86

¹ Pure caustic soda (100 percent NaOH), including tonnage not commercialized but used on site for processing.

² Including regenerated caustic soda.

Table 121

Thousand Metric Tons of N

Synthetic Ammonia Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	3,595	6,618	10,315	11,348	11,739	12,232	12,282	12,982	12,648
Canada ²	382 ³	453	828	1,025	1,045	1,099	1,142	1,778	1,927
Japan ²	1,059	1,779	2,682	3,281	3,275	3,620	2,621	2,202	2,185
European Community	3,420	5,030	6,590	8,150	8,350	7,820	7,270	7,920	7,870
France	724	1,281	1,619	1,923	2,114	1,941	1,781	2,033	2,124
Italy	724	1,035	1,277	1,435	1,415	1,452	1,221	1,135	1,276
Netherlands	410	661	1,340	2,165	2,066	1,908	1,951	2,166	2,093
West Germany	1,242	1,659	1,821	2,064	2,170	1,981	1,862	1,989	1,881
Communist Countries									
USSR and Eastern Europe	2,180	5,000	10,400	13,100	14,700	16,200	16,900	17,800	18,900
USSR	1,138	3,137	6,282	8,367	9,062	9,868	10,090	10,744	11,300
Eastern Europe	1,040	1,860	4,090	4,780	5,660	6,340	6,850	7,100	7,560
Bulgaria	111	338	788	707	806	935	920	995	960
Czechoslovakia	153	254	432	544	776	710	725	791	817
East Germany	392	438	481	434	689	919	1,119	1,130	1,193
Hungary	67	173	414	501	499	513	703	729	756
Poland	285	440	1,187	1,565	1,666	1,707	1,726	1,665	1,610
Romania	29	218	792	1,031	1,222	1,559	1,660	1,793	2,227
Far East									
China ⁴	419	1,009	1,899	3,562	3,848	4,306	4,068	5,619	6,749
Other									
Yugoslavia	12	114	285	387	405	391	387	417	410

¹ Unless otherwise indicated, nitrogen content of synthetic ammonia.² Synthetic anhydrous. To convert to actual production of synthetic ammonia, multiply by 1.2158.³ Data are for 1961.⁴ Includes only ammonia produced for fertilizer.

Table 122

Thousand Metric Tons

Sulfuric Acid Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	38,700	51,400	61,600	68,600	72,100	64,900	65,100	70,500	74,400
United States ²	16,223	22,544	26,785	28,984	31,005	29,357	30,209	32,496	35,968
Japan	4,452	5,655	6,925	7,116	7,127	6,000	6,095	6,392	6,432
European Community	12,700	15,800	18,200	20,500	21,200	17,200	18,100	19,100	19,400
France	2,046	2,916	3,682	4,383	4,689	3,758	3,959	4,501	4,585
Italy	2,299	2,979	3,327	3,036	3,219	3,006	2,896	2,946	2,908
United Kingdom	2,745	3,358	3,351	3,886	3,855	3,166	3,271	3,405	3,456
West Germany ³	3,170	3,751	4,435	5,069	5,130	4,157	4,668	4,678	4,680
Communist Countries									
USSR and Eastern Europe	7,890	12,800	18,100	22,600	25,000	27,300	28,500	29,600	31,200
USSR	5,398	8,518	12,059	14,855	16,633	18,645	20,015	21,104	22,400
Eastern Europe	2,500	4,230	6,090	7,720	8,350	8,620	8,440	8,530	8,780
Bulgaria	123	318	502	561	761	854	857	860	974
Czechoslovakia	553	933	1,110	1,209	1,211	1,245	1,240	1,276	1,195
East Germany	730	985	1,099	1,058	1,005	1,002	957	927	972
Hungary ⁴	178	393	484	670	683	659	653	678	689
Poland	685	1,062	1,901	2,914	3,333	3,413	3,179	3,268	3,314
Romania	226	541	994	1,311	1,358	1,448	1,555	1,523	1,619
Other									
Yugoslavia	121	405	696	883	863	871	843	874	902

¹ Pure (monohydrate) sulfuric acid (100 percent H₂SO₄).² Including appreciable amounts produced in government-owned privately operated plants.³ Including data for West Berlin.⁴ Including oleum.

Table 123

Thousand Metric Tons

Mineral Fertilizer Production, Nutrient Content ¹

	1960/61	1965/66	1970/71	1973/74	1974/75	1975/76	1976/77	1977/78	
OECD ²	22,300	33,900	43,300	50,200	50,400	46,000	48,600	51,500	
United States	7,410	11,933	15,789	17,753	17,117	17,890	18,453	19,371	
Canada	496	2,545	4,465	6,572	7,179	6,234	7,493	8,106	
Japan	1,544	2,203	2,770	2,874	3,110	2,158	1,774	2,142	
Spain	674	1,043	1,604	1,835	1,709	1,823	2,035	2,019	
European Community	10,400	13,300	15,300	16,700	17,200	14,100	14,800	15,800	
France	3,021	4,161	4,644	5,418	5,481	4,438	4,372	4,798	
Italy	1,110	1,590	1,621	1,708	1,707	1,548	1,569	1,622	
West Germany	3,897	4,610	4,743	4,974	5,144	3,760	4,240	4,298	
	1960	1965	1970	1973	1974	1975	1976	1977	1978
Communist Countries									
USSR and Eastern Europe	6,510	12,000	20,800	26,200	29,000	31,900	34,200	35,500	36,300
USSR ³	3,281	7,389	13,099	17,429	19,352	21,988	22,590	23,493	23,642
Eastern Europe	3,230	4,640	7,710	8,810	9,620	9,950	11,600	12,000	12,700
Bulgaria	127	354	749	654	781	918	905	984	968
Czechoslovakia	287	484	680	770	800	1,012	1,100	1,178	1,176
East Germany	2,166	2,506	3,244	3,370	3,710	3,985	4,369	4,470	4,604
Hungary	102	265	517	594	583	641	783	798	847
Poland	477	738	1,629	2,179	2,339	2,581	2,593	2,610	2,621
Romania	71	293	895	1,242	1,410	1,729	1,869	1,981	2,461
Far East									
China	495	1,480	2,781	4,917	4,957	5,734	5,240	7,238	8,693
Other									
Yugoslavia	45	226	364	435	413	410	373	411	410

¹ Nitrogen fertilizer (in terms of nitrogen), phosphorus fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).

² Data are for "fertilizer years"—in general, the year beginning 1 July.

³ Including some products used for technical purposes.

Table 124

Thousand Metric Tons of N

Nitrogen Fertilizer Production, Nutrient Content

	1960/61	1965/66	1970/71	1973/74	1974/75	1975/76	1976/77	1977/78	
OECD ¹	8,460	13,400	19,300	21,800	21,800	21,100	21,600	22,800	
United States	2,739	5,081	8,161	9,158	8,474	9,339	9,582	10,000	
Canada	286	377	726	803	895	759	1,168	1,250	
Japan	1,030	1,615	2,105	2,138	2,341	1,573	1,149	1,446	
Spain	110	323	592	763	722	825	883	870	
European Community	3,650	4,980	6,240	7,020	7,530	6,730	7,010	7,380	
Belgium	278	310	594	654 ²	641 ²	608 ²	643 ²	630 ²	
France	671	1,066	1,351	1,642	1,694	1,445	1,465	1,565	
Italy	658	905	956	1,129	1,131	1,027	1,050	1,102	
Netherlands	417	562	930	1,212	1,334	1,154	1,279	1,400	
United Kingdom	449	666	748	755	977	1,055	1,085	1,100	
West Germany	1,180	1,419	1,505	1,473	1,574	1,263	1,290	1,297	
Other Countries ¹									
India	110	232	846	1,050	1,187	1,508	1,860	2,000	
	1960	1965	1970	1973	1974	1975	1976	1977	1978
Communist Countries									
USSR and Eastern Europe	1,910	4,250	8,740	11,100	12,100	13,500	14,000	14,700	15,100
USSR ³	1,003	2,712	5,423	7,241	7,856	8,535	8,609	9,114	9,200
Eastern Europe	906	1,540	3,320	3,900	4,240	4,950	5,380	5,560	5,910
Bulgaria	86	260	602	519	593	672	663	705	685
Czechoslovakia	140	220	296	351	385	496	568	605	625
East Germany	334	348	395	411	436	538	776	838	885
Hungary	57	148	350	404	393	421	492	514	533
Poland	270	394	1,030	1,365	1,457	1,533	1,548	1,521	1,471
Romania	19	166	647	854	980	1,292	1,331	1,381	1,715
Far East									
China	345	902	1,562	2,930	3,165	3,661	3,345	4,621	5,550
Other									
Yugoslavia	4	90	238	276	278	278	277	311	306

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

² Including Luxembourg.

³ Including some nitrogen for technical purposes.

Table 125

Thousand Metric Tons of P₂O₅

Phosphate Fertilizer Production, Nutrient Content

	1960/61	1965/66	1970/71	1973/74	1974/75	1975/76	1976/77	1977/78	
OECD ¹	7,960	11,300	13,700	15,800	15,500	13,600	14,700	15,600	
United States	2,626	4,260	5,369	6,232	6,568	6,331	6,682	7,150	
Australia	569	940	695	1,169	728	475	709	780	
Canada	210	419	560	696	661	633	670	650	
Japan	515	588	665	736	769	585	625	696	
Spain	299	317	487	615	606	492	592	600	
European Community	3,100	3,940	4,800	4,890	4,760	3,630	3,860	4,190	
Belgium	289	415	745	769 ⁴	757 ⁴	556 ⁴	589 ⁴	623 ⁴	
France ^{2 3}	770	1,218	1,451	1,693	1,709	1,259	1,340	1,564	
Italy	399	512	510	442	410	380	383	385	
West Germany	750	857	946	962	911	649	733	712	
Other Countries									
Brazil	45	61	162	320	371	517	875	1,009	
	1960	1965	1970	1973	1974	1975	1976	1977	1978
Communist Countries									
USSR and Eastern Europe	1,850	3,470	5,500	6,500	7,270	8,120	8,310	8,770	9,040
USSR ²	1,192	2,300	3,585	4,261	4,902	5,511	5,664	6,024	6,085
Eastern Europe	658	1,170	1,910	2,240	2,370	2,610	2,650	2,750	2,960
Bulgaria	41	94	148	135	188	246	242	279	283
Czechoslovakia ²	147	258	322	336	356	398	376	389	367
East Germany ²	166	232	430	403	410	427	423	403	413
Hungary	45	117	167	190	190	206	188	165	184
Poland	207	344	599	814	823	929	928	966	1,026
Romania	52	127	244	361	404	404	493	548	682
Far East									
China ²	150	578	1,103	1,819	1,612	1,866	1,706	2,356	2,829
Other									
Yugoslavia	41	136	126	19	135	132	96	100	104

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

² Including production of ground phosphate rock for direct application and phosphate animal feeds.

³ Beginning 1 May of the stated year.

⁴ Including Luxembourg.

Table 126

Thousand Metric Tons of K₂O

Potassium Fertilizer Production, Nutrient Content

	1960/61	1965/66	1970/71	1973/74	1974/75	1975/76	1976/77	1977/78	
OECD¹	5,920	9,130	10,300	12,700	12,900	11,300	12,400	13,200	
United States	2,045	2,592	2,259	2,363	2,075	2,220	2,189	2,221	
Canada	0	1,749	3,179	5,073	5,623	4,842	5,655	6,206	
Spain	265	404	525	457	381	506	560	549	
European Community	3,600	4,390	4,290	4,760	4,920	3,760	3,970	4,220	
France ²	1,581	1,877	1,842	2,082	2,078	1,734	1,567	1,669	
West Germany ³	1,967	2,335	2,293	2,539	2,659	1,848	2,217	2,289	
Other Countries									
Israel	92	310	576	515	654	716	645	716	
	1960	1965	1970	1973	1974	1975	1976	1977	1978
Communist Countries									
USSR and Eastern Europe	2,750	4,300	6,570	8,580	9,640	11,300	11,900	12,100	12,200
USSR ⁴	1,084	2,368	4,087	5,918	6,586	7,944	8,310	8,347	8,350
Eastern Europe	1,670	1,930	2,490	2,670	3,050	3,350	3,610	3,710	3,810
Czechoslovakia ⁵	0	6	62	83	105	168	184	184	184
East Germany	1,666	1,926	2,420	2,556	2,864	3,019	3,161	3,229	3,306
Hungary ⁵	0	0	0	0	0	14	103	119	130
Poland ⁵	0	0	0	0	59	119	120	123	124
Romania ⁵	0	0	4	27	26	33	45	52	64
Far East									
China	0	0	116	168	180	207	189	261	314

¹ 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).

² Beginning 1 May of the stated year.

³ Excluding technical potash.

⁴ Including some potassium for technical purposes.

⁵ Imported potash added to domestically produced nitrogen and phosphate to form multinutrient fertilizer.

Table 127

Thousand Metric Tons

Plastics Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ¹	2,850	5,300	8,712	12,539	12,455	9,626	12,483	14,889	16,599
Japan	556	1,609	5,128	6,536	6,693	5,167	5,803	5,849	5,895
European Community	2,400	5,070	10,200	15,600	15,500	13,000	15,800	15,800	16,500
West Germany	982	1,999	4,321	6,436	6,271	5,046	6,447	6,250	6,756
Communist Countries									
USSR and Eastern Europe	560	1,370	2,860	4,040	4,340	4,920	5,530	6,100	6,490
USSR ²	312	803	1,673	2,320	2,493	2,842	3,058	3,309	3,517
Eastern Europe	248	571	1,190	1,720	1,850	2,080	2,470	2,790	2,980
Bulgaria	7	33	89	144	146	156	157	169	177
Czechoslovakia	64	126	245	336	390	428	581	738	810
East Germany	115	219	370	489	518	605	679	734	753
Hungary	10	27	56	111	115	124	141	148	213
Poland	40	91	224	334	395	421	446	463	471
Romania	12	75	206	302	283	347	465	543	552
Other									
Yugoslavia	15	57	97	126	167	160	205	237	294

¹ Dry basis, excluding water, solvents, and other liquid diluents.² Including resins for manmade fibers.

Table 128

Thousand Metric Tons

Synthetic Rubber Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	1,910	2,960	4,580	5,760	5,360	4,530	5,510	5,810	5,760
United States	1,459	1,842	2,232	2,607	2,396	1,990	2,426	2,528	2,460
Canada	162	206	205	230	209	173	210	238	248
Japan	23	161	698	968	858	789	941	971	1,011
European Community	269	727	1,340	1,770	1,720	1,410	1,740	1,840	1,810
France	17	148	316	458	463	350	437	479	488
Italy	67	120	155	230	240	200	250	240	250
Netherlands	12	100	200	263	245	216	247	240	222
United Kingdom	92	175	316	364	336	261	320	329	295
West Germany	81	164	302	393	372	316	373	424	422
Other Countries									
Brazil	0	39	75	126	155	129	164	188	206
Communist Countries									
USSR and Eastern Europe	454	789	1,210	1,540	1,690	1,880	2,000	2,190	2,310
USSR ¹	347	604	914	1,155	1,290	1,450	1,570	1,700	1,795
Eastern Europe	107	185	295	384	401	427	435	486	512
Bulgaria	0	0	4	18	18	19	21	25	25
Czechoslovakia	0	20	50	55	51	57	57	59	59
East Germany ²	87	95	118	134	139	144	145	147	155
Poland	20	39	62	94	101	108	117	119	126
Romania	0	31	61	83	92	99	95	136	147

¹ Estimated.² Including Pervinan and Plastikator.

Table 129

Thousand Metric Tons

Natural Rubber Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
India	25.2	49.4	89.9	123.2	128.4	136.0	147.8	151.6	133.0
Indonesia ¹	620.3	716.5	815.2	885.8	855.0	822.5	847.5	835.0	875.0
Malaysia ²	755.7	916.9	1,269.2	1,542.3	1,524.7	1,459.3	1,639.8	1,613.2	1,605.1
Sri Lanka	98.8	118.3	159.2	154.7	132.0	148.8	152.1	146.2	155.7
Thailand ¹	170.8	216.4	287.2	387.0	379.4	354.6	404.8	422.9	463.9

¹ Exports plus estimated consumption.² Including data for Malaya and Singapore, Sarawak, and Sabah.

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**Manufacturing Goods
and Forestry**

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Table 130

Woven Cotton Fabrics Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States (Million lm)	8,564	8,447	5,711	4,957	4,560	3,956	4,069	3,874	3,623
Japan (Million sm)	3,221	3,013	2,616	2,380	2,163	2,124	2,237	2,266	2,315
Spain (Thousand mt)	93	101	112	130	132	131	91	94	90
Turkey ² (Million lm)	384	781	815	811	778	785	759	662	884
European Community									
France (Thousand mt)	384	210	197	208	205	174	190	192	167
Italy (Thousand mt)	139	103	129	128	154	126	113	138	143
United Kingdom ² (Million lm)	1,183	928	628	454	410	405	374	370	391
West Germany (Thousand mt)	249	206	182	188	182	166	199	169	160
Other Countries									
Hong Kong ² (Million sm)	387	543	645	597	558	682	822	677	635
India (Million lm)	6,629	7,643	7,849	7,770	8,285	8,033	7,945	3,252	3,317
Pakistan ^{2 3} (Million lm)	575	654	663	644	648	608	569	436	342
Communist Countries									
USSR and Eastern Europe									
USSR ⁴ (Million sm)	4,838	5,499	6,152	6,578	6,624	6,634	6,779	6,811	6,968
Eastern Europe									
Bulgaria ⁴ (Million lm)	218	291	319	333	347	372	359	371	355
Czechoslovakia ^{4 5} (Million lm)	464	500	501	553	550	555	530	533	544
East Germany (Million sm)	254	244	248	243	248	246	274	272	280
Hungary ⁴ (Million sm)	247	323	304	346	355	352	353	366	365
Poland ⁴ (Million lm)	665	811	881	868	885	928	948	951	917

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Romania ¹ (Million sm)	248	319	437	571	612	591	677	703	718
Far East									
China (Million lm)	N.A.	5,727	8,500	N.A.	N.A.	9,565	8,888	10,043	11,100
Other									
Yugoslavia ⁴ (Million sm)	257	394	390	361	365	376	385	384	410

¹ Unless otherwise indicated, data are for fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up. Abbreviations for units of measure are as follows: linear meters, lm; square meters, sm; and metric tons, mt.

² Excluding mixed fabrics.

³ Mill production only. Data include finished fabrics.

⁴ Fabrics after undergoing finishing processes.

⁵ Including nonwoven fabrics.

⁶ Including cellulosic fabrics.

Table 131

Woven Woolen Fabrics Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States (Million lm)	262	244	163	97	73	71	87	94	107
Australia ² (Million sm)	25	30	27	18 ³	12 ³	7 ³	8 ³	7 ³	6 ³
Canada ^{4, 5} (Million sm)	25	30	28	29	24	24	N.A.	N.A.	N.A.
Japan ⁶ (Million sm)	316	341	426	470	357	357	374	347	336
Spain (Thousand mt)	17	22	34	38	37	31	28	27	26
Turkey ⁷ (Million lm)	10	24	30	22	28	36	38	23	26
European Community									
Belgium (Thousand mt)	29	38	39	37	30	30	34	27	27
France (Thousand mt)	72	60	64	72	68	63	77	72	73
Italy (Thousand mt)	47	35 ⁷	134	166	159	N.A.	N.A.	N.A.	N.A.
Netherlands ⁴ (Million sm)	68	67	27	24	21	19	17	N.A.	N.A.
United Kingdom ^{4, 5} (Million sm)	307	270	215	192	175	151	143	150	144
West Germany ⁴ (Thousand mt)	51	55	48	49	39	38	40	37	36
Communist Countries									
USSR and Eastern Europe									
USSR ⁴ (Million sm)	439	466	643	703	724	740	764	773	781
Eastern Europe									
Bulgaria ⁴ (Million lm)	19	20	27	30	33	39	36	36	35
Czechoslovakia ^{4, 8} (Million lm)	46	44	49	56	63	68	65	64	62
East Germany (Million sm)	49	39	37	37	37	37	39	39	40
Hungary ⁴ (Million sm)	32	36	39	38	40	39	41	43	43
Poland ⁴ (Million lm)	79	91	99	107	117	124	125	124	124

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Romania * (Million sm)	32	41	63	83	94	96	105	119	127
Other									
Yugoslavia (Million sm)	46	55	57	60	66	66	67	79	74

¹ Unless otherwise indicated, data are for woven woolen and worsted fabrics (in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up) and for mixed woolen fabrics. Abbreviations for units of measure are as follows: linear meters, lm; square meters, sm; and metric tons, mt.

² Twelve months ending 30 June of the stated year.

³ Excluding worsted fabrics.

⁴ Fabrics after undergoing finishing processes.

⁵ Factory shipments.

⁶ Including finished fabrics.

⁷ Excluding mixed fabrics.

⁸ Including nonwoven fabric.

Table 132

Woven Rayon and Acetate Fabrics Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States (Million lm)	1,312	1,792	1,374	1,208	901	610	507	756	850
Australia ^{2 3} (Million sm)	15	27	29	25	23	17	17	17	17
Japan ³ (Million sm)	1,828	1,653	1,548	1,299	988	838	926	883	852
European Community									
Belgium (Thousand mt)	10	17	26	34	33	28	31	32	31
France ⁴ (Thousand mt)	30	32	42	51	53	47	50	48	44
United Kingdom ⁴ (Million lm)	564	572	444	490	491	491	493	498	449
West Germany (Thousand mt)	N.A.	116	97	85	84	67	72	66	66
Other Countries									
India ⁴ (Million lm)	550	870	935	887	850	846	1,024	N.A.	N.A.
Communist Countries									
USSR and Eastern Europe									
USSR (Million sm)	628	769	1,112	1,305	1,371	1,463	1,550	N.A.	N.A.
Eastern Europe									
Bulgaria ^{4 5 6} (Million lm)	11	15	21	26	26	31	32	29	31
Czechoslovakia (Million lm)	N.A.	59	65	65	61	62	59	60	N.A.
East Germany (Million sm)	68	77	117	122	122	121	118	129	135
Hungary ^{3 5} (Million sm)	28	36	57	53	52	55	57	57	62
Poland ⁶ (Million lm)	112	126	156	187	187	180	190	177	168
Romania ^{5 6} (Million sm)	25	32	48	74	78	89	106	120	127

Other									
Yugoslavia ⁴ (Million sm)	19	24	29	36	35	39	36	42	41

¹ Unless otherwise indicated, data are for pure and mixed fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up. Abbreviations for units of measure are as follows: linear meters, lm; square meters, sm; and metric tons, mt.

² Twelve months ending 30 June of the stated year.

³ Including finished fabrics.

⁴ Including fabrics of noncellulosic fibers.

⁵ Including fabrics of natural silk.

⁶ Fabrics after undergoing finishing processes.

Table 133

Thousand Metric Tons

Synthetic Fibers Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	307.2	806.0	1,626.8	2,861.9	2,817.6	2,664.4	2,999.6	3,317.4	3,523.1
Canada	17.0	37.5	73.4	97.0	102.2	92.6	96.6	114.7	109.7
Japan	118.3	379.6	1,028.4	1,308.0	1,174.8	1,060.8	1,225.2	1,320.0	1,418.4
Spain	3.1	14.8	63.5	130.6	126.8	120.1	146.2	166.6	180.0
European Community	204	586	1,370	2,080	1,910	1,660	2,040	1,870	1,990
France	45.3	92.8	175.2	266.3	237.7	209.6	257.6	250.4	257.8
Italy	33.7	109.8	241.4	382.3	349.2	321.4	427.5	381.6	405.6
United Kingdom ²	61.0	148.0	336.9	453.9	396.1	361.1	414.2	358.8	406.8
West Germany ³	52.3	179.3	497.0	810.4	766.9	633.0	771.5	712.5	744.0
Communist Countries									
USSR and Eastern Europe	35.5	136	361	616	729	819	912	1,000	1,050
USSR	15.0	77.0	167.0	287.0	318.0	365.0	408.0	459.0	483.0
Eastern Europe	20.5	58.7	194	329	411	454	504	542	569
Bulgaria	0	0	23.1	38.1	40.8	41.7	41.9	44.0	45.0
Czechoslovakia	3.4	9.8	31.4	52.9	60.2	69.4	75.1	79.5	85.1
East Germany	7.8	19.0	47.3	92.9	103.9	111.8	117.6	124.0	127.5
Hungary	0.4	2.3	5.6	9.6	11.5	11.3	11.8	16.9	19.3
Poland	8.0	24.3	57.5	82.8	98.7	124.2	143.3	153.4	158.3
Romania	0.9	3.3	29.5	52.4	95.5	95.6	113.9	124.5	133.7
Other									
Yugoslavia	N.A.	1.1	8.7	16.6	17.7	18.5	20.8	25.7	36.1

¹ 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.

² "Delivery weight," approximately 3 percent less than "actual weight," prior to mid-1967. Thereafter, approximately one-half of production is reported as "actual weight."

³ Including data for West Berlin.

Table 134**Computers and Peripheral Equipment Production**

	1970	1973	1974	1975	1976	1977	1978
OECD							
United States ¹ (million US \$)	3,678	6,532	7,552	7,478	9,900	11,837	14,323
United Kingdom ² (million US \$)	501	865	965	1,081	1,068	1,175	1,500
West Germany (million US \$)	736	1,396	1,590	1,403	1,577	2,201	N.A.
Communist Countries							
USSR ³ (million rubles)	710	1,643	2,221	1,919	2,266	2,807	3,300
East Germany ⁴ (million marks)	1,100	1,783	2,026	2,033	2,173	2,327	N.A.
Hungary ⁵ (million forints)	116	1,000	1,912	2,547	3,300	4,200	4,500
Poland ⁶ (million zlotys)	N.A.	663	891	1,430	1,577	1,720	1,625

¹ Shipments.² Sales.³ Including business machines. Starting in 1975, the Soviets changed their prices; therefore, data for 1975-78 are not comparable with data for earlier years.⁴ Including business machines. Values are based on current prices.⁵ Based on current prices.⁶ Based on comparable prices.

Table 135

Thousand Kilowatts

Electric Generator Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States ²	12,899	15,451	27,565	34,820	38,269	30,496	35,349	30,222	27,865
Communist Countries									
USSR	7,900	14,390	10,578	16,500	16,000	17,100	16,600	17,900	18,200
Bulgaria	29	13	37	232	27	32	96	67	N.A.
Czechoslovakia ³	1,391	888	1,488	1,989	1,543	1,474	1,775	1,863	N.A.
Hungary ^{3,4}	347	416	590	865	984	861	801	81	N.A.
Romania	83	295	747	913	976	1,479	2,234	1,515	N.A.
China	N.A.	800	2,300	4,300	5,100	6,000	6,600	N.A.	N.A.

¹ Turbogenerators and hydrogenerators. Production of diesel generators is believed to be negligible in most instances.

² Shipments of units of 4,000 kilowatts and larger.

³ Generators for steam and gas turbines only.

⁴ Thousand kilovolt amperes.

Table 136

Thousand Kilowatts

Turbine Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States ²	12,899	15,451	27,565	34,820	38,269	30,496	35,349	30,222	27,865
Communist Countries									
USSR ³	9,200	14,625	16,191	15,143	17,271	18,886	19,594	18,900	19,500
Czechoslovakia	1,555	1,994	2,239	1,501	1,379	1,720	1,616	1,745	N.A.
Poland ⁴	186	471	1,135	1,408	1,701	1,820	1,831	1,532	1,579
Romania ³	98	27	121	415	708	712	678	734	N.A.

¹ 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 electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

² 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.

³ Including a small number of gas turbines.

⁴ Steam turbines only.

⁵ Steam turbines of more than 500 kilowatts only.

Table 137

Metalforming Machine Tool Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States									
Thousand US\$	238.4	409.9	454.1	563.1	640.4	615.7	586.0	651.3	798.6
Thousand units ²	19.3	25.3	24.2	30.7	37.0	26.8	26.7	32.5	35.0
USSR									
Thousand US\$ ³	188.3	235.1	359.2	480.3	541.7	581.1	664.3	706.6	776.7
Thousand units	29.9	34.6	41.3	46.5	48.9	50.5	51.9	54.3	55.4

¹ 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.

² Average value of \$1,000 and over.

³ Converted at the exchange rate of 1 ruble=\$1.46.

million

Table 138**Metalcutting Machine Tool Production ¹**

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States ²									
Million US\$	539.30	1,047.80	1,097.70	1,224.70	1,525.60	1,790.40	1,592.20	1,789.40	2,205.70
Thousand units	42.91	68.01	49.31	57.88	69.00	64.32	54.10	59.40	70.10
Communist Countries									
USSR and Eastern Europe									
USSR									
Million US\$ ³	611.74	931.48	1,427.88	1,843.98	2,025.02	2,179.78	2,340.38	2,556.49	2,805.78
Thousand units	155.92	186.13	202.16	213.79	225.59	231.33	232.66	236.00	236.00
Eastern Europe									
Bulgaria (thousand units)	3.15	8.06	13.94	15.66	15.47	16.28	14.44	13.74	14.00
Czechoslovakia (thousand units)	30.23	24.33	35.19	31.65	30.19	29.66	31.73	37.61	38.00
East Germany (thousand units)	41.90	24.77	22.22	19.16	19.11	19.72	19.42	18.76	19.00
Hungary (thousand units)	9.78	13.85	14.48	9.20	12.67	12.83	14.01	15.08	16.00
Poland (thousand units)	22.47	31.13	29.73	34.70	33.81	33.19	24.23	23.18	27.54
Romania (thousand units)	4.44	7.16	14.14	20.55	24.83	28.27	29.89	30.06	31.00

¹ 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.

² Average value of \$1,000 and over.

³ Converted at the exchange rate of 1 ruble=\$1.46.

Table 139

Units

Grain Combine Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States ²	30,165	37,606	21,017	25,241	28,644	31,259	31,712	31,943	31,843
Communist Countries									
USSR and Eastern Europe	67,000	91,200	103,000	91,500	98,100	108,000	112,000	116,000	125,000
USSR	59,000	85,800	99,200	84,800	88,400	97,500	101,700	105,500	113,000
Eastern Europe	8,040	5,380	4,230	6,700	9,720	10,800	10,600	10,700	12,400
East Germany	1,972	1,585	900	1,400	1,500	1,500	1,400	1,400	3,000
Poland	564	1,781	2,155	2,402	2,909	3,591	4,008	4,002	4,000
Romania	5,500	2,012	1,179	2,903	5,315	5,659	5,198	5,365	5,400

¹ Tractor-drawn and self-propelled.² Shipments.

Table 140

Thousand Units

Tractor Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	178.5	271.8	191.7	236.9	233.8	232.0	213.2	226.9	197.3
European Community									
France	63.4	90.0	68.8	51.2	56.6	55.8	64.5	60.4	48.0
Italy	37.6	62.7	84.8	86.3	104.5	116.4	128.2	140.5	129.6
United Kingdom ²	181.0	178.5	160.7	119.3	119.6	141.7	161.5	147.2	135.0
West Germany ³	120.7	105.0	105.4	99.9	116.1	114.1	125.2	128.9	116.0
Communist Countries									
USSR and Eastern Europe	308	443	574	628	680	743	758	759	767
USSR	238.5	354.5	458.5	499.6	531.1	550.4	562.2	569.1	576.0
Eastern Europe	69.0	88.2	115	128	149	192	196	190	191
Bulgaria	0	3.8	4.4	4.0	4.2	5.1	5.9	6.3	6.5
Czechoslovakia	32.5	32.1	24.3	30.6	40.8	75.0	73.1	61.0	60.0
East Germany	9.1	12.9	16.4	3.9	4.0	4.0	4.0	3.9	3.5
Hungary	2.6	3.0	1.9	1.1	0.7	0.6	0.6	0.7	0.4
Poland	7.7	20.6	38.7	49.6	55.0	57.6	58.8	59.1	59.5
Romania	17.1	15.8	29.3	38.8	44.6	50.0	53.9	59.3	61.0
Other									
Yugoslavia	7.3	7.4	12.0	20.7	27.7	33.2	42.2	41.8	50.1

¹ Excluding garden-type tractors.² Shipments.³ Excluding tracklaying tractors.

Table 141

Thousand Units

Passenger Automobile Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ¹	6,675	9,306	6,547	9,658	7,331	6,713	8,498	9,199	9,165
Canada	326	707	923	1,228	1,166	1,045	1,137	1,163	1,184
Japan	165	696	3,179	4,471	3,932	4,568	5,028	5,431	5,976
European Community	4,920	7,130	9,660	10,770	9,270	8,730	10,100	10,500	10,600
France	1,136	1,374	2,458	3,202	3,045	2,951	3,388	3,559	3,648
Italy ²	596	1,104	1,720	1,825	1,632	1,348	1,471	1,440	1,510
United Kingdom	1,353	1,722	1,641	1,747	1,534	1,267	1,333	1,316	1,223
West Germany	1,817	2,734	3,528	3,643	2,840	2,905	3,548	3,796	3,900
Other Countries									
Brazil	57	114	255	466	562	554	556	463	520
Communist Countries									
USSR and Eastern Europe	272	411	710	1,410	1,660	1,780	1,880	1,980	2,080
USSR	139	201	344	917	1,119	1,201	1,239	1,280	1,312
Eastern Europe	133	210	366	495	539	581	645	697	767
Bulgaria	0	0	8	11	14	15	15	15	15
Czechoslovakia	56	78	143	164	169	175	179	159	175
East Germany	64	103	127	147	155	159	164	167	170
Poland ³	12	25	64	113	133	164	216	279	326
Romania ⁴	1	4	24	60	68	68	71	77	81
Other									
Yugoslavia ⁵	4	36	111	125	171	183	195	234	253

¹ Factory sales.² Excluding production for the armed forces.³ Excluding special passenger cars.⁴ Including jeeps.⁵ Including vehicles assembled from imported parts.

Table 142

Thousand Units

Truck and Bus Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD ²									
United States ³	1,194	1,752	1,692	2,980	2,727	2,272	2,979	3,440	3,706
Canada	72	145	236	347	359	379	503	613	730
Japan	595	1,222	2,126	2,617	2,624	2,380	2,819	3,072	3,265
Spain	17	74	77	104	115	101	95	134	150
European Community	983	1,020	1,240	1,300	1,270	1,160	1,310	1,350	1,330
France	234	242	292	394	418	346	454	456	452
Italy ⁴	49	72	134	135	142	110	119	144	149
United Kingdom	458	455	458	417	403	381	372	396	384
West Germany	238	243	318	306	265	286	329	312	293
Other Countries									
Brazil	76	72	161	251	337	370	407	455	500
Communist Countries									
USSR and Eastern Europe	568	505	728	879	928	980	1,000	1,020	N.A.
USSR	501	415	572	685	727	763	786	808	839
Eastern Europe	67	90	156	194	201	217	219	215	N.A.
Bulgaria	0	0	3	5	5	6	7	7	7
Czechoslovakia ⁵	18	18	27	30	32	36	40	39	N.A.
East Germany	13	16	27	33	37	38	38	37	37 ⁶
Hungary ⁵	4	6	9	10	11	13	13	13	14
Poland	23	34	53	77	80	85	83	80	77
Romania	9	16	37	39	36	39	38	39	42
Far East									
China ⁶	15	30	70	110	121	133	125	125	149
North Korea	3	4	8	15	17	19	21	22	N.A.
Other									
Yugoslavia	6	12	17	17	15	19	21	21	21

¹ Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

² Data include complete units exported for assembly.

³ Factory sales.

⁴ Excluding production for the armed forces.

⁵ Excluding wheeled tractors.

⁶ Excluding buses, jeeps, and three-wheel trucks.

⁷ Excluding buses, beginning in 1977.

Table 143

Thousand Units

Railroad Freight Car Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	57.31	77.83	66.18	58.25	67.04	72.39	52.55	51.73	67.29
European Community									
France ²	7.93	15.04	14.23	13.92	9.84	9.62	6.92	6.37	3.70
West Germany	6.63	11.31	9.60	8.07	7.51	6.96	6.82	6.81	N.A.
Other Countries									
India	11.90	33.50	11.98	11.90	11.08	12.24	11.28	12.67	10.69
Communist Countries									
USSR and Eastern Europe	64.7	72.9	97.5	112	116	117	119	118	N.A.
USSR	36.40	39.60	58.30	71.80	72.40	69.90	71.90	71.20	68.30
Eastern Europe	28.3	33.3	39.2	40.4	43.8	47.4	46.7	47.3	N.A.
Bulgaria	2.01	1.58	1.99	1.97	1.99	2.51	2.55	2.75	2.80
Czechoslovakia	5.15	4.30	4.35	5.37	5.13	5.03	5.09	5.53	N.A.
East Germany	2.14	2.17	5.71	4.66	4.85	5.05	5.43	5.59	5.80
Hungary	0.45	0.55	0.50	0.94	0.56	0.48	0.09	0.16	0.06
Poland	13.90	16.30	15.46	16.47	17.85	18.74	20.40	18.60	17.87
Romania	4.62	8.58	11.16	11.00	13.38	15.59	13.11	14.65	N.A.
Far East									
China	23.00	6.60	N.A.	N.A.	N.A.	N.A.	N.A.	6.39	16.95
North Korea	0.60	1.60	3.50	5.20	6.00	6.90	7.40	8.90	N.A.
Other									
Yugoslavia	3.42	4.85	2.61	3.79	2.14	3.33	3.32	1.23	1.45

¹ Units of two, four, or more axles. Most production now consists of four-axle units.

² Shipments.

Table 144

Thousand Units

Television Receiver Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	5,828	11,028	9,483	17,367	15,279	10,637	14,131	15,432	17,406
Japan	3,578	4,190	13,782	14,414	13,406	12,160	17,034	16,178	14,800
European Community	6,140	7,210	9,360	11,800	11,800	9,700	10,400	11,200	11,800
France	655	1,250	1,511	1,695	1,694	1,606	1,777	1,911	1,942
Italy	728	1,042	2,028	2,200	2,330	1,931	2,068	2,211	2,434
United Kingdom	2,141	1,591	2,214	3,138	2,616	2,124	2,108	2,175	2,360
West Germany	2,164	2,776	2,936	3,898	4,237	3,357	3,727	4,082	4,290
Communist Countries									
USSR and Eastern Europe	2,720	5,360	8,900	8,700	9,300	9,920	10,100	9,940	N.A.
USSR	1,726	3,655	6,682	6,271	6,569	6,960	7,063	7,073	7,164
Eastern Europe	989	1,700	2,220	2,430	2,730	2,960	3,000	2,870	N.A.
Bulgaria	Negl.	74	193	74	113	124	58	65	71
Czechoslovakia	263	274	383	381	409	445	456	461	N.A.
East Germany	416	537	380	433	467	509	560	525	550
Hungary	139	267	364	353	395	400	412	423	435
Poland	171	452	616	796	895	971	963	920	971
Romania	Negl.	101	280	397	451	512	548	476	516
Far East									
China	N.A.	5	15	75	115	205	163	250	500
Other									
Yugoslavia	14	254	320	354	418	425	402	427	452

Table 145

Thousand Units

Radio Receiver Production¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	24,463	41,726	44,427	50,198	43,993	34,516	44,102	52,926	48,036
Canada ³	696	931	1,751	2,652	2,524	1,009	751	1,152	1,050
Japan	12,851	22,937	32,618	24,484	18,027	14,283	16,770	17,308	16,278
European Community	8,560	11,100	16,400	14,800	13,800	10,900	13,000	14,000	11,600
Belgium/Luxembourg/Netherlands	1,103	1,240	1,923	2,060	2,156	1,796	1,726	1,894	1,820
France	2,214	2,298	2,921	3,017	3,374	3,051	3,458	3,570	3,381
Italy	935	1,195	3,300	2,150	1,800	791	1,540	1,961	1,720
United Kingdom	2,504	1,912	1,313	1,376	990	684	723	892	810
West Germany	4,313	4,071	6,729	5,953	5,340	4,415	5,443	5,589	5,450
Communist Countries									
USSR and Eastern Europe	6,400	7,570	10,800	11,900	12,300	12,500	13,000	13,400	N.A.
USSR	4,165	5,160	7,815	8,615	8,753	8,376	8,456	8,652	8,744
Eastern Europe	2,240	2,410	3,020	3,250	3,550	4,100	4,590	4,790	N.A.
Bulgaria	157	130	145	71	110	228	169	147	N.A.
Czechoslovakia	270	298	416	226	198	183	224	235	N.A.
East Germany	810	808	807	979	1,016	1,071	1,122	1,126	1,150
Hungary	212	228	206	199	205	255	250	259	264
Poland	627	624	987	1,150	1,422	1,651	2,038	2,291	2,568
Romania	167	323	455	623	602	712	791	730	664
Far East									
China	1,500	1,500	4,600	12,100	15,000	18,000	N.A.	N.A.	N.A.
Other									
Yugoslavia	244	504	277	104	155	140	109	187	168

¹ Civilian radio receivers and radio-phonograph combinations.² The data presented reflect the total market and include, prior to 1971, factory sales by manufacturers plus products imported directly for resale. Beginning 1971, data include products produced, imports by manufacturers for sale under their brand names, and products imported directly for resale.³ Receiving sets for home use only.

Table 146

Million Square Meters

Housing Construction ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States	145.4	159.5	152.3	240.4	196.9	161.9	177.2	213.9	234.3
USSR	109.6	97.6	106.0	110.5	110.1	109.9	106.2	107.8	108.5

¹ Total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

Table 147

Thousand Units

Rubber Tire Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	123,059	172,532	193,971	228,535	218,203	191,999	190,898	237,049	230,330
Japan ²	10,100	28,432	63,828	87,744	70,776	74,580	85,284	84,888	90,900
European Community									
France ³	16,518	23,374	39,420	45,715	45,405	39,365	43,995	46,596	46,416
Italy ²	N.A.	N.A.	22,383	28,072	27,715	25,716	28,692	53,292	53,944
United Kingdom ²	15,904	23,394	30,540	30,288	27,499	26,008	29,871	28,911	26,665
West Germany ²	14,745	25,566	37,548	41,328	34,608	32,016	37,596	38,232	37,524
Communist Countries									
USSR and Eastern Europe	23,400	35,800	48,800	61,000	67,300	72,700	76,600	81,000	83,500
USSR	17,225	26,434	34,620	42,296	47,087	51,480	54,515	57,400	59,000
Eastern Europe	6,130	9,390	14,100	18,700	20,200	21,200	22,100	23,600	24,500
Bulgaria	196	349	550	1,000	1,111	1,227	1,236	1,320	1,250
Czechoslovakia ⁴	1,324	1,792	2,778	4,371	4,624	4,720	4,789	5,144	5,350
East Germany ⁵	2,714	3,750	4,692	5,484	5,784	6,272	6,432	6,652	6,728
Hungary ²	336	581	665	647	618	709	739	762	720
Poland ³	1,222	1,697	2,995	3,929	4,525	4,566	4,764	5,425	5,853
Romania ⁶	337	1,222	2,457	3,249	3,517	3,703	4,115	4,263	4,597
Other									
Cuba	325	197	202	372	391	368	266	N.A.	N.A.
Yugoslavia ⁷	391	955	2,763	4,589	4,669	5,110	5,644	8,126	8,862

¹ Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.² Excluding motorcycle tires.³ Excluding motorcycle, tractor, and agricultural tires.⁴ Excluding motorcycle and bus tires.⁵ Including solid rubber tires.⁶ Including aircraft tires.⁷ Automobile, motorcycle, and aircraft tires only.

Table 148

Million Metric Tons

Cement Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	186	250	318	378	366	336	348	364	391
United States	56.06	65.08	67.43	77.58	73.41	61.82	66.18	71.30	80.84
Canada	5.34	7.66	7.28	10.05	10.64	9.74	9.90	9.92	10.37
Japan	22.54	32.49	57.19	78.12	73.11	65.52	68.71	73.14	84.89
Spain	5.23	9.88	16.70	22.37	23.80	24.10	25.30	28.00	29.30
Turkey	2.04	3.24	6.37	8.95	8.93	10.86	12.34	13.85	15.60
European Community	77.4	107	132	144	139	129	131	130	132
Belgium	4.39	5.90	6.73	7.04	7.47	6.89	7.50	7.76	7.58
France	14.35	22.42	29.01	30.71	32.50	29.71	29.51	28.96	28.02
Italy	16.01	20.70	33.08	36.31	36.31	34.24	36.32	38.21	38.83
United Kingdom	13.50	16.98	17.17	19.99	17.78	16.90	15.78	15.46	15.91
West Germany ²	24.90	34.13	38.32	41.01	35.98	33.50	34.15	32.24	33.55
Other Countries									
Brazil	4.74	5.87	9.00	13.40	14.92	16.74	17.87	21.13	23.23
India	7.84	10.58	13.96	15.01	14.26	16.24	18.68	19.18	19.62
Mexico	3.09	4.30	7.27	9.91	10.67	11.70	12.70	13.09	14.05
Communist Countries									
USSR and Eastern Europe	68.4	104	137	160	170	180	186	193	195
USSR	45.52	72.39	95.25	109.52	115.14	122.06	124.25	127.06	127.00
Eastern Europe	22.9	31.8	42.1	50.9	54.8	58.1	61.9	65.6	68.4
Bulgaria	1.59	2.68	3.67	4.18	4.30	4.36	4.36	4.66	5.14
Czechoslovakia	5.05	5.71	7.40	8.38	8.97	9.30	9.55	9.75	10.20
East Germany	5.03	6.09	7.98	9.55	10.10	10.66	11.34	12.10	12.90
Hungary	1.57	2.38	2.77	3.40	3.44	3.76	4.30	4.62	4.76
Poland	6.60	9.57	12.18	15.55	16.76	18.54	19.80	21.30	21.65
Romania	3.05	5.41	8.13	9.85	11.20	11.52	12.55	13.12	13.80
Far East									
China	12.00	16.28	26.60	41.00	37.30	47.10	49.30	55.65	65.24
Modern Plants	9.00	10.90	15.10	20.50	16.00	19.40	19.70	20.00	23.42
Small Plants	3.00	5.38	11.50	20.50	21.30	27.70	29.60	35.65	41.82
North Korea	2.30	2.40	4.00	5.00	5.20	5.70	4.80	6.00	6.60
Other									
Cuba	0.80	0.80	0.74	1.76	1.81	2.08	2.50	2.65	2.71
Yugoslavia	2.40	3.10	4.40	6.20	6.65	7.07	7.62	8.01	8.72

¹ All types of hydraulic cements used in construction.² Including data for West Berlin.

Table 149

Thousand Cubic Meters

Lumber Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	176,000	199,000	214,000	244,000	224,000	197,000	226,000	235,000	N.A.
United States	77,697	84,236	81,524	91,223	82,581	75,717	86,081	89,448	N.A.
Canada	18,988	25,541	26,734	36,224	32,485	26,715	36,663	41,766	N.A.
Japan	26,734	33,291	42,127	45,038	40,510	37,362	39,315	38,273	N.A.
Australia	3,299	3,347	3,235	3,263	3,329	3,322	3,285	3,296	N.A.
Austria	5,004	4,534	5,326	5,735	5,639	4,940	5,987	6,204	N.A.
Finland	8,289	6,919	7,310	8,140	7,800	5,020	5,850	6,800	N.A.
Spain	1,077	1,918	2,250	2,514	2,546	2,224	2,554	2,342	N.A.
Sweden	8,620	10,266	12,246	13,718	13,576	10,904	11,626	11,150	N.A.
Turkey	736	1,355	2,307	2,447	2,423	2,460	2,967	3,148	N.A.
European Community	19,600	21,700	24,100	26,600	24,800	21,000	24,200	24,900	N.A.
France	7,454	8,049	9,263	10,441	9,916	7,611	8,787	9,338	N.A.
Italy	1,710	1,945	2,292	2,600	2,102	1,639	1,957	2,209	N.A.
West Germany	7,739	8,891	9,383	10,202	9,905	9,028	10,303	9,973	N.A.
Other Countries									
Brazil	5,700	5,661	8,035	7,109	7,642	10,128	11,243	12,643	N.A.
India	1,400	2,100	2,600	2,900	3,000	3,250	3,400	3,550	N.A.
Malaysia	1,395	1,859	3,110	4,293	4,031	3,817	5,217	5,589	N.A.
Communist Countries									
USSR and Eastern Europe	124,000	129,000	136,000	137,000	135,000	137,000	133,000	130,000	N.A.
USSR	105,600	111,000	116,400	116,200	114,700	116,200	112,600	109,500	N.A.
Eastern Europe	18,100	18,100	19,100	20,400	20,400	20,700	20,400	20,300	20,200
Bulgaria	1,136	1,190	1,323	1,493	1,462	1,432	1,465	1,590	1,610
Czechoslovakia	3,971	3,625	3,639	4,087	4,198	4,242	4,342	4,399	4,548
East Germany	2,826	1,749	1,819	1,945	2,007	2,051	2,037	2,058	2,050
Hungary	384	504	555	702	771	759	770	683	756
Poland	5,882	6,051	6,471	6,943	7,118	7,541	7,515	7,538	7,000
Romania	3,928	5,004	5,305	5,253	4,846	4,660	4,311	4,040	4,200
Other									
Yugoslavia	2,295	2,677	3,044	3,429	3,654	3,481	3,619	3,962	4,057

¹ Excluding railroad crossties (sleepers).

Table 150

Thousand Metric Tons

Newsprint Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	12,700	15,100	18,800	19,300	19,600	17,300	18,500	19,100	20,000
United States	1,818	1,978	3,035	3,138	3,080	3,153	3,104	3,192	3,281
Australia	90	95	173	199	201	196	206	207	210
Canada	6,068	7,003	7,996	8,351	8,711	6,966	8,062	8,169	8,816
Finland	781	1,213	1,305	1,386	1,219	992	991	979	1,126
New Zealand	91	199	214	218	209	219	275	276	269
Norway	226	308	554	527	509	435	466	435	464
Sweden	582	679	1,030	1,076	1,223	1,213	1,136	1,111	1,259
European Community	2,030	2,090	2,170	1,760	1,700	1,500	1,570	1,580	1,650
France	551	450	430	305	276	238	258	255	276
Italy	259	379	311	263	273	243	264	234	265
United Kingdom	753	780	757	439	383	319	326	326	360
West Germany	230	216	408	516	522	486	501	544	524
Other Countries									
South Africa	0	54	160	217	200	210	212	254	237
South Korea	27	45	102	120	152	155	155	198	229
Communist Countries									
USSR and Eastern Europe	678	1,050	1,420	1,610	1,660	1,660	1,730	1,730	N.A.
USSR	434	744	1,101	1,298	1,333	1,361	1,390	1,388	N.A.
Eastern Europe	244	303	319	315	324	300	343	343	N.A.
Czechoslovakia	34	78	81	77	80	77	79	80	N.A.
East Germany	89	94	97	102	105	96	104	81	100
Poland	77	79	88	83	86	83	83	84	85
Romania	44	52	53	53	53	44	77	98	100
Other									
Yugoslavia	28	46	75	76	79	85	90	96	96

Table 151

Thousand Cubic Meters

Plywood Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	12,400	19,800	26,200	32,900	27,700	25,400	29,100	29,800	N.A.
United States	7,910	12,811	14,078	18,054	15,172	14,579	16,727	17,080	N.A.
Canada	1,000	1,702	1,851	2,451	2,085	2,051	2,442	2,660	N.A.
Finland	414	545	706	730	568	415	491	464	N.A.
Japan	1,286	2,627	7,058	8,596	7,443	6,168	7,136	7,380	N.A.
Spain	75	131	225	272	285	266	290	253	N.A.
European Community	1,350	1,640	1,840	2,230	1,630	1,510	1,620	1,520	N.A.
France	390	477	643	818	707	551	580	568	N.A.
Italy	150	300	420	650	280	400	420	380	N.A.
West Germany	660	670	569	542	468	400	449	427	N.A.
Other Countries									
Brazil	98	220	342	659	655	660	695	750	N.A.
Malaysia	2 ¹	28	197	375	311	404	525	569	N.A.
Philippines	287	257	271	533	331	302	270	318	N.A.
Singapore	N.A.	32	215	350	350	334	380	380	N.A.
South Korea	29	215	847	1,481	1,217	1,436	1,671	2,289	N.A.
Communist Countries									
USSR and Eastern Europe	1,690	2,260	2,600	2,740	2,780	2,850	2,860	2,870	N.A.
USSR	1,354	1,756	2,045	2,142	2,160	2,196	2,174	2,178	N.A.
Eastern Europe	333	506	558	594	623	658	681	695	N.A.
Bulgaria	64	81	71	70	71	65	63	64	61
Czechoslovakia	46	55	57	83	96	113	122	121	N.A.
East Germany	60	67	73	85	86	78	85	90	95
Hungary	22	20	12	8	7	5	4	4	4
Poland	73	83	99	99	100	128	132	132	132
Romania	68	200	246	249	263	269	275	284	300
Other									
Yugoslavia	61	111	103	95	127	126	121	133	N.A.

¹ Including Singapore.

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Agriculture

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Table 152

Million Metric Tons

Total Grain Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	181.26	183.46	186.72	237.55	204.50	248.66	257.43	262.30	267.28
Australia	10.81	9.68	12.86	16.96	16.33	17.73	17.31	13.96	21.97
Canada	25.39	30.56	26.47	34.59	29.08	35.23	43.14	40.62	39.52
Japan	20.18	18.24	17.00	16.26	16.48	17.61	15.76	16.84	16.45
Spain	7.27	8.86	10.30	11.64	13.27	14.20	12.76	13.80	16.23
Turkey	12.12	12.63	15.66	15.40	16.80	21.91	24.19	20.83	20.50
European Community	68.7	81.1	87.0	105	107	96.4	90.8	103	114
France	23.02	29.05	31.29	42.34	40.68	35.12	32.31	39.03	43.64
Italy	11.98	14.52	16.15	15.98	16.86	17.15	16.99	14.44	17.10
United Kingdom	9.46	13.62	13.01	15.12	16.24	13.82	13.17	16.60	17.56
West Germany	15.06	13.47	16.07	19.95	21.37	20.09	18.27	20.65	23.00
Other Countries									
Argentina	12.57	16.54	19.66	23.57	23.32	22.79	23.94	23.07	23.21
Bangladesh	14.57	15.82	16.86	17.97	17.06	19.28	17.87	19.68	20.71
Brazil	14.61	19.66	22.78	23.62	26.35	26.22	31.23	23.86	30.37
India	78.97	73.06	101.80	108.09	99.77	117.35	113.05	128.21	129.97
Indonesia	15.35	15.42	22.15	25.18	25.97	25.21	25.68	25.82	28.53
Mexico	7.36	11.32	14.99	14.63	14.59	15.34	15.60	15.77	16.52
Pakistan	6.24	4.46	11.75	12.38	12.25	12.82	13.95	14.55	13.68
Thailand	8.38	12.26	15.47	17.37	16.16	18.36	17.89	17.25	18.73
Communist Countries									
USSR and Eastern Europe	173	174	242	295	271	212	301	272	318
USSR ²	125.56	121.06	186.80	222.53	195.71	140.12	223.75	195.70	237.20
Eastern Europe ³	47.9	53.2	54.8	72.7	75.2	72.4	77.1	76.0	81.1
Bulgaria	4.84	5.22	6.77	7.32	6.26	7.37	8.00	7.13	7.40
Czechoslovakia	5.74	5.23	7.20	9.66	10.37	9.28	9.16	10.31	10.90
East Germany ⁴	6.38	6.73	6.46	8.50	9.70	8.91	8.19	8.70	9.50
Hungary	6.90	7.41	7.54	11.60	12.37	12.10	11.23	12.16	13.31
Poland ⁴	14.30	16.01	16.25	21.86	22.98	19.56	20.86	19.42	21.50
Romania	9.77	12.55	10.57	13.76	13.50	15.13	19.64	18.32	18.50

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<i>286.3</i>									
Far East									
China ¹	156.00	194.00	243.00	266.00	275.00	284.00	285.00	282.75	304.75
North Korea	2.66	3.15	3.50	3.75	4.90	5.40	5.60	6.00	6.00
Vietnam ⁶	N.A.	N.A.	N.A.	N.A.	12.90	11.50	13.70	13.00	11.00
Other									
Cuba ⁷	0.41	0.08	0.30	0.25	0.32	0.36	N.A.	N.A.	N.A.
Yugoslavia ²	10.87	10.56	11.56	14.10	15.58	14.96	16.16	16.52	13.86

¹ Data are for the following products, where they are produced: barley, corn, oats, rice, rye, sorghum, and wheat.

² 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.

³ Excluding rice.

⁴ Including miscellaneous grains.

⁵ Including soybeans, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

⁶ Including corn, manioc, sweet potatoes, and soybeans on a rice-equivalent basis.

⁷ Data reflect only rice production and government collections of corn; total production is considerably higher.

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Table 153

Million Metric Tons

Wheat Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	36.87	35.80	36.78	46.56	48.50	57.76	58.31	55.41	48.96
Australia	7.45	7.07	7.89	11.99	11.36	11.98	11.71	9.30	14.54
Canada	14.11	17.67	9.02	16.16	13.30	17.08	23.59	19.86	21.14
Spain	3.52	4.72	4.13	3.97	4.54	4.30	4.44	4.02	4.84
Turkey	7.00	7.43	10.08	10.08	11.08	14.83	16.58	13.50	13.30
European Community	27.8	35.3	34.8	41.4	45.4	38.1	39.5	38.5	46.8
France	11.01	14.76	12.92	17.79	19.10	15.01	16.15	17.45	20.66
Italy	6.79	9.78	9.69	8.92	9.70	9.61	9.52	6.22	8.90
United Kingdom	3.04	4.17	4.24	5.00	6.13	4.49	4.74	5.25	6.60
West Germany	4.82	4.22	5.66	7.13	7.76	7.01	6.70	7.24	8.12
Other Countries									
Argentina	4.20	6.08	4.92	6.56	5.97	8.57	11.00	5.30	7.36
India	10.32	12.26	20.09	24.74	21.78	24.10	28.85	29.01	31.33
Iran	2.60	2.90	4.26	4.60	4.70	5.57	6.04	5.00	5.30
Pakistan	3.91	4.59	7.29	7.44	7.63	7.67	8.69	8.94	8.13
Communist Countries									
USSR and Eastern Europe	77.2	78.1	119	136	111	90.0	125	120	150
USSR ¹	64.30	59.69	99.73	109.78	83.91	66.22	96.88	92.20	120.80
Eastern Europe	12.9	18.4	19.0	26.6	27.5	23.8	28.3	28.2	29.4
Bulgaria	2.38	2.92	3.03	3.26	2.91	2.77	3.15	3.03	2.70
Czechoslovakia	1.50	1.99	3.17	4.65	5.06	4.20	4.81	5.21	5.60
East Germany	1.46	1.80	2.13	2.86	3.15	2.74	2.71	2.91	3.10
Hungary	1.77	2.45	2.72	4.50	4.97	4.01	5.14	5.31	5.67
Poland	2.30	3.34	4.61	5.81	6.41	5.21	5.74	5.31	6.00
Romania	3.45	5.94	3.36	5.47	4.99	4.84	6.71	6.43	6.29
Far East									
China	N.A.	25.00	N.A.	36.00	N.A.	39.00	50.00	N.A.	N.A.
Other									
Yugoslavia	3.57	3.46	3.79	4.75	6.28	4.40	5.98	5.60	5.36

¹ 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.

Table 154

Million Metric Tons

Coarse Grains Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	141.91	144.20	146.14	186.78	150.90	185.07	193.88	202.39	212.07
Canada	11.28	12.89	17.45	18.43	15.79	18.15	19.56	20.76	18.38
Spain	3.39	3.80	5.79	7.28	8.37	9.52	7.92	9.40	10.98
Turkey	4.95	5.05	5.34	5.07	5.47	6.84	7.36	7.08	6.95
European Community	40.2	45.2	51.3	62.3	60.8	57.2	50.3	63.5	66.1
Denmark ²	3.94	5.17	5.58	6.02	6.61	5.69	5.28	6.69	7.07
France	11.90	14.20	18.28	24.48	21.52	20.07	16.13	21.56	22.94
Italy	4.57	4.23	5.64	6.02	6.11	6.53	6.57	7.50	7.22
United Kingdom	6.42	9.44	8.77	10.12	10.11	9.33	8.43	11.35	10.96
West Germany	10.25	9.25	11.41	12.82	13.61	13.07	11.56	13.42	14.88
Other Countries									
Argentina	8.22	10.30	14.34	16.75	17.03	13.87	12.63	17.49	15.52
Brazil	9.10	11.44	14.29	14.43	17.01	16.89	18.45	14.37	19.44
India	16.64	14.87	18.31	17.28	18.34	19.90	19.84	20.11	19.81
Mexico	5.84	8.96	11.91	12.09	11.33	11.83	11.77	12.97	13.44
South Africa	5.76	5.06	6.67	4.71	11.94	9.70	7.74	10.78	9.97
Communist Countries									
USSR and Eastern Europe	95.1	95.5	121	157	158	120	174	149	167
USSR ³ ⁴	61.08	60.79	85.78	110.98	109.88	71.88	124.87	101.28	114.30
Eastern Europe	34.1	34.7	35.6	46.1	47.6	48.5	48.8	48.0	52.5
Bulgaria	2.43	2.27	3.67	4.00	3.35	4.60	4.89	4.10	4.70
Czechoslovakia	3.34	3.24	4.02	5.15	5.31	5.08	4.34	5.09	5.48
East Germany ³	4.92	4.93	4.32	5.64	6.55	6.17	5.48	5.78	6.50
Hungary	5.08	4.94	4.78	7.03	7.34	8.02	6.09	6.85	7.64
Poland ³	12.00	12.67	11.64	15.99	16.57	14.35	15.12	14.11	15.50
Romania	6.33	6.61	7.21	8.29	8.51	10.30	12.93	12.11	12.68
Other									
Cuba ³	0.10	0.03	0.01	0.01	0.01	0.01	0.01	N.A.	N.A.
Yugoslavia	7.34	7.10	7.77	9.35	9.30	10.56	10.18	10.92	8.50

¹ Data are for the following products, where they are produced: barley, corn, oats, rye, and sorghum.

² Excluding corn.

³ Unless otherwise indicated, data include miscellaneous grains.

⁴ 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.

⁵ Corn only. Data reflect government collections only. Total production is considerably higher.

Table 155

Thousand Metric Tons

Rice Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	2,477	3,460	3,801	4,208	5,098	5,826	5,246	4,499	6,245
Japan	16,072	15,511	16,493	15,778	15,967	17,101	15,292	16,368	15,729
European Community	725	607	909	1,110	1,100	1,050	939	735	1,020
Italy	622	509	819	1,045	1,047	1,010	907	719	979
Other Countries									
Bangladesh	14,522	15,767	16,715	17,863	16,930	19,143	17,628	19,312	20,297
Brazil	5,392	5,802	7,553	7,167	6,483	7,538	9,560	7,491	8,400
Burma	6,850	8,258	8,162	8,602	8,583	9,208	9,320	8,601	10,000
India	52,011	45,929	63,338	66,077	59,650	73,352	64,363	79,093	78,829
Indonesia	14,953	15,063	19,331	21,490	22,732	22,330	23,103	22,794	26,029
South Korea	4,151	4,770	5,476	5,854	6,178	6,485	7,249	8,342	7,639
Thailand	9,508	11,164	13,270	14,898	13,386	15,300	15,068	15,000	15,500
Communist Countries									
USSR and Eastern Europe	313	683	1,460	1,950	2,080	2,210	2,110	2,370	2,260
USSR	187	583	1,279	1,765	1,913	2,009	2,001	2,220	2,100
Eastern Europe	126	100	176	181	167	205	110	150	156
Bulgaria	32	33	66	62	58	68	41	68	70
Hungary	45	21	45	69	56	69	32	35	27
Romania	49	46	65	50	53	68	37	47	59
Far East									
China	N.A.	N.A.	N.A.	130,000	N.A.	N.A.	125,000	N.A.	N.A.
Vietnam ²	4,212	4,600	4,500	3,900	4,500	4,500	12,500	11,300	9,000
Other									
Cuba	306	50	291	236	309	338	N.A.	N.A.	N.A.
Yugoslavia	22	25	32	32	31	37	23	36	30

¹ 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.

² Prior to 1976, data for North Vietnam.

Table 156

Million Metric Tons

Potato Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	97.2	82.4	84.6	75.7	79.3	68.2	68.0	77.2	76.2
United States	11.68	13.14	14.78	13.61	15.54	14.51	16.21	16.08	16.35
Austria	3.81	2.54	2.70	2.12	2.00	1.58	1.75	1.35	1.40
Canada	2.06	2.11	2.30	2.06	2.51	2.12	2.34	2.49	2.44
Japan	3.59	4.06	3.62	3.42	2.94	3.26	3.74	3.52	3.30
Spain	4.62	4.00	5.30	5.58	5.69	5.34	5.63	5.56	5.31
European Community	61.3	47.5	46.5	40.6	42.0	33.2	29.3	38.8	37.9
France	15.89	11.07	8.90	7.54	7.50	6.86	4.36	7.90	7.47
Italy	3.82	3.55	3.67	2.95	2.90	2.90	2.94	3.15	2.79
Netherlands	3.97	3.24	5.65	5.77	6.10	5.00	4.78	5.75	6.23
United Kingdom	7.27	7.58	7.82	7.09	7.16	4.55	4.80	6.62	7.25
West Germany	24.54	18.09	16.25	13.68	14.55	10.85	9.81	11.37	10.51
Other Countries									
Argentina	2.07	2.49	2.34	1.54	2.17	1.35	1.53	1.77	1.59
India	2.75	3.60	3.91	4.45	4.86	6.22	7.31	8.15	9.00
Communist Countries									
USSR and Eastern Europe	149	152	169	181	153	151	152	145	153
USSR	84.37	88.68	96.78	108.20	81.02	88.70	85.10	83.65	85.90 86.1
Eastern Europe	64.3	63.4	72.4	72.6	72.3	62.0	67.2	61.3	66.9
Bulgaria	0.48	0.28	0.37	0.33	0.34	0.32	0.35	0.38	0.40
Czechoslovakia	5.09	3.68	4.79	5.09	4.52	3.57	4.21	3.76	3.84
East Germany	14.82	12.86	13.05	11.40	13.40	7.67	6.82	10.31	10.00
Hungary	3.00	1.76	1.81	1.16	1.36	1.27	1.09	1.33	1.58
Poland	37.90	42.66	50.30	51.93	48.52	46.43	49.95	41.32	46.60
Romania	3.01	2.19	2.06	2.64	4.12	2.72	4.79	4.21	4.46
Other									
Cuba ¹	0.02	0.08	0.08	0.06	0.09	0.12	0.15	N.A.	N.A.
Yugoslavia	3.27	2.38	2.96	2.97	3.13	2.39	2.83	3.03	2.40

¹ Data reflect government collections only; the total production is considerably higher.

Table 157

Thousand Metric Tons

Sugar Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	3,637	4,871	5,327	5,499	5,135	5,680	6,163	5,523	5,616
Australia ³	1,441	2,073	2,507	2,583	2,938	2,930	3,395	3,452	3,042
European Community	7,630	7,740	9,090	10,200	9,300	11,000	10,900	12,700	11,900
France	2,267	2,483	3,026	3,512	3,147	3,940	3,343	4,739	4,016
Italy	998	1,242	1,190	1,194	982	1,429	1,758	1,362	1,495
United Kingdom	860	967	925	908	837	724	657	1,033	1,000
West Germany	1,877	1,634	2,100	2,459	2,506	2,571	2,844	3,169	2,986
Other Countries ³									
Brazil	3,319	4,614	5,019	6,937	6,931	6,299	7,236	8,759	7,915
India	2,814	3,493	4,634	3,988	4,489	5,048	5,033	5,019	5,365
Mexico	1,530	2,120	2,402	2,810	2,838	2,636	2,710	2,790	2,814
Philippines	1,398	1,659	1,980	2,250	2,656	2,672	2,984	2,624	2,345
South Africa	952	1,014	1,649	1,953	1,970	1,968	2,113	2,369	2,274
Communist Countries									
USSR and Eastern Europe ⁴	11,100	16,200	15,300	16,400	14,700	16,100	14,600	18,200	18,400
USSR	6,916	11,997	11,110	11,646	10,267	11,285	10,053	13,083	13,268
Eastern Europe	4,210	4,240	4,160	4,760	4,420	4,800	4,580	5,150	5,100
Bulgaria	186	342	403	407	370	343	393	391	390
Czechoslovakia	958	874	951	859	896	913	684	939	986
East Germany	739	618	587	704	709	793	725	758	775
Hungary	414	465	304	326	290	335	395	476	532
Poland ⁵	1,484	1,505	1,509	1,782	1,595	1,857	1,773	1,813	1,815
Romania	425	437	410	683	561	561	610	775	603
Other									
Cuba ⁶	5,942	6,156	8,538	5,253	5,925	6,314	6,250	6,575	7,300
Yugoslavia	243	363	385	483	502	571	627	725	755

¹ 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.

² Including cane sugar; excluding data for Puerto Rico.

³ Cane sugar only.

⁴ Including raw cane sugar imported for refining.

⁵ Beet sugar only.

⁶ Raw cane sugar of 96° polarization. Data are for crop years ending 30 June of the stated year.

Table 158

Thousand Metric Tons

Fish Catch ¹

	1960	1965	1970	1973	1974	1975	1976	1977
OECD								
United States	2,815	2,696	2,892	2,856	2,929	2,898	3,176	3,102
Canada	934	1,262	1,389	1,157	1,037	1,021	1,132	1,280
Iceland	593	1,199	734	902	945	995	986	1,374
Japan	6,207	6,929	9,366	10,748	10,805	10,524	10,662	10,733
Norway	1,543	2,312	2,986	2,987	2,645	2,550	3,435	3,562
Spain	970	1,355	1,542	1,578	1,510	1,515	1,476	1,455
European Community	3,580	4,110	4,550	4,780	5,150	4,880	5,060	4,870
Denmark	581	841	1,226	1,465	1,835	1,767	1,912	1,807
France	734	768	782	814	808	806	806	760
United Kingdom	924	1,047	1,099	1,136	1,089	980	1,040	990
West Germany	674	633	613	478	526	442	454	432
Other Countries								
Chile	340	708	1,209	691	1,157	930	1,406	1,285
India	1,161	1,331	1,756	1,958	2,255	2,328	2,400	2,540
Indonesia	761	1,102	1,228	1,265	1,336	1,390	1,483	1,545
Peru	3,727	7,632	12,535	2,328	4,145	3,448	4,343	2,530
Philippines	466	686	1,031	1,304	1,371	1,443	1,394	1,511
Thailand	221	627	1,444	1,679	1,516	1,553	1,660	1,778
Communist Countries								
USSR and Eastern Europe	3,890	6,400	8,790	10,200	10,800	11,700	11,800	10,900
USSR ²	3,541	5,774	7,828	9,005	9,622	10,357	10,478	9,651
Eastern Europe	349	624	966	1,160	1,210	1,330	1,280	1,240
Bulgaria	8	17	84	96	109	151	160	138
Czechoslovakia	9	11	13	15	16	17	17	18
East Germany	114	229	319	334	326	325	279	210
Hungary	15	20	15	16	16	17	16	16
Poland	187	301	473	589	615	679	688	710
Romania	16	46	62	106	130	139	124	149
Other								
Cuba	31	40	106	150	165	143	194	185
Yugoslavia	31	42	46	51	54	57	59	61

¹ Unless otherwise indicated, data are in terms of live weight for all species of fish and seaweed, crustaceans, and mollusks but exclude aquatic mammals.

² Including aquatic mammals.

Table 159

Million Head

Cattle Numbers ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	96.24	109.00	112.37	121.54	127.79	132.03	127.98	122.81	116.26
Australia	16.50	18.82	22.16	29.10	30.84	32.79	33.43	31.54	29.50
Canada	10.39	12.13	11.63	12.73	13.21	14.01	13.65	13.15	12.28
New Zealand	5.99	6.80	8.78	9.09	9.42	9.65	9.78	9.47	9.25
Turkey ²	14.30	14.41	14.37	14.08	14.26	14.41	14.80	15.16	15.30
European Community	65.6	68.0	72.9	74.8	79.0	79.3	77.2	76.9	77.7
France	18.74	20.24	21.72	22.56	23.95	24.33	23.64	23.33	23.80
Italy ²	9.40	9.23	9.61	8.80	8.49	8.24	8.53	8.81	9.00
United Kingdom	11.48	11.69	12.30	13.76	14.84	14.84	13.92	13.67	13.55
West Germany	12.48	13.05	14.29	13.89	14.36	14.43	14.49	14.50	14.76
Other Countries									
Argentina	43.52	46.79	52.26	54.84	56.80	58.70	57.90	57.70	56.75
Brazil ²	72.89	84.25	78.45	86.14	92.00	91.00	94.00	97.00	99.50
Colombia	15.00	17.00	20.20	22.10	23.03	23.22	23.22	23.86	24.38
Ethiopia	22.45	25.42	26.23	24.02	26.93	25.88	25.96	26.12	N.A.
Mexico	17.41	21.08	24.88	26.83	27.51	28.40	28.80	28.90	28.80
South Africa	12.30	12.44	10.13	11.74	11.91	12.33	12.77	13.15	13.50
Communist Countries									
USSR and Eastern Europe	99.3	114	124	135	139	142	144	143	146
USSR	74.16	87.17	95.16	104.01	106.27	109.12	111.03	110.35	112.69
Eastern Europe	25.2	27.2	28.5	31.1	32.3	33.0	32.7	33.1	33.5
Bulgaria	1.28	1.47	1.26	1.44	1.45	1.55	1.66	1.72	1.74
Czechoslovakia	4.30	4.44	4.22	4.47	4.56	4.57	4.56	4.65	4.89
East Germany ³	4.46	4.68	5.17	5.38	5.48	5.58	5.53	5.47	5.55
Hungary	1.97	1.94	1.93	1.89	1.93	2.02	1.90	1.89	1.95
Poland ⁴	8.70	9.95	10.84	12.19	13.02	13.25	12.88	13.02	13.10
Romania	4.45	4.76	5.04	5.77	5.90	5.98	6.13	6.35	6.30
Other									
Yugoslavia	5.25	5.16	4.98	5.31	5.62	5.81	5.69	5.58	5.47

¹ Unless otherwise indicated, data are as of the beginning of the year.² Including buffalo.³ As of 30 June.

114.1 115.0

Table 160

Million Head

Hog Numbers ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	59.03	56.11	57.05	59.02	60.61	54.69	49.27	54.93	56.66
Canada	6.05	5.60	6.56	7.30	6.99	5.90	5.41	5.59	5.95
Japan	1.92	3.98	6.34	7.31	8.02	7.68	7.46	8.13	9.10
Spain	6.03	4.02	6.92	8.47	8.31	7.86	8.58	9.01	9.25
European Community	44.9	55.4	65.2	68.7	70.2	69.7	68.1	70.6	72.1
Denmark	6.20	8.20	8.35	8.70	8.24	8.05	7.58	7.90	8.23
France	8.36	9.04	10.46	11.39	11.42	12.03	11.45	11.64	11.30
Italy	4.15	5.41	9.22	7.99	8.20	8.81	8.89	9.10	9.20
Netherlands	2.82	3.69	5.47	6.41	6.91	7.14	7.06	7.31	8.20
United Kingdom	6.01	7.94	8.13	8.84	9.14	7.83	7.67	8.15	7.65
West Germany	14.87	18.15	19.32	20.03	20.45	20.23	19.80	20.59	21.46
Other Countries									
Brazil	46.82	58.70	35.60	41.20	43.20	35.20	36.00	36.80	37.60
Mexico	6.08	8.53	10.30	9.40	11.66	11.70	12.00	12.10	12.50
Philippines	6.57	6.94	6.46	8.63	6.71	6.60	6.49	6.52	6.60
Communist Countries									
USSR and Eastern Europe	91.9	97.2	97.4	121	128	132	115	123	133
USSR	53.37	52.84	56.06	66.59	70.03	72.27	57.90	63.06	70.51
Eastern Europe	38.5	44.4	41.4	54.5	58.0	59.8	56.7	59.7	62.0
Bulgaria	2.27	2.61	1.97	2.60	2.43	3.42	3.89	3.46	3.40
Czechoslovakia	5.69	6.14	5.04	6.09	6.27	6.72	6.68	6.82	7.60
East Germany ²	8.28	8.76	9.24	10.36	10.85	11.52	11.50	11.29	11.76
Hungary	5.36	7.04	5.70	6.86	8.01	8.29	6.95	7.85	7.85
Poland	12.62	13.78	13.45	19.78	21.50	21.31	18.85	20.05	21.70
Romania	4.30	6.03	5.97	8.78	8.99	8.57	8.81	10.19	9.73
Far East									
China	N.A.	168.00	226.00	N.A.	287.00	N.A.	N.A.	290.00	295.00
Other									
Cuba	N.A.	1.75	0.26 ³	0.38 ³	0.49 ³	0.60 ³	N.A.	N.A.	N.A.
Yugoslavia	6.21	6.99	5.54	6.34	7.40 ⁴	7.68	7.54	7.32	8.45

¹ Unless otherwise indicated, data are as of the beginning of the year.² As of 30 November of the previous year.³ State sector only.⁴ As of 15 January.

73.5 73.7

Table 161

Thousand Metric Tons

Meat Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978 ²
OECD									
United States	12,808	14,306	22,548	22,105	23,628	23,000	25,140	25,199	24,644
Australia	1,360	1,668	2,166	2,566	2,197	2,438	2,796	2,870	2,639
Canada	1,100	1,340	2,053	2,144	2,162	2,102	2,152	2,296	2,290
Japan	318 ³	589 ³	1,398	1,853	2,071	2,073	2,045	2,301	2,360
New Zealand	746	781	1,009	1,064	971	1,061	1,203	1,097	1,077
Spain	554 ³	599 ³	1,255	1,698	1,925	1,835	1,909	2,044	2,088
European Community	10,200	11,500	16,100	16,700	18,400	18,300	18,500	18,700	18,900
Denmark	760 ³	901 ³	1,040	1,080	1,099	1,061	1,056	1,091	1,113
France	2,646 ³	2,836 ³	3,814	3,952	4,349	4,470	4,498	4,313	4,386
Italy	1,011 ³	1,083 ³	2,054	2,217	2,693	2,651	2,798	2,950	3,046
Netherlands	674 ³	772 ³	1,396	1,530	1,714	1,617	1,668	1,717	1,705
United Kingdom	1,719	2,018	2,604	2,689	2,885	2,927	2,824	2,811	2,716
West Germany	2,694 ³	3,074 ³	3,749	3,678	3,952	4,020	4,146	4,223	4,389
Other Countries									
Argentina	2,277 ³	2,445 ³	3,188	2,752	2,804	3,103	3,431	3,491	3,545
Brazil	1,767 ³	2,039 ³	3,015	3,339	3,287	3,568	3,711	3,857	3,874
Mexico	586 ³	750 ³	1,024	1,101	1,314	1,240	1,243	1,375	1,369
Communist Countries									
USSR and Eastern Europe	12,100	14,000	16,800	18,900	20,400	21,000	19,500	20,700	N.A.
USSR ⁴	8,682	9,956	12,278	13,527	14,620	14,968	13,600	14,700	15,600
Eastern Europe ⁵	3,410	4,030	4,480	5,330	5,780	6,020	5,900	6,040	N.A.
Bulgaria	173	278	266	312	297	361	408	377	400
Czechoslovakia	488	602	640	729	766	793	774	804	N.A.
East Germany	760	880	994	1,135	1,213	1,312	1,288	1,322	N.A.
Hungary ⁶	431	476	518	599	647	721	653	716	739
Poland ⁷	1,148	1,334	1,478	1,773	2,017	2,011	1,901	1,926	1,987
Romania	414	457	588	786	844	824	877	895	N.A.
Other									
Yugoslavia ⁸	513	630	632	630	751	776	768	769	775

¹ 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.

² Non-Communist country data include meat from animals imported for slaughter.

³ Including horsemeat.

⁴ 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 1 above. Slaughter weight is roughly 3 percent less than carcass weight because it excludes kidney and leaf fat.

⁵ Excluding poultry.

⁶ Including horsemeat, edible offal, and live exports.

⁷ Including horsemeat and edible offal.

⁸ Including live exports.

Table 162

Thousand Metric Tons

Milk Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	53,702	56,324	53,268	52,386	52,414	52,312	54,554	55,773	55,200
Australia	6,355	6,969	7,712	7,167	6,957	6,670	6,421	5,925	5,835
Canada	8,385	8,328	8,272	7,667	7,626	7,744	7,685	7,743	7,700
Japan	1,887	3,221	4,760	4,908	4,868	4,961	5,262	5,737	6,120
New Zealand	5,318	6,232	5,907	5,988	5,674	5,909	6,359	6,442	6,926
European Community	83,500	88,400	91,100	96,700	97,900	98,800	100,000	102,000	105,000
Denmark	5,399	5,367	4,630	4,729	4,818	4,918	5,045	5,139	5,240
France ²	22,652	26,771	27,245	29,291	30,629	30,910	30,801	31,370	31,600
Italy ²	9,648	9,184	8,936	9,690	9,966	10,032	10,233	10,435	10,690
Netherlands	6,838	7,142	8,239	9,354	9,915	10,221	10,490	10,599	10,950
United Kingdom ³	12,670	11,386	12,374	14,402	13,692	13,520	13,500	14,300	15,000
West Germany	19,250	21,253	21,856	21,265	21,508	21,604	22,165	22,523	22,860
Other Countries									
Argentina	4,530	4,667	4,196	5,221	5,980	5,646	5,525	5,203	5,200
Brazil ⁴	5,045	6,194	7,722	7,211	8,497	10,003	10,508	11,000	11,660
India ⁵	N.A.	N.A.	22,040	23,100	23,700	24,000	24,300	24,200	24,500
Mexico ⁴	2,473	4,121	4,899	6,199	6,331	6,619	6,350	6,370	6,500
Spain ²	N.A.	3,993	4,894	5,332	5,429	5,504	5,726	5,878	6,055
Communist Countries									
USSR and Eastern Europe	88,800	101,000	116,000	124,000	129,000	127,000	127,000	133,000	N.A.
USSR ⁴	61,718	72,563	83,016	88,300	91,760	90,804	89,675	94,669	94,500
Eastern Europe	27,100	28,700	32,700	36,100	37,100	36,700	37,200	38,400	N.A.
Bulgaria	745	1,000	1,252	1,345	1,411	1,436	1,458	1,525	1,519
Czechoslovakia ⁶	3,830	3,924	4,795	5,431	5,504	5,463	5,401	5,530	N.A.
East Germany ⁷	5,730	6,371	7,091	7,738	8,076	8,095	8,092	8,100	N.A.
Hungary ⁶	1,958	1,762	1,863	1,957	2,020	1,822 ⁸	1,931 ⁸	2,142 ⁸	2,274 ⁸
Poland	12,501	13,345	14,950	16,245	16,668	16,377	16,521	16,908	17,012
Romania ⁹	2,358	2,304	2,755	3,390	3,387	3,458	3,827	4,230	N.A.
Other									
Cuba	N.A.	N.A.	214	379	421	454	504	N.A.	N.A.
Yugoslavia	2,283	2,303	2,567	3,106	3,487	3,654	3,846	4,073	4,224

¹ Whole milk from cows, unless otherwise indicated.² Including milk from sheep and goats.³ Total sales off-farm.⁴ Including milk from sheep, goats, camels, and mares.⁵ Including milk from buffaloes and goats.⁶ Including milk sucked by young animals.⁷ In terms of 3.5 percent butterfat content.⁸ Excluding milk sucked by young animals.⁹ Including milk from buffaloes.

73.3

Table 163

Thousand Metric Tons

Wool Production ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	146.20	109.30	85.02	71.37	63.99	58.54	52.95	50.00	49.99
Australia	737.20	754.23	923.40	735.21	700.89	793.48	754.27	702.70	677.10
New Zealand	266.50	315.16	333.80	308.80	284.80	294.10	311.80	302.50	303.28
Turkey	43.50	43.00	47.15	51.74	52.40	52.32	53.92	54.50	55.02
Spain	35.10	36.40	33.81	31.76	31.62	29.15	28.56	27.80	27.75
European Community	116	117	93.3	96.1	98.1	98.0	96.8	95.1	95.6
France	29.53	25.40	20.35	21.40	21.70	21.90	22.10	22.20	22.20
Ireland	11.20	11.90	9.72	9.97	10.00	9.30	9.30	8.00	8.00
Italy	13.38	15.80	11.70	11.10	11.40	11.60	11.90	12.10	12.10
United Kingdom	54.98	58.65	46.30	48.49	49.62	49.26	47.63	46.90	46.90
Other Countries									
Afghanistan	N.A.	N.A.	27.00	23.10	24.00	25.00	25.40	25.80	26.40
Argentina	221.10	220.60	170.00	160.00	155.00	160.00	164.00	167.00	161.78
Brazil	24.10	35.47	31.71	35.71	34.77	34.55	30.10	30.80	31.52
Chile	23.90	25.49	25.50	17.67	18.29	18.80	19.18	22.10	22.20
India	34.11	35.02	36.00	30.10	30.50	31.00	32.10	32.70	33.30
Iran	29.60	34.30	19.60	16.50	17.30	17.50	18.00	18.30	18.60
Morocco	15.00	14.00	15.50	23.00	19.00	20.00	21.00	21.00	21.50
Pakistan	14.70	17.00	19.50	23.59	24.87	27.08	29.50	32.13	34.96
South Africa ²	143.80	159.30	145.60	109.90	105.10	108.20	107.30	110.50	112.70
Uruguay	82.50	84.00	79.65	54.81	51.83	54.24	62.24	62.60	62.70

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Communist Countries									
USSR and Eastern Europe	427	436	507	525	555	563	535	562	N.A.
USSR	356.80	356.90	418.90	433.30	461.60	466.60	436.00	458.00	462.00
Eastern Europe	70.5	78.9	88.1	91.6	93.9	96.6	99.0	104	N.A.
Bulgaria	21.04	25.80	28.81	32.23	33.00	34.01	33.84	34.05	39.00
Czechoslovakia ³	2.50	2.03	3.99	3.68	3.61	3.49	3.50	3.50	N.A.
East Germany	7.90	8.10	6.90	8.40	9.10	9.70	10.60	11.00	11.00
Hungary	8.20	10.06	9.78	7.58	8.30	8.39	8.52	9.85	10.70
Poland	9.04	7.50	8.94	8.63	9.00	9.45	10.56	10.50	11.30
Romania	21.85	25.41	29.72	31.04	30.86	31.53	32.02	34.70	37.40
Other									
Yugoslavia	13.55	12.56	11.95	9.55	10.31	10.66	9.90	9.66	8.69

470,000

¹ Raw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheepskins."

² Including data for Lesotho and Namibia.

³ Purchases.

Table 164

Thousand Metric Tons

Ginned Cotton Production

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD	3,420	3,770	2,800	3,520	3,330	2,490	2,960	3,940	3,040
United States	3,107	3,260	2,219	2,825	2,513	1,808	2,303	3,133	2,328
Greece	63	75	110	107	126	130	119	142	133
Turkey	169	325	400	513	598	480	475	575	499
Other Countries									
Argentina	124	104	85	127	171	133	170	228	228
Brazil	425	542	594	534	529	396	553	460	477
Colombia	70	65	117	134	152	121	149	140	81
Egypt	478	521	509	490	438	382	396	399	407
Guatemala	21	90	57	120	105	102	138	141	152
India	1,008	997	954	1,199	1,290	1,160	1,030	1,208	1,236
Iran	99	152	154	199	237	139	156	178	152
Mexico	457	567	312	325	484	197	227	353	325
Nicaragua	33	111	78	143	121	109	119	123	119
Pakistan	304	417	542	658	634	514	418	553	449
Sudan	114	164	245	236	220	108	159	192	184
Syria	111	180	150	156	145	158	156	149	144
Communist Countries									
USSR and Eastern Europe	1,480	1,940	2,360	2,620	2,870	2,690	2,820	2,980	2,900
USSR	1,458	1,925	2,343	2,606	2,859	2,674	2,815	2,978	2,890
Eastern Europe ¹	20	14	15	17	13	14	5	5	5
Bulgaria	20	14	15	17	12	13	5	5	5
Romania	N.A.	N.A.	N.A.	N.A.	1	1	Negl.	Negl.	Negl.
Far East									
China	900	1,650	2,000	2,600	2,500	2,400	2,300	2,050	2,150
Other ¹									
Yugoslavia	2	2	4	3	2	2	2	1	Negl.

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

Table 165

Kilograms per Hectare of Arable Land¹

Mineral Fertilizer Consumption, Nutrient Content

	1960/61	1965/66	1970/71	1973/74	1974/75	1975/76	1976/77	1977/78
OECD²								
United States	38.9	63.0	80.9	86.5	76.7	90.0	106.5	99.6
Australia	21.2	29.2	22.2	32.3	19.7	15.9	23.5	24.6
Canada	8.6	16.3	18.5	27.3	28.4	29.8	31.8	31.5
Japan	N.A.	332.2	372.6	407.1	374.9	319.3	430.5	428.2
Spain	31.6	38.0	59.3	72.5	72.6	69.3	82.0	82.6
Turkey	1.5	5.7	15.7	25.5	22.1	29.8	46.3	53.3
European Community								
Belgium-Luxembourg	N.A.	N.A.	564.8	609.3	574.9	540.4	517.8	581.7
Denmark	151.1	182.3	223.4	271.3	215.8	239.4	243.6	258.7
France	102.4	150.9	243.5	311.6	245.9	246.7	269.1	273.5
Ireland	124.8	172.1	365.0	462.3	340.1	410.7	489.7	598.1
Italy	51.5	70.7	89.6	115.4	103.5	121.0	105.4	115.9
Netherlands	456.1	580.8	749.3	759.0	756.5	750.7	758.0	767.5
United Kingdom	183.3	206.5	259.9	258.3	257.0	262.9	273.8	285.9
West Germany	266.2	348.8	399.6	393.6	402.0	385.5	423.1	419.7
Other Countries								
Brazil	N.A.	8.2	28.3	45.0	47.6	52.3	63.0	76.7
India	2.3	4.7	13.2	17.2	15.7	16.5	20.2	24.4

Table 165 (continued)

Kilograms per Hectare of Arable Land ¹

Mineral Fertilizer Consumption, Nutrient Content

	1960	1965	1970	1973	1974	1975	1976	1977
Communist Countries								
USSR and Eastern Europe								
USSR ^{1,4}	11.2	26.5	44.3	58.0	62.6	74.3	76.4	77.6
Eastern Europe ²								
Bulgaria	33.8	79.1	141.1	140.6	126.4	156.5	152.0	171.7
Czechoslovakia ³	91.4	166.3	240.4	276.8	279.2	314.7	319.7	311.9
East Germany	197.4	262.2	310.7	361.3	376.3	361.5	352.9	326.7
Hungary	29.5	63.3	149.7	216.4	242.8	276.3	253.7	276.2
Poland	49.0	83.1	167.8	221.3	230.7	242.4	239.0	233.5
Romania	8.1	25.4	56.5	81.9	88.0	114.0	108.8	107.3
Far East								
China ⁵	4.6	13.7	27.5	41.5	39.4	44.7	40.3	58.9
North Korea	N.A.	81.5	165.0	216.6	284.6	N.A.	N.A.	N.A.
Other								
Albania	N.A.	15.3	78.8	91.4	99.8	100.6	109.1	117.9
Yugoslavia	27.9	54.8	77.0	87.3	84.3	89.6	92.2	100.2

¹ Land under temporary crops, gardens, fallow or idle land, and permanent crops such as orchards and vineyards, unless otherwise indicated.

² Data are "fertilizer years"—in general, the year beginning 1 July.

³ Including phosphate rock; excluding livestock phosphates. Data indicate the quantity supplied to agriculture.

⁴ Arable land is total area less pasture and hayland.

⁵ Sown area is used because of extensive multiple cropping.

Table 166

Thousand Metric Tons of N

Nitrogen Fertilizer Consumption, Nutrient Content

	1960/61	1965/66	1970/71	1973/74	1974/75	1975/76	1976/77	1977/78
OECD ¹								
United States	2,749	4,832	7,379	8,297	7,809	9,391	9,634	9,048
Canada	91	218	292	513	531	555	625	651
Japan	753	787	872	821	691	638	702	703
Spain	275	385	578	728	714	763	829	850
Turkey	25	72	243	430	283	368	591	666
European Community	2,450	3,580	4,940	5,570	5,410	5,840	6,150	6,350
France	565	871	1,453	1,833	1,555	1,708	1,813	1,835
Italy	323	462	594	672	672	748	767	815
United Kingdom	463	690	801	874	927	1,027	1,110	1,153
West Germany	618	874	1,131	1,101	1,201	1,228	1,323	1,325
Other Countries ¹								
India	296	541	1,487	1,829	1,766	1,907	2,355	2,788
Mexico	155	264	438	526	654	732	830	779
Pakistan	N.A.	69	252	342	363	440	484	500
	1960	1965	1970	1973	1974	1975	1976	1977
Communist Countries								
USSR and Eastern Europe	1,600	3,910	7,520	9,580	10,400	11,400	11,300	11,600
USSR ²	769	2,282	4,605	6,224	6,696	7,339	7,252	7,522
Eastern Europe ²	832	1,630	2,920	3,360	3,660	4,040	4,050	4,100
Bulgaria	101	219	379	328	380	380	348	363
Czechoslovakia	143	263	413	449	497	513	582	601
East Germany	235	414	511	666	671	678	755	771
Hungary	75	180	391	493	551	536	522	582
Poland ¹	251	387	785	979	1,074	1,143	1,228	1,213
Romania	27	165	438	442	490	788	612	571
Far East								
China	555	1,492	3,042	4,290	4,129	4,751	4,341	6,000
North Korea	N.A.	115	270	330	395	414	N.A.	N.A.
Other								
Albania	5	2	27	36	36	36	45	50
Yugoslavia	109	166	294	339	352	360	382	402

¹ Data are "fertilizer years"—in general, the year beginning 1 July.² Data indicate the quantity supplied to agriculture.

Table 167

Thousand Metric Tons of P₂O₅

Phosphate Fertilizer Consumption, Nutrient Content

	1960/61	1965/66	1970/71	1973/74	1974/75	1975/76	1976/77	1977/78
OECD ¹								
United States	2,488	3,522	4,358	4,617	4,092	4,738	5,064	4,676
Australia	572	954	743	1,171	620	490	739	792
Canada	169	334	326	494	502	503	513	465
Japan	491	548	656	793	692	603	738	710
New Zealand	225	342	321	446	301	363	404	446
Spain	279	306	432	519	513	459	490	500
Turkey	12	69	176	280	227	325	522	614
European Community	2,740	3,440	4,350	4,660	3,800	3,770	4,020	4,230
France	877	1,259	1,809	2,168	1,711	1,664	1,796	1,830
Italy	379	453	518	472	368	470	432	520
United Kingdom	426	422	543	478	368	391	408	426
West Germany	652	819	913	917	877	780	887	870
Other Countries ¹								
Brazil	77	87	377	716	806	922	1,285	1,411
India	56	134	462	650	471	372	644	766

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	1960	1965	1970	1973	1974	1975	1976	1977
Communist Countries								
USSR and Eastern Europe	1,800	3,380	5,150	6,160	6,790	7,500	7,810	8,100
USSR ²	1,088	2,091	3,133	3,632	4,160	4,728	4,903	5,104
Eastern Europe ¹	716	1,290	2,020	2,530	2,630	2,770	2,910	3,000
Bulgaria	50	132	235	259	216	250	253	331
Czechoslovakia ⁴	150	268	325	385	371	428	459	436
East Germany	218	313	410	431	453	441	425	427
Hungary	66	125	217	322	362	429	371	405
Poland	180	324	595	782	850	887	947	933
Romania	52	127	235	350	375	338	454	466
Far East								
China ²	155	623	1,103	1,902	1,640	1,879	1,766	2,572
North Korea	N.A.	43	50	90	160	161	N.A.	N.A.
Other								
Albania	2	5	18	21	24	25	25	25
Yugoslavia	71	151	182	193	167	197	188	205

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

² Data are for soluble phosphate fertilizers and for ground phosphate rock used for direct application.

³ Data indicate the quantity supplied to agriculture.

⁴ Including phosphate rock.

Table 168

Thousand Metric Tons of K₂O

Potassium Fertilizer Consumption, Nutrient Content

	1960/61	1965/66	1970/71	1973/74	1974/75	1975/76	1976/77	1977/78
OECD¹								
United States	1,967	2,922	3,839	4,601	4,039	4,717	5,284	5,013
Japan	600	613	610	685	722	518	645	661
Spain	95	92	206	274	266	258	308	290
European Community	2,850	3,330	3,990	4,470	3,730	3,650	4,000	4,100
France	750	970	1,389	1,826	1,390	1,328	1,495	1,523
Italy	104	168	225	267	231	261	289	301
United Kingdom	450	436	535	498	373	399	411	435
West Germany	1,006	1,190	1,185	1,163	1,170	1,099	1,195	1,183
Other Countries¹								
Brazil	106	100	306	528	521	540	698	898
India	28	90	228	360	336	223	382	525
Communist Countries								
USSR and Eastern Europe	1,830	3,310	5,000	6,620	6,930	8,660	8,960	8,570
USSR ²	766	1,891	2,574	3,605	3,708	5,176	5,577	5,400
Eastern Europe ¹	1,060	1,420	2,420	3,010	3,220	3,480	3,380	3,170
Bulgaria	6	10	25	46	22	50	56	48
Czechoslovakia	217	363	489	572	585	670	634	597
East Germany	497	586	614	658	716	707	624	472
Hungary	27	53	229	387	423	553	495	524
Poland	313	396	1,036	1,286	1,419	1,431	1,496	1,440
Romania	3	12	28	62	56	71	78	91
Far East								
China	0	5	121	243	337	305	191	309
Other								
Albania	1	1	2	1	4	5	4	5
Yugoslavia	103	138	156	174	161	163	168	195

¹ Data are "fertilizer years"—in general, the year beginning 1 July.² Data indicate the quantity supplied to agriculture.

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Transportation

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Table 169

Million Metric Tons

Railroad Freight ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	1,180.5	1,341.7	1,426.3	1,545.5	1,544.0	1,368.5	1,440.7	1,499.2	1,525.0
Canada ²	161.2	204.4	211.2	233.2	255.6	252.4	256.3	264.0	262.0
European Community									
France	227.0	238.7	260.0	265.0	274.0	228.0	235.0	222.0	224.0
United Kingdom ³	253.1	232.2	202.0	199.0	178.0	176.0	178.0	172.0	173.0
West Germany ^{2 4}	429.2	423.1	392.6	385.7	404.2	328.7	342.3	324.0	325.0
Communist Countries									
USSR and Eastern Europe	2,820	3,520	4,140	4,720	4,930	5,080	5,140	5,230	N.A.
USSR	1,884.9	2,415.3	2,896.0	3,346.4	3,496.8	3,621.0	3,655.0	3,723.0	3,758.0
Eastern Europe	931	1,110	1,240	1,380	1,430	1,460	1,480	1,510	N.A.
Bulgaria	38.4	56.0	68.2	75.7	78.0	78.8	76.6	75.2	N.A.
Czechoslovakia	194.1	218.5	236.9	260.6	266.4	271.4	275.5	274.3	N.A.
East Germany	237.8	260.4	262.9	280.6	286.3	289.0	295.7	298.6	N.A.
Hungary ⁵	96.0	114.8	117.4	122.6	129.8	131.7	131.5	134.5	134.9
Poland	286.9	341.3	382.3	431.5	453.0	464.2	465.2	481.1	489.4
Romania	77.5	114.4	171.3	206.0	218.1	228.3	238.0	247.9	N.A.
Far East									
China	510.0	440.0	600.0	800.0	800.0	832.0	820.0	922.0	1,070.0
North Korea	38.5	52.0	68.0	77.0	92.0	106.4	115.0	124.4	133.0

¹ 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.

² Including secondary or private railroads operating as common carriers.

³ Including data for Northern Ireland.

⁴ Including service traffic.

⁵ Including performance of railroads owned jointly by Hungary and Austria within Hungary.

Table 170

Billion Metric Ton-Kilometers

Railroad Freight ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	868.5	1,052.7	1,141.0	1,269.9	1,271.2	1,122.7	1,184.1	1,231.0	1,270.0
Canada ²	95.5	127.1	158.0	183.2	195.2	191.9	193.5	200.9	205.5
Japan	53.4	57.3	63.4	58.3	52.4	47.4	46.3	41.3	45.9
European Community	168	175	201	199	204	170	179	173	173
France	56.9	64.6	70.4	73.9	77.0	64.0	68.5	66.2	66.7
Italy ³	15.9	15.3	18.0	17.6	18.1	14.9	16.4	16.1	16.2
United Kingdom ⁴	30.5	25.2	26.8	25.5	24.2	23.4	23.0	22.7	20.4
West Germany	52.3	57.1	71.3	67.1	69.1	55.1	59.2	55.8	56.6
Other Countries									
India ^{5, 6}	87.8	116.8	127.4	122.4	134.8	148.2	154.3	161.6	164.5
South Africa ^{5, 7}	30.8	42.7	57.2	60.0	65.6	65.1	69.3	80.2	81.5
Communist Countries									
USSR and Eastern Europe	1,690	2,180	2,770	3,280	3,440	3,580	3,650	3,700	N.A.
USSR	1,504.3	1,950.2	2,494.7	2,958.3	3,097.7	3,236.5	3,295.4	3,331.4	3,426.0
Eastern Europe	183	230	278	318	338	347	355	364	N.A.
Bulgaria	7.0	10.8	13.9	16.6	17.3	17.3	17.1	17.1	N.A.
Czechoslovakia	43.9	53.2	55.9	59.4	61.6	62.7	64.5	64.8	N.A.
East Germany	32.9	38.9	41.5	46.8	49.2	49.7	51.8	52.2	N.A.
Hungary	13.3	17.3	19.8	21.3	23.1	23.5	23.2	24.2	24.5
Poland	66.5	81.0	99.3	116.4	125.2	129.2	130.9	135.4	138.1
Romania	19.8	31.0	48.0	57.1	61.6	64.8	67.6	70.0	91.3
Far East									
China	228.0	213.0	291.0	388.0	388.0	404.0	398.0	447.0	519.0
North Korea	9.1	10.5	14.3	16.2	20.2	24.3	26.4	28.6	30.6

¹ 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.

² Including secondary or private railroads operating as common carriers.

³ Excluding livestock.

⁴ Excluding data for Northern Ireland.

⁵ Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

⁶ Including service traffic.

⁷ Including Namibia.

3.43

Table 171

Billion Metric Ton-Kilometers

Motor Vehicle Freight

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ¹	323.85	589.27	675.85	828.41	812.00	744.75	836.61	920.28	990.00
Japan	20.80	48.39	135.92	140.98	130.77	129.70	132.62	143.10	154.65
Communist Countries ²									
USSR and Eastern Europe	119	175	278	359	395	433	461	494	N.A.
USSR	98.52	143.08	220.83	283.77	312.50	338.00	355.10	380.00	N.A.
Eastern Europe	20.0	31.6	57.0	75.1	83.0	94.7	106	114	N.A.
Bulgaria	2.04	3.82	7.90	10.08	10.78	12.39	15.00	15.50	N.A.
Czechoslovakia	5.11	6.98	10.09	12.87	13.84	15.02	16.29	17.31	N.A.
East Germany	5.00	7.21	12.23	14.30	15.23	16.69	18.66	20.05	N.A.
Hungary	N.A.	2.73	5.82	7.35	8.15	8.73	9.44	10.44	N.A.
Poland	5.69	8.38	15.76	24.50	28.51	32.60	36.78	40.28	N.A.
Romania	0.94	2.53	5.16	6.00	6.45	9.29	9.86	10.00	N.A.
Far East									
China	7.70	7.00	10.50	13.50	14.10	15.60	16.20	18.10	20.80

¹ Total traffic for all urban streets and rural roads.² Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

Table 172

Million Metric Tons Carried

Motor Vehicle Freight ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
Communist Countries									
USSR and Eastern Europe	9,920	12,900	17,800	22,300	24,100	25,900	26,900	28,400	N.A.
USSR	8,493	10,746	14,623	18,243	19,645	20,955	21,595	22,754	N.A.
Eastern Europe	1,430	2,140	3,170	4,070	4,430	4,970	5,350	5,670	N.A.
Bulgaria	128	281	493	602	659	724	765	815	N.A.
Czechoslovakia	428	578	703	897	919	997	1,048	1,083	N.A.
East Germany	270	346	464	523	541	588	674	714	N.A.
Hungary	135	239	407	455	479	501	523	564	N.A.
Poland	408	569	863	1,295	1,509	1,743	1,902	2,039	N.A.
Romania	57	131	240	302	323	419	442	458	N.A.
Far East									
China	220	200	300	385	404	445	463	518	595

¹ Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

Table 173

Billion Metric Ton-Kilometers

Inland Water Freight

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ¹	123.00	162.55	229.21	252.98	269.60	265.16	289.42	296.44	308.09
European Community									
France	10.77	12.51	14.18	13.79	13.74	11.90	12.16	11.27	11.36
Netherlands	20.02	24.07	30.74	32.00	33.20	29.60	30.95	32.17	32.22
West Germany	40.39	43.31	48.81	48.48	50.97	47.56	45.80	49.25	48.45
Communist Countries									
USSR and Eastern Europe	107	143	186	201	225	234	235	244	N.A.
USSR	99.60	133.93	173.98	189.50	212.30	221.60	222.70	230.70	243.00
Eastern Europe	7.32	9.07	11.6	11.3	13.2	12.5	12.3	13.2	N.A.
Bulgaria	0.62	1.06	1.83	1.98	2.35	2.39	2.39	2.45	2.45
Czechoslovakia	1.96	2.17	2.43	2.47	2.81	2.58	2.57	2.71	N.A.
East Germany	1.90	1.86	2.11	1.69	2.05	2.02	1.64	1.91	N.A.
Hungary	1.08	1.34	1.60	1.49	1.62	1.47	1.50	1.71	N.A.
Poland	0.90	1.41	2.29	1.94	2.35	1.95	2.35	2.34	2.65
Romania	0.86	1.22	1.35	1.73	2.01	2.08	1.86	2.05	N.A.

¹ Internal, intraport, and local water traffic, excluding Great Lakes traffic. For 1977, coastwise and foreign trade traffic within US waters together amounted to 108 billion metric ton-kilometers. In the same year, traffic on the Great Lakes amounted to 77 billion metric ton-kilometers of domestic trade and 55 billion metric ton-kilometers of US foreign trade.

Table 174

Million Metric Tons Carried

Inland Water Freight

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ¹	358.56	428.63	502.22	541.10	543.60	528.17	551.30	555.33	577.15
European Community									
France	68.05	89.76	110.35	108.88	109.30	94.58	93.78	91.20	91.92
Netherlands	149.67	193.99	241.44	254.74	259.74	235.80	260.31	272.29	273.39
West Germany	171.36	195.69	240.00	245.83	252.11	227.30	230.03	232.53	228.72
Communist Countries									
USSR and Eastern Europe	235	298	395	459	497	524	536	576	N.A.
USSR	210.32	269.44	357.80	419.00	452.00	475.50	485.00	520.00	546.00
Eastern Europe	24.9	28.4	36.8	39.8	45.2	48.7	50.6	55.6	N.A.
Bulgaria	1.56	2.32	3.69	3.78	4.24	4.41	4.42	4.57	4.68
Czechoslovakia	3.53	4.06	4.46	4.81	4.92	5.65	5.87	6.42	7.90
East Germany	12.63	12.13	13.66	12.67	14.72	14.59	13.94	15.10	N.A.
Hungary	2.30	2.40	2.78	2.89	2.96	3.04	3.03	3.40	N.A.
Poland	2.95	4.68	8.84	10.25	12.47	14.89	16.62	19.14	22.42
Romania	1.91	2.86	3.40	5.43	5.88	6.10	6.74	6.97	N.A.

¹ Internal, intraport, and local water traffic, excluding Great Lakes traffic.

Table 175

Billion Metric Ton-Kilometers

Ocean Freight ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
Communist Countries									
USSR and Eastern Europe	189	503	922	1,070	1,140	1,150	1,220	1,230	N.A.
USSR ²	131.5	388.8	656.1	750.7	778.1	736.2	762.1	772.6	815.7
Eastern Europe	57.7	114	266	324	358	410	455	459	N.A.
Bulgaria ³	2.5	9.1	38.9	39.1	47.2	42.2	41.9	43.3	49.4
Czechoslovakia	7.5	8.3	10.5	12.1	14.6	12.0	12.4	13.9	N.A.
East Germany ³	10.5	30.2	69.7	78.5	76.6	79.7	82.7	70.4	N.A.
Hungary ⁴	1.3	1.7	2.7	5.1	4.7	4.0	4.2	6.0	6.6
Poland ^{3 5}	34.8	56.4	106.6	148.9	168.4	206.1	250.3	262.7	298.9
Romania	1.1	8.4	37.5	40.1	46.5	66.3	63.5	62.3	N.A.

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

² Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

³ Including coastal traffic.

⁴ Including Danube River traffic.

⁵ Possibly excluding the performance of some ships flying the Polish flag but under control of the Chinese-Polish Shipbrokers Corporation.

Table 176

Billion Passenger-Kilometers

Air Passengers

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ¹	62.5	110.5	212.0	260.6	262.2	262.0	288.1	311.0	360.0
Canada	4.3	7.6	15.4	21.7	24.6	24.9	26.0	27.0	30.2
Japan	1.1	4.6	15.0	26.0	27.8	30.0	32.3	38.6	43.8
European Community									
France	5.2	7.5	13.6	19.7	21.7	23.3	25.2	27.3	30.2
United Kingdom	7.3	10.7	19.0	28.3	27.8	30.3	34.0	35.1	44.8
Communist Countries									
USSR	12.1	38.1	78.2	98.8	108.0	116.0	130.0	139.0	146.0

¹ Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.

Table 177

Million Metric Ton-Kilometers

Air Freight ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	1,377	3,363	7,277	8,811	8,938	8,603	9,067	9,598	10,159
Canada	66	156	425	570	614	628	682	671	709
Japan	24	114	426	744 ³	799 ³	920 ³	1,103 ³	1,194 ⁴	1,322 ⁴
European Community									
France	152	232	542	836	942	1,086	1,380	1,669	1,777
Netherlands	117	212	393	585	635	615	663	752	815
United Kingdom	181	370	617	907	977 ⁵	933 ⁵	1,015 ⁵	1,131 ⁵	1,276 ⁵
West Germany	41	157	523	874	991	974	1,098	1,269	1,390
Communist Countries									
USSR	563	1,338	1,877	2,370	2,470	2,640	2,780	2,840	N.A.

¹ Express, freight, and mail traffic.² Revenue ton-kilometers flown on scheduled service of certificated route air carriers.³ Japan Air Lines data only.⁴ Japan Air Lines and Japan-Asia Airways.⁵ Excluding airlines based in the UK territories and dependencies.

Table 178

Units

Civil Aircraft Inventory ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
United States ²									
Jet	202	725	2,136	2,145	2,078	2,171	2,205	2,254	2,356
Turboprop	230	312	374	304	266	273	259	269	306
USSR ³									
Jet	191	227	430	784	977	1,079	1,194	1,369	1,510
Turboprop	174	555	1,238	1,363	1,434	1,477	1,512	1,567	1,635

¹ 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.

² Including all aircraft that perform commercial for-hire operations.

³ Data basically represent the inventory of Aeroflot—the Soviet civil airline.

Table 179

Billion Metric Ton-Kilometers

Petroleum Pipelines

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States	333.8	447.3	629.2	740.2	738.8	740.2	763.6	817.6	851.2
Communist Countries									
USSR and Eastern Europe	N.A.	155	300	465	560	693	829	959	N.A.
USSR	51.2	146.7	281.7	439.4	533.4	665.9	794.6	922.4	1,049
Eastern Europe	N.A.	7.9	18.1	25.7	26.3	26.7	34.3	36.9	N.A.
Czechoslovakia	N.A.	3.2	6.4	8.0	6.8	4.4	8.7	9.0	N.A.
East Germany	0	0.1	2.2	3.5	3.8	4.3	4.3	4.6	N.A.
Hungary	0	0.3	0.7	1.8	2.1	2.5	2.8	2.9	N.A.
Poland	N.A.	3.2	7.0	9.9	11.0	12.7	14.7	16.3	N.A.
Romania	1.0	1.1	1.8	2.5	2.6	2.8	3.8	4.1	N.A.

Table 180

Million Metric Tons Carried

Petroleum Pipelines

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ¹	414.7	554.9	784.6	882.7	862.5	862.9	864.2	925.3	963.3
Communist Countries									
USSR and Eastern Europe	N.A.	254	402	508	548	604	652	685	N.A.
USSR	129.9	225.7	339.9	421.4	457.2	498.3	531.7	558.9	589.0
Eastern Europe	N.A.	28.0	61.8	86.3	90.6	106	120	126	N.A.
Czechoslovakia	0	7.0	13.4	15.7	14.7	14.9	17.2	17.7	N.A.
East Germany	0	3.8	15.4	24.5	26.8	32.1	35.3	38.1	N.A.
Hungary	1.0	3.7	6.3	9.4	10.2	13.8	15.1	13.3	N.A.
Poland	0	6.1	15.4	23.6	25.7	30.5	35.4	38.7	N.A.
Romania	5.6	7.4	11.3	13.1	13.2	14.5	17.3	18.3	N.A.

¹ Data are for tons originated, thus giving a more realistic comparison with the Communist countries.

Table 181

Thousand Units

Mainline Locomotive Inventory ¹

	1960	1965	1970	1973	1974	1975	1976	1977
OECD								
United States ²	31.18	30.06	29.12	29.93	30.22	30.20	29.64	29.70
Austria	1.48	1.40	1.20	1.17	1.20	1.19	1.21	1.21
Spain	3.64	3.38	1.70	1.34	1.24	1.14	1.17	1.19
Sweden	1.88	1.66	1.58	1.46	1.44	1.42	1.41	1.40
Switzerland	1.10	1.26	1.33	1.40	1.42	1.42	1.42	1.43
European Community	43.0	32.4	24.6	23.8	23.9	23.6	23.1	23.0
France	7.96	7.36	6.07	5.86	5.90	5.98	5.96	6.00
Italy	5.28	4.47	3.58	3.59	3.67	3.63	3.44	3.49
United Kingdom	16.05	8.11	4.45	3.97	3.97	3.86	3.73	3.69
West Germany	10.44	9.59	8.05	7.90	7.87	7.65	7.51	7.42
Communist Countries								
USSR and Eastern Europe	55.8	49.5	48.9	49.3	54.1	N.A.	N.A.	N.A.
USSR	34.00	26.90	28.90	31.00	34.77	N.A.	N.A.	N.A.
Eastern Europe	21.8	22.6	20.0	18.3	19.4	22.4	23.9	24.6
Bulgaria	0.64	0.73	0.68	0.59	0.60	0.63	0.66	0.70
Czechoslovakia	5.23	5.20	4.60	4.00	4.00	5.00	5.76	5.90
East Germany	6.00	6.00	5.00	4.54	4.40	5.92	5.91	5.89
Hungary	2.46	2.60	2.00	1.40	1.50	1.92	2.15	2.17
Poland	5.80	6.33	6.25	6.78	6.97	7.04	7.16	7.34
Romania	1.72	1.78	1.50	1.00	1.90	1.88	2.26	2.62
Far East								
China	5.90	5.40	6.40	7.50	7.90	8.30	8.40	8.60
North Korea	0.35	0.40	0.49	0.57	0.61	0.67	0.74	N.A.

¹ 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.

² Data are for secondary or private railroads operating as common carriers and include gas turbine locomotives.

Table 182

Thousand Units

Railroad Freight Car Inventory ¹

	1960	1965	1970	1973	1974	1975	1976	1977
OECD								
United States ^{2 3}	1,945.7	1,806.2	1,803.7	1,743.9	1,752.4	1,755.5	1,730.5	1,697.4
European Community								
France	362.6	362.3	302.4	298.3	293.9	283.9	273.9	265.3
United Kingdom ^{3 4}	956.0	605.6	384.2	267.0	260.0	239.8	205.4	185.5
West Germany	309.6	329.5	325.2	332.8	336.5	338.9	337.9	338.3
Communist Countries								
USSR and Eastern Europe								
USSR	949.0	1,030.0	1,140.0	1,260.0	1,338.4	1,402.6	1,466.8	1,541.0
Eastern Europe								
Bulgaria	22.0	33.0	37.8	41.3	43.0	43.0	45.0	46.5
Czechoslovakia	129.3	136.1	135.8	137.0	150.0	127.0	138.0	141.6
East Germany	154.3	152.0	150.0	153.0	159.0	141.8	142.7	140.0
Hungary	62.0	73.4	71.4	71.0	70.5	88.9	102.3	120.0
Poland	249.0	263.9	274.3	288.7	294.0	305.0	306.0	307.0
Romania	55.5	68.6	86.0	95.0	98.0	95.0	109.3	121.1
Far East								
China ⁵	132.0	143.0	175.0	209.0	222.0	237.0	251.0	267.0
North Korea ⁵	10.4	15.2	23.8	34.3	39.4	45.3	51.6	N.A.

¹ 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.

² Units of four or more axles.

³ Including secondary or private railroads operating as common carriers.

⁴ Excluding privately owned tank cars and including data for Northern Ireland.

⁵ The majority are four-axle units.

Table 183

Thousand Units

Civilian Truck Inventory ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD									
United States ²	11,329	14,035	17,815	22,204	23,502	24,612	26,583	28,312	30,130
European Community									
France ³	1,598	2,134	2,678	1,920	2,030	2,078	2,201	2,336	N.A.
United Kingdom ⁴	1,442	1,710	1,664	1,726	1,768	1,677	1,762	1,700	N.A.
West Germany ⁵	688	975	1,141	1,283	1,288	1,281	1,292	1,326	N.A.
Communist Countries									
USSR and Eastern Europe	3,670	4,610	5,730	6,580	7,680	N.A.	N.A.	N.A.	N.A.
USSR	3,140	3,900	4,700	5,400	5,450	5,800	N.A.	N.A.	N.A.
Eastern Europe	529	708	1,030	1,180	1,232	N.A.	N.A.	N.A.	N.A.
Bulgaria	68	95	115	130	130	N.A.	N.A.	N.A.	N.A.
Czechoslovakia	117	140	198	226	241	262	275	290	N.A.
East Germany	132	166	229	270	282	301	313	333	N.A.
Hungary	29	43	74	87	96	109	112	122	N.A.
Poland	130	189	274	346	386	425	467	510	N.A.
Romania	53	82	139	146	148	150	N.A.	N.A.	N.A.
Far East									
China ⁶	154	230	434	677	793	914	1,033	1,155	1,300
North Korea ⁴	11	30	54	85	99	116	135	N.A.	N.A.

¹ 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.

² Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state.

³ Beginning in 1973, only trucks less than 10 years old are being counted.

⁴ Including data for Northern Ireland. Data are as of 1 October of the stated year.

⁵ As of 1 July of the stated year.

⁶ Including both military and civilian trucks.

Table 184

Fishing Fleet Inventory ¹

	1970		1975		1976		1977		1978	
	Number	Thousand GRT ²	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
OECD										
United States	201	74	1,743	398	1,976	424	1,928	435	1,974	428
Japan	2,386	978	3,149	1,217	3,076	1,191	3,014	1,159	2,757	926
Norway	635	182	621	211	639	218	652	222	678	221
Spain	1,364	433	1,744	550	1,847	594	1,801	584	1,808	586
European Community	2,140	760	2,460	899	2,420	850	2,380	801	2,250	749
France	660	195	620	200	610	208	564	196	543	178
Netherlands	284	57	392	93	390	89	380	86	377	87
United Kingdom	577	235	618	236	630	231	557	198	528	182
West Germany	182	147	147	145	152	142	148	138	152	134
Communist Countries										
USSR and Eastern Europe	3,430	4,440	4,720	6,560	4,910	6,900	5,100	7,170	4,960	6,990
USSR	3,055	3,997	4,219	5,937	4,380	6,222	4,537	6,440	4,399	6,406
Eastern Europe	373	445	498	626	532	682	563	728	561	580
Bulgaria	17	55	34	94	36	109	40	110	34	78
East Germany	172	136	164	147	162	146	161	147	161	112
Poland	176	231	270	282	303	320	328	353	331	286
Romania	8	23	30	103	31	107	34	118	35	104
Other										
Cuba	167	66	181	81	188	112	195	134	201	155
Yugoslavia	3	1	3	1	2	Negl.	5	3	5	3

¹ Data are as of midyear.² Gross register tons; excluding ships under 100 GRT.

Table 185

Merchant Fleet Inventory ¹

	1965		1970		1975		1976		1977		1978	
	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT
World Total	17,825	214,069	19,503	325,149	22,353	556,388	22,884	596,931	24,098	628,752	24,036	633,368
Non-Communist Countries	16,243	202,277	17,020	303,720	19,222	523,247	19,606	560,265	20,597	589,046	20,378	588,843
OECD	12,440	148,453	12,164	208,962	11,286	316,611	11,266	322,779	11,880	335,566	11,288	325,160
Non-European Community	7,489	90,974	7,486	128,015	7,145	196,171	7,234	204,206	7,747	214,292	7,449	207,851
United States ²	2,376	28,283	1,579	21,346	857	17,694	588	16,071	591	17,369	590	19,492
Greece ³	916	10,388	1,195	18,214	1,804	37,638	2,136	44,518	2,564	53,119	2,750	59,453
Japan	1,333	16,450	2,109	39,142	2,051	63,238	2,041	64,314	2,100	61,725	1,890	55,871
Norway	1,365	23,538	1,173	32,374	991	47,796	906	47,400	874	47,968	673	39,934
Sweden	443	5,643	366	6,898	324	12,723	324	12,509	319	11,563	266	8,831
Other	1,056	6,672	1,064	10,041	1,118	17,082	1,239	19,394	1,299	22,548	1,280	24,270
European Community	4,951	57,479	4,678	80,947	4,141	120,440	4,032	118,573	4,133	121,274	3,839	117,309
France	542	6,406	457	9,007	444	17,690	429	18,981	430	19,992	394	20,326
Italy	588	6,917	625	9,803	633	16,081	661	17,406	668	17,607	679	18,815
United Kingdom	2,052	26,385	1,772	37,065	1,576	54,913	1,526	53,034	1,546	53,877	1,407	49,922
West Germany	843	7,184	993	11,697	611	13,453	601	14,210	619	14,603	557	12,786
Other	926	10,587	831	13,375	877	18,303	815	14,942	870	15,195	802	15,460
Non-OECD Countries	3,803	53,824	4,856	94,758	7,936	206,636	8,340	237,486	8,717	253,480	9,090	263,683
Flag of Convenience	1,898	38,341	2,686	72,065	4,675	159,568	4,946	181,257	5,070	189,830	5,056	191,653
Cyprus	21	207	217	1,933	573	4,762	538	3,937	522	3,463	484	3,252
Liberia	1,313	30,906	1,840	60,992	2,546	132,694	2,522	148,811	2,473	155,030	2,369	154,745
Panama	564	7,228	629	9,140	1,556	22,112	1,886	28,509	2,075	31,337	2,203	33,656
Other Countries	1,905	15,483	2,170	22,693	3,261	47,068	3,394	56,229	3,647	63,650	4,034	72,030
Brazil	227	1,590	201	2,017	260	4,546	268	4,977	279	5,525	285	6,128
India	210	2,266	242	3,709	308	6,943	352	8,317	361	8,897	366	9,178
Malaysia/Singapore	8	19	99	643	429	8,118	562	10,845	637	12,334	714	12,584
Other	1,460	11,608	1,628	16,324	2,264	27,461	2,212	32,090	2,370	36,894	2,669	44,140
Communist Countries	1,582	11,792	2,483	21,429	3,131	33,141	3,278	36,666	3,501	39,706	3,658	44,522
USSR and Eastern Europe	1,171	9,462	1,939	16,845	2,290	23,337	2,365	25,582	2,438	27,048	2,502	29,232
USSR ⁴	985	7,961	1,395	11,921	1,622	15,044	1,673	16,354	1,703	17,173	1,737	18,391
Eastern Europe	186	1,501	544	4,924	668	8,293	692	9,228	735	9,875	765	10,841
Bulgaria ⁵	60	548	106	948	110	1,228	99	1,155	106	1,342	105	1,545
Czechoslovakia ⁶	9	105	12	138	14	221	14	222	14	222	17	230
East Germany	60	550	130	1,310	146	1,729	150	1,758	161	1,829	151	1,822
Hungary	17	23	16	28	16	67	18	76	20	92	23	111

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Poland ¹	10	105	230	2,000	289	3,866	302	4,554	307	4,606	305	4,690
Romania	30	170	50	500	93	1,182	109	1,463	127	1,784	164	2,443
Far East	192	1,083	280	1,944	537	6,325	598	7,332	724	8,542	819	10,839
China	190	1,075	269	1,944	495	6,082	556	7,082	660	8,200	760	10,400
Other ²	2	8	11	40	42	243	42	250	64	342	59	439
Other	219	1,247	264	2,600	304	3,479	315	3,752	339	4,116	337	4,451
Albania ³	8	44	11	72	11	72	11	73	11	73	10	74
Cuba	31	203	53	428	64	581	67	617	81	729	76	814
Yugoslavia	180	1,000	200	2,100	229	2,826	237	3,062	247	3,314	251	3,563

¹ 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.

² Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

³ Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

⁴ Excluding the Caspian Sea Fleet passenger ships and vessels subordinate to the Ministry of the Fishing Industry.

⁵ Before August 1968, a few additional Bulgarian-owned ships were operated under the flags of non-Communist countries.

⁶ Until March 1967, an undetermined number of Czechoslovak-flag ships were jointly owned with China.

⁷ Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1974, there were 14 of these ships.

⁸ Including North Korean, Vietnamese, and Cambodian vessels in 1975-77.

⁹ Data include a number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company. At the end of 1976 there were three of these ships.

Table 186

Tanker Fleet Inventory ¹

	1965		1970		1975		1976		1977		1978	
	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT
World Total	3,533	89,576	4,119	152,450	5,177	301,667	4,311	319,557	5,503	389,456	5,363	381,527
Non-Communist Countries	3,290	85,629	3,759	146,555	4,736	292,241	3,833	308,864	5,000	377,910	4,839	369,175
OECD	2,350	58,883	2,528	96,952	2,917	173,746	2,223	170,574	2,997	209,679	2,842	200,641
Non-European Community	1,403	35,335	1,544	56,404	1,814	103,736	1,479	105,265	1,945	131,082	1,843	124,270
United States ²	341	7,561	294	7,739	267	9,711	232	9,996	261	11,950	271	14,253
Greece ³	129	2,970	216	7,714	345	15,557	347	18,308	399	22,444	386	24,162
Japan	236	6,965	368	16,036	531	33,950	425	31,991	549	38,214	531	32,902
Norway	467	13,599	363	17,351	332	28,467	200	27,575	359	36,257	302	31,743
Sweden	73	2,098	80	2,887	79	6,524	49	6,592	90	8,392	71	6,368
Other	157	2,142	223	4,677	260	9,527	226	10,803	287	13,825	282	14,837
European Community	947	23,548	984	40,548	1,103	70,010	744	65,309	1,052	78,597	999	76,371
France	157	3,682	135	5,799	154	13,190	103	14,583	146	16,099	130	16,318
Italy	143	2,872	198	4,585	236	7,953	173	8,311	254	12,355	263	13,322
United Kingdom	441	11,562	434	20,863	459	32,869	310	28,892	430	35,793	408	33,541
West Germany	48	1,295	59	2,956	83	5,627	64	6,629	88	6,984	74	5,717
Other	158	4,137	158	6,345	171	10,371	94	6,894	134	7,366	124	7,473
Non-OECD Countries	940	26,746	1,231	49,603	1,819	118,495	1,610	138,290	2,003	168,231	1,997	168,534
Flag of Convenience	686	23,310	916	42,708	1,299	100,554	1,091	113,666	1,325	134,144	1,246	132,107
Cyprus	1	13	13	214	47	860	21	337	29	336	23	385
Liberia	534	19,018	730	36,802	1,014	89,470	863	102,117	1,040	119,984	969	118,228
Panama	151	4,279	173	5,692	238	10,224	207	11,212	256	13,824	254	13,494
OPEC	38	571	42	1,315	82	4,245	116	7,930	154	11,460	178	12,247
Iraq	0	0	0	0	10	380	13	845	20	1,995	21	2,145
Kuwait	3	161	6	787	7	1,150	8	1,485	13	2,360	18	2,500
Libya	0	0	0	0	5	410	6	535	15	1,545	14	1,500
Venezuela	14	284	16	372	15	440	15	440	14	435	19	585
Other	21	126	20	156	45	1,865	74	4,625	92	5,125	106	5,517
Other Non-OPEC	216	2,865	273	5,580	438	13,696	403	16,694	524	22,627	573	24,180
Brazil	46	604	45	810	53	944	51	1,935	69	3,439	69	3,891
India	8	217	13	510	25	1,510	29	1,824	46	3,276	46	3,494
Other	162	2,044	215	4,260	360	11,242	323	12,935	409	15,912	458	16,795
Communist Countries	243	3,947	360	5,895	441	9,426	478	10,693	503	11,546	524	12,352
USSR and Eastern Europe	212	3,562	301	5,108	331	6,975	343	8,001	363	8,754	368	9,278
USSR ⁴	184	3,125	265	4,389	280	4,796	298	5,603	309	6,173	315	6,591

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Eastern Europe	28	437	36	719	51	2,179	45	2,398	54	2,581	53	2,687
Bulgaria	11	160	18	267	20	472	17	500	19	567	19	567
East Germany	10	144	9	288	16	612	10	484	14	582	12	520
Poland	5	95	5	95	8	665	11	980	14	998	14	1,014
Romania	2	38	4	69	7	430	7	434	7	434	8	586
Far East	19	135	41	381	90	1,998	113	2,254	115	2,337	131	2,604
China	19	135	38	375	80	1,916	104	2,169	105	2,250	120	2,500
Other ¹	0	0	3	6	10	82	9	85	10	87	11	104
Other	12	250	18	406	20	453	22	438	25	455	25	470
Cuba	2	5	3	26	6	75	9	80	12	97	12	112
Yugoslavia	10	245	15	380	14	378	13	358	13	358	13	358

¹ 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).

² Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

³ Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

⁴ Excluding the Caspian Sea Fleet and tankers assigned to the Ministry of the Fishing Industry.

⁵ Including North Korean, Vietnamese, and Cambodian vessels in 1975-77.

Table 187

**Offloading Ports Accessible to Fully Loaded Tankers
of 200,000 Deadweight Tons and Larger, January 1979**

	Port	Largest Loaded Tanker Accommodated (Thousand DWT)	Port	Largest Loaded Tanker Accommodated (Thousand DWT)	
OECD			OECD (continued)		
Canada	Come by Chance	500	Japan (continued)	Owase	210
	Saint John, New Brunswick	350		Wakayama	200
	Point Tupper	350	Netherlands	Rotterdam	300
France	Antifer	700	Norway	Mongstad	300
	Marseille/Fos	400		Slagenstangen (Oslo)	260
	Dunkirk	300	Portugal	Sines	300
	Le Havre	300	Spain	Bilbao	500
	Sete	275		Malaga	300
	Bordeaux	200		Tarragona	300
Greece	Aghii Theodori	250		Algeciras	250
Ireland	Bantry Bay	500		Cartagena	250
Italy	Gela	500		Castellon	200
	Genoa	500		Las Palmas (Canary Islands)	200
	Milazzo (Sicily)	330		Teneriffe (Canary Islands)	200
	Ancona	300	Sweden	Brotjorden	350
	Falconara	300		Goteborg	350
	Ravenna	265	Turkey	Izmit	250
	Augusta (Sicily)	250	United Kingdom	Liverpool	500
	Porto Torres (Sardinia)	250		Finnart	330
	Savona	250		Milford Haven	300
	Taranto	210		Southampton	300
	Gaeta	200		Coryton	280
	Sarroch (Sardinia)	200		Humber River	210
Japan	Kagoshima	500	West Germany	Wilhelmshafen	250
	Okinawa	500	Other Countries		
	Niigata	280	Bahamas	Freeport	500
	Kashima	270	Brazil	Sao Sebastio	300
	Kawasaki	270	Chile	Quintero Bay	210
	Uhita	270	Israel	Eilat	350
	Yokaichi	270	Netherlands Antilles	Curacao	530
	Yokohama	270		Bonaire	500
	Nagoya	255		Aruba	500

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Chiba	250	Philippines	Batangas	300
Oita	250	Singapore	Singapore	250
Shimizu	250	South Africa	Durban	280
Shimotsu	250	South Korea	Ulsan	250
Ube	250	Taiwan	Kaohsiung	250
Mizushima	230	Trinidad	Point-a-Pierre	270
Himeji	210		Galeota Point	250

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Communications

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Table 188

Million Units

Telephones in Use ¹

	1960	1965	1970	1973	1974	1975	1976	1977	1978
OECD ²									
United States	70.82	88.79	115.22	131.61	138.29	143.97	149.01	155.17	162.08
Australia	2.12	2.67	3.60	4.40	4.66	5.00	5.27	5.50	5.84 ³
Canada	5.44	7.02	9.30	10.99	11.67	12.45	13.14	13.79	14.51
Japan ⁴	4.86	12.25	23.13	34.02	38.70	41.90	45.51	48.43	50.63
Spain	1.64	2.53	4.13	5.71	6.33	7.04	7.84	8.60	9.53
Sweden	2.64	3.39	4.31	4.83	4.98	5.18	5.42	5.67	5.93
European Community	24.8	34.6	50.1	64.5	70.2	75.3	79.7	85.5	91.6
France	4.08	5.70	8.11	10.34	11.34	12.40	13.83	15.55	17.52
Italy	3.52	5.53	8.53	11.35	12.61	13.69	14.50	15.24	16.12
Netherlands	1.50	2.18	3.12	4.00	4.32	4.68	5.05	5.41	5.85
United Kingdom ⁴	7.85	9.96	13.95	17.57	19.10	20.34	21.04	22.01	23.18
West Germany	5.52	8.17	12.46	16.52	17.80	18.77	19.60	21.16	22.93
Communist Countries ⁵									
USSR and Eastern Europe	8.28	12.0	18.6	23.2	25.4	27.7	29.6	31.4	N.A.
USSR ⁶	4.30	6.40	11.00	14.26	15.78	17.17	18.42	19.60	20.90
Eastern Europe	3.98	5.56	7.58	8.99	9.61	10.5	11.2	11.8	N.A.
Bulgaria	0.17	0.28	0.47	0.64	0.72	0.78	0.85	0.95	N.A.
Czechoslovakia ⁷	1.02	1.49	2.00	2.35	2.48	2.61	2.74	2.86	N.A.
East Germany	1.29	1.66	2.09	2.33	2.45	2.61	2.75	2.86	N.A.
Hungary	0.42	0.53	0.71	0.83	0.85	1.05	1.08	1.10	N.A.
Poland	0.88	1.29	1.87	2.24	2.40	2.58	2.75	2.93	N.A.
Romania ⁷	0.20	0.31	0.44	0.60	0.71	0.86	0.98	1.09	N.A.
Other									
Cuba	0.19	0.23	0.27	0.28	0.29	0.30	N.A.	N.A.	N.A.
Yugoslavia	0.26	0.42	0.74	1.00	1.14	1.30	1.43	1.56	N.A.

¹ Unless otherwise indicated, data are as of the end of the year and are for both private and public telephones in use that can be connected to a central exchange.

² Data are as of the beginning of the year.

³ Data are as of 30 June 1977.

⁴ Data are as of 31 March.

⁵ Telephones operated by the various civil departments of post and telecommunications and, unless otherwise indicated, excluding telephones serviced by other functional ministries and the military.

⁶ Data include telephones used by the functional ministries and exclude those used by the military.

⁷ Telephone subscribers.

Table 189

Million Units

Radio Receivers in Public Use ¹

	1960	1965	1970	1973	1974	1975	1976	1977
OECD								
United States	156.00	227.00	336.00	383.00	402.00	412.00	425.00	444.00
Canada	8.05	12.00	15.89	19.13	20.25	21.90	23.34	24.89
European Community								
France ²	10.98	15.34	16.00	16.30	17.00	18.20	18.67	19.16
Italy ²	8.00	10.72	11.70	12.45	12.64	12.90	13.15	13.42
West Germany	15.89	26.00	19.62	20.59	20.91	20.91	21.18	21.46
Other Countries								
India ²	2.15	5.40	11.75	14.03	14.85	14.08	14.60	15.14
Mexico	3.30	8.59	14.00	16.87	17.51	18.57	19.64	20.78
Communist Countries ³								
USSR and Eastern Europe								
USSR	27.80	38.23	48.60	54.80	57.10	59.80	61.50	63.30
Eastern Europe ²	16.8	19.2	20.2	20.5	22.9	23.1	23.4	24.1
Bulgaria	0.87	1.40	1.55	1.45	1.43	1.39	1.35	1.30
Czechoslovakia	3.10	3.10	3.17	3.11	3.24	3.24	3.26	3.72
East Germany	5.57	5.74	5.98	6.08	6.11	6.17	6.20	6.26
Hungary	2.22	2.48	2.53	2.53	2.54	2.54	2.56	2.58
Poland	3.80	4.54	4.70	5.06	7.24	7.46	7.67	7.90
Romania	1.28	1.92	2.24	2.29	2.30	2.33	2.36	2.35
Far East								
China	N.A.	10.00	17.80	35.90	47.15	60.65	N.A.	N.A.
Other								
Yugoslavia ²	1.56	2.78	3.37	3.68	4.08	4.18	4.53	N.A.

¹ Data are as of the end of the year.² Radio subscribers.³ Excluding wired loudspeakers.

Table 190

Million Units

Television Receivers in Public Use ¹

	1960	1965	1970	1973	1974	1975	1976	1977
OECD	91.2	145	201	233	244	255	266	N.A.
United States	55.60	70.60	93.20	117.10	121.00	125.30	131.50	138.20
Canada	3.93	5.31	7.10	7.70	8.23	9.39	9.94	N.A.
Japan	6.86	17.96	22.88	24.80	25.56	26.03	26.71	N.A.
European Community	21.8	42.5	60.6	67.5	68.9	71.8	74.4	N.A.
France ²	1.90	6.49	10.97	12.33	12.34	14.20	14.95	N.A.
Italy ²	2.12	6.04	9.72	11.43	11.82	12.41	13.03	N.A.
United Kingdom ²	11.08	13.52	16.32	17.29	17.64	17.90	18.24	N.A.
West Germany ²	4.64	11.38	16.75	18.49	18.92	18.92	19.40	N.A.
Communist Countries ²								
USSR and Eastern Europe	7.22	24.6	50.9	69.0	73.5	77.2	80.6	83.7
USSR	4.80	15.69	34.80	49.20	52.50	55.20	57.60	59.90
Eastern Europe	2.42	8.92	16.1	19.8	21.0	22.0	23.0	23.8
Bulgaria	0	0.18	1.03	1.38	1.46	1.51	1.55	1.58
Czechoslovakia	0.79	2.11	3.09	3.40	3.60	3.69	3.79	3.90
East Germany	1.04	3.22	4.50	4.97	5.10	5.22	5.35	5.45
Hungary	0.10	0.83	1.77	2.20	2.30	2.39	2.48	2.56
Poland	0.43	2.08	4.22	5.69	6.10	6.47	6.82	7.17
Romania	0.06	0.50	1.48	2.14	2.40	2.69	2.96	3.16
Other								
Yugoslavia	0.03	0.58	1.80	2.54	2.78	3.08	3.46	N.A.

¹ Data are as of the end of the year and include monochrome and color television receivers.

² Television subscribers.

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Conversion Factors

1 M = 32,150.

STAT

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

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