



Directorate of Intelligence

# HANDBOOK OF INTERNATIONAL ECONOMIC STATISTICS

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# Handbook of International Economic Statistics, 1998

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## **Preface**

The *Handbook of International Economic Statistics, 1998* continues to evolve, reflecting changes in global economic groupings. The 1998 edition is a smaller, more compact research aid. For example, some sections that reflected East-West comparisons have been eliminated, such as Commonwealth of Independent States (CIS) tables on minerals and metals, chemicals, and manufactured goods. Tables on debt and investment for developing countries are new this year.

We have enhanced the usefulness of the Handbook by displaying the tables on the Internet as Adobe Acrobat (\*.pdf) and Microsoft Excel (\*.xls) files.

## **Purpose and Scope**

The *Handbook* provides basic worldwide statistics for comparing the economic performance of major countries and regions. In general, the data in the *Handbook* are for 1970, 1980, and individual years in the period 1990-97. Data have been adjusted, where 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.

## **Presentation of Data**

In general, zeros appearing after the last non-zero number following the decimal point are not significant but are computer generated.

## **Abbreviations**

The abbreviation NA (not available) is used when data do not exist or when information about the existence of the data or the magnitude of the data is not available. The abbreviation NEGL (negligible) is used when the magnitude of the data is less than one-half of the final unit employed in the table.

## **Sources**

The data given for the most recent years are frequently preliminary and subject to revision. The data for countries presented are official data from the country cited, CIA estimates, or estimates made by other organizations.

## **Notes:**

### **Constant Versus Current Dollars**

Estimates of gross domestic product (GDP) are presented in 1997 US dollars. In contrast, foreign trade data and foreign direct investment flows are presented in current dollars, that is, in dollars of the year to which the data pertains.

## **GDP Methodology**

Estimates of gross domestic product (GDP) estimates are based on purchasing power parity (PPP) calculations rather than on conversions at currency exchange rates. PPP dollar estimates are calculated by applying standardized international dollar prices to a country's output of goods and services and are the best measure for international comparisons of GDP.

The GDP data presented in this publication represent the latest available estimates for individual countries, regional groupings, and world totals. GDP figures are frequently revised and vary according to the source and/or date of estimate. Consequently, some of the GDP data reported in this publication may differ somewhat from data presented in other Agency publications, including the 1998 edition of *The World Factbook*, because of different cutoff dates in researching and compiling the data.

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## Definitions

The following Definitions are used in the *Handbook* unless otherwise indicated in the text:

*Organization for Economic Cooperation and Development (OECD)* -- Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, South Korea, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

*European Union (EU)* -- Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden, and the United Kingdom.

*Big Six* -- Canada, France, Germany, Italy, Japan, and the United Kingdom.

*Big Seven* -- the United States and the Big Six.

*Organization of Petroleum Exporting Countries (OPEC)* -- Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

*Newly Industrialized Countries* -- Brazil, Hong Kong, Mexico, Singapore, South Korea, and Taiwan.

In addition, the Central Intelligence Agency produces annually *The World Factbook*, a basic reference of 266 nations and other entities which includes reference maps. Each national entry gives the latest available information under the headings of Geography, People, Government, Economy, Communications, and Defense

Forces. This Publication may be obtained wherever the *Handbook of International Economic Statistics* is available.

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**Table 1**  
**Real Gross Domestic Product <sup>a</sup>**

*Billion 1997 US \$*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
World	16,143	23,537	31,660	32,704	33,420	34,631	35,808	37,231	38,709
North America	4,426	6,234	8,214	8,363	8,540	8,846	8,970	9,223	9,595
Canada	300	470	626	620	633	659	674	683	707
Mexico	278	526	616	651	657	686	644	677	726
United States	3,848	5,238	6,972	7,092	7,250	7,501	7,652	7,864	8,163
Other Western Hemisphere	1,004	1,720	1,905	2,018	2,010	2,207	2,275	2,344	2,450
Argentina	208	266	243	288	305	327	312	326	353
Brazil	322	722	825	827	861	911	949	978	1,007
Chile	69	85	103	120	128	134	145	156	167
Colombia	84	144	193	205	215	227	240	245	253
Peru	61	88	77	78	83	93	100	102	110
Venezuela	96	144	158	184	185	180	184	181	190
Western Europe	4,303	5,781	7,293	7,558	7,522	7,734	7,920	8,062	8,270
Austria	96	137	169	178	177	182	186	189	193
Belgium	132	183	221	231	227	232	237	240	246
France	715	989	1,249	1,274	1,255	1,291	1,318	1,338	1,369
Germany	925	1,209	1,510	1,710	1,690	1,737	1,771	1,796	1,840
Italy	643	925	1,151	1,173	1,159	1,184	1,219	1,227	1,246
Netherlands	185	247	299	312	314	325	332	344	355
Norway	46	73	91	90	94	99	103	108	112
Spain	302	427	573	590	584	595	611	625	645
Sweden	117	142	173	169	165	170	176	179	182
United Kingdom	715	868	1,120	1,092	1,117	1,160	1,189	1,217	1,259
Switzerland	141	161	198	198	196	198	200	200	200
Eurasia	2,010	2,668	2,758	2,082	1,933	1,762	1,744	1,722	1,747
Czech Republic	NA	NA	NA	99	100	102	109	119	120
Hungary	58	75	75	69	68	70	71	72	75
Kazakhstan	NA	NA	120	92	81	60	55	56	57
Poland	143	202	193	188	199	210	225	238	255
Romania	75	119	111	92	96	99	106	110	103
Russia	NA	NA	1,149	934	852	745	715	672	675
Ukraine	NA	NA	271	198	169	137	132	119	115

**Table 1 (Continued)**  
**Real Gross Domestic Product <sup>a</sup>**

*Billion 1997 US \$*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
East Asia/Pacific	2,521	4,223	7,437	8,388	8,911	9,524	10,144	10,855	11,403
Australia	171	238	328	330	342	359	369	382	394
China	513	887	2,150	2,682	3,044	3,427	3,787	4,154	4,520
Hong Kong	25	63	119	131	139	147	154	161	170
Indonesia	161	347	593	674	717	770	833	900	936
Japan	1,196	1,859	2,780	2,931	2,925	2,946	2,984	3,106	3,134
Malaysia	33	75	126	148	160	174	191	207	222
Philippines	95	172	201	200	205	214	224	236	249
Singapore	11	28	55	62	68	75	82	87	93
South Korea	72	158	387	444	470	510	556	595	631
Taiwan	40	98	199	228	242	258	273	289	308
Thailand	78	150	317	371	402	436	473	505	503
Vietnam	53	59	76	85	91	99	108	118	128
South Asia	672	962	1,635	1,756	1,817	1,921	2,032	2,158	2,262
Bangladesh	69	106	146	157	164	172	180	189	200
India	474	651	1,139	1,206	1,247	1,325	1,408	1,500	1,575
Pakistan	83	132	241	274	279	290	304	322	332
Middle East/North Africa	755	1,302	1,659	1,766	1,817	1,842	1,905	2,012	2,092
Algeria	56	116	149	154	154	158	163	170	174
Egypt	83	146	217	230	236	245	257	270	284
Israel	30	51	70	80	83	88	94	99	100
Saudi Arabia	53	162	171	190	188	189	190	199	207
Iran	185	190	282	332	337	341	349	370	382
Turkey	121	200	316	338	365	345	369	397	425
Sub-Saharan Africa	453	647	763	777	782	799	823	859	894
Nigeria	57	113	106	114	117	119	122	126	130
South Africa	130	183	211	206	209	215	222	229	236

<sup>a</sup> Estimates are based on purchasing power parity conversion rates published in the World Bank's World Development Report (1996).  
 Estimates for countries not included in the World Development Report make use of the PENN World Tables and other published sources.

**Table 2**  
**Real Gross Domestic Product Growth <sup>a</sup>**

*Percent*

	Average Annual Rate of Growth								
	1971-80	1981-90	1991	1992	1993	1994	1995	1996	1997
World	3.8	3.0	1.1	2.2	2.2	3.6	3.4	4.0	4.0
North America	3.5	2.8	-0.7	2.5	2.1	3.6	1.4	2.8	4.0
Canada	4.6	2.9	-1.7	0.7	2.2	4.1	2.3	1.2	3.5
Mexico	6.6	1.6	3.6	2.1	0.8	4.5	-6.2	5.1	7.3
United States	3.1	2.9	-1.0	2.7	2.2	3.5	2.0	2.8	3.8
Other Westrn Hemisphere	5.5	1.0	3.3	2.6	-0.4	9.8	3.1	3.0	4.5
Argentina	2.5	-0.9	8.9	8.7	6.0	7.4	-4.6	4.3	8.4
Brazil	8.4	1.3	1.1	-0.9	4.2	5.8	4.2	3.0	3.0
Chile	2.2	1.9	6.1	10.3	6.6	4.3	8.5	7.2	7.1
Colombia	5.5	3.0	2.1	3.8	5.2	5.7	5.7	2.0	3.1
Peru	3.6	-1.2	2.7	-1.8	5.5	13.0	7.0	2.6	7.3
Venezuela	4.1	1.0	9.7	6.1	0.3	-2.8	2.2	-1.6	5.0
Western Europe	3.0	2.4	2.7	0.9	-0.5	2.8	2.4	1.8	2.6
Austria	3.6	2.1	2.9	1.8	-0.1	2.7	1.8	1.6	2.1
Belgium	3.3	1.9	2.3	1.9	-1.7	2.3	1.9	1.5	2.3
France	3.3	2.4	0.7	1.3	-1.5	2.8	2.1	1.5	2.3
Germany	2.7	2.2	11.0	2.0	-1.2	2.8	1.9	1.4	2.4
Italy	3.7	2.2	1.2	0.7	-1.2	2.2	2.9	0.7	1.5
Netherlands	2.9	1.9	2.3	2.0	0.8	3.4	2.3	3.5	3.3
Norway	4.8	2.3	-2.3	0.6	5.1	5.4	3.6	5.3	3.5
Spain	3.5	3.0	2.2	0.7	-1.1	2.0	2.7	2.2	3.3
Sweden	2.0	2.0	-1.1	-1.4	-2.2	3.3	3.6	1.3	2.1
United Kingdom	2.0	2.6	-2.0	-0.5	2.3	3.8	2.5	2.3	3.5
Switzerland	1.4	2.1	0.0	-0.3	-0.8	1.2	0.8	-0.2	0.4
Eurasia	NA	NA	NA	-13.5	-7.2	-8.8	-1.0	-1.3	1.5
Czech Republic	NA	NA	NA	-4.1	1.0	2.6	6.4	9.7	0.7
Hungary	2.7	-0.1	-6.8	-0.6	-1.7	2.9	1.5	1.3	4.4
Kazakhstan	NA	NA	-11.8	-13.0	-12.9	-25.0	-8.9	1.1	2.1
Poland	3.6	-0.5	-7.6	5.3	6.1	5.2	7.0	6.1	6.9
Romania	4.7	-0.7	-12.9	-4.9	4.3	3.5	7.1	4.1	-6.6
Russia	NA	NA	-5.0	-14.5	-8.7	-12.6	-4.0	-6.0	0.4
Ukraine	NA	NA	-12.0	-17.0	-14.2	-19.0	-4.0	-9.7	-3.2

**Table 2 (Continued)**  
**Real Gross Domestic Product Growth <sup>a</sup>**

Percent

	Average Annual Rate of Growth		1991	1992	1993	1994	1995	1996	1997
	1971-80	1981-90							
East Asia/Pacific	5.3	5.8	6.0	6.4	6.2	6.9	6.5	7.0	5.1
Australia	3.4	3.3	-1.5	2.0	3.8	5.0	2.7	3.4	3.3
China	5.6	9.3	9.2	14.2	13.5	12.6	10.5	9.7	8.8
Hong Kong	9.7	6.5	4.2	5.9	6.1	5.5	4.6	4.9	5.5
Indonesia	8.0	5.5	6.9	6.3	6.5	7.3	8.2	8.0	4.0
Japan	4.5	4.1	4.3	1.1	-0.2	0.7	1.3	4.1	0.9
Malaysia	8.5	5.4	8.7	7.8	8.3	8.7	9.5	8.6	7.4
Philippines	6.1	1.6	-0.6	0.3	2.1	4.4	4.8	5.7	5.1
Singapore	9.9	7.0	6.7	6.0	10.1	10.1	8.8	7.0	6.0
South Korea	8.2	9.3	9.1	5.1	5.9	8.6	8.9	7.1	6.0
Tawian	9.4	7.4	7.3	6.5	6.2	6.5	6.0	5.7	6.8
Thailand	6.8	7.7	8.4	7.9	8.2	8.5	8.6	6.7	-0.4
Vietnam	1.0	2.7	2.5	8.2	7.0	8.8	9.5	9.3	8.5
South Asia	3.7	5.4	2.1	5.2	3.5	5.7	5.8	6.2	4.8
Bangladesh	4.3	3.3	3.4	4.2	4.5	4.5	4.6	5.4	5.5
India	3.2	5.8	1.2	4.6	3.5	6.2	6.3	6.5	5.0
Pakistan	4.8	6.2	5.4	7.8	1.9	4.0	4.7	5.9	3.1
Middle East/North Africa	5.1	4.7	0.9	6.0	8.0	-5.5	7.2	7.4	7.2
Algeria	7.5	2.5	1.2	2.2	-0.2	2.5	3.5	4.0	2.5
Egypt	5.8	4.1	1.1	4.4	2.9	4.0	4.6	5.1	5.2
Israel	5.5	3.3	6.2	6.6	3.9	6.5	7.1	4.5	1.9
Saudi Arabia	11.8	0.5	8.4	2.8	-1.0	0.5	0.5	4.5	4.0
Iran	0.3	4.0	11.4	5.7	1.6	1.0	2.5	5.9	3.2
Turkey	5.1	4.7	0.9	6.0	8.0	-5.5	7.2	7.4	7.2
Sub-Saharan Africa	3.6	1.7	1.5	0.2	0.7	2.1	3.0	4.4	4.1
Nigeria	7.1	-0.7	4.7	3.6	2.3	1.3	2.7	3.2	3.3
South Africa	3.5	1.4	-0.4	-2.1	1.3	2.8	3.2	3.2	3.0

<sup>a</sup>Estimates are based on purchasing power parity conversion rates published in the World Bank's World Development Report (1996).

Estimates for countries not included in the World Development Report make use of the PENN World Tables and other published sources.

**Table 3**  
**Real Gross Domestic Product Per Capita Growth <sup>a</sup>**

*Percent*

	Average Annual Rate of Growth								
	1971-80	1981-90	1991	1992	1993	1994	1995	1996	1997
World	2.0	1.4	-0.8	0.7	0.8	2.2	2.1	2.6	2.6
North America	2.1	1.6	-2.0	1.2	0.8	2.3	0.2	1.6	2.9
Canada	3.3	1.7	-2.8	-0.7	0.8	2.9	1.1	0.0	2.3
Mexico	3.8	-0.5	1.6	0.1	-1.1	2.5	-7.9	3.2	5.4
United States	2.1	1.9	-2.0	1.6	1.1	2.4	1.1	1.8	2.9
Other Western Hemisphere	2.8	-1.1	1.2	0.6	-2.3	7.7	1.2	1.1	2.6
Argentina	0.8	-2.3	7.4	7.2	4.7	6.0	-5.9	2.9	7.0
Brazil	5.7	-0.7	-0.5	-2.4	2.6	4.2	2.7	1.6	1.6
Chile	0.5	0.2	4.4	8.5	5.0	2.8	7.1	5.9	5.8
Colombia	3.3	0.8	0.1	1.8	3.1	3.7	3.6	0.0	1.1
Peru	0.9	-3.6	0.4	-4.0	3.2	10.6	4.8	0.5	5.1
Venezuela	0.8	-1.7	7.1	3.6	-1.9	-4.8	0.2	-3.5	3.1
Western Europe	2.6	2.1	2.2	0.5	-0.9	2.5	2.1	1.6	2.4
Austria	3.5	1.9	1.7	0.5	-1.2	1.9	1.3	1.3	2.0
Belgium	3.1	1.8	2.0	1.5	-2.1	2.0	1.6	1.3	2.2
France	2.7	1.8	0.2	0.7	-1.9	2.4	1.7	1.1	1.9
Germany	2.6	2.0	-12.4	1.3	-1.8	2.3	1.6	1.2	2.4
Italy	3.2	2.2	1.2	0.6	-1.3	2.1	2.9	0.7	1.6
Netherlands	2.1	1.4	1.5	1.3	0.1	2.7	1.8	2.8	2.7
Norway	4.2	1.9	-2.7	0.0	4.5	4.8	3.1	4.7	3.0
Spain	2.5	2.6	2.1	0.5	-1.3	1.9	2.6	2.1	3.3
Sweden	1.6	1.7	-1.8	-2.0	-2.7	2.6	3.1	1.1	1.9
United Kingdom	1.8	2.6	-2.1	-0.8	2.0	3.5	2.1	2.0	3.2
Switzerland	1.2	1.4	-1.1	-1.4	-1.8	0.3	0.1	-0.7	0.0
Eurasia	NA	NA	NA	-13.8	-7.3	-8.8	-1.0	-1.1	1.6
Czech Republic	NA	NA	NA	-4.2	0.9	2.6	6.5	9.9	0.8
Hungary	2.3	0.3	-6.8	-0.5	-1.5	3.1	1.7	1.6	4.7
Kazakhstan	NA	NA	-12.6	-13.7	-13.1	-24.9	-8.7	1.3	2.3
Poland	2.6	-1.1	-7.9	5.0	5.8	5.0	6.9	6.0	6.9
Romania	3.8	-1.0	-12.7	-4.7	4.4	3.7	7.3	4.4	-6.3
Russia	NA	NA	-5.2	-14.6	-8.6	-12.5	-3.9	-5.8	0.7
Ukraine	NA	NA	-12.1	-17.1	-14.1	-18.6	-3.5	-9.1	-2.6

**Table 3 (Continued)**  
**Real Gross Domestic Product Per Capita Growth <sup>a</sup>**

Percent

	Average Annual Rate of Growth		1991	1992	1993	1994	1995	1996	1997
	1971-80	1981-90							
East Asia/Pacific	3.3	4.2	4.7	5.1	5.0	5.7	5.3	5.9	4.0
Australia	1.9	1.7	-2.8	0.7	2.5	3.9	1.6	2.4	2.3
China	3.7	7.7	7.8	12.9	12.3	11.4	9.4	8.7	7.8
Hong Kong	7.0	5.3	3.0	4.5	4.1	3.2	2.2	2.2	2.8
Indonesia	5.5	3.5	5.1	4.6	4.8	5.7	6.5	6.3	2.4
Japan	3.3	3.5	3.9	0.8	-0.5	0.5	1.1	3.9	0.7
Malaysia	6.0	2.9	6.3	5.4	5.9	6.3	7.1	6.2	5.1
Philippines	3.2	-0.8	-2.9	-1.9	-0.2	2.1	2.5	3.4	2.9
Singapore	8.2	4.5	4.7	4.1	8.1	8.1	6.9	5.1	4.2
South Korea	6.4	8.1	8.2	4.1	4.8	7.5	7.8	6.0	4.9
Tawian	7.2	6.0	6.2	5.5	5.2	5.5	5.0	4.7	5.8
Thailand	4.3	6.1	7.1	6.7	7.0	7.3	7.4	5.6	-1.4
Vietnam	-1.3	0.5	0.4	6.1	5.0	6.9	7.7	7.6	6.8
South Asia	1.3	3.2	0.1	3.3	1.6	3.7	3.9	4.3	2.9
Bangladesh	1.5	1.0	1.5	2.3	2.6	2.6	2.7	3.4	3.6
India	1.0	3.6	-0.8	2.7	1.6	4.3	4.4	4.6	3.2
Pakistan	2.1	3.1	2.7	6.0	0.2	1.6	2.4	3.6	0.8
Middle East/North Africa	2.7	2.4	-1.0	4.1	6.1	-7.2	5.4	5.6	5.4
Algeria	4.3	-0.4	-1.3	-0.2	-2.5	0.1	1.2	1.7	0.3
Egypt	3.4	1.2	-1.4	2.2	0.8	1.9	2.5	3.1	3.2
Israel	2.9	1.4	0.7	2.7	1.3	3.9	4.7	2.2	-0.2
Saudi Arabia	6.5	-4.0	6.8	-1.1	-4.7	-3.2	-3.2	0.8	0.5
Iran	-2.7	0.2	7.4	2.6	-0.3	-0.8	0.1	3.5	1.0
Turkey	2.7	2.4	-1.0	4.1	6.1	-7.2	5.4	5.6	5.4
Sub-Saharan Africa	0.8	-1.2	-1.3	-2.4	-1.9	-0.4	0.6	1.7	1.2
Nigeria	4.1	-3.4	1.5	0.4	-0.8	-1.7	-0.4	0.1	0.2
South Africa	0.9	-1.0	-2.4	-4.1	-0.6	1.0	1.5	1.5	1.4

<sup>a</sup>Estimates are based on purchasing power parity conversion rates published in the World Bank's World Development Report (1996).

Estimates for countries not included in the World Development Report make use of the PENN World Tables and other published sources.

**Table 4**  
**Defense Expenditures as a Share of Gross Domestic Product <sup>a</sup>**

*Percent*

	1980	1985	1989	1990	1991	1992	1993	1994	1995
OECD									
Australia	2.3	2.7	2.2	2.3	2.6	2.5	2.7	2.6	2.5
Canada	1.9	2.2	2.1	2.1	2.0	2.0	2.0	1.8	1.7
France	4.0	4.0	3.7	3.6	3.6	3.4	3.4	3.4	3.1
Germany <sup>b</sup>	3.3	3.2	2.8	2.8	2.5	2.3	2.2	2.0	1.9
Greece	5.5	7.0	5.8	5.8	5.4	5.7	5.5	5.6	5.5
Japan	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Korea, South	6.1	5.0	4.1	4.2	3.7	3.7	3.6	3.7	3.4
Turkey	4.8	4.6	3.1	3.5	3.7	3.8	3.9	4.0	4.0
United Kingdom	5.0	5.1	4.1	4.1	4.3	3.8	3.6	3.4	3.0
United States	6.3	7.5	6.6	6.5	6.5	6.0	5.5	5.1	4.8
Other									
Egypt	9.5	12.8	4.7	4.0	4.1	4.2	4.3	4.1	5.7
India	3.2	3.5	3.2	2.9	2.7	2.5	2.7	2.8	2.4
Israel	28.8	20.3	12.5	12.6	8.8	11.0	9.9	9.9	9.6
Jordan	23.3	15.5	12.1	11.0	10.8	8.9	8.4	7.6	7.7
Korea, North	20.0	20.0	20.0	NA	21.5	25.0	24.9	25.8	28.6
Kuwait	2.9	5.7	6.1	53.1	101.8	77.0	12.9	11.1	11.6
Libya	8.8	NA	12.8	NA	7.4	6.9	5.1	4.3	6.0
Pakistan	5.4	6.2	6.6	7.1	6.8	7.3	6.9	6.9	6.1
Saudi Arabia	14.3	22.7	15.9	20.6	28.5	27.2	16.7	14.2	13.5
Syria	17.2	21.8	14.3	14.6	NA	NA	NA	NA	7.2

<sup>a</sup>Except for the United States, data are from the United States Arms Control and Disarmament Agency, World Military Expenditures and Arms Transfers.

Data for the United States are from the Economic Report of the President. The shares are based on the ratio of military expenditures to GDP or 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 component 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.

<sup>b</sup>Western area only prior to 1991.

**Table 5**  
**Agricultural Prices**

US\$ per metric ton

	1970	1980	1990	1992	1993	1994	1995	1996	1997
Beef (Aust-NZ, US ports)	1,304	2,760	2,563	2,455	2,618	2,333	1,907	1,785	1,856
Cocoa beans (New York and London)	674	2,603	1,268	1,099	1,111	1,396	1,433	1,455	1,619
Coffee, Brazil (New York)	1,230	4,603	1,847	1,240	1,468	3,160	3,218	2,652	3,677
Corn, US (US gulf ports)	58	126	109	104	106	112	128	171	122
Cotton, US (10 markets)	553	1,792	1,583	1,206	1,231	1,625	2,093	1,741	1,561
Palm oil, Malaysia (N. W. Europe)	260	583	290	394	378	529	629	532	546
Rice, US (New Orleans)	190	496	390	401	389	467	420	500	476
Rubber, natural, all origins (New York)	465	1,620	1,106	1,029	1,044	1,079	1,249	1,209	1,180
Soybeans, US, ( c.i.f. Rotterdam)	117	296	247	236	255	253	259	304	295
Soybean meal, US (c.i.f. Rotterdam)	103	259	200	204	208	193	197	268	276
Soybean oil, all origins (Dutch ports)	286	598	448	429	480	616	625	552	565
Sugar, Carribean (New York spot price)	83	632	276	200	221	267	293	264	251
Tea (London, average price all teas)	1,092	2,228	2,032	1,997	1,856	1,833	1,642	1,772	2,372
Wheat, US No. 1 (f.o.b. US Gulf Ports)	55	173	136	151	140	150	177	207	160

**Table 6**  
**World Crude Oil Prices**

	1973	1975	1980	1990	1991	1992	1993	1994	1995	1996	1997
OPEC official average sales price <sup>a</sup>											
US \$ per barrel	3.39 <sup>b</sup>	11.02	30.87	21.76	18.58	18.33	16.08	15.44	16.84	19.83	18.85
1997 US \$ per barrel <sup>c</sup>	10.79	29.43	57.51	26.13	21.46	20.60	17.61	16.51	17.57	20.22	18.85
World average price											
US \$ per barrel	NA	NA	NA	22.12	18.72	18.24	16.13	15.27	16.62	19.75	18.53
1997 US \$ per barrel <sup>c</sup>	NA	NA	NA	26.56	21.62	20.50	17.66	16.33	17.34	20.14	18.53

<sup>a</sup>F.o.b. prices set by the OPEC governments for direct sales and, in most cases, for the producing company buy-back oil. Weighted by the volume of production.

<sup>b</sup>Posted prices.

<sup>c</sup>Nominal price deflated by the US GDP price deflator.

**Table 7**  
**Metal and Material Prices**

	1970	1980	1990	1992	1993	1994	1995	1996	1997
Aluminum <sup>a</sup> (US cents per pound)	28.72	71.64	74.37	56.89	51.71	66.93	81.88	68.35	72.54
Coal <sup>b</sup> (US \$ per metric ton)	10.96	45.31	42.72	41.42	39.40	37.35	40.08	43.24	41.41
Copper <sup>c</sup> (US cents per pound)	64.17	98.68	121.02	103.64	86.86	104.58	133.00	104.03	103.20
Gasoline <sup>d</sup> (US cents per gallon)	NA	91.93	71.13	57.46	50.86	47.90	50.92	59.65	58.53
Gold <sup>c</sup> (US \$ per fine ounce)	35.98	612.10	384.93	343.42	359.73	384.22	384.16	387.82	331.00
Iron Ore <sup>e</sup> (US \$ per metric ton)	15.22	28.09	30.80	31.60	28.11	25.47	27.00	28.60	28.71
Lead <sup>c</sup> (US cents per pound)	13.78	41.10	237.05	24.65	18.48	24.89	28.55	35.11	28.26
Manganese ore <sup>f</sup> (US \$ per long ton)	55.33	155.25	341.67	373.75	298.09	212.93	202.79	203.21	203.21
Newsprint <sup>g</sup> (US \$ per short ton)	150.50	388.64	495.63	455.17	464.39	482.88	670.90	661.22	555.93
Newsprint <sup>g</sup> (US \$ per short ton)	150.50	388.64	495.63	455.17	464.39	482.88	670.90	661.22	555.93
Platinum <sup>i</sup> (US \$ per troy ounce)	132.50	678.83	471.52	359.71	374.16	405.37	424.26	397.12	394.92
Plywood <sup>j</sup> (US cents per sheet)	103.06	273.84	354.87	380.77	661.42	599.50	584.44	529.52	484.96
Potash <sup>k</sup> (US \$ per metric ton)	31.50	115.71	98.13	112.08	107.42	105.72	117.76	116.93	116.53
Silver <sup>l</sup> (US \$ per troy ounce)	1.77	20.70	4.84	3.94	4.30	5.28	5.19	5.18	4.89
Superphosphate <sup>m</sup> (US \$ per metric ton)	42.50	180.33	131.82	120.74	111.95	132.11	149.63	175.83	171.92
Timber <sup>n</sup> (US \$ per cubic meter)	NA	NA	123.56	152.47	217.94	201.23	193.84	193.67	206.12
Tin <sup>a</sup> (US cents per pound)	166.70	761.30	276.03	276.88	234.40	247.66	281.11	279.36	255.85
Zinc <sup>c</sup> (US cents per pound)	13.36	34.47	66.46	56.33	43.73	45.28	46.77	46.49	59.64

<sup>a</sup>All origins (London).

<sup>b</sup>Australia.

<sup>c</sup>United Kingdom (London).

<sup>d</sup>US Gulf Coast.

<sup>e</sup>Brazil (North Sea Ports)

<sup>f</sup>India (US Ports).

<sup>g</sup>US (New York).

<sup>h</sup>LME cash price.

<sup>i</sup>Major producers, New York.

<sup>j</sup>Philippines (Tokyo).

<sup>k</sup>Canada (Vancouver).

<sup>l</sup>US price (New York).

<sup>m</sup>US (Gulf Ports).

<sup>n</sup>Softwood logs, US.

**Table 8**  
**Selected Other Countries: Economic Indicators**

*Percent change*

	1975	1980	1990	1992	1993	1994	1995	1996	1997
<b>Industrial production</b>									
Brazil	5.9	-11.3	-9.1	-2.6	6.9	7.3	1.5	1.5	3.9
India <sup>a</sup>	5.0	1.0	11.0	3.0	2.0	9.0	13.0	10.0	5.0
Mexico	5.0	10.0	5.0	3.0	0.0	5.0	-8.0	10.0	NA
South Korea	18.9	-1.8	9.0	6.0	4.0	11.0	12.0	7.0	7.0
Taiwan	9.0	7.0	0.0	4.0	4.0	7.0	4.0	2.0	7.0
<b>Consumer price inflation</b>									
Brazil	28.9	82.8	2,902.4	965.2	1,921.0	2,502.5	76.8	16.5	6.4
India <sup>a</sup>	6.6	11.4	8.9	11.9	6.4	10.2	10.2	9.0	7.2
Mexico	15.0	26.3	26.6	15.6	9.8	7.0	34.8	35.3	20.2
South Korea	25.2	28.6	8.6	6.2	4.8	6.3	4.4	4.9	4.4
Taiwan	5.0	19.0	4.0	4.0	3.0	4.0	4.0	3.0	1.0
<b>Wholesale price inflation</b>									
Brazil	27.8	82.3	189.7	282.0	381.8	2,867.0	6.1	7.8	7.6
India <sup>a</sup>	4.0	20.0	9.0	12.0	8.0	10.0	9.0	6.0	5.0
Mexico	21.0	33.0	60.0	15.0	18.0	4.0	7.0	41.0	30.0
South Korea <sup>b</sup>	26.0	38.0	4.0	2.0	2.0	3.0	5.0	3.0	4.0
Taiwan	-5.0	22.0	-1.0	-4.0	3.0	2.0	7.0	-1.0	0
<b>Money Supply</b>									
Brazil	33.6	70.0	2,350.8	960.0	2,000.0	2,098.0	31.2	23.4	10.0
India	7.0	12.0	14.3	7.2	18.7	27.4	11.1	14.1	11.0
Mexico	21.3	33.1	63.1	15.1	17.7	1.1	3.5	36.9	38.0
South Korea	25.0	16.0	21.2	13.0	18.0	12.0	20.0	2.0	-11.0
Taiwan	27.0	20.0	-10.0	8.0	13.0	8.0	-5.0	4.0	5.0

<sup>a</sup>Fiscal year.

<sup>b</sup>Producer price index

**Table 9**  
**Population<sup>a</sup>**

*Million Persons at Mid-Year*

	1980	1990	1991	1992	1993	1994	1995	1996	1997
World	4,808.0	5,653.8	5,762.1	5,846.5	5,928.7	6,008.5	6,087.4	6,166.2	6,245.8
North America	321.0	362.4	367.2	372.1	376.9	381.5	386.1	390.6	395.1
Canada	24.6	27.8	28.1	28.5	28.9	29.3	29.6	30.0	30.3
Mexico	68.7	84.7	86.4	88.1	89.9	91.6	93.3	95.1	96.8
United States	227.7	249.9	252.6	255.4	258.1	260.7	263.2	265.6	268.0
Other Western Hemisphere	291.5	356.2	362.6	369.0	375.4	381.7	388.0	394.3	400.5
Argentina	28.2	32.6	33.1	33.5	34.0	34.4	34.9	35.3	35.8
Brazil	122.9	151.0	153.5	155.9	158.3	160.7	163.1	165.4	167.7
Chile	11.1	13.1	13.3	13.6	13.8	14.0	14.2	14.3	14.5
Colombia	26.6	33.0	33.6	34.3	35.0	35.7	36.4	37.1	37.9
Peru	17.3	22.0	22.5	23.0	23.5	24.0	24.6	25.1	25.6
Venezuela	14.8	19.3	19.8	20.3	20.7	21.1	21.6	22.0	22.4
Western Europe	367.1	375.7	377.5	379.3	381.0	382.3	383.5	384.4	385.1
Austria	7.5	7.7	7.8	7.9	8.0	8.1	8.1	8.1	8.1
Belgium	9.8	10.0	10.0	10.0	10.1	10.1	10.1	10.2	10.2
France	53.9	56.7	57.1	57.4	57.7	57.9	58.1	58.4	58.6
Germany	61.5	63.2	80.1	80.7	81.3	81.6	81.9	82.0	82.1
Italy	56.5	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.8
Netherlands	14.1	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7
Norway	4.1	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4
Spain	37.5	38.8	38.8	38.9	39.0	39.0	39.1	39.1	39.1
Sweden	8.3	8.6	8.6	8.7	8.7	8.8	8.8	8.8	8.9
United Kingdom	56.3	56.4	56.5	56.7	56.9	57.1	57.3	57.4	57.6
Switzerland	6.4	6.8	6.9	7.0	7.1	7.1	7.2	7.2	7.2
Eurasia	393.3	421.8	431.1	432.7	433.2	433.1	432.9	432.4	431.9
Czech Republic	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Hungary	10.7	10.4	10.4	10.3	10.3	10.3	10.3	10.3	10.2
Kazakhstan	15.0	16.7	16.9	17.0	17.0	17.0	17.0	16.9	16.9
Poland	35.6	38.1	38.2	38.4	38.5	38.5	38.6	38.6	38.6
Romania	22.1	22.8	22.7	22.7	22.7	22.6	22.6	22.5	22.5
Russia	139.0	148.1	148.5	148.6	148.5	148.3	148.1	147.7	147.3
Ukraine	50.0	51.6	51.7	51.7	51.6	51.4	51.1	50.8	50.4

**Table 9 (Continued)**  
**Population<sup>a</sup>***Million Persons at Mid-Year*

	1980	1990	1991	1992	1993	1994	1995	1996	1997
East Asia/Pacific	1,528.9	1,777.3	1,801.0	1,823.3	1,844.9	1,866.2	1,887.0	1,907.1	1,926.9
Australia	14.6	17.0	17.3	17.5	17.7	17.9	18.1	18.3	18.4
China	984.7	1,138.9	1,153.5	1,166.7	1,179.1	1,191.5	1,203.4	1,215.0	1,226.3
Hong Kong	5.1	5.7	5.8	5.8	5.9	6.1	6.2	6.4	6.5
Indonesia	154.9	187.7	190.9	194.0	197.2	200.3	203.5	206.6	209.8
Japan	116.8	123.5	124.0	124.4	124.7	125.0	125.2	125.5	125.7
Malaysia	13.8	17.5	17.9	18.3	18.8	19.2	19.6	20.1	20.5
Philippines	51.1	65.0	66.6	68.1	69.7	71.3	72.9	74.5	76.1
Singapore	2.4	3.0	3.1	3.2	3.2	3.3	3.3	3.4	3.4
South Korea	38.1	42.9	43.2	43.7	44.1	44.6	45.0	45.5	45.9
Tawian	17.8	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7
Thailand	47.0	55.1	55.7	56.3	57.0	57.6	58.2	58.9	59.5
Vietnam	53.7	66.3	67.7	69.0	70.3	71.6	72.8	74.0	75.1
South Asia	927.4	1,152.2	1,175.1	1,196.7	1,218.8	1,242.2	1,265.7	1,289.3	1,313.0
Bangladesh	88.1	110.1	112.2	114.3	116.4	118.6	120.8	123.0	125.3
India	690.5	850.6	866.9	883.1	899.5	916.3	933.3	950.2	967.1
Pakistan	85.2	113.9	116.9	118.9	120.9	123.7	126.4	129.3	132.2
Middle East/North Africa	225.3	305.0	311.6	320.2	327.9	335.5	343.6	351.6	359.6
Algeria	18.9	25.4	26.0	26.6	27.3	27.9	28.5	29.2	29.8
Egypt	42.4	56.1	57.5	58.7	59.9	61.2	62.4	63.6	64.8
Israel	3.7	4.5	4.8	4.9	5.1	5.2	5.3	5.4	5.5
Saudi Arabia	9.9	15.9	16.1	16.7	17.4	18.0	18.7	19.4	20.1
Iran	39.3	56.9	59.1	60.9	62.0	63.1	64.6	66.1	67.5
Turkey	45.1	56.1	57.2	58.3	59.3	60.4	61.4	62.5	63.5
Sub-Saharan Africa	373.5	497.3	511.2	524.8	539.1	552.6	566.1	581.1	597.6
Nigeria	65.7	86.5	89.3	92.1	94.9	97.9	101.0	104.1	107.3
South Africa	29.3	37.2	38.0	38.7	39.5	40.2	40.9	41.6	42.2

<sup>a</sup>Source: U.S. Bureau of the Census, International Data Base.

**Table 10**  
**Selected OECD Countries: Foreign Direct Investment**<sup>a</sup>

*Billion US\$*

	1985	1990	1991	1992	1993	1994	1995	1996
<b>Outflows</b>								
United States	12.72	30.98	32.70	42.65	78.16	54.47	95.50	85.44
Australia	1.89	0.26	3.00	0.95	1.78	5.29	4.06	1.52
Canada <sup>b</sup>	3.86	4.73	5.65	3.69	5.81	7.41	5.75	7.56
Japan <sup>b</sup>	6.45	48.02	30.73	17.22	13.71	17.94	22.63	23.47
<b>European Union</b>								
Finland	0.35	2.71	-0.12	-0.75	1.41	4.30	1.68	3.55
France <sup>b</sup>	2.23	36.20	25.14	30.43	19.74	24.38	15.76	28.27
Germany <sup>c</sup>	5.14	23.95	23.68	19.53	15.35	17.13	38.57	27.88
Italy <sup>b</sup>	1.82	7.61	7.33	5.95	7.22	5.11	5.73	5.48
Netherlands	2.68	15.27	13.59	14.28	10.71	17.09	12.41	9.99
Spain <sup>b</sup>	0.25	2.85	4.43	2.17	2.65	3.90	3.59	4.63
Sweden	1.78	14.75	7.05	0.41	1.36	6.76	11.22	4.47
United Kingdom	10.82	18.64	15.97	19.16	25.57	28.25	42.68	43.72
<b>Inflows</b>								
United States	20.49	48.42	22.80	18.89	43.53	49.76	60.24	84.63
Australia	2.10	6.51	4.04	5.04	3.01	3.95	14.19	6.07
Canada <sup>b</sup>	1.30	7.85	2.75	4.46	4.98	7.26	10.74	6.70
Japan <sup>b</sup>	0.64	1.75	1.37	2.73	0.09	0.89	0.04	0.22
<b>European Union</b>								
Finland	0.11	0.79	-0.25	0.41	0.86	1.58	1.06	1.22
France <sup>b</sup>	2.21	15.70	15.17	17.86	16.45	15.58	23.68	20.40
Germany <sup>c</sup>	0.55	2.49	4.09	2.66	1.92	1.55	12.05	-3.24
Italy <sup>b</sup>	1.07	6.34	2.48	3.21	3.75	2.24	4.82	3.45
Netherlands	1.41	12.15	6.52	7.69	6.60	7.35	10.77	3.32
Spain <sup>b</sup>	1.95	13.68	12.44	13.35	8.07	9.43	6.26	6.41
Sweden	0.40	1.97	6.35	-0.05	3.84	6.35	14.38	5.46
United Kingdom	5.78	32.89	16.03	16.21	15.47	10.50	22.81	32.77

<sup>a</sup>Based on official national balance of payments statistics, converted to dollars at the daily average exchange rate.

<sup>b</sup>Reinvested earnings are not included in national statistics.

<sup>c</sup>Western area only prior to 1991; reinvested earnings are included starting in 1990.

**Table 11**  
**Foreign Direct Investment Inflows, by Recipient, 1989-96**

*Million US \$*

	1989	1990	1991	1992	1993	1994	1995	1996
Argentina	1,028	1,836	2,439	2,555	3,482	603	1,319	4,285
Brazil	1,267	989	1,103	2,061	1,292	3,072	4,859	9,500
Chile	1,289	590	523	699	809	1,773	1,695	3,140
China	3,393	3,487	4,366	11,156	27,515	33,787	35,849	42,300
Colombia	576	500	457	729	959	1,667	2,501	3,000
Czech Republic	NA	NA	NA	NA	654	878	2,568	1,200
Egypt	1,250	734	253	459	493	1,256	598	740
Hungary	NA	NA	1,462	1,479	2,350	1,144	4,519	1,982
India	252	162	155	233	574	1,314	1,929	2,587
Indonesia	682	1,093	1,482	1,777	2,004	2,109	4,348	7,960
Malaysia	1,668	2,333	3,998	5,183	5,006	4,342	4,132	5,300
Mexico	3,174	2,549	4,762	4,393	4,389	10,972	6,963	7,535
Morocco	167	227	317	422	491	551	290	400
Nigeria	1,882	588	712	897	1,345	1,959	1,830	1,720
Peru	59	41	-7	136	670	2,859	1,895	3,556
Philippines	563	530	544	228	1,238	1,591	1,478	1,408
Poland	11	89	291	678	1,715	1,875	3,659	5,196
Romania	NA	NA	40	77	94	341	419	624
Russia	NA	NA	NA	700	700	637	2,017	1,800
Singapore	2,887	5,575	4,887	2,204	4,686	5,480	6,912	9,440
South Korea	758	788	1,180	727	588	809	1,776	2,308
Taiwan	1,604	1,330	1,271	879	917	1,375	1,559	1,402
Thailand	1,775	2,444	2,014	2,114	1,730	1,322	2,003	2,426
Turkey	663	684	810	844	636	608	885	1,116
Venezuela	213	451	1,916	629	372	813	900	1,300

**Table 12**  
**Developing Countries: Foreign Debt**

*Billion US\$*

	1970	1980	1990	1991	1992	1993	1994	1995	1996
Brazil	6	72	120	121	129	144	151	160	179
Mexico	7	57	104	114	112	132	140	166	157
Indonesia	3	21	70	80	88	89	108	124	129
China	NA	5	55	60	72	86	100	118	129
Russia	NA	4	60	68	79	112	122	121	125
Argentina	6	27	62	65	68	71	77	84	94
Thailand	1	8	28	38	42	53	66	83	91
India	8	21	84	85	90	95	103	94	90
Turkey	3	19	49	51	57	69	66	74	80
Philippines	2	17	31	32	33	36	40	39	41
Poland	NA	9	49	53	48	45	43	42	41
Malaysia	1	7	15	17	20	26	29	34	40
Algeria	1	19	28	28	27	26	30	33	33
Egypt	2	19	33	33	31	31	32	33	31
Nigeria	1	9	33	34	29	31	33	34	31
Pakistan	3	10	21	23	25	25	27	30	30
Peru	3	9	20	21	20	24	27	31	29
Colombia	2	7	17	17	17	19	22	25	29
Chile	3	12	19	18	19	21	25	26	27
Hungary	NA	10	21	23	22	24	28	31	27
South Africa	NA	NA	NA	NA	1	7	19	22	24
Morocco	1	9	24	21	21	21	22	23	22
Syria	NA	4	17	19	19	20	21	21	21
Iran	NA	5	9	11	16	24	23	22	21
Czech Republic	NA	4	6	8	8	9	11	16	20
Cote d'Ivoire	374	7	17	18	19	19	17	19	20
Sudan	389	5	15	15	15	16	17	18	17
Bangladesh	NA	4	13	13	14	15	15	16	16

Source: U.S. Bureau of the Census, International Data Base.

**Table 13**  
**Developing Countries: Foreign Debt Per Capita**

*US\$ Per Capita*

	1970	1980	1990	1991	1992	1993	1994	1995	1996
Hungary	NA	91	943	206	213	235	2,196	274	263
Argentina	242	96	832	188	204	208	1,901	222	262
Czech Republic	NA	37	368	62	73	89	777	104	195
Malaysia	46	48	378	86	109	139	890	149	194
Chile	318	109	921	144	141	150	1,285	175	189
Mexico	132	84	677	121	127	146	1,245	150	162
Thailand	27	18	151	50	74	92	654	113	153
Syria	NA	40	282	130	140	142	1,297	136	133
Cote d'Ivoire	NA	90	627	139	145	144	1,327	123	131
Turkey	77	42	341	86	97	116	842	108	126
Peru	243	54	427	89	88	100	861	108	114
Algeria	67	103	764	107	102	95	1,011	105	111
Brazil	60	58	474	78	83	91	752	93	107
Poland	NA	25	233	129	126	117	1,386	110	106
Russia	0	3	30	40	53	75	458	82	85
Colombia	104	26	210	51	50	54	482	60	76
Morocco	62	47	374	94	83	79	791	79	76
Indonesia	28	14	112	37	45	45	397	53	62
South Africa	NA	NA	NA	NA	2	17	NA	46	56
Philippines	57	34	268	46	48	52	455	55	54
Sudan	NA	27	195	54	55	55	513	55	52
Egypt	54	45	341	57	53	51	533	52	48
Iran	NA	11	79	15	26	38	179	35	31
Nigeria	17	14	103	37	32	32	342	33	29
Pakistan	49	12	87	18	21	20	189	22	23
Bangladesh	NA	5	36	12	12	13	110	12	13
China	NA	0	4	5	6	7	51	8	11
India	15	3	24	10	10	11	93	11	9

Source: U.S. Bureau of the Census, International Data Base.

**Table 14**

Independent States of the Former Soviet Union: Economic, Energy, and Social Indicators

	GNP, 1989 <i>Percent of Former USSR</i>	National Income Produced, 1989 <i>Percent of Former USSR</i>	Cooperative Sales, 1990 <i>Percent of Former USSR</i>	Employment 1990 <i>Percent of Former USSR</i>	Capital Stock, 1988 <i>Percent of Former USSR</i>	Capital/Labor Ratio, 1988 <i>Thousand Rubles per Worker</i>	Indigenous Energy Production as a Share of Consumption, 1990 <i>Percent</i>	Consumption Per Capita 1989 <i>Percent of Russia</i>	Savings Per Capita 1989 <i>Percent of Russia</i>
Russia	60.9	61.3	63.5	53.4	61.6	19.3	141.0	100.0	100.0
Ukraine	16.2	16.2	11.8	18.2	15.5	14.2	63.0	86.3	99.3
Belarus	4.0	4.2	2.2	3.7	3.4	14.4	5.0	93.5	90.3
Moldova	1.2	1.3	2.3	1.5	1.1	11.5	1.0	83.9	90.5
Kazakhstan	4.5	4.2	4.0	5.5	5.8	18.5	119.0	81.1	83.7
Kyrgyzstan	0.8	0.8	0.5	1.4	0.8	10.4	47.0	66.0	84.7
Tajikistan	0.8	0.7	0.8	1.2	0.7	8.5	55.0	49.2	80.0
Turkmenistan	0.7	0.7	0.5	1.1	0.9	15.5	555.0	59.4	103.4
Uzbekistan	3.4	3.2	3.2	5.7	3.4	10.9	78.0	54.2	88.7
Armenia	0.9	1.0	2.0	1.1	0.8	11.8	5.0	76.2	164.3
Azerbaijan	1.7	1.7	0.5	2.0	1.5	13.4	109.0	55.9	79.8
Georgia	1.7	1.5	2.6	2.0	1.4	12.2	20.0	76.6	136.5
Estonia	0.7	0.7	1.5	0.6	0.7	19.8	51.0	126.5	125.4
Latvia	1.1	1.1	3.0	1.3	1.1	17.5	8.0	118.1	109.6
Lithuania	1.4	1.4	1.6	1.3	1.4	17.0	25.0	108.7	153.5

## OECD Country Trends

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**Table 15**  
**Selected OECD Countries: Comparative Tax Burdens <sup>a</sup>**

*Taxes as a percent of GDP*

	1970	1980	1985	1992	1993	1994	1995
United States	29.3	28.1	27.8	28.4	28.8	29.2	29.9
Direct	13.9	14.1	12.7	12.6	12.8	13.1	13.8
Indirect	9.5	7.8	8.1	8.4	8.5	8.5	8.5
Social Security	5.9	6.2	7.0	7.5	7.5	7.6	7.7
Canada	31.0	29.9	31.9	37.3	36.6	36.4	36.7
Direct	14.2	15.8	15.1	17.4	16.9	16.9	17.5
Indirect	13.9	11.5	12.4	14.3	14.2	13.9	13.7
Social Security	2.9	2.6	4.4	5.6	5.6	5.6	5.5
Japan <sup>b</sup>	19.6	25.5	28.0	29.3	28.3	27.5	28.4
Direct	8.2	10.8	12.0	12.6	11.1	10.1	10.0
Indirect	7.1	7.4	7.8	7.9	7.8	7.9	8.1
Social Security	4.3	7.3	8.2	9.2	9.4	9.5	10.4
Austria	36.1	41.8	42.9	43.0	43.9	42.6	42.3
Direct	10.9	12.9	14.1	14.4	14.7	13.3	14.0
Indirect	16.4	16.4	16.5	15.8	16.0	15.9	14.7
Social Security	8.8	12.5	12.3	12.7	13.2	13.4	13.6
Belgium	34.2	44.4	47.6	44.8	45.6	46.6	46.4
Direct	11.0	18.5	19.6	16.5	16.5	17.8	12.4
Indirect	12.9	12.4	12.2	12.1	12.4	12.8	18.2
Social Security	10.3	13.5	15.5	16.0	16.2	15.8	15.7
France	35.3	40.8	47.2	44.6	45.1	46.3	46.4
Direct	7.2	8.4	9.1	9.0	9.3	9.4	9.5
Indirect	15.2	14.6	15.0	13.6	14.0	14.1	14.3
Social Security	12.9	17.8	19.3	19.4	19.8	19.1	19.3
Germany	35.6	41.5	43.4	42.0	43.0	42.7	43.1
Direct	10.8	12.8	12.6	12.7	13.0	13.4	12.9
Indirect	13.2	13.1	12.6	11.9	11.5	11.1	11.3
Social Security	11.6	15.6	16.3	17.3	17.8	18.2	18.3
Italy	27.4	29.7	34.0	39.2	41.9	39.7	39.5
Direct	5.5	9.6	13.0	14.7	16.2	14.9	14.7
Indirect	11.2	8.6	9.0	11.2	12.0	11.7	11.8
Social Security	10.7	11.5	12.0	13.3	13.7	13.0	13.0
United Kingdom	36.7	35.5	37.6	33.4	31.8	30.1	31.7
Direct	15.5	14.0	15.3	13.3	12.3	11.5	12.1
Indirect	16.0	15.5	15.5	14.0	13.6	13.4	13.6
Social Security	5.2	6.0	6.8	6.1	5.9	5.8	6.0

<sup>a</sup> Includes taxes at central and local levels of government.

<sup>b</sup> Fiscal year begins 1 April.

**Table 16**  
**Big Seven: Unemployment Rates<sup>a</sup>**

Percent

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
United States <sup>b</sup>	4.9	7.1	5.6	6.8	7.5	6.9	6.1	5.6	5.4	4.9
Canada	5.7	7.5	8.1	10.4	11.3	11.2	10.4	9.5	9.7	9.2
France <sup>c</sup>	2.5	6.5	9.1	9.6	10.4	11.8	12.3	11.8	12.6	12.6
Germany <sup>d</sup>	0.5	2.8	5.0	4.3	4.6	5.7	6.5	6.5	7.2	7.8
Italy <sup>e</sup>	3.2	4.4	7.0	6.9	7.3	10.2	11.3	12.0	12.1	12.3
Japan	1.2	2.0	2.1	2.1	2.2	2.5	2.9	3.2	3.4	3.4
United Kingdom <sup>f</sup>	3.1	7.0	6.9	8.8	10.1	10.5	9.7	8.7	8.2	7.1

<sup>a</sup> Unemployment as a share of total civilian labor force; data adjusted to US concepts.

<sup>b</sup> A change in methodology raised the unemployment rate by approximately 0.1 percentage point beginning in 1990 and an additional 0.1 percentage point beginning in 1994.

<sup>c</sup> Beginning in 1992 data are based on EUROSTAT statistics instead of OECD statistics; the impact of this revision was to lower the unemployment rate by 0.1 percentage point in 1992 and 1993, by 0.4 percentage point in 1994 and by 0.6 percentage point in 1995.

<sup>d</sup> Western area only. Unemployment in all Germany was 10 percent in 1996.

<sup>e</sup> Changes in methodology raised the unemployment rate by 0.3 percentage point in 1991 and by 1 percentage point beginning in 1993.

<sup>f</sup> Excluding Northern Ireland.

**Table 17**  
**Big Seven: Personal Savings Rates<sup>a</sup>**

Percent

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
United States <sup>b</sup>	8.2	8.8	5.5	6.1	6.0	5.4	4.5	5.1	4.4	4.0
Canada <sup>b</sup>	5.6	14.6	11.5	11.7	11.4	10.2	8.1	8.0	5.9	1.9
France	18.7	17.6	12.5	13.2	13.6	14.1	13.6	14.5	12.7	13.6
Germany <sup>bc</sup>	13.8	12.8	13.8	12.9	12.8	12.2	11.6	11.6	11.7	11.8
Italy <sup>b</sup>	29.5	23.4	17.4	17.6	17.3	15.5	15.1	14.7	12.9	11.4
Japan	17.6	17.9	12.1	13.2	13.1	13.4	13.3	13.7	13.8	13.6
United Kingdom <sup>b</sup>	9.2	13.4	8.2	10.1	12.0	11.5	10.4	11.7	11.4	11.1

<sup>a</sup> Savings as a share of disposable personal income (national definitions).

<sup>b</sup> Gross saving.

<sup>c</sup> For 1970-90, western area only; for 1991-97, unified Germany.

**Table 18**  
**Big Seven: Economic Indicators<sup>a</sup>**

*Percent growth*

	Average Annual Rate of Growth		1991	1992	1993	1994	1995	1996	1997
	1971-80	1981-90							
<b>Industrial production</b>									
United States	3.2	2.3	-1.9	3.1	3.6	5.4	4.9	3.5	4.9
Canada	3.5	2.1	-4.4	0.3	4.4	6.0	5.2	-1.1	6.6
Japan	5.5	4.0	1.8	-6.1	-4.6	0.7	3.4	3.0	4.3
France	3.6	1.1	-0.1	-1.0	-3.8	3.7	1.6	1.0	3.0
Germany <sup>b</sup>	2.4	1.7	3.2	-1.8	-6.0	4.4	1.5	-0.3	3.0
Italy	4.1	1.4	-2.2	-0.6	-2.9	5.2	6.1	-2.9	2.5
United Kingdom	1.1	2.1	-3.7	-0.1	2.1	5.4	2.1	1.1	1.4
<b>Consumer price inflation</b>									
United States	7.8	4.7	4.2	3.0	3.0	2.6	2.8	2.9	2.3
Canada	8.0	5.9	5.6	1.5	1.8	0.2	2.2	1.6	1.6
Japan	9.0	2.1	3.3	1.7	1.2	0.7	-0.1	0.1	1.7
France	9.6	6.3	3.2	2.4	2.1	1.7	1.7	2.0	1.2
Germany <sup>b</sup>	5.0	2.6	3.6	5.1	4.5	2.7	1.8	1.5	1.8
Italy	13.8	9.7	6.5	5.3	4.2	3.9	5.4	3.8	1.8
United Kingdom	13.7	6.6	5.9	3.7	1.6	2.5	3.4	2.4	3.1
<b>Export prices (unit values, US dollar basis)</b>									
United States	10.1	2.5	0.9	0.1	0.4	2.2	5.0	0.6	-1.6
Canada	10.1	1.4	-1.8	-3.0	-0.9	1.1	7.5	1.3	-1.9
Japan	10.3	2.9	7.2	6.3	9.2	7.7	8.0	NA	NA
France	12.2	2.2	-3.8	3.5	-9.5	9.1	13.0	-2.6	-11.1
Germany <sup>b</sup>	12.8	2.9	-3.2	5.5	-9.9	1.0	15.8	NA	NA
Italy	12.5	3.6	-0.6	1.4	-12.8	1.1	8.2	10.2	-9.4
United Kingdom	14.0	1.1	0.4	1.4	-4.1	4.0	10.0	0.5	-0.2
<b>Import prices (unit values, US dollar basis)</b>									
United States	14.6	1.3	0	0.8	-0.7	1.7	4.5	0.9	-2.4
Canada	10.4	2.5	0.4	-1.2	-0.6	0.4	3.3	0.3	-0.9
Japan	16.4	-0.6	-2.6	-1.1	0.7	0.2	8.3	NA	NA
France	13.2	1.2	-4.5	2.5	-11.1	6.2	13.1	-1.8	-11.1
Germany <sup>b</sup>	14.6	1.5	-1.0	3.0	-10.7	3.8	16.3	NA	NA
Italy	15.9	1.6	-4.2	0.1	-12.5	1.5	NA	NA	-9.3
United Kingdom	14.1	1.3	0.5	-0.4	-6.5	5.4	13.2	-0.5	-1.5

**Table 18 (Continued)**  
**Big Seven: Economic Indicators**<sup>a</sup>

*Percent growth*

	Average Annual Rate of Growth		1991	1992	1993	1994	1995	1996	1997
	1971-80	1981-90							
<b>Labor productivity in manufacturing (output per hour)</b>									
United States	NA	3.2	0.5	1.8	2.1	5.9	6.5	4.4	4.5
Canada	2.4	2.4	0.2	5.3	3.3	2.3	2.6	-1.7	2.8
Japan	5.3	4.1	4.2	0.6	0.5	1.3	7.4	2.4	6.2
France	4.5	3.5	-0.4	1.3	1.8	8.4	3.5	3.1	6.8
Germany <sup>b</sup>	4.0	2.5	2.9	-1.8	0.7	7.2	3.7	4.2	5.9
Italy	5.7	3.8	2.7	4.9	4.5	2.8	6.1	0.4	2.6
United Kingdom	2.3	5.1	5.3	6.5	5.6	3.4	-1.5	-1.3	0.9
<b>Unit labor costs in manufacturing (in US dollars)</b>									
United States	NA	1.8	4.7	2.6	0.8	-3.1	-3.3	-1.3	-1.0
Canada	6.5	3.9	7.9	-4.8	-9.5	-7.2	0.2	4.6	-1.7
Japan	12.9	4.9	9.4	10.0	18.8	9.5	3.8	-14.8	-12.7
France	12.8	2.0	1.7	9.3	-4.9	-3.5	8.9	-3.9	-15.6
Germany <sup>b</sup>	13.4	3.8	0.5	14.0	-0.6	0.4	14.9	-4.1	-16.2
Italy	9.8	4.1	4.3	3.1	-19.7	-5.6	-1.6	11.8	-7.6
United Kingdom	15.1	1.5	4.9	0.9	-14.5	0.6	4.9	2.3	7.9
<b>Export volume</b>									
United States	7.0	6.3	7.0	7.0	3.4	9.9	12.6	9.5	15.1
Canada	4.5	5.7	2.6	7.9	11.0	13.8	11.9	4.5	8.9
Japan	9.7	7.2	2.6	1.5	-2.0	1.7	3.3	0.6	9.5
France	7.2	3.9	3.9	4.7	-1.0	6.5	7.9	5.1	11.5
Germany <sup>b</sup>	5.4	4.5	1.4	0.8	-6.4	9.1	6.7	4.7	13.1
Italy	6.0	4.3	0.8	3.6	11.6	10.5	8.8	5.2	6.4
United Kingdom	4.8	4.2	0.6	2.2	0.1	12.9	8.6	7.5	7.0
<b>Import volume</b>									
United States	4.6	6.7	0.0	9.6	10.5	13.6	9.5	9.9	15.0
Canada	6.2	5.6	3.1	7.6	11.0	13.2	9.6	5.6	17.9
Japan	5.0	5.6	3.9	-0.7	3.8	13.7	12.5	3.4	1.6
France	7.5	4.1	2.9	0.9	-4.1	7.3	5.8	2.5	6.7
Germany <sup>b</sup>	5.0	4.7	11.9	1.3	-9.8	7.8	6.9	2.2	9.2
Italy	4.1	3.8	2.9	3.3	-9.1	10.5	6.5	0.0	9.6
United Kingdom	3.6	5.6	-5.4	6.4	0.4	6.3	4.8	9.6	7.5

<sup>a</sup>Growth rates were derived from unrounded data.

<sup>b</sup>For 1971-91, western area only; for 1992-97, unified Germany.

## Energy

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**Table 19**  
**Primary Energy Consumption<sup>a</sup>**

*Thousand barrels per day of oil equivalent*

	1970	1980	1985	1990	1992	1993	1994	1995	1996
<b>Western Hemisphere</b>									
Argentina	625 <sup>b</sup>	845	860	895	990	1,090	1,140	1,135	1,165
Brazil	850 <sup>b</sup>	1,910	2,270	2,845	3,005	3,160	3,360	3,270	3,400
Canada	3,200	4,490	4,615	5,065	5,115	5,270	5,370	5,655	5,835
Mexico	795 <sup>b</sup>	1,860	2,150	2,350	2,510	2,510	2,590	2,545	2,710
United States	30,265	35,940	35,160	37,825	38,630	39,780	40,410	41,190	42,235
<b>Europe and Eurasia</b>									
Belgium	805	915	890	950	1,030	1,015	1,045	1,030	1,110
France	2,945	4,000	4,065	4,365	4,545	4,595	4,485	4,980	5,215
Germany	6,300	7,215	7,190	7,095	6,805	6,765	6,745	6,775	7,000
Italy	2,215	2,910	2,895	3,250	3,375	3,335	3,300	3,235	3,240
Netherlands	985	1,295	1,225	1,355	1,410	1,425	1,440	1,435	1,485
Poland	1,650	2,500	2,535	1,965	1,905	1,935	1,850	1,850	1,885
Russia	NA	NA	16,240	17,780	16,085	15,175	13,200	12,600	12,200
Spain	770	1,465	1,530	1,830	1,930	1,890	2,005	2,065	2,090
Ukraine	NA	NA	NA	5,000	4,400	3,900	3,350	3,275	3,100
United Kingdom	4,155	4,035	4,075	4,290	4,420	4,430	4,455	4,455	4,650
<b>East and South Asia</b>									
China	4,100	8,465	10,665	13,565	14,450	15,455	16,485	17,675	19,265
India	1,350	2,040	2,775	3,935	4,350	4,510	4,845	5,110	5,415
Japan	5,155	7,230	7,500	8,935	9,265	9,395	9,935	10,045	10,295
South Korea	325 <sup>b</sup>	835	1,075	1,830	2,270	2,490	2,650	2,950	3,245
Taiwan	200 <sup>b</sup>	625	700	960	1,020	1,070	1,130	1,200	NA
Thailand	135 <sup>b</sup>	250	325	635	750	810	905	1,065	NA

<sup>a</sup>Data are for coal, crude oil, natural gas liquids, natural gas, and hydroelectric and nuclear electricity expressed in terms of oil equivalent.

Data exclude marine bunkers and minor fuels such as peat, shale, and fuelwood.

<sup>b</sup>1971 data.

**Table 20**  
**Primary Energy Production <sup>a</sup>**

*Thousand barrels per day of oil equivalent*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
Western Hemisphere										
Argentina	570 <sup>b</sup>	785	970	990	1,095	1,200	1,325	1,415	1,500	1,580
Brazil	430 <sup>b</sup>	965	2,010	2,070	2,100	2,180	2,255	2,340	2,410	2,325
Canada	3,270	4,870	6,350	6,610	6,795	7,255	7,705	7,925	8,190	7,995
Mexico	790 <sup>b</sup>	2,865	3,765	3,895	3,905	3,960	3,955	3,885	4,120	3,885
United States	29,650	30,745	32,360	32,140	31,965	31,275	32,445	32,960	33,345	34,770
Europe and Eurasia										
France	1,050	1,120	2,205	2,315	2,390	2,510	2,525	2,570	2,610	2,465
Germany	3,555	3,690	3,690	3,325	3,225	3,000	2,870	2,845	2,810	3,085
Netherlands	575	1,430	1,195	1,330	1,330	1,350	1,310	1,305	1,455	1,525
Norway	310	1,395	2,805	2,980	3,320	3,480	3,775	4,040	4,495	4,580
Poland	1,895	2,425	1,960	1,890	1,860	1,860	1,895	1,900	1,970	1,875
Russia	10,765	19,550	25,260	23,890	22,270	20,900	20,600	19,217	19,170	18,650
Ukraine	NA	NA	NA	2,040	1,978	1,770	1,576	1,447	1,445	1,432
United Kingdom	2,050	3,970	4,160	4,275	4,270	4,425	4,830	5,150	5,370	5,310
East and South Asia										
China	4,195	8,775	14,315	14,450	14,785	15,435	16,640	17,985	20,730	23,475
India	1,050 <sup>b</sup>	1,640	3,405	3,575	3,635	3,705	3,965	4,225	4,360	4,500
Japan	1,040	1,160	1,670	1,775	1,745	1,940	1,900	2,065	2,115	2,265
Malaysia	75 <sup>b</sup>	305	955	1,035	1,070	1,135	1,185	1,270	1,320	1,370
OPEC										
Indonesia	915 <sup>b</sup>	1,900	2,525	2,840	2,925	3,015	3,180	3,380	NA	NA
Iran	4,900 <sup>b</sup>	1,690	3,600	3,920	4,160	4,400	4,255	4,355	NA	NA
Iraq	1,720 <sup>b</sup>	2,735	2,140	330	485	540	600	625	NA	NA
Kuwait	3,375 <sup>b</sup>	1,880	1,335	225	1,175	2,035	2,215	2,225	2,240	NA
Libya	2,750 <sup>b</sup>	1,930	1,460	1,635	1,565	1,485	1,505	1,555	1,620	NA
Nigeria	1,550 <sup>b</sup>	2,120	1,900	1,990	2,065	2,240	2,085	2,110	NA	NA
Saudi Arabia	4,900 <sup>b</sup>	10,660	7,375	9,300	9,500	9,400	9,330	9,395	9,460	NA
Venezuela	3,990 <sup>b</sup>	2,700	2,925	3,240	3,250	3,390	3,410	3,930	NA	NA
United Arab Emirates	1,060 <sup>b</sup>	1,875	2,585	2,950	2,800	2,700	2,695	2,775	2,935	NA

<sup>a</sup>Data are for coal, crude oil, natural gas, natural gas liquids, and hydroelectric and nuclear electricity expressed in terms of oil equivalent.

<sup>b</sup>1971 data.

**Table 21**  
**Primary Energy Production, by Type <sup>a</sup>**

*Thousand barrels per day of oil equivalent*

	1980				1997			
	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear
<b>Western Hemisphere</b>								
Argentina	5	519	170	91	NEGL	835	570	175
Brazil	49	224	20	672	50	845	107	1,323
Canada	410	1,673	1,272	1,515	923	1,880	3,008	2,184
Mexico	36	2,305	431	93	80	3,025	589	191
United States	8,958	9,828	9,091	2,868	13,806	6,411	9,558	4,995
<b>Europe and Eurasia</b>								
France	266	47	127	680	89	36	53	2,287
Germany	2,862	114	325	389	1,724	55	368	938
Netherlands	0	30	1,378	22	0	55	1,460	10
Poland	2,300	8	100	17	1,760	7	89	19
Russia	3,700	10,910	4,100	840	2,310	6,120	8,850	1,370
Ukraine	NA	150	916	NA	640	82	300	410
United Kingdom	1,479	1,650	626	215	600	2,620	1,602	488
<b>East and South Asia</b>								
China	6,076	2,157	239	303	18,800	3,210	375	1,090
Japan	216	10	39	895	51	14	36	2,164
India	1,165	192	25	258	3,030	648	356	466
Malaysia	0	290	10	5	NEGL	645	695	30

<sup>a</sup>Data are for coal, crude oil, natural gas, natural gas liquids, and hydroelectric and nuclear electricity expressed in terms of oil equivalent.

**Table 22**  
**Crude Oil Production <sup>a</sup>**

*Thousand barrels per day*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
World	45,700	59,500	60,600	60,000	59,800	60,500	61,900	63,300	64,900
OPEC									
Algeria	976	1,020	794	772	747	750	764	818	850
Indonesia	855	1,576	1,289	1,346	1,327	1,319	1,498	1,392	1,380
Iran	3,831	1,662	3,252	3,455	3,671	3,585	3,612	3,668	3,610
Iraq	1,563	2,514	2,080	425	448	550	600	576	1,070
Kuwait <sup>b</sup>	2,983	1,661	1,235	1,050	1,870	2,000	2,007	2,048	2,090
Libya	3,321	1,830	1,374	1,493	1,361	1,380	1,390	1,393	1,415
Nigeria	1,090	2,058	1,811	1,902	1,905	1,883	1,890	2,246	2,270
Saudi Arabia <sup>b</sup>	3,789	9,903	6,414	8,308	8,087	8,000	8,074	8,080	8,165
United Arab Emirates	691	1,702	2,117	2,322	2,195	2,223	2,205	2,292	2,320
Venezuela	3,708	2,165	2,085	2,314	2,335	2,463	2,609	2,938	3,175
Other									
Canada	1,305	1,424	1,518	1,604	1,677	1,742	1,806	1,834	1,880
China	602	2,113	2,769	2,835	2,908	2,961	3,007	3,128	3,210
Kazakhstan <sup>c</sup>	NA	NA	515	515	460	405	415	460	517
Mexico	420	1,936	2,648	2,668	2,673	2,685	2,722	2,961	3,025
Norway	0	528	1,620	2,144	2,264	2,580	2,782	3,092	3,175
Russia <sup>c</sup>	NA	NA	10,325	7,915	6,875	6,315	6,135	6,010	6,116
United Kingdom	2	1,619	1,850	1,864	1,922	2,469	2,565	2,553	2,620
United States	9,648	8,597	7,355	7,171	6,847	6,662	6,560	6,465	6,411

<sup>a</sup>Unless otherwise indicated, data are for crude oil and exclude natural gas liquids, shale oil, natural gasoline, and synthetic crude oil.

<sup>b</sup>Including about one-half of Neutral Zone production.

<sup>c</sup>Including natural gas liquids.

**Table 23**  
**Major Exporters of Oil <sup>a</sup>**

*Thousand barrels per day*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
Algeria	985	868	1,000	1,125	1,070	1,025	1,090	1,130	1,230	1,330
Indonesia	725	1,197	900	1,060	810	730	715	680	750	710
Iran	3,519	952	2,200	2,295	2,330	2,475	2,460	2,160	2,585	2,550
Iraq	1,499	2,494	1,650	NA	50	160	90	185	80	645
Kuwait <sup>b</sup>	2,831	1,551	1,200	90	1,020	2,020	2,055	2,025	2,110	2,180
Libya	3,313	1,776	1,300	1,445	1,370	1,270	1,285	1,310	1,275	1,300
Mexico	NA	828	1,277	1,280	1,295	1,255	1,215	1,275	1,565	1,685
Nigeria	1,055	2,034	1,550	1,660	1,700	1,760	1,790	1,775	2,060	2,190
Russia	NA	NA	NA	NA	3,600	3,220	3,275	3,160	3,650	3,750
Saudi Arabia <sup>b</sup>	3,564	9,309	6,100	7,850	8,100	7,845	7,800	7,700	7,710	8,300
United Arab Emirates	777	1,697	2,200	2,505	2,250	2,240	2,250	2,150	2,060	2,195
Venezuela	3,470	1,837	1,950	2,145	2,140	2,150	2,280	2,425	2,800	2,975

<sup>a</sup>Including refined products.

<sup>b</sup>Including about one-half of Neutral Zone production.

**Table 24**  
**Selected Importers of Oil**

*Thousand barrels per day*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
Brazil	450	910	635	640	775	770	820	870	NA
France	2,146	2,509	1,952	1,976	2,017	1,885	1,944	2,030	2,049
Germany	2,885	3,137	2,652	2,896	2,904	2,950	2,884	2,982	2,998
India	300	475	575	825	870	935	1,000	1,125	NA
Italy	2,345	2,151	2,167	2,243	2,195	2,179	2,162	2,115	2,196
Japan	4,206	5,091	5,112	5,242	5,253	5,564	5,544	5,591	5,633
South Korea	200	550	1,120	1,750	1,990	2,100	2,225	2,500	NA
Taiwan	150	425	560	585	625	660	700	700	NA
Thailand	130	240	375	445	510	550	625	675	NA
United States	3,419	6,909	8,018	7,888	8,620	8,996	8,835	9,399	9,907

**Table 25**  
**Imports of Crude Oil and Refined Products, by Selected OECD Countries, 1997**

*Thousand barrels per day*

	United States	Canada	Japan	Western Europe	Germany	France	United Kingdom	Italy	Netherlands	Spain	Other Western Europe	Australia	New Zealand
Total Imports	9,907	944	5,633	9,551 <sup>a</sup>	2,998	2,049	1,193	2,196	1,936	1,403	4,135	482	104
OPEC	4,488	311	4,230	5,957	631	880	197	1,325	727	764	1,434	262	50
Persian Gulf	1,738	120	4,043	3,380	156	615	94	578	571	358	1,008	148	48
Iran	0	32	454	954	23	127	0	258	88	104	354	0	0
Iraq	88	14	15	286	1	77	0	33	23	72	80	2	0
Kuwait	253	0	533	235	12	17	31	0	167	0	6	4	0
Qatar	4	0	325	0	0	0	0	0	0	0	0	8	0
Saudi Arabia	1,391	74	1,364	1,898	119	393	62	287	291	182	565	73	43
United Arab Emirates	2	0	1,352	6	1	0	0	0	2	0	3	60	5
Non-Persian Gulf	2,750	190	386	2,578	474	265	103	748	156	406	426	115	2
Algeria	285	54	12	534	86	117	17	75	88	71	80	0	0
Indonesia	58	0	348	18	0	0	0	16	2	0	0	109	2
Libya	0	0	0	1,204	239	57	49	593	1	120	145	0	0
Nigeria	678	24	23	604	101	91	4	50	48	195	115	5	0
Venezuela	1,729	113	3	217	49	0	33	13	17	20	85	0	0
Non-OPEC	5,419	633	1,203	3,594 <sup>a</sup>	2,367	1,169	996	871	1,208	639	2,701	219	54
of which:													
China	44	0	234	1	1	0	0	0	0	0	0	3	0
Egypt	37	0	8	141	5	6	3	64	3	5	55	0	0
Gabon	221	0	6	20	0	16	0	1	0	0	3	0	0
Mexico	1,366	33	64	151	0	0	14	2	6	109	21	0	0
Russia	13	0	7	1,982	590	197	127	271	239	115	443	0	0
Consumption	18,582	1,775	5,735	14,515	2,905	1,820	1,940	2,020	885	1,315	3,630	775	130

<sup>a</sup>Excluding intra-West European trade.

**Table 26**  
**Oil Costs of Selected Importers <sup>a</sup>**

*Billion US \$*

	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997
<b>Western Hemisphere</b>										
Brazil	10.3	6.1	5.1	4.3	4.0	4.4	4.1	5.1	6.1	6.1
Chile	0.9	0.5	0.9	0.8	0.8	0.8	0.8	1.1	1.5	1.5
United States	76.9	51.4	64.2	54.0	53.8	53.1	52.6	56.0	68.9	73.3
<b>Europe</b>										
France	30.7	18.8	17.0	16.2	15.1	13.4	12.9	13.7	17.6	16.5
Germany	35.1	24.4	21.8	22.7	22.7	19.8	19.1	19.4	24.2	22.8
Italy	24.6	19.3	17.2	15.3	14.4	12.5	12.4	13.7	17.6	16.5
Netherlands	17.0	12.6	10.8	9.7	9.5	9.1	8.6	10.0	12.1	11.6
Spain	11.9	9.8	9.1	9.1	9.1	7.3	7.2	7.5	9.4	8.7
United Kingdom	14.0	10.5	11.2	10.4	9.3	8.9	7.1	7.3	8.9	8.6
<b>East and South Asia</b>										
Hong Kong	1.2	1.1	1.6	1.7	2.0	2.1	2.3	2.9	3.6	3.1
India	6.1	4.1	6.0	5.4	6.6	5.8	5.7	7.5	10.1	NA
Japan	58.9	40.6	41.3	37.8	36.4	33.4	32.6	35.8	41.4	41.9
Pakistan	1.4	1.4	1.5	1.5	1.5	1.6	1.7	1.8	2.3	2.1
Philippines	2.3	1.4	1.8	1.7	2.0	1.9	2.0	2.3	2.8	NA
South Korea	6.2	6.2	8.9	10.2	11.9	11.9	12.1	14.7	18.9	21.2
Singapore	6.9	7.7	9.6	9.3	9.2	9.2	9.0	10.0	12.3	12.6
Taiwan	4.2	3.3	4.5	4.4	4.1	4.1	4.3	5.3	6.3	6.7
Thailand	2.8	2.0	3.0	3.4	3.3	3.4	3.6	4.6	6.2	5.7
<b>Middle East</b>										
Israel	2.1	1.4	1.3	1.3	1.5	1.5	1.4	1.7	1.8	1.9

<sup>a</sup>Total cost of imported crude oil and petroleum products.

**Table 27**  
**Natural Gas Production**

*Billion cubic meters*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
World	1,000	1,500	2,100	2,100	2,200	2,200	2,200	2,300	2,300
Western Hemisphere									
Canada	64	70	107	124	137	149	158	163	169
Mexico	14	36	27	26	26	26	27	30	33
United States	589	542	499	503	520	539	530	541	537
Venezuela	10	14	18	24	24	25	26	27	28
Europe									
Germany	14	27	16	19	19	19	20	22	21
Netherlands	32	96	72	83	85	78	78	90	82
Norway	0	25	27	28	27	30	30	41	45
United Kingdom	11	37	50	56	66	71	74	90	90
Eurasia									
Romania	24	33	28	26	26	19	19	18	19
Russia	NA	NA	640	639	617	606	595	601	571
Turkmenistan	NA	NA	88	60	65	36	32	35	17
Uzbekistan	32	35	41	43	46	47	44	48	52
East Asia/Pacific									
China	4	14	15	15	15	16	16	16	21
Indonesia	NA	19	43	54	56	62	62	66	69
Middle East/North Africa									
Algeria	5	12	51	56	56	51	58	65	71

**Table 28**  
**Electricity Production <sup>a</sup>**

*Billion kilowatt-hours*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
<b>Western Hemisphere</b>									
Brazil	46	140	223	242	251	261	275	NA	NA
Canada	210	373	482	521	528	557	562	571	570
Mexico	NA	67	123	130	136	147	153	163	180
United States	1,624	2,427	3,197	3,292	3,411	3,473	3,582	3,663	3,725
<b>Europe and Eurasia</b>									
France	147	258	421	463	473	477	494	513	505
Germany	310	468	550	537	526	529	537	555	550
Italy	117	186	217	226	223	232	242	244	250
Poland	64	122	136	133	134	135	139	143	143
Russia	NA	805	1,082	1,002	956	876	862	847	834
Spain	56	110	152	159	157	162	167	174	185
Sweden	61	97	146	146	146	143	148	140	150
Ukraine	NA	236	298	252	227	201	192	181	177
United Kingdom	249	285	319	321	323	325	334	347	360
<b>Asia/Pacific</b>									
Australia	50	96	155	160	164	168	173	177	184
China	116	300	618	739	813	904	984	1,059	1,100
India	61	119	264	301	324	351	380	394	405
Japan	360	576	857	895	907	964	990	1,012	1,030
South Korea	10	37	108	131	144	183	204	226	245
<b>Africa</b>									
South Africa	50	100	167	168	175	188	189	201	210

<sup>a</sup>Data are for total (gross) production at generating centers and therefore include transmission losses and station use.

**Table 29**  
**Selected Countries: Electricity Generation, by Type of Fuel**

Percent

	Coal			Oil			Natural Gas			Nuclear			Hydro		
	1970	1980	1996	1970	1980	1996	1970	1980	1996	1970	1980	1996	1970	1980	1996
Western Hemisphere															
Canada	18	16	16	3	4	2	3	3	3	1	10	16	75	67	62
Mexico	NEGL	NEGL	11	36	54	50	18	12	11	0	0	5	46	34	20
United States	46	51	52	12	11	3	25	15	13	1	11	20	16	12	10
Europe and Eurasia															
France	30	27	5	22	19	2	5	3	1	4	24	77	39	27	14
Germany	74	63	54	12	6	1	5	15	9	4	12	29	5	4	5
Italy	5	10	9	50	57	48	5	5	21	3	1	0	35	25	19
Russia	NA	NA	19	NA	NA	7	NA	NA	41	NA	NA	12	NA	NA	21
Spain	22	30	31	27	35	8	NEGL	3	4	2	5	32	49	27	23
Sweden	NEGL	NEGL	2	31	10	5	0	0	NEGL	NEGL	28	53	68	61	37
Ukraine	NA	NA	27	NA	NA	5	NA	NA	28	NA	NA	37	NA	NA	5
United Kingdom	69	73	42	19	12	4	NEGL	1	24	10	13	27	2	1	1
East Asia															
Japan	17	10	15	60	46	21	1	14	20	1	14	30	21	16	9

**Table 30**  
**Selected Countries: Oil Consumption**

Thousand barrels per day

	1970	1980	1990	1992	1993	1994	1995	1996	1997
Brazil	520	1,180	1,390	1,450	1,510	1,600	1,680	1,760	1,870
Canada	1,485	1,815	1,685	1,620	1,685	1,681	1,717	1,750	1,775
France	1,950	2,255	1,875	1,915	1,875	1,711	1,807	1,830	1,820
Germany <sup>a</sup>	2,570	2,605	2,715	2,795	2,840	2,833	2,835	2,900	2,905
India	380	650	1,190	1,310	1,350	1,440	1,610	1,740	1,880
Italy	1,760	1,950	1,950	2,005	1,950	1,961	2,019	2,015	2,020
Japan	4,000	4,990	5,215	5,500	5,431	5,710	5,700	5,730	5,735
South Korea	190	530	1,050	1,530	1,690	1,850	2,020	2,150	2,260
United Kingdom	2,030	1,635	1,765	1,805	1,765	1,864	1,849	1,965	1,940
United States	14,695	17,055	16,990	17,035	17,237	17,718	17,725	18,309	18,582

<sup>a</sup>Prior to 1990 data are for western area only.

**Table 31**  
**Installed Nuclear Electricity Generating Capacity <sup>a</sup>**

*Thousand megawatts*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
Argentina	0	0.3	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Armenia	0	NA	NA	0	0	0	0.4	0.4	0.4
Belgium	NEGL	1.7	5.5	5.5	5.5	5.5	5.5	5.5	5.7
Brazil	0	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Bulgaria	0	0.8	2.6	3.7	3.5	3.4	3.5	3.4	3.5
Canada	0.2	5.1	12.8	13.7	15.4	15.4	14.9	15.4	15.4
China	0	0	0	0	0	2.1	2.1	2.1	2.2
Czech Republic	0	0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Finland	0	1.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
France	1.7	12.9	51.9	56.5	56.5	57.4	58.5	57.4	58.7
Germany	0.4	10.4	22.4	22.5	22.6	22.7	22.0	22.2	22.3
Hungary	0	0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
India	0.4	0.6	1.4	1.6	1.8	1.6	1.7	1.7	1.7
Japan	0.8	14.5	30.3	32.0	35.9	38.9	39.9	41.0	43.4
Kazakhstan	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lithuania	0	0	3.0	2.8	2.8	2.8	2.4	2.8	2.4
Mexico	0	0	0.7	0.7	0.7	0.7	1.3	1.3	1.3
Netherlands	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Pakistan	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Romania	0	0	0	0	0	0	0	0.7	0.6
Russia	0.9	9.2	20.3	18.8	19.8	19.8	19.8	19.8	19.8
Slovakia	0	0.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Slovenia	0	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
South Africa	0	0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
South Korea	0	0.6	7.2	7.2	7.2	7.2	9.1	9.1	9.8
Spain	0.2	1.1	7.1	7.2	7.1	7.1	7.1	7.2	7.2
Sweden	NEGL	4.7	9.9	9.9	10.0	10.1	10.1	10.1	10.0
Switzerland	0.4	1.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1
Taiwan	0	1.2	4.9	4.9	4.9	4.9	4.9	4.9	4.9
Ukraine	0	2.4	13.8	12.1	12.1	12.1	13.6	12.1	12.8
United Kingdom	4.1	8.0	12.6	12.3	11.7	12.7	12.9	12.7	12.9
United States	6.0	51.7	99.6	97.9	99.4	99.2	98.8	100.5	98.0

<sup>a</sup>Data are as of the end of the year and presented on a net basis except for Lithuania, Russia, and Ukraine which, before 1992, are presented as gross capacity.

## Agriculture

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**Table 32**  
**Grain Yields<sup>a</sup>***Kilograms per hectare*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
United States	3,157	3,774	4,740	4,490	5,340	4,280	5,550	4,620	5,161	5,270
Argentina	1,775	1,871	2,430	2,920	2,970	2,710	2,920	2,700	2,980	3,670
Australia	1,219	1,052	1,670	1,640	1,800	2,000	1,230	1,800	2,090	1,790
Bangladesh	1,673	2,006	1,700	1,780	1,800	1,810	1,710	1,790	1,830	1,730
Belarus	NA	NA	2,770	2,460	2,780	2,810	2,280	2,170	2,200	2,420
Brazil	1,409	1,576	1,630	1,950	2,050	2,150	2,340	2,160	2,360	2,230
Burma	1,605	2,586	1,610	1,590	1,560	1,590	1,670	1,720	1,590	1,610
Canada	2,106	2,167	2,640	2,589	2,470	2,665	2,610	2,710	2,860	2,600
China	1,769	2,734	3,770	3,720	3,840	4,070	3,990	4,140	4,340	4,260
Egypt	3,912	4,135	5,360	5,720	5,310	5,410	5,610	5,370	5,720	5,790
France	3,380	4,852	6,090	6,570	6,523	6,560	6,590	6,500	7,170	6,990
Germany	3,337	4,429	5,146	5,986	5,335	5,740	5,860	6,140	6,320	6,510
Hungary	2,544	4,808	4,620	5,685	3,723	3,180	3,910	4,120	4,063	4,830
India	1,135	1,350	1,530	1,550	1,660	1,850	1,840	1,920	1,920	2,010
Indonesia	1,989	2,865	2,600	2,620	2,630	2,610	2,550	2,600	2,660	2,610
Italy	2,755	3,521	3,870	4,280	4,600	4,660	4,380	4,450	4,760	4,560
Japan	5,123	4,841	4,440	4,100	4,430	3,350	4,820	4,480	4,614	4,560
Kazakhstan	NA	NA	1,220	520	1,330	1,000	800	510	660	780
Mexico	1,518	2,157	2,420	2,340	2,580	2,430	2,400	2,540	2,530	2,710
Pakistan	1,230	1,610	1,650	1,660	1,760	1,830	1,760	1,920	1,898	1,910
Poland	1,946	2,337	3,280	3,191	2,399	2,780	2,610	3,050	2,920	2,850
Romania	1,802	3,123	3,000	3,191	2,090	2,400	2,570	3,100	2,440	3,550
Russia	NA	NA	1,900	1,500	1,774	1,690	1,500	1,200	1,340	1,710
South Africa	1,132	1,557	1,910	960	2,160	2,630	1,460	2,280	2,180	2,050
Spain	1,379	2,481	2,440	2,380	1,920	2,700	2,320	1,820	3,110	2,750
Thailand	2,038	1,931	1,490	1,630	1,580	1,590	1,720	1,770	1,690	1,730
Ukraine	NA	NA	3,700	2,821	2,892	3,400	2,840	2,590	2,070	2,550
United Kingdom	3,569	4,944	6,090	6,512	6,294	6,360	6,520	6,880	7,330	6,750
Vietnam	2,095	2,085	1,950	2,220	2,160	2,390	2,370	2,460	2,540	2,500
Zimbabwe	1,232	1,166	1,340	530	1,330	1,560	760	1,600	1,180	1,280

<sup>a</sup>Data include milled rice.

**Table 33**  
**Total Grain Production<sup>a</sup>**

*Million metric tons*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
United States	186.72	269.68	310.13	277.61	350.26	256.91	354.70	274.47	335.20	340.03
Argentina	19.66	18.27	21.97	24.76	24.28	23.31	25.70	23.18	35.56	39.49
Australia	12.86	16.36	22.40	19.51	25.12	27.10	15.09	26.77	34.80	28.15
Bangladesh	16.86	21.66	18.90	19.36	19.56	19.18	18.08	19.06	20.34	19.73
Belarus	4.24 <sup>b</sup>	5.00 <sup>b</sup>	6.75	6.00	7.05	7.29	6.02	5.44	5.70	5.95
Brazil	22.78	33.19	35.14	41.37	39.33	43.02	47.86	41.59	46.29	40.44
Canada	26.47	39.81	56.60	53.73	49.50	50.57	45.89	48.51	57.41	48.92
China <sup>c</sup>	239.96	320.56	342.45	336.31	340.58	343.96	333.04	353.35	384.89	377.00
Egypt	6.62	7.52	11.79	12.02	12.33	13.20	13.51	14.58	15.32	15.75
France	31.29	47.36	55.28	60.46	60.66	54.59	52.05	52.13	61.09	62.23
Germany	22.53	32.04	36.97	39.27	34.76	34.14	34.94	37.99	39.73	42.50
Hungary	7.62	14.01	12.24	15.68	9.73	8.38	11.08	10.92	10.95	13.35
India	101.80	131.15	156.69	155.74	165.34	160.03	160.63	165.81	166.62	173.01
Indonesia	22.15	33.65	34.37	36.75	36.97	35.72	38.43	39.22	37.96	36.60
Italy	16.15	17.99	17.08	18.82	19.42	18.93	17.98	18.80	20.09	19.07
Japan	17.00	13.17	10.86	9.77	10.67	8.04	11.70	10.45	10.13	9.89
Kazakhstan	22.24 <sup>b</sup>	27.50 <sup>b</sup>	27.91	11.59	29.17	21.06	15.97	9.33	10.99	11.93
Mexico	14.99	21.11	22.46	23.04	25.60	26.44	25.01	27.55	29.70	28.09
Pakistan	11.75	16.86	19.44	19.39	20.46	21.74	20.36	22.63	22.84	22.71
Poland	16.26	18.34	28.01	27.81	19.96	18.33	17.08	19.97	19.60	19.40
Romania	10.63	20.20	17.14	19.29	12.12	15.48	16.83	19.79	14.24	22.15
Russia	113.20 <sup>b</sup>	105.00 <sup>b</sup>	110.57	85.58	102.45	94.10	77.04	60.60	66.49	84.82
South Africa	8.06	13.02	10.55	5.72	12.05	15.96	7.23	12.94	12.28	10.79
South Korea	NA	NA	6.31	5.95	5.86	5.23	5.48	5.18	5.82	5.80
Spain	10.30	18.64	18.34	18.57	14.08	17.16	15.14	10.84	20.73	19.02
Thailand	15.47	20.60	15.42	17.21	16.70	15.75	18.12	18.29	17.76	18.20
Turkey	15.66	24.21	25.50	26.24	25.02	26.96	23.60	24.96	25.96	26.22
Ukraine	36.39 <sup>b</sup>	38.10 <sup>b</sup>	47.26	36.28	35.15	41.90	32.28	31.67	23.00	33.49
United Kingdom	13.01	19.42	22.51	22.72	21.93	19.43	19.76	21.78	24.50	23.46
Vietnam	NA	14.40	13.24	15.54	15.12	16.84	17.39	18.87	19.50	19.30

<sup>a</sup>Data are for the following products, where they are produced: barley, corn, oats, rice (milled), rye, sorghum, and wheat.

<sup>b</sup>Bunker weight, i.e., gross output from the combine.

<sup>c</sup>Including soybeans, broad beans, and field peas (1970-80).

**Table 34**  
**Soybean Production**

*Thousand metric tons*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
United States	30,675	48,921	52,416	54,065	59,612	50,919	68,493	59,243	64,837	74,224
Argentina	27	3,600	11,500	11,150	11,350	12,400	12,500	12,430	11,200	17,000
Bolivia	NA	NA	352	380	513	735	810	900	1,000	1,260
Brazil	1,509	15,156	15,750	19,300	22,500	24,700	25,900	24,150	26,800	30,700
Canada	283	690	1,262	1,460	1,455	1,851	2,251	2,293	2,165	2,700
China	11,645	7,966	11,000	9,710	10,300	15,310	16,000	13,500	13,220	14,700
India	NA	442	2,602	2,492	3,106	4,000	3,236	4,476	4,100	5,350
Indonesia	498	653	1,400	1,750	1,700	1,565	1,680	1,517	1,400	1,400
Italy	NA	NA	1,751	1,320	1,065	541	652	638	871	1,243
Mexico	240	280	567	718	572	497	523	190	61	175
Paraguay	52	595	1,300	1,300	1,750	1,800	2,200	2,400	2,771	2,700
Russia	NA	NA	717	624	505	497	421	290	279	280
Thailand	NA	NA	530	435	480	480	450	368	360	325

**Table 35**  
**Wheat Production**

*Million metric tons*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
United States	36.78	64.62	74.29	53.89	67.14	65.22	63.17	59.40	62.19	68.76
Argentina	4.92	7.78	10.90	9.88	9.80	9.70	11.30	8.60	15.90	14.70
Australia	7.89	10.86	15.07	10.56	16.18	16.48	8.90	16.50	23.70	18.55
Canada	9.02	19.29	32.10	31.95	29.87	27.23	23.12	25.04	29.80	24.30
China	29.19	55.21	98.23	96.00	101.59	106.39	99.30	102.22	110.57	123.30
France	12.92	23.68	33.60	34.59	32.78	29.25	30.55	30.86	35.94	34.00
Germany	NA	NA	NA	16.61	15.54	15.77	16.48	17.76	18.92	19.87
Eastern	2.13	3.10	4.19	NA	NA	NA	NA	NA	NA	NA
Western	5.66	8.16	11.05	NA	NA	NA	NA	NA	NA	NA
Hungary	2.72	6.08	6.16	6.01	3.44	3.02	4.86	4.60	3.90	5.27
India	20.09	31.83	49.85	55.13	55.69	57.21	59.84	65.47	62.10	69.28
Iran	4.26	6.00	8.00	8.90	10.20	10.90	11.50	11.30	11.00	10.00
Italy	9.69	9.16	8.11	9.42	8.94	7.85	7.80	7.65	7.75	6.70
Kazakhstan <sup>a</sup>	17.17 <sup>b</sup>	18.55 <sup>b</sup>	16.20	6.89	18.28	11.66	9.05	6.49	7.70	8.65
Pakistan	7.29	10.86	14.43	14.56	15.68	16.16	15.21	17.00	16.91	16.65
Poland	4.61	4.18	9.03	9.27	7.37	8.24	7.66	8.67	8.58	8.19
Romania	3.40	6.47	7.31	5.49	3.05	5.30	6.19	7.70	3.16	7.19
Russia <sup>a</sup>	62.87 <sup>b</sup>	53.78 <sup>b</sup>	49.60	38.90	46.17	43.50	32.10	30.10	34.90	44.20
Spain	4.13	6.04	4.76	5.00	4.36	5.00	4.31	2.50	5.90	4.63
Turkey	10.08	16.55	16.00	16.50	15.50	16.50	14.70	15.50	16.00	16.00
Ukraine <sup>a</sup>	15.61 <sup>b</sup>	21.33 <sup>b</sup>	30.37	21.16	19.51	21.83	13.86	16.27	13.55	18.40
United Kingdom	4.24	8.47	14.00	14.40	14.00	12.89	13.31	14.31	16.10	15.05

<sup>a</sup>Cleaned grain (net) weight.

<sup>b</sup>Bunker weight, i.e. gross output from the combine.

**Table 36**  
**Coarse Grain Production <sup>a</sup>**

*Million metric tons*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
United States	146.14	198.43	230.74	218.62	277.42	186.45	284.89	209.44	267.56	265.42
Argentina	14.34	10.23	10.77	14.38	14.01	13.22	13.79	14.02	18.88	24.20
Belarus <sup>b</sup>	3.23	4.50	6.37	5.75	6.72	6.94	5.77	5.00	5.10	5.20
Brazil	14.29	20.71	25.04	31.43	29.86	33.76	38.22	33.24	36.63	31.80
Canada	17.45	20.51	24.50	21.16	19.02	23.34	22.77	23.47	27.61	24.62
China	NA	NA	111.68	108.28	104.76	113.18	110.59	121.48	137.75	113.70
France	18.28	23.65	21.60	25.06	26.96	25.27	21.43	21.20	25.07	28.16
Germany	NA	NA	NA	21.62	18.07	18.37	18.46	20.23	20.81	22.63
Eastern	4.32	6.53	7.66	NA	NA	NA	NA	NA	NA	NA
Western	10.41	14.25	14.07	NA	NA	NA	NA	NA	NA	NA
Hungary	4.78	7.86	6.06	9.66	6.27	5.35	6.20	6.31	7.04	8.06
India	18.31	19.01	32.55	17.80	24.50	22.52	19.63	20.72	23.21	20.24
Italy	5.64	7.87	8.00	8.56	9.69	10.23	9.36	10.36	11.52	11.47
Kazakhstan <sup>b</sup>	4.36	7.64	11.34	4.13	10.13	9.14	6.73	2.72	3.18	3.11
Mexico	11.91	17.86	18.36	19.62	22.27	22.71	20.60	23.85	26.33	24.25
Poland	11.65	14.16	18.99	12.37	8.24	10.09	9.42	11.30	11.02	11.21
Romania	7.17	13.69	9.79	13.78	9.05	10.16	10.64	12.08	11.06	14.95
Russia <sup>b</sup>	43.28	44.52	60.39	45.14	54.25	50.10	44.60	30.20	31.20	40.40
South Africa	6.67	11.55	8.85	3.59	10.73	13.99	5.40	10.99	9.58	8.51
Spain	5.79	12.17	13.18	13.00	9.21	11.94	10.56	8.11	14.30	13.83
Turkey	5.34	7.42	9.34	9.52	9.24	10.31	8.75	9.23	9.70	10.00
Ukraine <sup>b</sup>	17.48	13.62	16.81	14.72	15.36	20.00	18.37	15.35	9.40	15.05
United Kingdom	8.77	10.95	8.51	8.30	7.91	6.54	6.45	7.47	8.39	8.42

<sup>a</sup>Data are for the following products, where they are produced: barley, corn, oats, rye, and sorghum.

<sup>b</sup>For 1970 and 1980, 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.

Data for 1990 through 1997 are for cleaned grain but do not include sorghum.

**Table 37**  
**Rice Production<sup>a</sup>**

*Thousand metric tons*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
United States	3,801	6,629	7,081	7,228	8,149	7,081	8,972	7,887	7,770	8,115
Bangladesh	16,733	20,844	26,781	27,378	27,513	27,064	25,252	26,533	28,326	27,340
Brazil	5,394	8,638	10,000	10,100	9,901	10,515	11,238	10,038	9,504	8,529
Burma	8,162	13,320	13,695	12,800	13,400	15,086	16,000	17,000	15,517	15,345
Cambodia	NA	1,551	2,100	2,397	2,222	2,381	2,222	3,413	3,286	3,333
China	109,990	139,906	189,331	183,810	186,220	177,700	175,930	185,214	195,100	200,000
Colombia	753	1,784	1,738	1,738	1,646	1,785	1,408	1,283	1,333	1,333
Cuba	375	478	451	369	277	192	185	185	185	200
Egypt	2,604	2,382	3,167	3,447	3,908	4,198	4,565	4,399	4,900	5,000
Hungary	45	24	38	25	15	15	23	15	15	15
India	63,401	80,527	111,448	112,031	109,313	120,462	121,752	119,442	121,980	125,263
Indonesia	19,324	29,651	45,178	48,231	48,182	46,638	49,743	51,100	49,254	47,538
Iran	1,056	1,311	1,970	2,177	2,252	2,553	2,252	2,327	2,402	2,402
Italy	819	969	1,451	1,328	1,285	1,330	1,314	1,311	1,313	1,394
Japan	15,861	12,188	13,124	12,005	13,216	9,793	14,977	13,435	12,930	12,532
Kazakhstan	277	612	578	522	468	403	283	185	169	262
Madagascar	1,946	2,109	2,406	2,208	2,422	2,550	2,359	2,500	2,578	2,656
Malaysia	1,681	2,045	2,019	1,800	1,860	2,031	2,040	2,049	2,003	1,846
Nepal	2,304	2,464	3,500	3,221	2,721	3,153	3,228	3,303	3,453	3,453
North Korea	1,400	NA	2,804	2,319	2,029	1,594	2,029	1,884	1,884	2,174
Pakistan	3,298	3,926	4,898	4,865	4,674	5,993	5,171	5,905	6,461	6,547
Philippines	5,578	7,647	9,885	9,132	9,523	9,923	10,475	11,174	11,177	10,308
Russia	603	1,468	895	772	755	769	523	462	389	331
South Korea	3,907	5,984	7,732	7,428	7,257	6,404	6,882	6,386	7,189	7,365
Sri Lanka	1,616	2,133	2,446	2,465	2,403	2,549	2,779	2,447	2,187	2,474
Taiwan	3,078	2,942	2,285	2,300	2,060	2,211	2,061	2,071	1,753	1,778
Thailand	13,570	17,368	17,192	20,400	19,917	19,200	21,400	21,800	20,700	21,970
Ukraine	165	145	117	102	92	108	78	80	82	65
Uzbekistan	135	507	503	515	472	538	495	328	308	385
Vietnam <sup>b</sup>	4,500	11,842	18,776	22,179	21,703	24,302	24,615	26,792	27,273	26,970

<sup>a</sup>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.

<sup>b</sup>The 1970 number is for North Vietnam.

**Table 38**  
**Sugar Production<sup>a</sup>**

*Thousand metric tons*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
United States <sup>b</sup>	5,327	5,313	6,263	7,111	6,945	7,191	6,686	6,537	7,126
Australia	2,507	3,415	3,637	4,367	4,412	5,196	5,049	5,649	5,944
Brazil	5,019	8,270	7,900	9,800	9,930	12,500	13,700	14,650	15,500
China	1,350	2,570	6,765	8,300	6,505	6,299	6,686	7,789	8,605
Cuba	8,538	6,665	7,620	4,280	4,000	3,300	4,450	4,200	3,000
France	2,580	4,253	4,736	4,723	4,725	4,363	4,564	4,594	4,534
Germany	2,687	3,791	4,675	4,401	4,736	3,991	4,159	4,558	4,331
Hungary	304	509	550	360	273	425	484	490	480
India	4,634	4,528	13,707	12,447	11,704	16,410	18,225	14,616	14,232
Italy	1,199	1,934	1,587	2,032	1,541	1,622	1,621	1,561	1,565
Mexico	2,402	2,719	3,900	4,330	3,780	4,556	4,660	4,835	5,050
Pakistan	NA	NA	2,067	2,562	3,128	3,212	2,643	2,560	3,553
Philippines	1,980	2,332	1,718	2,060	1,809	1,647	1,791	1,829	1,800
Poland	1,509	1,160	2,214	1,567	2,170	1,492	1,714	2,435	2,270
Russia	NA	NA	2,600	2,540	2,700	1,655	2,060	1,710	1,300
South Africa	1,649	1,780	2,152	1,600	1,243	1,770	1,769	2,408	2,560
Thailand	NA	NA	3,954	3,750	3,975	5,448	6,223	6,013	4,220
Turkey	NA	NA	1,944	2,124	2,191	1,678	1,375	2,025	2,372
Ukraine	NA	NA	5,369	3,965	4,188	3,600	3,800	2,935	2,060
United Kingdom	925	1,202	1,360	1,590	1,561	1,373	1,322	1,608	1,441

<sup>a</sup>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.

<sup>b</sup>Including Puerto Rico, for all years except 1970.

**Table 39**  
**Coffee Production <sup>a</sup>**

*Thousand metric tons*

	1970	1980	1990	1991	1992	1993	1994	1995	1996	1997
Brazil	755	1,061	1,860	1,710	1,440	1,710	1,680	1,008	1,680	1,560
Cameroon	81	102	87	115	50	75	60	60	60	60
Colombia	570	724	870	1,079	897	684	780	776	647	720
Costa Rica	75	109	154	152	157	148	150	156	143	147
Cote d'Ivoire	240	250	198	238	150	162	224	174	280	252
Dominican Republic	51	66	40	42	41	33	42	48	38	49
Ecuador	78	69	110	102	94	129	153	114	105	87
El Salvador	129	165	156	141	174	142	139	140	150	143
Ethiopia	205	187	210	180	210	222	228	228	228	228
Guatemala	133	163	197	213	215	185	210	230	256	257
Honduras	34	76	101	135	119	124	138	135	137	148
India	64	150	178	192	162	208	184	223	205	240
Indonesia	178	295	449	426	441	444	384	348	474	426
Kenya	59	91	87	90	73	74	95	109	68	90
Madagascar	67	80	66	69	60	42	60	68	55	60
Mexico	184	208	273	277	251	252	242	324	318	330
Peru	65	95	70	69	71	61	87	109	92	120
Philippines	49	125	58	57	54	52	53	53	55	58
Thailand	1	9	47	60	70	72	84	78	79	72
Uganda	221	110	162	174	168	162	186	252	261	240
Venezuela	61	58	51	81	45	55	55	64	66	60
Vietnam	7	8	72	119	135	150	210	236	302	348
Democratic Republic of the Congo	81	88	102	90	107	54	78	60	54	60

<sup>a</sup>Green coffee.

## Foreign Trade and Aid

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**Table 40**  
**Big Seven: Direction of Trade <sup>a</sup>**

*Billion US \$*

	Exports to (f.o.b.)					Imports from (c.i.f.)				
	World	Big Seven	Other OECD	OPEC	Other	World	Big Seven	Other OECD	OPEC	Other
<b>United States</b>										
1980	221	93	56	17	55	257	108	37	57	55
1985	213	101	51	12	49	362	199	61	22	80
1990	393	195	101	13	83	517	264	92	39	122
1994	512	235	132	18	128	689	346	121	33	189
1995	584	265	145	20	154	771	376	144	37	214
1996	623	278	162	22	161	818	386	159	43	230
1997	688	302	181	26	179	899	415	179	48	258
<b>Japan</b>										
1980	130	47	20	19	45	141	36	16	58	31
1985	177	86	25	14	52	131	38	20	40	33
1990	288	136	54	14	84	235	91	41	43	60
1994	395	164	66	17	149	274	100	46	40	89
1995	443	172	75	18	177	336	121	57	44	114
1996	411	158	71	18	165	350	124	55	49	121
1997	421	166	70	20	165	339	117	52	52	117
<b>Germany</b>										
1980	193	70	82	13	28	188	70	71	21	27
1985	199	77	79	9	35	172	63	66	9	34
1990	409	166	179	11	53	347	142	144	9	52
1994	421	163	184	11	63	372	146	157	8	61
1995	509	192	226	12	79	444	173	191	8	72
1996	513	192	231	11	79	445	173	192	8	72
1997	511	195	225	12	80	436	168	188	8	72
<b>France</b>										
1980	116	47	33	9	27	135	57	35	25	19
1985	102	44	29	7	22	108	50	32	10	17
1990	216	99	72	8	38	234	118	73	9	34
1994	241	107	80	8	45	234	112	75	8	40
1995	289	128	98	10	54	278	132	93	8	46
1996	288	125	100	9	53	276	128	91	9	47
1997	285	124	100	9	52	265	124	87	9	46

**Table 40 (Continued)**  
**Big Seven: Direction of Trade <sup>a</sup>**

*Billion US \$*

	Exports to (f.o.b.)					Imports from (c.i.f.)				
	World	Big Seven	Other OECD	OPEC	Other	World	Big Seven	Other OECD	OPEC	Other
United Kingdom										
1980	110	39	42	11	19	116	49	41	10	16
1985	101	45	36	7	14	109	51	41	3	14
1990	185	84	67	9	25	223	109	82	5	27
1994	204	87	71	8	38	226	106	75	4	40
1995	239	100	85	9	45	263	124	86	5	48
1996	258	106	93	11	48	284	130	92	5	56
1997	279	112	99	14	54	302	138	96	6	62
Italy										
1980	78	36	19	10	13	100	44	20	18	18
1985	79	41	18	7	13	91	39	21	14	17
1990	170	91	49	7	24	182	89	52	13	28
1994	190	94	53	7	36	168	78	51	9	30
1995	233	114	68	8	44	206	97	62	11	36
1996	251	117	75	9	50	207	96	64	13	35
1997	238	110	71	9	48	208	95	65	13	35
Canada										
1980	75	56	6	2	11	67	53	4	5	6
1985	100	84	4	1	11	87	71	6	2	8
1990	139	120	9	2	9	132	104	11	2	14
1994	177	160	8	2	8	167	130	13	2	22
1995	209	186	10	3	11	180	143	16	2	19
1996	220	198	10	3	11	187	148	17	3	20
1997	234	210	10	3	11	215	171	18	3	23

<sup>a</sup> Data are from the International Monetary Fund, Direction of Trade. Country totals in this table do not agree with totals in Big Seven Exports and Imports by Commodity because of different practices of reporting data at the United Nations.

**Table 41**  
**Big Seven: Exports, by Commodity<sup>a</sup>**

*Billion US\$*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
<b>Big Seven</b>	163.2	904.1	1,763.5	1,945.2	1,883.9	2,117.4	2,472.7	2,543.1	2,640.9
Foodstuffs	15.9	90.0	130.8	149.0	138.8	150.2	173.8	182.4	173.8
Raw materials	13.3	58.0	73.5	67.5	63.1	73.8	91.6	83.6	81.9
Fuels	5.3	48.6	54.2	53.8	53.2	54.8	59.4	69.2	70.2
Manufactures	125.4	690.8	1,459.9	1,628.6	1,578.6	1,782.6	2,076.2	2,131.8	2,197.4
Other	3.2	13.5	42.3	41.1	47.8	50.4	64.5	70.8	92.1
<b>United States</b>	43.2	216.9	389.9	443.2	455.7	506.7	577.9	616.1	681.8
Foodstuffs	6.9	39.4	42.4	47.1	46.8	50.0	58.7	63.4	59.4
Raw materials	4.1	20.1	25.2	22.4	20.9	23.8	31.1	26.3	26.2
Fuels	1.7	8.1	12.1	11.0	9.7	8.7	10.1	12.0	12.3
Manufactures	28.9	144.1	294.2	344.4	360.2	403.6	456.1	490.3	559.7
Other	1.5	4.8	15.9	18.3	18.2	20.5	21.9	24.1	24.3
<b>Canada</b>	16.2	63.1	125.1	132.1	142.3	163.7	190.1	199.1	212.0
Foodstuffs	2.0	7.8	10.9	12.6	11.6	12.8	14.3	15.4	16.6
Raw materials	4.9	15.5	21.3	19.8	20.1	23.3	28.6	26.6	27.2
Fuels	1.0	9.0	12.6	13.8	15.2	16.1	17.2	20.5	21.9
Manufactures	8.3	29.7	74.3	80.0	89.2	103.8	121.5	127.7	136.5
Other	0.1	0.2	6.0	5.9	6.2	7.6	8.4	8.9	9.8
<b>Japan</b>	19.3	129.5	286.8	339.5	360.7	395.3	442.6	410.5	420.4
Foodstuffs	0.7	1.7	1.7	1.9	2.0	2.1	2.2	2.0	2.3
Raw materials	0.4	2.2	2.3	2.7	2.8	3.3	4.0	4.0	4.0
Fuels	0.0	0.5	1.3	1.7	2.1	2.5	2.7	2.1	2.2
Manufactures	18.0	123.8	277.0	327.9	347.8	380.1	424.6	392.4	400.8
Other	0.2	1.3	4.5	5.2	6.0	7.4	9.1	9.9	11.2
<b>Germany</b>	34.2	191.6	397.8	429.6	379.4	426.2	507.6	523.1	510.6
Foodstuffs	1.2	10.1	19.0	23.3	20.7	22.8	25.5	27.4	23.9
Raw materials	1.2	6.5	9.1	9.4	7.8	9.5	11.5	10.7	9.9
Fuels	1.0	7.1	5.3	5.6	4.8	5.2	5.1	7.1	6.4
Manufactures	30.3	162.7	357.1	382.3	331.0	373.8	447.7	452.6	433.0
Other	0.5	3.4	4.9	5.9	13.4	10.4	11.9	20.9	37.4

**Table 41 (Continued)**  
**Big Seven: Exports, by Commodity**<sup>a</sup>

*Billion US\$*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
France	17.7	110.9	209.5	231.5	205.8	232.9	283.6	283.3	282.9
Foodstuffs	2.8	17.8	33.2	36.0	32.8	34.4	40.2	39.8	38.1
Raw materials	1.2	5.9	7.1	6.4	5.5	6.6	7.3	7.4	6.4
Fuels	0.4	4.5	4.9	5.4	5.6	5.7	6.8	7.4	7.1
Manufactures	13.2	82.3	163.9	183.4	161.7	185.7	221.5	227.5	224.2
Other	0.2	0.4	0.3	0.2	0.2	0.2	7.9	1.4	7.2
United Kingdom	19.4	114.4	185.5	190.5	171.6	202.8	239.7	259.0	295.1
Foodstuffs	1.3	7.8	13.0	15.5	13.3	15.4	17.9	17.9	18.4
Raw materials	1.2	6.4	6.3	4.8	4.4	5.3	6.5	6.0	5.7
Fuels	0.5	14.9	14.1	12.3	12.2	13.6	14.6	17.1	16.9
Manufactures	15.8	82.6	143.1	152.2	138.8	165.4	196.3	213.7	228.5
Other	0.6	2.6	8.5	3.6	2.4	2.4	3.1	3.4	25.6
Italy	13.2	77.6	169.0	178.8	168.4	189.9	231.3	252.0	238.1
Foodstuffs	1.1	5.4	10.6	12.6	11.6	12.8	15.1	16.5	15.2
Raw materials	0.3	1.5	2.2	1.9	1.7	2.0	2.5	2.7	2.5
Fuels	0.7	4.4	3.9	3.9	3.7	3.0	2.9	3.1	3.4
Manufactures	11.0	65.7	150.2	158.4	149.9	170.2	208.5	227.6	214.7
Other	0.0	0.7	2.1	1.9	1.5	1.9	2.1	2.1	2.3

<sup>a</sup>Data are from the United Nations trade tapes except for the United Kingdom for 1997.

**Table 42**  
**Big Seven: Imports, by Commodity <sup>a</sup>**

*Billion US\$*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
<b>Big Seven</b>	157.6	984.1	1,838.2	1,955.9	1,867.3	2,103.0	2,442.0	2,551.8	2,650.4
Foodstuffs	27.2	106.7	172.8	194.4	179.5	201.2	222.3	230.1	222.1
Raw materials	27.8	100.9	128.5	114.9	106.5	124.9	153.4	138.4	140.3
Fuels	17.0	280.2	215.7	195.7	183.5	179.8	193.3	231.0	235.7
Manufactures	82.8	483.3	1,281.7	1,409.2	1,347.7	1,548.5	1,816.2	1,882.4	1,948.7
Other	2.7	13.0	38.7	40.4	48.5	48.0	56.3	69.8	86.4
<b>United States</b>	40.0	250.3	516.4	551.6	601.1	687.1	768.7	814.9	895.0
Foodstuffs	6.4	20.6	30.0	31.6	32.1	34.6	36.7	40.2	44.7
Raw materials	4.7	17.5	22.8	21.5	23.3	28.2	33.5	33.0	34.7
Fuels	3.1	82.2	68.5	58.6	59.2	60.0	63.0	77.0	82.5
Manufactures	24.5	125.8	378.9	422.1	467.8	542.6	611.4	637.8	703.3
Other	1.3	4.2	16.3	17.8	18.8	21.7	24.1	26.9	29.9
<b>Canada</b>	13.3	57.7	115.9	121.9	130.4	147.6	163.8	170.3	195.0
Foodstuffs	1.2	4.3	7.1	7.7	8.2	8.9	9.3	9.9	10.8
Raw materials	0.7	3.6	3.8	3.8	4.0	4.7	5.9	5.5	6.0
Fuels	0.7	7.1	7.3	5.4	5.3	5.2	5.9	7.4	8.8
Manufactures	10.5	41.7	94.6	101.1	109.3	124.7	138.1	141.6	164.0
Other	0.2	0.9	3.1	3.9	3.7	4.1	4.5	5.9	5.4
<b>Japan</b>	18.9	139.9	231.2	231.0	238.7	272.3	332.8	347.5	337.5
Foodstuffs	3.2	16.8	33.9	39.7	41.7	49.3	53.8	54.0	49.5
Raw materials	7.2	26.1	36.5	30.6	31.6	33.7	40.9	36.0	35.7
Fuels	3.9	70.0	56.8	52.7	49.1	47.8	53.5	60.6	62.4
Manufactures	4.5	26.0	101.5	104.7	113.1	137.5	180.3	192.2	185.4
Other	0.1	0.9	2.6	3.3	3.1	3.9	4.3	4.7	4.5
<b>Germany</b>	29.8	185.9	341.1	407.0	341.1	380.3	441.9	457.3	434.9
Foodstuffs	5.5	22.7	34.4	41.8	33.1	39.0	43.6	45.1	39.3
Raw materials	5.1	17.8	22.7	22.4	16.6	21.2	26.2	22.2	22.3
Fuels	2.6	41.9	28.1	30.2	27.1	26.6	28.3	34.9	33.1
Manufactures	15.7	98.8	248.4	305.0	246.9	281.2	327.9	331.3	299.4
Other	0.8	4.6	6.8	7.6	16.4	12.3	15.8	23.9	40.7

**Table 42 (Continued)**  
**Big Seven: Imports, by Commodity**<sup>a</sup>

*Billion US\$*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
France	18.9	134.3	232.5	238.3	200.3	227.6	272.6	274.1	266.2
Foodstuffs	2.8	13.8	22.7	25.1	22.4	25.4	29.3	28.5	26.6
Raw materials	2.7	10.7	12.7	11.0	8.3	10.5	13.8	11.8	12.0
Fuels	2.3	35.7	22.3	20.5	17.8	17.5	18.5	22.8	21.8
Manufactures	11.2	73.5	174.6	181.4	151.7	174.1	210.8	210.9	205.6
Other	0.0	0.5	0.2	0.2	0.1	0.1	0.1	0.2	0.2
United Kingdom	21.7	117.9	224.8	221.7	211.7	224.3	262.4	283.7	318.0
Foodstuffs	5.3	15.6	23.1	24.8	22.8	23.0	26.3	28.5	28.7
Raw materials	4.3	12.4	13.1	10.5	10.2	10.7	13.0	12.7	12.5
Fuels	2.3	15.9	14.0	12.3	11.4	9.1	9.3	11.0	10.7
Manufactures	9.6	72.5	169.1	169.8	164.9	179.4	211.1	229.0	248.9
Other	0.3	1.5	5.4	3.0	2.0	1.5	2.3	2.5	17.2
Italy	14.9	98.1	176.2	184.5	144.0	163.8	199.8	204.1	203.9
Foodstuffs	2.8	12.9	21.6	23.7	19.3	20.9	23.1	24.1	22.5
Raw materials	3.1	12.6	16.9	15.1	12.4	16.0	20.0	17.2	17.1
Fuels	2.1	27.3	18.8	15.9	13.7	13.6	14.9	17.4	16.4
Manufactures	6.9	44.9	114.6	125.1	94.1	109.1	136.6	139.6	142.1
Other	0.0	0.3	4.4	4.6	4.5	4.3	5.2	5.8	5.8

<sup>a</sup>Data are from the United Nations trade tapes except for the United Kingdom for 1997.

**Table 43**  
**United States: Exports to Other North America <sup>a</sup>**

*Billion US \$*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
Total	10.8	48.7	110.7	130.0	140.9	164.5	171.9	188.7	220.6
Foodstuffs	1.0	4.5	7.1	9.0	9.2	10.5	9.7	11.8	12.1
Raw materials	0.5	2.7	4.2	4.5	4.6	5.5	6.4	5.9	6.9
Fuels	0.4	2.3	3.0	2.6	2.3	2.3	2.6	3.4	4.4
Manufactures	8.5	37.9	91.5	108.6	119.2	140.1	147.1	160.3	189.6
Other	0.4	1.3	4.9	5.3	5.6	6.1	6.1	7.3	7.6

<sup>a</sup>Canada and Mexico.

**Table 44**  
**United States: Exports to Japan**

*Billion US \$*

	1980	1985	1990	1992	1993	1994	1995	1996	1997
Total	20.7	22.2	48.6	47.6	47.9	53.4	64.0	67.4	65.6
Foodstuffs	5.7	5.5	10.1	11.4	11.4	12.1	13.8	14.2	12.9
Raw materials	4.7	3.2	7.1	5.4	5.3	5.3	6.1	5.2	4.1
Fuels	1.7	1.8	1.4	1.2	1.1	0.8	1.0	1.2	1.0
Manufactures	8.3	11.3	29.0	28.6	28.8	33.8	41.8	45.2	46.2
Other	0.3	0.4	1.0	1.0	1.3	1.4	1.3	1.6	1.4

**Table 45**  
**United States: Exports to Western Europe <sup>a</sup>**

*Billion US \$*

	1980	1985	1990	1992	1993	1994	1995	1996	1997
Total	64.6	54.9	110.5	114.5	106.1	114.1	130.9	136.0	151.2
Foodstuffs	12.1	6.8	9.1	9.5	8.9	9.6	11.1	11.3	11.0
Raw materials	7.3	3.6	5.7	5.1	4.1	4.6	6.8	5.5	6.1
Fuels	2.6	3.2	4.0	3.3	2.3	2.0	2.6	2.8	2.6
Manufactures	41.8	39.9	87.1	91.8	86.5	93.3	105.1	110.9	126.1
Other	0.8	1.4	4.6	4.8	4.3	4.6	5.3	5.5	5.4

<sup>a</sup>EU, Iceland, Norway, Switzerland, Turkey, Malta, and Cyprus.

**Table 46**  
**United States: Exports to Latin America <sup>a</sup>**

*Billion US \$*

	1980	1985	1990	1992	1993	1994	1995	1996	1997
Total	23.5	17.0	25.7	35.1	36.8	41.7	50.0	52.1	62.4
Foodstuffs	3.8	2.8	2.6	3.0	3.3	3.5	4.4	4.9	4.9
Raw materials	0.7	0.6	0.8	0.8	1.0	1.1	1.5	1.4	1.6
Fuels	0.5	1.3	1.5	1.6	1.4	1.5	1.6	1.9	2.1
Manufactures	18.0	11.6	19.5	28.1	29.5	33.9	40.5	41.9	51.4
Other	0.5	0.7	1.3	1.6	1.6	1.7	2.0	2.0	2.4

<sup>a</sup>Excluding Cuba and Mexico. Including the Caribbean, Central America, and South America.

**Table 47**  
**United States: Exports to East Asian Rim and Oceania <sup>a</sup>**

*Billion US \$*

	1980	1985	1990	1992	1993	1994	1995	1996	1997
Total	24.8	26.6	60.8	72.0	78.0	88.4	109.9	115.0	122.2
Foodstuffs	3.5	3.2	5.4	5.9	6.1	6.9	9.5	10.8	9.5
Raw materials	2.7	2.4	5.4	4.8	4.6	5.2	7.2	5.6	5.3
Fuels	0.4	1.1	1.6	1.6	1.7	1.6	1.5	1.7	1.3
Manufactures	17.9	19.5	46.1	56.9	62.7	71.4	88.3	93.2	102.4
Other	0.3	0.4	2.3	2.8	2.9	3.3	3.4	3.7	3.7

<sup>a</sup>Australia, Brunei, Hong Kong, Indonesia, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan, and Thailand.

**Table 48**  
**United States: Trade with China <sup>a</sup>**

*Billions US \$*

	1982	1985	1990	1992	1993	1994	1995	1996	1997
US exports	2.9	3.9	4.8	7.4	8.8	9.3	11.7	12.0	12.8
US imports	2.5	4.2	16.3	27.5	33.7	41.4	48.5	54.4	65.8
US balance	0.4	-0.3	-11.5	-20.1	-24.9	-32.1	-36.8	-42.4	-53.0

<sup>a</sup>Exports are f.a.s. and imports are c.i.f.

**Table 49**  
**United States: Imports From China, 1997**

	Million US \$	Share of Total ( <i>Percent</i> )	Change from previous year ( <i>Percent</i> )
Total US Imports	65,832	100	21
Of which:			
Toys; sporting goods	10,471	16	23
Clothing	7,675	12	17
Footwear	7,613	12	16
Other manufactured goods	7,173	11	14
Computers	2,500	4	45
Telecommunications equipment	2,154	3	11
Office machines	2,137	3	36
Electric power machinery	2,038	3	37
Radio receivers	1,996	3	23

**Table 50**  
**United States: Exports to China, 1997**

	Million US \$	Share of Total ( <i>Percent</i> )	Change from previous year ( <i>Percent</i> )
Total US Exports	12,805	100	7
Of which:			
Aircraft	2,120	17	26
Fertilizer	1,050	8	18
Telecommunications equipment	628	5	-2
Cotton	581	5	-20
Oil seeds; nuts	419	3	-1
Plastic materials	376	3	8
Electric power machinery	376	3	66
Other industrial machinery	293	2	-14

**Table 51**  
**United States Exports to South Asia <sup>a</sup>**

*Billion US \$*

	1980	1985	1990	1992	1993	1994	1995	1996	1997
Total	2.7	2.8	4.0	3.2	4.0	3.5	4.9	5.1	5.3
Foodstuffs	0.7	0.5	0.6	0.6	0.5	0.5	0.8	0.6	0.6
Raw materials	0.2	0.2	0.5	0.3	0.2	0.3	0.6	0.3	0.3
Fuels	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1
Manufactures	1.7	2.0	2.4	2.1	3.1	2.5	3.3	3.9	4.1
Other	0.1	0.1	0.4	0.1	0.1	0.2	0.1	0.2	0.2

<sup>a</sup>South Asia includes Afghanistan, Bangladesh, Bhutan, Burma, India, Maldives, Nepal, Pakistan, and Sri Lanka.

**Table 52**  
**Japan: Exports to North America <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1992	1993	1994	1995	1996	1997
Total	40.4	71.6	99.9	107.4	116.6	128.8	131.4	121.8	128.4
Foodstuffs	0.3	0.5	0.3	0.4	0.4	0.4	0.4	0.3	0.4
Raw materials	0.1	0.1	0.3	0.2	0.3	0.3	0.3	0.3	0.4
Fuels	NEGL	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3
Manufactures	39.6	70.2	97.6	104.6	113.5	125.1	127.2	117.5	123.2
Other	0.4	0.7	1.6	2.0	2.2	2.8	3.3	3.5	4.1

<sup>a</sup>Canada, Mexico, and United States.

**Table 53**  
**Japan: Exports to Western Europe <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1992	1993	1994	1995	1996	1997
Total	21.8	25.5	63.5	72.4	65.4	65.8	74.8	67.5	71.2
Foodstuffs	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Raw materials	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.4
Fuels	0.1	NEGL	NEGL	0.1	0.1	0.1	0.1	0.1	0.1
Manufactures	21.2	25.0	61.9	70.7	63.7	63.8	72.8	65.4	68.7
Other	0.1	0.2	1.1	1.1	1.3	1.5	1.5	1.6	1.9

<sup>a</sup>EU, Iceland, Norway, Switzerland, Turkey, Malta, and Cyprus.

**Table 54**  
**Japan: Exports to Latin America <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1992	1993	1994	1995	1996	1997
Total	7.7	6.5	7.4	11.2	11.9	13.4	14.9	13.0	15.9
Foodstuffs	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL
Raw materials	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL
Fuels	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL
Manufactures	7.6	6.4	7.3	11.1	11.8	13.3	14.7	12.8	15.7
Other	NEGL	NEGL	0.1	0	0.1	0.1	0.2	0.1	0.2

<sup>a</sup>Excluding Cuba and Mexico. Including the Caribbean, Central America, and South America.

**Table 55**  
**Japan: Exports to East Asian Rim and Oceania <sup>a</sup>**

*Billion US \$*

	1980	1985	1990	1992	1993	1994	1995	1996	1997
Total	30.3	36.4	86.9	108.4	121.9	144.1	174.0	161.2	158.1
Foodstuffs	0.5	0.5	0.9	1.1	1.2	1.3	1.4	1.3	1.4
Raw materials	0.8	0.6	1.3	1.6	1.6	1.9	2.3	2.3	2.3
Fuels	0.2	0.2	1.0	1.1	1.4	1.7	1.9	1.2	0.9
Manufactures	28.4	34.6	82.2	102.9	115.8	136.5	164.8	152.4	149.2
Other	0.4	0.5	1.5	1.7	1.9	2.7	3.6	4.0	4.3

<sup>a</sup>Australia, Brunei, Hong Kong, Indonesia, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan, and Thailand.

**Table 56**  
**Japan: Exports to South Asia <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1992	1993	1994	1995	1996	1997
Total	3.0	3.3	3.7	3.6	3.9	3.9	4.9	4.8	4.1
Foodstuffs	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL
Raw materials	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Fuels	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL
Manufactures	2.8	3.2	3.5	3.5	3.7	3.7	4.6	4.5	3.9
Other	NEGL	NEGL	0.1	NEGL	0.1	0.1	0.1	0.2	0.1

<sup>a</sup>South Asia includes Afghanistan, Bangladesh, Bhutan, Burma, India, Maldives, Nepal, Pakistan, and Sri Lanka.

**Table 57**  
**European Union: Exports to North America <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1991	1992	1993	1994	1995	1996
Total	53.8	80.9	122.2	113.3	121.5	123.8	141.7	153.2	163.1
Foodstuffs	4.0	5.3	7.5	6.9	7.5	7.1	7.6	7.8	8.7
Raw materials	1.4	1.5	2.0	1.9	1.9	1.9	2.1	2.1	2.1
Fuels	6.5	5.8	5.9	4.1	4.5	5.1	6.1	4.8	5.7
Manufactures	40.4	64.6	103.5	98.7	105.9	107.9	123.8	135.4	144.5
Other	1.5	3.7	3.3	1.7	1.8	1.8	2.1	3.0	2.1

<sup>a</sup>Canada, Mexico, and the United States.

**Table 58**  
**European Union: Exports to Japan**

*Billion US \$*

	1982	1985	1990	1991	1992	1993	1994	1995	1996
Total	7.0	8.7	30.7	29.3	28.4	28.5	34.0	42.5	44.6
Foodstuffs	0.9	1.1	2.9	3.0	3.1	3.0	3.4	3.8	4.0
Raw materials	0.4	0.5	1.1	1.1	0.9	1.0	1.2	1.3	1.3
Fuels	NEGL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Manufactures	5.5	6.7	26.4	24.7	23.8	24.3	28.9	36.6	38.7
Other	0.2	0.3	0.2	0.4	0.5	0.1	0.4	0.7	0.5

**Table 59**  
**European Union: Exports to Other West European Countries <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1991	1992	1993	1994	1995	1996
Total	37.6	41.6	87.6	84.7	87.6	84.5	89.6	112.3	116.3
Foodstuffs	2.2	2.3	4.8	4.5	4.7	4.5	4.8	5.9	6.0
Raw materials	1.7	1.7	3.2	2.9	2.8	3.1	3.2	4.1	4.0
Fuels	3.0	2.8	3.8	4.1	3.8	3.4	3.8	4.3	4.8
Manufactures	29.4	33.1	73.6	70.3	74.0	71.4	75.5	94.0	98.6
Other	1.3	1.7	2.2	2.9	2.3	2.1	2.3	4.0	2.9

<sup>a</sup>Iceland, Norway, Switzerland, Turkey, Malta, and Cyprus.

**Table 60**  
**European Union: Exports to Latin America <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1991	1992	1993	1994	1995	1996
Total	15.6	12.6	21.6	22.9	26.2	29.3	33.3	44.6	40.9
Foodstuffs	1.4	1.1	1.9	2.2	2.3	2.3	2.8	3.6	2.6
Raw materials	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5
Fuels	0.3	0.2	0.3	0.3	0.3	0.5	0.5	0.9	0.8
Manufactures	13.1	10.3	18.1	19.5	22.6	25.5	29.1	38.4	36.1
Other	0.6	0.8	1.0	0.6	0.7	0.6	0.5	1.3	0.9

<sup>a</sup>Excluding Cuba and Mexico. Including the Caribbean, Central America, and South America.

**Table 61**  
**European Union: Exports to East Asian Rim and Oceania <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1991	1992	1993	1994	1995	1996
Total	21.4	23.3	56.4	58.5	65.7	73.0	88.6	112.3	118.4
Foodstuffs	1.1	1.2	3.0	3.3	3.8	3.8	4.6	5.7	5.8
Raw materials	0.4	0.5	1.2	1.6	1.5	2.1	2.3	2.7	2.7
Fuels	0.1	0.1	0.4	0.2	0.4	0.8	0.7	0.7	0.5
Manufactures	18.6	20.2	49.4	51.3	57.9	64.0	77.8	98.3	106.0
Other	1.2	1.3	2.4	2.1	2.1	2.3	1.2	4.9	3.4

<sup>a</sup>Australia, Brunei, Hong Kong, Indonesia, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan, and Thailand.

**Table 62**  
**European Union: Exports to South Asia <sup>a</sup>**

*Billion US \$*

	1982	1985	1990	1991	1992	1993	1994	1995	1996
Total	6.4	6.8	11.2	10.2	10.7	11.4	12.9	16.8	17.0
Foodstuffs	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.3
Raw materials	0.2	0.2	0.4	0.3	0.4	0.4	0.4	0.5	0.5
Fuels	0.1	0.1	0.2	0.2	0.4	0.4	0.2	0.2	0.5
Manufactures	5.3	5.7	9.4	9.0	9.1	9.9	11.5	15.0	15.1
Other	0.4	0.4	0.3	0.1	0.1	0.1	0.2	0.3	0.2

<sup>a</sup>South Asia includes Afghanistan, Bangladesh, Bhutan, Burma, India, Maldives, Nepal, Pakistan, and Sri Lanka.

**Table 63**  
**Newly Industrializing Economies:<sup>a</sup>**  
**Exports to North America<sup>b</sup>**

*Billion US \$*

	1983	1985	1990	1991	1992	1993	1994	1995	1996
Total	43.8	50.9	106.2	109.3	137.5	149.8	170.7	196.8	211.0
Foodstuffs	4.6	4.5	5.8	5.6	5.5	5.9	6.4	7.5	7.6
Raw materials	1.6	1.5	2.4	2.2	2.5	2.5	3.1	4.2	3.8
Fuels	10.4	9.6	6.5	5.3	5.6	5.6	6.1	6.7	9.4
Manufactures	27.1	35.2	91.2	96.0	123.6	135.3	154.7	177.9	189.7
Other	0.1	0.1	0.3	0.2	0.3	0.5	0.4	0.5	0.5

<sup>a</sup>Brazil, Taiwan beginning in 1990, Hong Kong, Mexico, Singapore, and South Korea.

<sup>b</sup>Canada, Mexico, and the United States.

**Table 64**  
**Newly Industrializing Economies:<sup>a</sup>**  
**Exports to Japan**

*Billion US \$*

	1983	1985	1990	1991	1992	1993	1994	1995	1996
Total	9.6	11.1	34.0	35.9	34.8	36.0	42.5	54.0	55.7
Foodstuffs	1.3	1.5	4.9	5.7	5.8	5.7	6.0	6.4	6.5
Raw materials	1.7	1.3	3.0	3.0	2.7	2.5	2.8	3.4	2.9
Fuels	2.9	3.4	3.3	3.0	2.1	1.6	1.7	2.2	3.3
Manufactures	3.6	4.8	22.6	24.0	24.1	26.0	31.9	41.7	42.7
Other	0.3	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.3

<sup>a</sup>Brazil, Taiwan beginning in 1990, Hong Kong, Mexico, Singapore, and South Korea.

**Table 65***Billion US \$***Newly Industrializing Economies: <sup>a</sup>  
Exports to West European Countries**

	1983	1985	1990	1991	1992	1993	1994	1995	1996
Total	22.9	23.5	62.7	69.1	72.6	72.8	79.2	95.9	97.1
Foodstuffs	5.8	5.1	5.2	5.1	5.6	5.5	7.3	7.0	7.5
Raw materials	2.1	2.0	3.2	3.2	3.4	2.9	3.0	3.7	3.5
Fuels	3.6	3.7	2.6	2.2	2.1	1.6	1.5	0.8	1.0
Manufactures	11.1	12.4	51.4	58.3	61.2	62.3	67.1	83.4	84.3
Other	0.3	0.3	0.3	0.3	0.3	0.5	0.3	1.0	0.8

<sup>a</sup>Brazil, Taiwan beginning in 1990, Hong Kong, Mexico, Singapore, and South Korea.**Table 66***Billion US \$***Newly Industrializing Economies: <sup>a</sup>  
Exports to Latin America <sup>b</sup>**

	1983	1985	1990	1991	1992	1993	1994	1995	1996
Total	5.1	5.3	9.2	12.5	18.4	21.3	24.4	29.3	32.4
Foodstuffs	0.3	0.3	0.3	0.4	0.7	0.9	1.1	1.3	1.5
Raw materials	0.4	0.3	0.5	0.5	0.5	0.6	0.5	0.7	0.6
Fuels	1.5	0.9	0.8	0.9	1.1	1.2	1.0	0.6	1.0
Manufactures	2.8	3.6	7.5	10.7	16.0	18.6	21.7	26.1	28.7
Other	0.1	0.2	0.1	0	0.1	0	0.1	0.6	0.6

<sup>a</sup>Brazil, Taiwan beginning in 1990, Hong Kong, Mexico, Singapore, and South Korea.<sup>b</sup>Excluding Cuba and Mexico. Including the Caribbean, Central America, and South America.

**Table 67***Billion US \$***Newly Industrializing Economies: <sup>a</sup>  
Exports to East Asia Rim and Oceania <sup>b</sup>**

	1983	1985	1990	1991	1992	1993	1994	1995	1996
Total	15.3	15.3	61.9	75.1	84.1	96.6	122.0	152.4	156.9
Foodstuffs	1.1	1.0	2.3	2.7	2.9	3.5	4.6	4.8	4.6
Raw materials	0.7	0.7	2.6	3.0	2.7	2.8	3.2	4.5	3.9
Fuels	3.7	3.1	5.4	6.1	5.6	5.9	5.9	6.1	7.7
Manufactures	9.4	10.2	51.0	62.6	72.2	83.7	107.4	136.0	139.3
Other	0.4	0.3	0.6	0.7	0.7	0.7	0.9	1.0	1.4

<sup>a</sup>Brazil, Taiwan beginning in 1990, Hong Kong, Mexico, Singapore, and South Korea.<sup>b</sup>Australia, Brunei, Hong Kong, Indonesia, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan, and Thailand.**Table 68***Billion US \$***Newly Industrializing Economies: <sup>a</sup>  
Exports to South Asia <sup>b</sup>**

	1983	1985	1990	1991	1992	1993	1994	1995	1996
Total	2.6	2.9	5.3	5.5	5.8	7.6	8.7	10.3	10.4
Foodstuffs	0.3	0.6	0.5	0.3	0.4	0.4	0.9	0.8	0.6
Raw materials	0.1	0.2	0.3	0.3	0.3	0.3	0.5	0.8	0.6
Fuels	0.4	0.4	0.5	0.8	0.6	0.5	0.6	0.5	0.7
Manufactures	1.7	1.7	3.9	4.1	4.5	6.3	6.5	8.0	8.4
Other	0.1	NEGL	0.1	NEGL	NEGL	0.1	0.2	0.2	0.1

<sup>a</sup>Brazil, Taiwan beginning in 1990, Hong Kong, Mexico, Singapore, and South Korea.<sup>b</sup>South Asia includes Afghanistan, Bangladesh, Bhutan, Burma, India, Maldives, Nepal, Pakistan, and Sri Lanka.

**Table 69**  
**Newly Industrializing Economies: <sup>a</sup>**  
**Trade with the Big Seven**

*Billion US \$*

	1970	1980	1990	1992	1993	1994	1995	1996	1997
<b>NIEs</b>									
Exports	6.4	60.6	177.7	215.7	230.0	261.2	311.0	328.7	345.7
Imports	9.4	69.1	172.6	238.1	257.7	303.9	355.5	380.8	401.7
Balance	-3.0	-8.5	5.1	-22.4	-27.7	-42.7	-44.5	-52.1	-56.0
<b>Brazil</b>									
Exports	1.6	8.8	15.9	15.6	15.9	17.9	18.6	18.7	19.7
Imports	1.9	10.3	10.5	10.4	13.8	17.1	24.8	28.7	34.3
Balance	-0.3	-1.5	5.4	5.2	2.1	0.8	-6.2	-10.0	-14.6
<b>Taiwan</b>									
Exports	1.0	12.7	38.9	42.5	41.7	43.7	50.0	51.4	53.0
Imports	1.3	10.7	35.4	46.8	49.2	53.6	63.6	61.7	67.7
Balance	-0.3	2.0	3.5	-4.3	-7.5	-9.9	-13.6	-10.3	-14.7
<b>Hong Kong</b>									
Exports	1.6	10.2	36.9	50.1	55.5	61.6	68.6	70.9	73.8
Imports	1.5	10.2	26.5	39.8	44.1	49.6	60.1	59.9	62.7
Balance	0.1	NEGL	10.4	10.3	11.4	12.0	8.5	11.0	11.1
<b>Mexico</b>									
Exports	1.0	13.0	24.0	44.8	51.2	61.2	78.2	94.6	110.0
Imports	2.0	15.5	27.4	59.1	62.0	75.6	70.3	87.1	105.4
Balance	-1.0	-2.5	-3.4	-14.3	-10.8	-14.4	7.9	7.5	4.6
<b>Singapore</b>									
Exports	0.5	5.9	21.7	24.8	27.9	33.5	41.2	44.1	41.7
Imports	1.1	10.0	28.9	34.9	40.7	48.4	57.8	60.4	59.4
Balance	-0.6	-4.1	-7.2	-10.1	-12.8	-14.9	-16.6	-16.3	-17.7
<b>South Korea</b>									
Exports	0.7	10.0	40.3	37.9	37.8	43.3	54.4	49.0	47.5
Imports	1.6	12.4	43.9	47.1	47.9	59.6	78.9	83.0	72.2
Balance	-0.9	-2.4	-3.6	-9.2	-10.1	-16.3	-24.5	-34.0	-24.7

<sup>a</sup>Brazil, Taiwan beginning in 1990, Hong Kong, Mexico, Singapore, and South Korea.

**Table 70**  
**Newly Industrializing Economies: <sup>a</sup>**  
**Trade with the United States**

*Billion US \$*

	1980	1985	1990	1992	1993	1994	1995	1996	1997
<b>NIEs</b>									
Exports	34.2	64.4	100.5	131.1	143.4	164.6	192.4	208.5	228.3
Imports	31.9	30.7	72.3	108.9	116.8	136.5	154.8	178.2	196.2
Balance	4.3	33.7	28.2	22.2	26.6	28.1	37.6	30.3	32.1
<b>Brazil</b>									
Exports	3.5	7.0	7.7	7.1	8.0	9.0	8.8	9.3	9.4
Imports	4.6	2.8	4.5	5.0	6.6	6.8	10.5	13.0	15.8
Balance	-1.1	4.2	3.2	2.1	1.4	2.2	-1.7	-3.7	-6.4
<b>Taiwan</b>									
Exports	7.4	17.8	21.7	23.7	23.6	24.6	26.8	27.2	30.1
Imports	4.3	4.7	12.6	15.9	16.8	18.2	20.9	20.2	23.3
Balance	3.1	13.1	9.1	7.8	6.8	6.4	5.9	7.0	6.8
<b>Hong Kong</b>									
Exports	5.2	9.3	19.8	27.6	31.2	35.2	37.9	38.4	40.9
Imports	2.7	2.8	6.7	9.1	10.3	11.6	14.9	15.7	16.2
Balance	2.5	6.5	13.1	18.5	20.9	23.6	23.0	22.7	24.7
<b>Mexico</b>									
Exports	11.1	14.7	20.7	41.2	47.4	57.1	73.1	88.7	104.0
Imports	12.0	9.8	21.8	48.7	51.2	62.7	59.4	74.4	90.4
Balance	-0.9	4.9	-1.1	-7.5	-3.8	-5.6	13.7	14.3	13.6
<b>Singapore</b>									
Exports	2.4	4.8	11.2	13.4	15.1	18.1	21.6	23.1	22.4
Imports	3.4	4.0	9.8	11.9	14.0	15.6	18.7	21.6	21.9
Balance	-1.0	0.8	1.4	1.5	1.1	2.5	2.9	1.5	0.5
<b>South Korea</b>									
Exports	4.6	10.8	19.4	18.1	18.1	20.6	24.2	21.8	21.5
Imports	4.9	6.6	16.9	18.3	17.9	21.6	30.4	33.3	28.6
Balance	-0.3	4.2	2.5	-0.2	0.2	-1.0	-6.2	-11.5	-7.1

<sup>a</sup>Brazil, Taiwan beginning in 1990, Hong Kong, Mexico, Singapore, and South Korea.

**Table 71**  
**China: Exports<sup>a</sup>**

*Billion US \$*

	1985	1990	1991	1992	1993	1994	1995	1996	1997
<b>Total</b>	<b>25.6</b>	<b>62.1</b>	<b>71.8</b>	<b>84.9</b>	<b>91.7</b>	<b>121.0</b>	<b>148.8</b>	<b>151.0</b>	<b>182.8</b>
Food and live animals	3.6	6.7	7.4	8.3	8.4	10.0	9.9	10.2	11.1
Meat and meat preparations	0.4	0.8	0.9	0.6	0.7	0.9	1.4	1.4	1.3
Fish and shellfish	0.3	1.4	1.2	1.6	1.5	2.3	2.9	2.9	2.9
Cereals and cereal preparations	1.0	0.6	1.2	1.6	1.6	1.7	0.4	0.6	1.6
Vegetables and fruit	0.8	1.8	1.9	2.1	2.2	2.9	3.4	3.2	3.1
Coffee, tea, and spices	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Animal feedstuffs	0.2	0.8	0.9	0.5	0.5	0.5	0.4	0.4	0.3
Crude materials, excluding fuel	2.5	3.5	3.5	3.1	3.0	4.1	4.3	4.0	4.2
Oilseeds, oil nuts, and oil kernels	0.4	0.6	0.7	0.5	0.4	0.7	0.5	0.5	0.3
Textile fibers	1.1	1.1	1.1	0.9	0.8	1.1	0.7	0.7	0.8
Crude fertilizers and minerals	0.3	0.5	0.5	0.6	0.6	0.7	1.0	1.0	1.1
Crude animal and vegetable materials	0.4	0.8	0.7	0.8	0.7	1.1	1.3	1.2	1.3
Mineral fuels, and lubricants	6.6	5.2	4.8	4.7	4.1	4.1	5.3	5.9	7.0
Coal, coke, and briquettes	0.3	0.8	0.8	0.8	0.9	1.1	1.7	1.7	1.9
Petroleum and petroleum products	6.3	4.5	3.9	3.8	3.2	2.8	3.2	3.9	4.3
Chemicals	1.3	3.8	3.8	4.3	4.6	6.2	8.9	8.8	10.1
Organic chemicals	0.3	0.8	0.9	1.0	1.1	1.6	2.3	2.3	2.6
Inorganic chemicals	0.3	0.8	0.9	1.0	1.1	1.3	2.2	2.1	2.4
Medicine and pharmaceuticals	0.3	0.6	0.8	0.9	0.9	1.2	1.6	1.5	1.5
Manufactured goods	4.2	12.8	14.7	16.4	16.8	23.8	32.8	29.2	35.2
Textile yarn and fabrics	3.1	7.2	8.0	8.7	8.8	11.9	14.1	12.3	14.0
Nonmetallic mineral manufactures	0.2	1.3	1.7	1.7	1.6	2.5	3.4	3.3	4.0
Iron and steel	0.1	1.3	1.7	1.4	1.2	1.9	5.5	4.1	5.0
Manufactures of metal	0.4	1.4	1.7	2.3	2.6	3.5	4.5	4.5	5.7
Machinery and transport equipment	0.7	10.8	13.9	13.2	15.2	21.8	31.3	35.2	43.6
Telecommunications and sound recording equipment	0.1	2.6	3.0	3.9	4.5	6.7	8.4	9.0	10.3
Electric machinery and parts	0.1	1.2	1.7	3.6	4.4	6.4	9.6	10.3	13.0
Miscellaneous manufactured articles	3.3	17.5	22.3	33.6	38.1	49.2	53.7	55.7	69.6
Clothing	1.9	9.7	12.2	16.7	18.5	23.8	24.1	25.1	31.9
Footwear	0.2	2.0	2.9	4.1	5.1	5.7	6.3	6.7	8.1
Miscellaneous articles, unspecified	0.8	3.7	4.5	7.9	8.8	11.9	13.8	14.2	17.6
Other	3.4	1.7	1.4	1.3	1.5	1.9	2.4	1.9	2.1

<sup>a</sup>Data are f.o.b., source UN revision 2 commodity statistics.

**Table 72**  
**China: Imports<sup>a</sup>**

*Billion US\$*

	1985	1990	1991	1992	1993	1994	1995	1996	1997
<b>Total</b>	<b>39.8</b>	<b>53.3</b>	<b>63.8</b>	<b>80.6</b>	<b>104.0</b>	<b>115.6</b>	<b>132.1</b>	<b>138.8</b>	<b>142.4</b>
Food and live animals	1.4	3.5	3.0	3.2	2.2	3.1	6.1	5.6	4.3
Cereals and cereal preparations	0.9	2.4	1.6	1.7	1.0	1.3	3.6	2.6	0.9
Crude materials, excluding fuel	3.0	4.1	5.0	5.5	5.2	7.2	9.9	10.4	11.7
Cork and wood	0.8	0.5	0.5	0.6	0.6	0.6	0.5	0.7	1.0
Textile fibers	1.0	1.8	2.2	2.0	1.4	2.8	3.8	3.5	3.7
Metal ores and scrap	0.5	1.0	1.2	1.7	2.1	2.2	3.1	3.1	3.4
Mineral fuels, lubricants	0.2	1.3	2.1	3.6	5.9	4.1	5.2	6.9	10.4
Petroleum and petroleum products	0	1.1	1.8	3.2	5.4	3.6	4.6	6.0	9.4
Animal and vegetable oils and fats	0.1	1.0	0.7	0.5	0.5	1.8	2.6	1.7	1.7
Fixed vegetable oils and fats	0.1	0.9	0.7	0.5	0.5	1.7	2.4	1.6	1.6
Chemicals	4.2	6.7	9.3	11.1	9.6	12.0	16.8	17.9	19.0
Organic chemicals	0.6	1.1	1.9	1.7	1.6	2.0	3.2	3.1	3.0
Manufactured fertilizers	1.4	2.6	3.2	3.0	1.5	1.9	3.7	3.5	3.0
Resins and plastics	1.3	1.5	2.4	4.2	4.3	5.4	7.1	7.9	9.2
Manufactured goods	11.1	11.6	13.8	19.9	29.2	28.7	29.1	32.1	32.9
Paper and paperboard	0.4	0.7	1.0	1.6	1.6	2.0	2.2	2.8	3.3
Textile yarn and fabrics	1.5	5.4	7.0	7.8	7.8	9.5	11.2	12.2	12.5
Nonmetallic mineral manufactures	0.3	0.5	0.4	0.7	0.9	1.1	1.2	1.3	1.4
Iron and steel	6.7	2.9	2.7	4.5	12.8	9.5	6.6	7.3	6.7
Nonferrous metals	1.5	0.6	0.8	2.1	1.9	1.7	2.7	3.0	3.2
Metal manufactures	0.3	0.5	0.5	0.9	1.3	1.5	1.7	1.8	1.9
Machinery and transport equipment	15.5	21.5	25.7	30.7	44.5	51.4	52.4	54.7	52.7
Power generating machinery	0.3	1.7	1.6	2.3	2.5	3.2	3.1	3.2	3.7
Specialized machinery	4.9	5.9	7.2	8.3	13.2	12.7	13.2	14.2	9.7
Telecommunications and sound recording equipment	2.4	2.5	2.8	3.4	5.5	6.8	7.6	5.8	6.0
Electrical machinery and parts	1.2	2.1	2.6	4.9	5.9	7.7	9.7	11.3	14.1
Road vehicles	3.1	4.3	5.9	3.5	5.3	4.8	2.7	2.2	1.9
Other transport equipment	1.4	1.7	1.6	2.5	3.2	4.8	2.6	3.1	3.7
Miscellaneous manufactured articles	1.8	3.3	3.8	5.2	5.9	6.5	7.9	8.2	8.4
Scientific instruments	0.8	0.8	0.9	1.3	1.6	1.7	2.2	2.3	2.3
Miscellaneous articles, unspecified	0.5	1.5	1.7	1.9	2.0	2.2	2.6	2.9	3.0
Other	2.5	0.4	0.4	0.8	1.0	0.8	2.0	1.3	1.3

<sup>a</sup> Imports are c.i.f., source UN revision 2 commodity statistics.

**Table 73**  
**China: Trade<sup>a</sup>, by Country, 1994-97**

Million US \$

	Exports to China					Imports from China			
	1994	1995	1996	1997		1994	1995	1996	1997
Japan	18,687	21,934	21,827	21,692	United States	41,362	48,521	54,409	65,832
Korea (South)	6,203	9,192	11,486	14,082	Japan	27,569	35,922	40,405	41,827
United States	9,287	11,748	11,978	12,805	Germany	9,478	11,107	11,915	12,362
Germany	6,311	7,465	7,225	6,113	Korea (South)	5,463	7,395	8,533	10,313
Singapore	2,098	2,759	3,394	4,040	France	4,038	5,140	5,928	6,563
Russian	2,838	3,376	4,684	3,948	Singapore	2,885	4,042	4,439	5,505
France	2,160	2,637	2,424	3,428	Canada	3,101	3,722	3,971	4,983
Australia	2,255	2,522	3,332	3,218	Netherlands	1,782	2,211	2,515	4,851
Italy	2,278	2,695	2,874	2,541	Italy	3,123	3,920	4,031	4,429
Indonesia	1,419	1,761	2,057	2,330	United Kingdom	2,534	3,058	3,443	4,090
Malaysia	1,933	1,889	1,882	1,933	Australia	2,722	3,158	3,549	3,853
Thailand	930	1,642	1,868	1,843	Spain	1,794	2,341	2,412	2,888
Canada	1,742	2,522	2,274	1,710	Malaysia	1,363	1,709	1,875	2,281
United Kingdom	1,273	1,299	1,154	1,508	Thailand	1,388	2,096	1,953	2,162
Sweden	1,005	1,156	1,391	1,230	Indonesia	1,215	1,586	1,598	1,989
Oman	376	438	753	1,223	Belgium/Luxembourg	1,200	1,322	1,551	1,919
Brazil	822	1,204	1,114	1,088	Philippines	320	660	653	1,468
Netherlands	652	804	727	975	United Arab Emirates	1,402	1,646	1,870	1,431
Argentina	225	284	607	859	Mexico	472	573	836	1,372
Yemen	23	454	550	767	Brazil	463	1,039	1,242	1,307
Saudi Arabia	120	278	763	750	Russian	952	864	996	1,253
Belgium/Luxembourg	758	905	701	725	Vietnam	144	794	926	1,186
Finland	436	591	560	696	Panama	2	408	6	1,111
Switzerland	626	716	703	647	India	622	811	702	1,083
Peru	313	391	464	617	Switzerland	841	903	974	1,075
India	215	283	542	613	Argentina	217	572	698	1,007
Angola	44	125	222	549	Saudi Arabia	504	771	855	941

<sup>a</sup>IMF direction of trade statistics, partner country data.

**Table 74**  
**Cuba: Exports**

*Millions US\$*

	1990	1991	1992	1993	1994	1995	1996	1997
<b>Total</b>	<b>4,910</b>	<b>3,565</b>	<b>2,085</b>	<b>1,225</b>	<b>1,470</b>	<b>1,635</b>	<b>2,000</b>	<b>1,850</b>
Sugar	3,690	2,670	1,300	820	785	855	1,095	900
Nickel	400	260	235	70	190	345	450	460
Tobacco	95	100	95	75	85	95	100	140
Medical products	130	50	50	20	110	45	55	45
Fish and shellfish	125	115	120	90	110	115	125	120
Citrus	150	100	50	50	80	45	55	60
Other	320	270	235	100	110	135	120	125

**Table 75**  
**Cuba: Imports**

*Millions US\$*

	1990	1991	1992	1993	1994	1995	1996	1997
<b>Total</b>	<b>6,745</b>	<b>3,690</b>	<b>2,235</b>	<b>2,000</b>	<b>2,085</b>	<b>2,845</b>	<b>3,355</b>	<b>3,560</b>
Food and live animals, beverages, tobacco, oil fats	840	720	450	490	430	560	645	625
Crude materials, except fuels	240	140	40	35	25	85	90	80
Mineral fuels, lubricants	1,950	1,240	835	750	750	835	1,060	1,200
Chemical products	390	270	170	160	190	300	275	300
Basic Manufactured machinery and transport equipment	2,380	785	475	315	360	515	640	705
Other	945	535	265	250	330	550	645	650

**Table 76***Billion US \$***Russia: Economic Support, by Category, 1989-98<sup>a</sup>**

	Pledged	Disbursements
<b>Total</b>	<b>165.6</b>	<b>119.8</b>
Food and other humanitarian aid	23.6	19.8
Project/technical aid	40.0	17.5
Nonfood trade credits	29.5	24.5
Hard currency loans	58.0	43.5
Debt rollovers	14.5	14.5

<sup>a</sup>Includes pledges made before, but disbursed during 1989 - 1998.**Table 77***Billion US\$***Russia: Economic Support from the International Community <sup>a</sup>, 1989-98**

	Pledged						Disbursements					
	1994	1995	1996	1997	1998	1989-98	1994	1995	1996	1997	1998	1989-98
<b>Total</b>	<b>4,940</b>	<b>9,380</b>	<b>17,300</b>	<b>5,425</b>	<b>19,645</b>	<b>165,596</b>	<b>8,180</b>	<b>11,805</b>	<b>10,735</b>	<b>7,710</b>	<b>9,910</b>	<b>119,819</b>
Group of Seven	2,350	1,305	4,840	2,190	3,580	93,838	4,510	4,440	5,050	1,760	NA	71,160
Canada	NEGL	NEGL	NA	NEGL	NA	2,334	50	NEGL	NEGL	NEGL	NA	2,240
France	NEGL	NEGL	395	NEGL	NA	3,728	20	160	200	310	NA	2,910
Germany	2,100	60	2,765	1,565	900	55,965	1,500	3,000	3,475	800	NA	52,870
Italy	NEGL	25	NA	NEGL	345	6,165	525	50	50	50	NA	2,885
Japan	NEGL	NA	NA	NEGL	1,500	6,241	350	NEGL	285	NEGL	NA	2,225
United Kingdom	NEGL	NA	NA	NEGL	NA	1,037	50	NEGL	NEGL	NEGL	NA	515
United States	250	1,220	1,680	625	835	18,368	2,015	1,230	1,040	600	NA	7,515
Other EU	NA	NA	NA	NA	NA	4,575	50	175	200	NEGL	NA	2,295
Multilateral	2,590	7,765	12,460	3,235	16,065	55,775	2,280	7,025	5,260	5,705	NA	38,790
Other	NEGL	310	NEGL	NA	NA	11,408	1,340	165	225	245	NA	7,574

<sup>a</sup> Total includes pledges made before, but disbursed during 1989-98.

## Environmental Topics

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**Table 78**  
**OECD Countries: Imports of Tropical Wood, 1996**

Million US \$

	Source				
	Total	Africa	Latin America	Far East	Oceania
OECD	7,153.4	1,364.6	1,431.7	2,910.5	1,446.6
United States	822.7	22.0	594.3	127.2	79.2
Australia	199.5	1.5	1.8	76.0	120.3
Canada	23.3	1.0	10.1	11.1	1.2
Czech Republic	0.6	0.3	0.1	0.1	0
Hungary	0.2	0.1	0.0	0.0	0
Iceland	1.3	0.3	0.8	0.1	0
Japan	2,693.3	142.7	136.1	1,664.2	750.2
New Zealand	15.8	0.4	0.2	8.1	7.1
Norway	39.7	3.3	31.8	4.4	0.2
Poland	5.9	5.3	0.0	0.6	0.0
South Korea	1,159.2	18.9	234.4	427.5	478.4
Switzerland	7.0	3.9	0.2	2.8	0
Turkey	68.5	55.5	7.5	5.5	0
European Union	2,104.3	1,106.7	408.2	579.3	10.1
Austria	6.4	2.1	0.5	3.8	0.1
Belgium <sup>a</sup>	114.9	36.2	11.5	66.6	0.5
Denmark	19.8	3.8	3.4	12.5	0.1
Finland	15.8	4.2	6.1	5.4	0.1
France	380.9	269.9	74.3	36.5	0.2
Germany	153.2	72.4	7.3	73.3	0.2
Greece	37.9	36.9	0.5	0.6	0
Ireland	34.7	28.3	4.0	2.2	0.2
Italy	406.9	254.1	57.7	94.8	0.2
Netherlands	267.8	55.1	19.3	191.9	1.4
Portugal.	176.9	117.0	57.5	2.5	0
Spain	272.8	158.2	108.4	6.2	0
Sweden	6.5	1.3	2.7	2.0	0.5
United Kingdom	209.7	67.1	54.9	81.1	6.5

<sup>a</sup>Including data for Luxembourg.

**Table 79**  
**Selected Countries: Participation in Major International Environmental Agreements <sup>a</sup>**

	Antarctic Treaty <sup>b</sup>	Basel Convention <sup>c</sup>	Biodiversity Convention <sup>d</sup>	Climate Change		London Convention <sup>g</sup>	Montreal Protocol <sup>h</sup>	Nuclear Test Ban <sup>i</sup>	Whaling <sup>j</sup>
				CITES <sup>e</sup>	Convention <sup>f</sup>				
Argentina	X	X	X	X	X	X	X	X	
Australia	X	X	X	X	X	X	X	X	
Austria	X	X	X	X	X		X	X	X
Belgium	X	X	X	X	X	X	X	X	
Brazil	X	X	X	X	X	X	X	X	X
Bulgaria	X	X	X	X	X		X	X	
Canada	X	X	X	X	X	X	X	X	X
Chile	X	X	X	X	X	X	X	X	
China	X	X	X	X	X	X	X	X	
Colombia	X		X	X	X		X	X	
Democratic Republic of the Congo		X	X	X	X	X	X	X	
Czech Republic	X	X	X	X	X		X	X	
Denmark	X	X	X	X	X	X	X	X	X
Egypt		X	X	X	X	X	X	X	X
Finland	X	X	X	X	X	X	X	X	X
France	X	X	X	X	X	X	X		X
Germany	X	X	X	X	X	X	X	X	
Hungary	X	X	X	X	X	X	X	X	
India	X	X	X	X	X		X	X	
Indonesia		X	X	X	X		X	X	
Iran		X	X	X	X		X	X	
Iraq								X	
Ireland		X	X		X	X	X	X	X
Italy	X	X	X	X	X	X	X	X	X
Japan	X	X	X	X	X	X	X	X	
Kenya			X	X	X	X	X	X	
Malaysia		X	X	X	X		X	X	X
Mexico		X	X	X	X	X	X	X	X
Morocco		X	X	X	X	X	X	X	
Netherlands	X	X	X	X	X	X	X	X	X

**Table 79 (Continued)**  
**Selected Countries: Participation in Major International Environmental Agreements <sup>a</sup>**

	Antarctic Treaty <sup>b</sup>	Basel Convention <sup>c</sup>	Biodiversity Convention <sup>d</sup>	CITES <sup>e</sup>	Climate Change Convention <sup>f</sup>	London Convention <sup>g</sup>	Montreal Protocol <sup>h</sup>	Nuclear Test Ban <sup>i</sup>	Whaling <sup>j</sup>
New Zealand	X	X	X	X	X	X	X	X	X
Nigeria		X	X	X	X	X	X	X	X
Norway	X	X	X	X	X	X	X	X	X
Peru	X	X	X	X	X		X	X	
Philippines		X	X	X	X	X	X	X	
Poland	X	X	X	X	X	X	X	X	X
Portugal		X	X	X	X	X	X		
Romania	X	X	X	X	X		X	X	
Russia	X	X	X	X	X	X	X	X	
Saudi Arabia		X		X	X		X		
Slovenia		X	X		X	X	X	X	
South Africa	X	X	X	X	X	X	X	X	X
South Korea	X	X	X	X	X		X	X	
Spain	X	X	X	X	X	X	X	X	X
Sweden	X	X	X	X	X	X	X	X	
Switzerland	X	X	X	X	X	X	X	X	X
Thailand		X		X	X		X	X	
Turkey	X	X	X				X	X	X
Ukraine	X		X		X	X	X	X	
United Kingdom	X	X	X	X	X	X	X	X	X
United States	X			X	X	X	X	X	X
Venezuela		X	X	X	X		X	X	
Zimbabwe			X	X	X		X		

<sup>a</sup>Countries that have signed and ratified the agreement as of April 1998.

<sup>b</sup>To ensure that Antarctica is used for peaceful purposes.

<sup>c</sup>To reduce transboundary movement of wastes to a minimum consistent with environmentally sound and efficient disposal practices.

<sup>d</sup>The Biodiversity Convention binds parties to take action to preserve global species diversity.

<sup>e</sup>The Convention on International Trade in Endangered Species of Wild Fauna and Flora protects endangered species by import and export permits.

<sup>f</sup>The Climate Change Convention encourages all parties to stabilize greenhouse gas emissions.

<sup>g</sup>The London Convention regulates at-sea dumping of hazardous wastes.

<sup>h</sup>The Montreal Protocol on Substances that Deplete the Ozone Layer phases out consumption and trade of ozone-depleting substances.

<sup>i</sup>To put an end to the armaments race and eliminate incentives for the production and testing of all types of weapons, including nuclear weapons.

<sup>j</sup>To protect all species of whales from over exploitation.

**Table 80**  
**Selected LDC Importers of OECD Recyclable Secondary Materials, by Type, 1996**

*Thousand metric tons*

Country	Iron/steel	Aluminum	Copper	Lead	Zinc	Paper	Plastic	Tires	Total
South Korea	4,441.6	44.5	35.3	13.3	1.2	1,132.3	8.8	NEGL	5,677.0
Mexico	1,258.7	16.6	6.6	0.2	NEGL	923.3	11.4	NEGL	2,216.8
Taiwan	553.5	193.2	30.7	0.3	58.8	1,142.3	42.3	NEGL	2,021.1
China	938.0	67.2	104.2	0.3	13.2	774.8	12.1	2.4	1,912.2
Indonesia	530.8	2.4	3.4	2.0	2.4	879.4	1.2	0.2	1,421.8
India	919.5	8.0	66.1	6.1	8.8	208.8	19.0	NEGL	1,236.3
Hong Kong	198.9	105.2	156.8	1.1	23.0	104.8	332.9	51.2	973.9
Malaysia	803.3	8.6	0.5	0.4	0.6	9.8	3.6	1.3	828.1
Thailand	253.7	1.2	4.0	0.5	NEGL	357.6	0.6	NEGL	617.6
Venezuela	270.3	0.3	0.1	0.7	0	135.0	0.2	NEGL	406.6
Philippines	95.8	0.3	0.1	2.3	0.1	188.3	11.2	NEGL	298.1
Pakistan	128.6	20.6	0.8	0	0.7	13.4	11.6	0.5	176.2
Yugoslavia (Serbia and Montenegro)	28.9	0.6	0.3	0	NEGL	95.0	0.7	6.6	132.1

**Table 81**  
**OECD Countries: Exports to LDCs of Recyclable Secondary Materials, by Region and Type, 1996**

*Thousand metric tons*

Region	Iron/steel	Aluminum	Copper	Lead	Zinc	Paper	Plastic	Tires	Total
Total	10,666.8	488.2	421.2	28.7	118.3	6,341.9	502.7	165.9	18,733.7
Asia	8,891.0	452.7	409.0	26.6	110.7	4,845.5	459.5	61.0	15,256.0
Latin America	1,546.3	19.9	7.7	1.3	0.1	1,204.9	20.2	19.9	2,820.3
Developing Europe Including Russia	48.5	12.8	1.2	NEGL	6.6	211.9	16.6	38.7	336.3
Middle East	159.4	1.4	2.9	0.7	0.3	35.4	2.4	5.6	208.1
Africa	21.6	1.4	0.3	NEGL	0.6	44.3	4.0	40.7	112.9

**Table 82**  
**Major OECD Exporters of Recyclable Secondary Materials, by Type and Value, 1996**

*Million US \$*

Country	Iron/steel	Aluminum	Copper	Lead	Zinc	Paper	Plastic	Tires	Total	To LDCs
United States	1,346	325	622	18	20	751	146	14	3,242	1,985
Germany	1,068	409	414	8	23	210	66	40	2,238	223
Netherlands	563	146	172	6	15	122	43	42	1,109	219
France	534	110	210	6	21	96	58	30	1,065	37
United Kingdom	472	116	205	7	23	62	24	10	919	228
Canada	287	295	194	4	12	69	39	4	904	61
Japan	315	9	32	5	5	3	52	102	523	474

**Table 83**  
**Major OECD Exporters of Recyclable Secondary Materials, by Type and Volume, 1996**

*Thousand metric tons*

Country	Iron/steel	Aluminum	Copper	Lead	Zinc	Paper	Plastic	Tires	Total	To LDCs
United States	8,451	299	397	85	32	6,546	237	0	16,047	11,137
Germany	7,386	440	258	15	30	3,040	220	61	11,450	1,328
France	3,746	113	126	12	28	735	116	35	4,911	68
Netherlands	3,047	241	104	15	21	1,116	133	52	4,729	1,163
United Kingdom	3,416	100	115	10	27	305	26	11	4,010	756
Canada	2,113	242	112	10	28	569	79	0	3,153	282
Belgium	1,757	115	60	10	21	924	90	14	2,991	538
Japan	1,993	12	60	10	7	21	151	135	2,389	2,333

## Index and Conversion Factors

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## Conversion Factors

To Convert From	To	Multiply By	To Convert From	To	Multiply By
Acres	Hectares	0.4046856	Meters, cubic	Tons, register	0.353147
Acres	Kilometers, square	0.004046856	Miles, nautical	Kilometers	1.852
Acres	Meters, square	4,046.856	Miles, statute	Centimeters	160,934.4
Centimeters	Meters	0.01	Miles, statute	Meters	1,609.344
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	258.9988
Feet	Centimeters	30.48	Miles, square	Kilometers, square	2.589988
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	0.4173176
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	1,016.047
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	Tons, metric	Ounces, troy	32,150.7
Kilograms	Tons, metric	0.001	Ton-miles, long	Ton-kilometers, metric	1.635169
Kilometers, square	Hectares	100	Ton-miles, short	Ton-kilometers, metric	1.459972
Liters	Milliliters	1,000	Tons, register	Meters, cubic	2.831685
Liters	Meters, cubic	0.001	Tons, short	Kilograms	907.185
Meters	Milliliters	1,000	Tons, short	Tons, metric	0.907185
Meters	Centimeters	100	Yards	Centimeters	91.44
Meters	Kilometers	0.001	Yards	Meters	0.9144
Meters, cubic	Liters	1,000	Yards, cubic	Meters, cubic	0.7645549
			Yards, square	Meters, square	0.836127