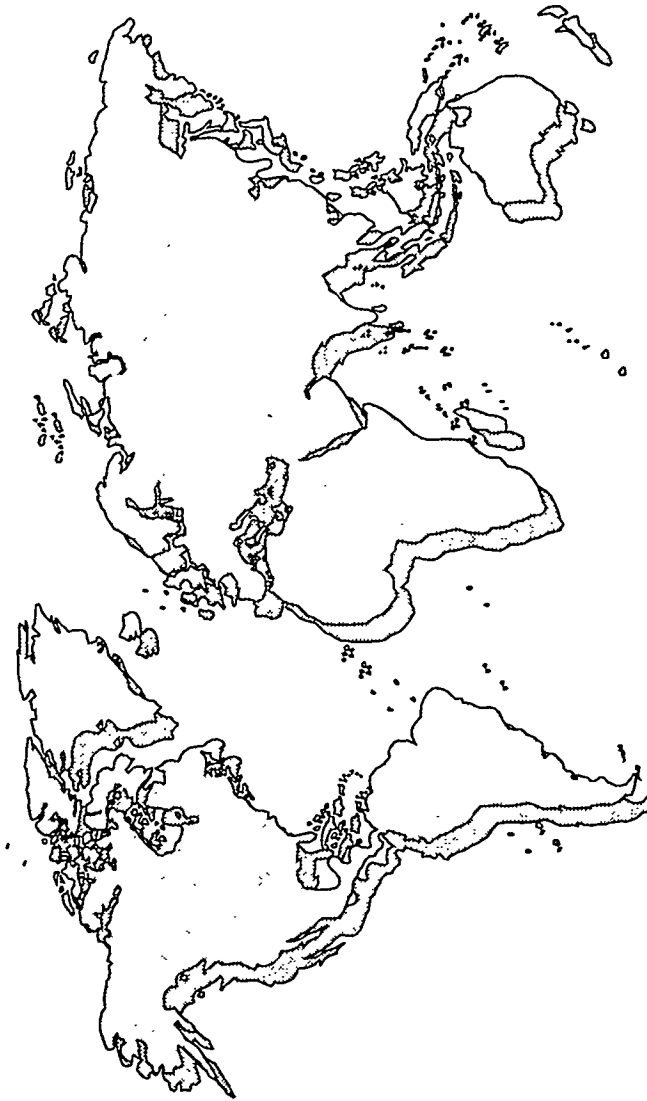


International Petroleum Statistics Report

November 1995

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International Petroleum Statistics Report

November 1995

Energy Information Administration
Office of Energy Markets and End Use
U.S. Department of Energy
Washington, DC 20585

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

Preface

The International Petroleum Statistics Report is a monthly publication that provides current international oil data. This report is published for the use of Members of Congress, Federal agencies, State agencies, industry, and the general public. Publication of this report is in keeping with responsibilities given the Energy Information Administration in Public Law 95-91 (Section 205(a)(2)) that states:

"The Administrator shall be responsible for carrying out a central, comprehensive, and unified energy data and information program which will collect, evaluate, assemble, analyze and disseminate data and information ..."

The International Petroleum Statistics Report presents data on international oil production, demand, imports, exports, and stocks. The report has four sections. Section 1 contains time series data on world oil production, and on oil demand and stocks in the Organization for Economic Cooperation and Development (OECD). This section contains annual data beginning in 1985, and monthly data for the most recent two years. Section 2 presents an oil supply/demand balance for the world. This balance is presented in quarterly intervals for the most recent two years. Section 3 presents data on oil imports by OECD countries. This section contains annual data for the most recent year, quarterly data for the most recent two quarters, and monthly data for the most recent twelve months. Section 4 presents annual time series data on world oil production and oil stocks, demand, and trade in OECD countries. World oil production and OECD demand data are for the years 1970 through 1994; OECD stocks from 1973 through 1994; and OECD trade from 1984 through 1994.

Data for the United States are developed by the Energy Information Administration's (EIA) Office of Oil and Gas. Data for other countries are derived largely from published sources, including International Energy Agency publications, the EIA International Energy Annual, and the trade press. (See sources after each section.) All data are reviewed by the International Statistics Branch of EIA. All data have been converted to units of measurement familiar to the American public. Definitions of oil production and consumption are consistent with other EIA publications.

General information about this publication may be obtained from W. Calvin Kilgore, Director, Office of Energy Markets and End Use, (202) 586-1617, and from Mark E. Rodekohl, Director, Energy Markets and Contingency Information Division, (202) 586-1130. Detailed questions and comments concerning the contents of the International Petroleum Statistics Report may be directed to Louis D. DeMouy, Chief, International Statistics Branch, (202) 586-6557; Michael J. Maloney (202) 586-9415; Patricia A. Smith (202) 586-6925; H. Vicky McLaine (202) 586-9412 or to Michael J. Grillo (202) 586-6577; Oil Market Chronology - Lowell Feld (202) 586-9502.

Oil Market Chronology -- October 1995

The following chronology lists international events of potential significance for world petroleum markets. Sources include: Dow Jones (DJ), Financial Times (FT), Platt's Oilgram News (PON), Wall Street Journal (WSJ), Washington Post (WP), and the Washington Times (WT).

October 2

Argentina announces proposed rules for companies wishing to explore for oil in waters around the Falklands (Malvinas) Islands. The government states its intention to charge a levy of up to 3 percent of any oil revenues, as well as to collect exploration fees. Despite a pact signed earlier between Britain and Argentina enabling each country to collect royalties from the disputed waters, uncertainty over the administration of parts of the prospective oil fields remains. (FT)

October 4

Iran's first oil-drilling platform in the Caspian Sea begins operations, according to Tehran Radio. Initial drilling in the Iranian sector of the Caspian has so far yielded little oil, despite the widely-held belief that the Sea holds vast quantities of hydrocarbons. (DJ)

Russian President Boris Yeltsin orders the government to provide financing and tax breaks to pay for rebuilding the oil industry in the war-ravaged republic of Chechnya. The government, which has already spent 5 trillion rubles this year to restore the economy in Chechnya, hopes to more than double current oil production levels in the region. (DJ)

October 7

The 11-company Azerbaijan International Operating Company (AIOC) decides to export early production from three Caspian Sea oil fields through both Russia and Georgia. The AIOC plans to spend \$55 million on developing the Russian route, which relies heavily on existing infrastructure, and in excess of \$200 million on the western route through Georgia (and ultimately Turkey). (PON)

October 13

Ecuador's oil workers' union, FETRAPEC, stages a one-week work stoppage. Demands include the resignation of Ecuador's Energy Minister Galo Abril; nullification of the tender for expansion of the Transecuadorean crude oil pipeline; and cancellation of plans to privatize Petroproduccion Oriente marginal fields and the La Libertad refinery. The strike takes place following the flight of Ecuadorean Vice President Alberto Darik to Costa Rica. Darik, the chief architect of the government's privatization and modernization programs (which are opposed by state oil workers), fled following an order for his arrest by the Ecuadorean Supreme Court on charges of corruption, bribery, and embezzlement. (PON)

October 17

Indonesia's Minister of Mines and Energy and current president of OPEC, Ida Bagus Sujana, states his desire that OPEC maintain its current crude oil production ceiling of 24.5 million barrels a day, in order to stabilize world oil prices. He tells a news conference that the Indonesian proposal would be discussed at OPEC's annual meeting in Vienna in November. Sujana claims OPEC's current production is about 24.4 million barrels per day, or 100,000 barrels below the quota. OPEC decided in November 1994 to extend the ceiling of 24.52 million barrels per day for 12 months. (DJ)

October 20

Unocal announces that it is to sign agreements with the government of Turkmenistan to build multi-billion dollar natural gas and oil pipelines that would carry Turkmeni hydrocarbons to Pakistan for delivery to domestic and export markets. Both pipelines would transit war-torn Afghanistan. The 800-mile natural gas pipeline would have an estimated throughput of at least 2 billion cubic feet per day and an estimated construction cost of about \$3 billion. The oil pipeline, which would likely follow the same route as the gas pipeline until it reached Pakistan, has an estimated cost of \$5 billion. (PON)

October 21

The state Kuwait Oil Company announces the discovery of new oil reservoirs containing an estimated 350 million barrels of reserves. This marks the first discovery in an area where exploration had begun before the Iraqi invasion in August 1990. Exploration resumed in February 1994, three years after Iraqi forces were driven from Kuwait. (DJ)

October 24 Ecuadorean Energy Minister Galo Abril resigns after protests from state oil workers regarding his support for construction of a new oil pipeline without state participation. He is later reassigned as Secretary of the Government Council by President Sixto Duran-Ballen. (DJ)

Greece announces the launch of an international tender to grant oil exploration and development rights to onshore and offshore areas in the west of the country. The tender comprises six sites in western Greece -- three offshore and three onshore -- including the Kakakolon oil field, which was discovered in 1981. Estimates are that the total area could produce from 30,000 to 50,000 barrels per day. (DJ)

October 25 Chile's National Petroleum Company and its international exploration subsidiary, Sipepetol, announce plans to participate in bidding to explore for petroleum in the waters off the Falkland (Malvinas) Islands, once the Argentine and British governments resolve sovereignty issues in the region. (DJ)

October 26 Venezuela's Energy and Mines Ministry announces that British Petroleum plans to invest \$1 billion in Venezuela's oil industry over the next five years. (DJ)

October 28 United Nations Secretary-General Boutros Boutros-Chali once again urges Iraq to accept a formula allowing limited oil sales to buy food, medicine and other humanitarian supplies. However, Iraqi Vice President Taha Marouf turns down the proposal during a meeting with Boutros-Chali at ceremonies marking the United Nations' 50th anniversary. The Iraqi government has consistently rejected the plan, approved by the U.N. in April 1994, portraying it as an infringement on its sovereignty. (DJ)

October 30 Iran's oil minister, Gholamreza Agazadeh, and Russian Deputy Prime Minister Alexander Balshakov hold talks in Tehran on oil and gas exploration in the Caspian Sea. The two sides issue a joint call for a legal regime to regulate the division of Caspian Sea resources among littoral states, and for continued collaboration between their two countries on oil exploration and drilling in the disputed region. (DJ)

October 31 Lithuania recalls its ambassador from Latvia to protest an oil exploration deal Latvia signed with Western companies Amoco of the United States and Svensk Oljedistribution AB of Sweden. The deal would allow the companies to explore for oil off Latvia's Baltic Sea coast. Lithuania, however, considers ownership of the exploration area to be in dispute and opposes the deal because of concerns that its sovereignty and interests would be harmed. (DJ)

The International Finance Corporation (IFC), the private sector arm of the World Bank, announces it will invest \$8 million in the India Oil and Gas Finance Facility, a fund that will lend money to small and medium-sized projects in India's oil and gas sector. The IFC funding will be complemented by an additional \$2 million from Indian venture capital company Credicapital Venture Fund Ltd. (DJ)

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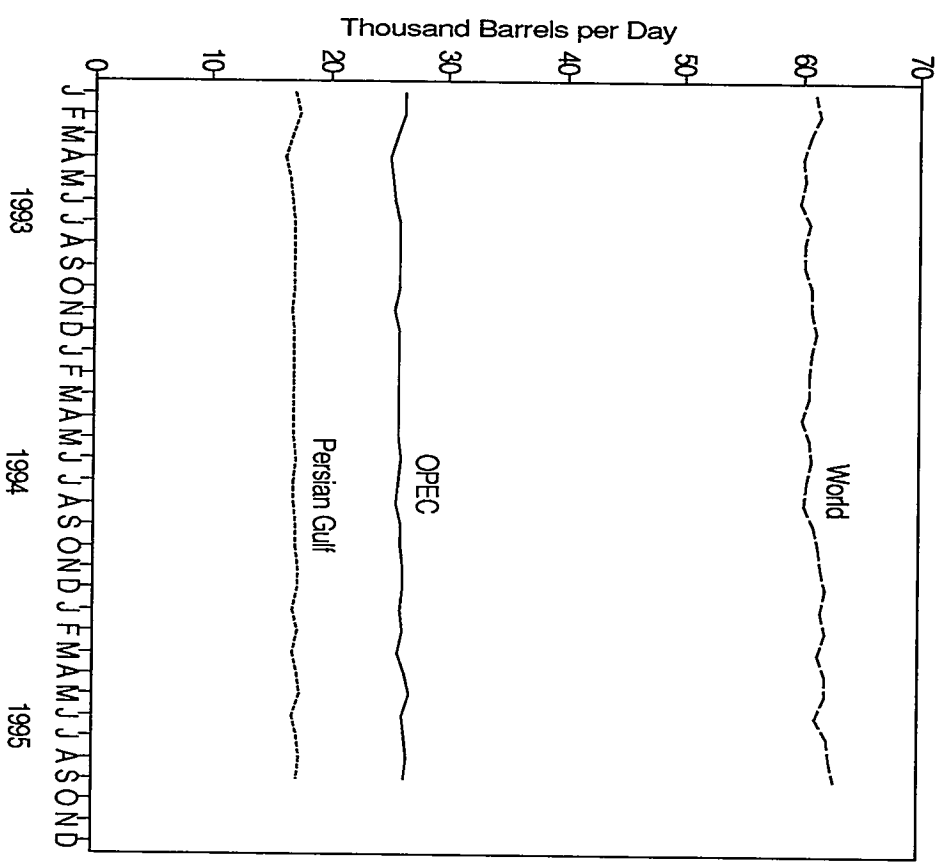
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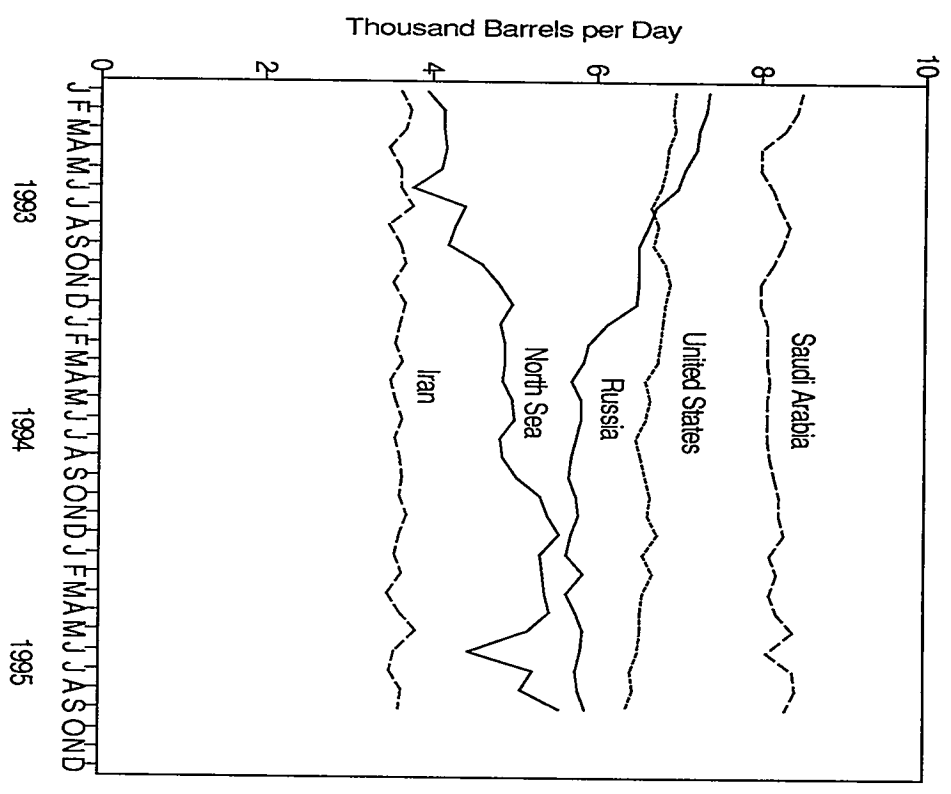
1. Annual and Monthly Oil Data

Figure 1. World Crude Oil Production, Monthly



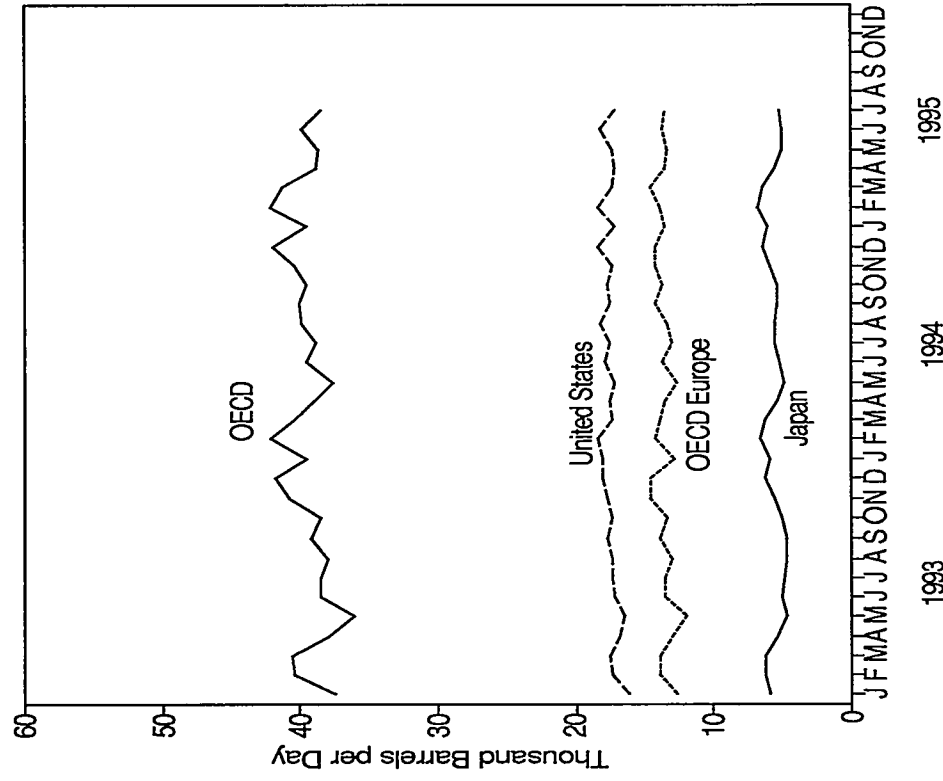
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Figure 2. Leading Crude Oil Producers, Monthly



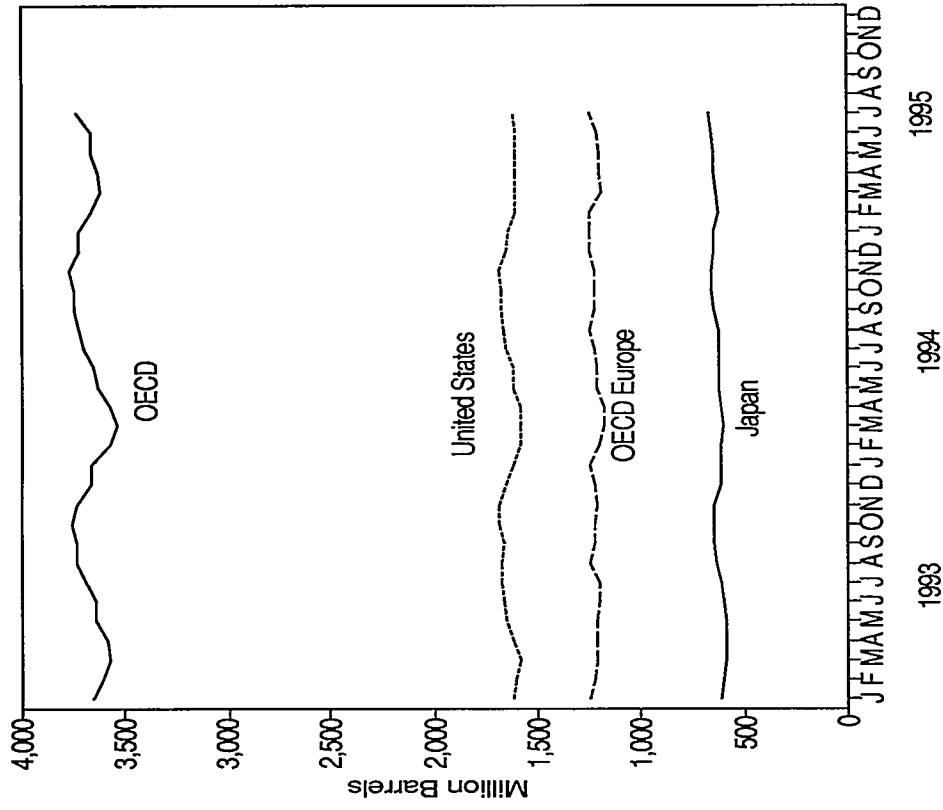
Source: Tables 1.1a-1.1c

Figure 3. OECD Oil Consumption, Monthly



Source: Table 1.7

Figure 4. OECD Oil Stocks, Monthly



Source: Table 1.5

Table 1.1a World Crude Oil Production (Including Lease Condensate), 1985-Present
(Thousand Barrels per Day)

	Algeria	Gabon	Indo- nesia	Iran	Iraq	Kuwait ¹	Libya	Nigeria	Qatar	Saudi Arabia ¹	United Arab Emirates	Vene- zuela	Total OPEC
1985 Average.....	1,037	172	1,325	2,250	1,433	1,023	1,059	1,495	301	3,388	1,193	1,677	16,353
1986 Average.....	945	166	1,390	2,035	1,690	1,419	1,034	1,467	308	4,870	1,330	1,787	18,441
1987 Average.....	1,048	155	1,343	2,298	2,079	1,585	972	1,341	293	4,265	1,541	1,752	18,672
1988 Average.....	1,040	159	1,342	2,240	2,685	1,492	1,175	1,450	346	5,086	1,565	1,903	20,483
1989 Average.....	1,095	208	1,409	2,810	2,897	1,783	1,150	1,716	380	5,064	1,860	1,907	22,279
1990 Average.....	1,175	270	1,462	3,088	2,040	1,175	1,375	1,810	406	6,410	2,117	2,137	23,465
1991 Average.....	1,230	294	1,592	3,312	305	1,190	1,483	1,892	395	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	1,943	423	8,332	2,266	2,371	24,695
1993 Average.....	1,190	312	1,528	3,650	512	1,872	1,377	2,050	419	8,198	2,191	2,450	25,748
1994													
January.....	1,170	290	1,510	3,635	545	1,995	1,370	2,200	445	8,095	2,250	2,490	25,995
February.....	1,170	290	1,510	3,585	545	1,998	1,370	2,200	430	8,088	2,275	2,490	25,950
March.....	1,170	310	1,510	3,685	545	2,005	1,370	2,150	445	8,095	2,250	2,490	26,025
April.....	1,170	330	1,510	3,535	555	2,020	1,370	2,070	445	8,110	2,250	2,480	25,845
May.....	1,170	340	1,510	3,585	555	2,050	1,370	2,090	445	8,090	2,260	2,500	26,095
June.....	1,170	340	1,510	3,685	555	2,050	1,380	1,990	475	8,100	2,280	2,520	25,955
July.....	1,170	340	1,510	3,585	555	2,050	1,390	1,990	435	8,120	2,280	2,540	25,675
August.....	1,170	340	1,530	3,635	555	2,050	1,390	1,630	435	8,120	2,280	2,540	26,135
September.....	1,170	340	1,510	3,685	555	2,050	1,370	2,010	445	8,180	2,280	2,540	26,135
October.....	1,170	340	1,520	3,635	555	2,045	1,390	2,080	385	8,245	2,240	2,540	26,215
November.....	1,170	340	1,520	3,735	555	2,050	1,390	1,980	455	8,245	2,240	2,540	26,215
December.....	1,170	340	1,520	3,635	555	2,050	1,390	1,965	465	8,300	2,270	2,530	26,190
1994 Average.....	1,170	329	1,514	3,635	553	2,034	1,378	2,037	444	8,147	2,263	2,514	26,017
1995													
January.....	1,180	335	1,520	3,585	555	2,070	1,390	2,000	455	8,120	2,280	2,600	26,090
February.....	1,180	335	1,500	3,685	555	2,070	1,390	1,980	475	8,220	2,280	2,600	26,270
March.....	1,180	335	1,510	3,485	555	2,060	1,390	1,890	485	8,110	2,280	2,600	25,880
April.....	1,180	335	1,510	3,635	555	2,070	1,390	2,050	485	8,220	2,280	2,670	26,380
May.....	1,180	335	1,510	3,835	555	2,050	1,390	2,080	485	8,400	2,280	2,790	26,890
June.....	1,180	335	1,510	3,585	555	2,050	1,390	1,960	485	8,100	2,280	2,790	26,220
July.....	1,210	335	1,510	3,535	555	2,060	1,390	1,980	485	8,410	2,280	2,790	26,540
August.....	1,210	350	1,510	3,685	555	2,075	1,390	2,035	485	8,425	2,280	2,790	26,790
September.....	1,210	350	1,510	3,635	555	2,035	1,390	2,040	485	8,315	2,280	2,790	26,595
1995 Average.....	1,190	338	1,510	3,629	555	2,060	1,390	2,002	481	8,259	2,280	2,714	26,408

¹/ Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1980 through July 1990 and beginning in June 1991. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990 but was resumed in June 1991. From August 1990 through May 1991, all production in the Neutral Zone was included in the data for Saudi Arabia. In September 1995, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 430 thousand barrels per day.

Notes: *OPEC=Organization of Petroleum Exporting Countries. *Monthly data are often preliminary and also may not average to the annual totals due to rounding.
Sources: See end of Section 1.

Table 1.1b World Crude Oil Production (Including Lease Condensate), 1985-Present
(Thousand Barrels per Day)

	Norway	United Kingdom	North Sea/ Seal	Angola	Argentina	Australia	Brazil	Canada	China	Colombia	Ecuador
1985 Average.....	788	2,530	3,417	231	460	575	564	1,471	2,505	176	281
1986 Average.....	870	2,539	3,547	282	434	520	572	1,474	2,620	305	293
1987 Average.....	1,022	2,406	3,584	360	428	547	554	1,535	2,690	385	174
1988 Average.....	1,158	2,232	3,540	452	449	538	554	1,616	2,730	378	302
1989 Average.....	1,554	1,802	3,515	455	460	490	596	1,560	2,757	403	279
1990 Average.....	1,704	1,820	3,667	475	483	575	631	1,553	2,774	440	285
1991 Average.....	1,890	1,797	3,811	500	485	545	630	1,548	2,835	419	299
1992 Average.....	2,230	1,825	4,182	526	553	535	626	1,605	2,845	433	321
1993 Average.....	2,264	1,915	4,315	501	575	502	643	1,680	2,911	453	346
1994											
January.....	2,395	2,280	4,857	510	615	475	680	1,669	2,900	460	360
February.....	2,470	2,280	4,920	525	625	475	670	1,722	2,920	475	360
March.....	2,415	2,315	4,909	505	625	500	670	1,706	2,920	460	360
April.....	2,355	2,340	4,864	525	640	520	670	1,671	2,940	460	365
May.....	2,470	2,345	4,982	540	650	520	680	1,706	2,940	360	365
June.....	2,535	2,340	5,039	540	650	530	680	1,729	2,950	430	375
July.....	2,415	2,275	4,854	550	655	550	680	1,801	2,940	450	385
August.....	2,415	2,315	4,871	550	655	565	700	1,790	2,950	475	385
September.....	2,445	2,475	5,063	550	675	550	635	1,817	2,910	475	400
October.....	2,760	2,435	5,343	555	670	565	650	1,735	2,950	475	395
November.....	2,770	2,485	5,418	555	670	575	640	1,778	2,970	450	395
December.....	2,800	2,605	5,563	555	670	575	700	1,793	2,980	490	395
1994 Average.....	2,521	2,375	5,058	538	650	536	671	1,743	2,939	455	378
1995											
January.....	2,660	2,520	5,341	580	700	575	710	1,792	2,950	500	400
February.....	2,605	2,610	5,368	580	700	550	710	1,774	3,000	540	400
March.....	2,680	2,565	5,399	610	700	540	685	1,739	3,000	550	400
April.....	2,735	2,570	5,456	630	710	550	700	1,811	3,000	550	400
May.....	2,750	2,305	5,201	645	710	550	330	1,754	2,980	560	400
June.....	2,480	1,855	4,486	660	710	580	710	R1,847	2,980	605	390
July.....	2,765	2,350	5,253	660	720	595	R750	R1,843	2,980	R615	R385
August.....	2,560	2,405	5,107	660	720	R600	760	R1,805	3,000	620	R400
September.....	2,775	2,655	5,581	660	720	600	760	1,830	3,030	620	400
1995 Average.....	2,669	2,425	5,243	632	710	571	679	1,799	2,991	573	397

1/ North Sea includes the United Kingdom Offshore, Norway, Denmark, Netherlands Offshore, and Germany Offshore.

R=Revised data.

Notes: *Monthly data are often preliminary and also may not average to the annual totals due to rounding. See Section 4 for historical series.

Sources: See end of Section 1.

Table 1.1c World Crude Oil Production (Including Lease Condensate), 1985-Present
(Thousand Barrels per Day)

	Egypt	India	Malaysia	Mexico	Oman	Russia	Former U.S.S.R.	Syria	United States	Other ^{1/}	World
1985 Average.....	887	620	440	2,745	498	---	11,585	178	8,971	2,123	53,981
1986 Average.....	813	630	504	2,435	560	---	11,895	194	8,680	2,166	56,227
1987 Average.....	896	609	497	2,548	582	---	12,050	230	8,349	2,120	56,666
1988 Average.....	848	635	540	2,512	617	---	12,053	265	8,140	2,235	58,737
1989 Average.....	865	700	585	2,520	641	---	11,715	340	7,613	2,249	59,863
1990 Average.....	873	660	619	2,553	685	---	10,975	388	7,355	2,253	60,566
1991 Average.....	874	615	646	2,680	700	---	9,992	492	7,417	2,274	60,207
1992 Average.....	881	561	653	2,669	740	---	---	481	7,171	3,229	60,213
1993 Average.....	892	543	648	2,671	776	6,890	---	570	6,847	3,267	60,640
1994 January.....	870	550	630	2,745	765	6,151	---	570	6,817	3,428	60,864
February.....	870	540	650	2,710	765	5,913	---	570	6,770	3,403	60,697
March.....	870	555	650	2,685	765	5,864	---	570	6,746	3,401	60,608
April.....	860	555	630	2,700	800	5,710	---	570	6,612	3,390	60,158
May.....	860	535	640	2,690	800	5,842	---	570	6,688	3,418	60,594
June.....	860	600	640	2,675	810	5,856	---	570	6,611	3,438	60,912
July.....	870	600	650	2,675	820	5,759	---	580	6,501	3,406	60,517
August.....	885	635	650	2,675	820	5,741	---	580	6,544	3,384	60,389
September.....	885	650	650	2,680	800	5,706	---	580	6,609	3,394	61,021
October.....	890	650	650	2,685	830	5,776	---	595	6,658	3,444	61,514
November.....	890	660	650	2,675	840	5,794	---	595	6,628	3,451	61,686
December.....	890	660	650	2,675	845	5,741	---	595	6,760	3,443	62,011
1994 Average.....	875	599	645	2,689	805	5,821	---	579	6,662	3,417	60,916
1995 January.....	890	695	650	2,680	845	5,675	---	615	E6,596	3,438	61,561
February.....	890	685	680	2,645	845	5,860	---	615	E6,703	3,408	62,071
March.....	890	695	680	2,670	845	5,675	---	615	E6,606	3,404	61,429
April.....	890	700	680	2,670	850	5,767	---	610	E6,561	R3,407	R62,172
May.....	890	715	680	2,680	850	5,860	---	610	E6,572	R3,424	R62,155
June.....	890	720	680	2,700	850	5,856	---	610	E6,540	R3,435	R61,317
July.....	890	720	690	2,705	850	R5,776	---	610	E6,449	R3,429	R62,322
August.....	890	720	690	2,710	850	R5,820	---	610	RE6,462	R3,425	R62,497
September.....	890	720	690	2,740	850	5,873	---	610	PE6,388	3,436	62,842
1995 Average.....	890	708	680	2,689	848	5,795	---	612	PE6,541	3,423	62,040

^{1/} Other is a calculated total derived from the difference between "World" and the sum of production in "Total OPEC" (Table 1.1a) and all other countries listed (Tables 1.1b and 1.1c). The total "North Sea" is not subtracted from the world total, though Norway and the United Kingdom have been subtracted.

--- = Not applicable. R=Revised data. E=Estimated. PE=Preliminary estimate. RE=Revised estimate.

Notes: *Monthly data are often preliminary and also may not average to the annual totals due to rounding. See Section 4 for historical series.

Sources: See end of Section 1.

Table 1.2 OPEC Crude Oil Production (Excluding Condensate), 1985-Present
(Thousand Barrels per Day)

	Algeria	Gabon	Indo-nesia	Iran	Iraq	Kuwait ¹	Libya	Nigeria	Qatar	Saudi Arabia ²	United Arab Emirates	Venezuela	Total OPEC
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,059	1,475	301	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,034	1,447	308	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	293	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	3,05	1,90	1,483	1,832	395	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,433	1,820	423	8,332	2,206	2,334	23,856
1993 Average...	760	312	1,348	3,650	512	1,872	1,377	1,925	419	8,198	2,141	2,410	24,924
1994 January...	740	290	1,330	3,600	540	1,995	1,370	2,050	410	8,095	2,170	2,450	25,040
February...	740	290	1,330	3,550	540	1,998	1,370	2,050	395	8,088	2,195	2,450	24,995
March.....	740	310	1,330	3,650	540	2,005	1,370	2,000	410	8,095	2,170	2,450	25,070
April.....	740	330	1,330	3,500	550	2,020	1,370	1,920	410	8,110	2,170	2,440	24,890
May.....	740	340	1,330	3,550	550	2,050	1,370	1,950	410	8,090	2,180	2,460	25,020
June.....	740	340	1,330	3,650	550	2,050	1,370	1,940	420	8,090	2,200	2,460	25,140
July.....	740	340	1,330	3,550	550	2,050	1,380	1,840	440	8,100	2,200	2,480	25,000
August.....	740	340	1,350	3,600	550	2,050	1,390	1,480	400	8,120	2,200	2,500	24,720
September...	740	340	1,330	3,650	550	2,050	1,370	1,860	410	8,180	2,200	2,500	25,180
October...	740	340	1,340	3,600	550	2,045	1,390	1,930	350	8,245	2,160	2,500	25,190
November...	740	340	1,340	3,700	550	2,045	1,390	1,830	420	8,245	2,160	2,500	25,260
December...	740	340	1,340	3,600	550	2,050	1,390	1,815	430	8,300	2,190	2,490	25,235
1994 Average...	740	329	1,334	3,600	548	2,034	1,378	1,887	409	8,147	2,183	2,474	25,062
1995 January...	750	335	1,340	3,550	550	2,070	1,390	1,850	420	8,120	2,200	2,560	25,135
February...	750	335	1,320	3,650	550	2,070	1,390	1,830	440	8,220	2,200	2,560	25,315
March.....	750	335	1,330	3,450	550	2,060	1,390	1,740	450	8,110	2,200	2,560	24,925
April.....	750	335	1,330	3,600	550	2,070	1,390	1,900	450	8,220	2,200	2,630	25,425
May.....	750	335	1,330	3,800	550	2,050	1,390	1,930	450	8,400	2,200	2,750	25,935
June.....	750	335	1,330	3,550	550	2,050	1,390	1,810	450	8,100	2,200	2,750	25,265
July.....	780	335	1,330	3,500	550	2,060	1,390	1,830	450	8,410	2,200	2,750	25,585
August.....	780	350	1,330	3,650	550	2,075	1,390	1,885	450	8,425	2,200	2,750	25,835
September...	780	350	1,330	3,600	550	2,035	1,390	1,890	450	8,315	2,200	2,750	25,640
1995 Average...	758	338	1,330	3,594	550	2,060	1,390	1,852	446	8,259	2,200	2,674	25,453

¹/ Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1980 through July 1990 and beginning in June 1991. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. From August 1990 through May 1991, all production in the Neutral Zone was included in the data for Saudi Arabia. In September 1995, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 430 thousand barrels per day.

R=Revised.

Notes: •OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

•Monthly data are often preliminary and also may not average to the annual totals due to rounding.

Sources: See end of Section 1.

Table 1.3 World Natural Gas Plant Liquids Production, 1985-Present
(Thousand Barrels per Day)

	Algeria	Canada	Mexico	Saudi Arabia	Former USSR	United States ¹	Persian Gulf ²	OPEC ³ /OPEC ³	World
1985 Average.....	120	337	271	375	350	1,609	645	808	3,938
1986 Average.....	120	328	352	385	440	1,551	700	860	4,150
1987 Average.....	140	367	338	418	430	1,595	721	900	4,279
1988 Average.....	120	381	370	499	450	1,625	808	979	4,481
1989 Average.....	130	410	384	503	425	1,546	851	1,041	4,503
1990 Average.....	130	426	428	620	425	1,559	930	1,107	4,629
1991 Average.....	140	431	457	680	420	1,659	950	1,132	4,843
1992 Average.....	140	460	454	713	390	1,697	1,003	1,185	4,953
1993 Average.....	145	503	457	704	380	1,736	1,092	1,270	5,157
1994 January.....	145	560	465	695	400	1,615	1,080	1,257	5,165
February.....	145	579	460	695	400	1,633	1,080	1,257	5,187
March.....	145	509	450	695	400	1,668	1,080	1,257	5,141
April.....	145	540	460	695	400	1,679	1,080	1,257	5,203
May.....	145	509	460	695	400	1,711	1,080	1,257	5,204
June.....	145	494	435	695	400	1,733	1,080	1,257	5,196
July.....	145	495	455	695	400	1,753	1,080	1,257	5,227
August.....	145	553	465	695	400	1,760	1,080	1,257	5,313
September.....	145	495	465	700	400	1,792	1,085	1,262	5,291
October.....	145	552	470	705	400	1,748	1,090	1,267	5,380
November.....	145	587	475	705	400	1,815	1,090	1,267	5,512
December.....	145	585	475	705	400	1,807	1,090	1,267	5,532
1994 Average.....	145	538	461	698	400	1,727	1,083	1,260	5,280
1995 January.....	145	617	475	695	410	1,773	1,080	1,257	5,550
February.....	145	591	405	695	410	1,774	1,080	1,257	5,464
March.....	145	611	440	695	410	1,773	1,080	1,257	5,508
April.....	145	617	425	700	410	1,789	1,085	1,262	5,501
May.....	145	554	460	705	410	1,785	1,090	1,267	5,469
June.....	145	536	460	695	410	1,740	1,080	1,257	5,291
July.....	145	R525	455	715	410	1,751	1,100	1,277	R5,376
August.....	145	R552	R470	715	410	R1,730	1,100	1,277	R5,362
September.....	145	575	470	710	410	E1,743	1,095	1,272	5,433
1995 Average.....	145	575	452	703	410	E1,762	1,088	1,265	5,439

¹/ U.S. geographic coverage is the 50 States and the District of Columbia. Excludes fuel ethanol blended into finished motor gasoline.

²/ See Appendix A for countries in this group.

³/ OPEC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

R=Revised data. E=Estimated.

Notes: Monthly data are often preliminary and also may not average to the annual totals due to rounding. See Section 4 for historical series.

Sources: See end of Section 1.

Table 1.4 World Oil Supply, 1985-Present
(Thousand Barrels per Day)

	United States ^{1/}	Persian Gulf ^{2/}	OAPEC ^{3/}	OPEC ^{3/}	World
1985 Average.....	11,192	10,320	11,498	17,324	59,264
1986 Average.....	10,905	12,441	13,653	19,477	61,771
1987 Average.....	10,648	12,869	13,992	19,745	62,410
1988 Average.....	10,473	14,310	15,662	21,625	64,673
1989 Average.....	9,880	15,733	16,658	23,532	65,854
1990 Average.....	9,677	16,249	17,232	24,807	66,710
1991 Average.....	9,883	15,723	16,766	24,939	66,614
1992 Average.....	9,768	17,010	17,871	26,117	66,855
1993 Average.....	9,602	18,012	18,657	27,261	67,680
1994 January.....	9,456	18,117	18,724	27,502	67,918
February.....	9,316	18,072	18,724	27,457	67,661
March.....	9,377	18,177	18,729	27,532	67,577
April.....	9,302	18,067	18,759	27,352	67,236
May.....	9,338	18,137	18,779	27,482	67,602
June.....	9,377	18,267	18,809	27,602	68,007
July.....	9,330	18,197	18,869	27,462	67,685
August.....	9,273	18,227	18,879	27,182	67,534
September.....	9,440	18,352	18,934	27,647	68,215
October.....	9,441	18,267	18,939	27,662	68,792
November.....	9,572	18,437	19,004	27,732	69,192
December.....	9,725	18,437	19,104	27,707	69,565
1994 Average.....	9,413	18,230	18,855	27,527	68,085
1995 January.....	E9,442	18,217	18,964	27,597	69,048
February.....	E9,542	18,437	19,084	27,777	69,464
March.....	E9,308	18,127	18,974	27,387	68,731
April.....	E9,393	18,402	19,094	27,892	R69,580
May.....	E9,422	18,767	19,254	28,407	R69,553
June.....	E9,344	18,207	18,949	27,727	R68,536
July.....	E9,273	18,497	19,319	28,067	R69,636
August.....	RE9,282	18,677	19,349	28,317	R69,813
September.....	PE9,213	18,472	19,194	28,117	70,221
1995 Average.....	PE9,356	18,423	19,132	27,923	69,397

^{1/} U.S. geographic coverage is the 50 States and the District of Columbia. Beginning in 1993, includes fuel ethanol blended into finished motor gasoline and oxygenate production from merchant MTBE plants.

^{2/} See Appendix A for countries in this group.

^{3/} OAPEC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries.

See Appendix A for countries in this group.

R=Revised data. E=Estimated. PE=Preliminary estimate. RE=Revised estimate.

Notes: •Oil Supply includes crude oil, natural gas plant liquids, other liquids, and refinery gain. See Explanatory Note 1 in Appendix B. •Monthly data are often preliminary and also may not average to the annual total due to rounding.

See Section 4 for historical series.

Sources: See end of Section 1.

Table 1.5 Oil Stocks in OECD Countries, End of Period
(Million Barrels)

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1985 December.....	139	157	233	123	1,092	1,519	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	1,593	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	1,607	126	540	71	3,474
1988 December.....	140	155	266	112	1,118	1,597	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	1,581	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	1,621	121	590	73	3,568
1991 December.....	153	160	288	119	1,181	1,617	119	606	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	1,647	105	618	69	3,661
1994										
January.....	165	166	322	118	1,248	1,622	104	616	70	3,660
February.....	159	157	315	111	1,206	1,586	97	610	68	3,567
March.....	152	154	306	109	1,181	1,584	103	602	72	3,542
April.....	151	158	309	108	1,185	1,591	108	611	73	3,567
May.....	155	160	314	116	1,213	1,612	109	627	71	3,632
June.....	161	158	308	112	1,216	1,624	112	630	70	3,652
July.....	159	157	313	114	1,227	1,654	120	623	75	3,700
August.....	157	162	310	116	1,243	1,659	115	632	74	3,724
September.....	164	160	305	114	1,227	1,684	118	646	73	3,747
October.....	163	160	307	111	1,229	1,673	119	655	74	3,749
November.....	168	162	309	112	1,229	1,687	118	656	72	3,762
December.....	158	164	312	115	1,240	1,653	119	645	69	3,726
1995										
January.....	160	167	314	113	1,242	1,641	121	650	69	3,723
February.....	164	163	317	114	1,246	1,603	121	631	64	3,665
March.....	152	159	305	105	1,194	1,599	124	636	68	3,621
April.....	156	159	306	107	R1,197	1,600	119	642	71	3,628
May.....	153	161	304	112	R1,206	1,611	116	652	R72	R3,657
June.....	166	168	301	102	1,209	1,609	115	657	71	3,660
July.....	160	171	304	109	1,241	1,623	127	667	74	3,732

^{1/} Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

^{2/} "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^{3/} U.S. geographic coverage is the 50 States and the District of Columbia.

^{4/} "Other" consists of Australia, New Zealand, and the U.S. Territories.

R=Revised data.
Notes: *Oil Stocks - See Explanatory Note 2 in Appendix B. *See Section 4 for historical series.
Sources: See end of Section 1.

Table 1.6 Commercial and Government-Owned Oil Stocks in OECD Countries (End of June 1995)
(Million Barrels)

Country	Commercial	Government Owned	Total
Canada.....	115	0	115
United States ¹ /.....	1,017	592	1,609
United States Territories.....	26	0	26
Japan.....	377	280	657
Australia/New Zealand.....	45	NA	45
Austria.....	21	0	21
Belgium/Luxembourg.....	30	0	30
Denmark.....	26	0	26
Finland.....	26	0	26
France.....	166	0	166
Germany ² /.....	246	55	301
Greece.....	25	NA	25
Ireland.....	5	2	7
Italy.....	162	6	168
Netherlands.....	91	0	91
Norway.....	42	0	42
Portugal.....	20	0	20
Spain.....	87	0	87
Sweden.....	29	0	29
Switzerland.....	28	0	28
Turkey.....	39	0	39
United Kingdom.....	102	0	102
OECD Europe.....	1,146	63	1,209
Total OECD.....	2,725	935	3,660

¹/ U.S. geographic coverage is the 50 States and the District of Columbia.

²/ Data are for the unified Germany, i.e., the former East Germany and West Germany.

NA=Not Available.

Note: •Sum of components may not equal total due to rounding. •Oil Stocks - See Explanatory Note 2 in Appendix B.

•OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group.

Sources: See end of Section 1.

Table 1.7. OECD Oil Demand, 1985-Present
(Thousand Barrels per Day)

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1985 Average....	1,775	1,717	2,338	1,634	11,681	15,726	1,504	4,384	976	34,271
1986 Average....	1,772	1,738	2,498	1,649	12,102	16,281	1,506	4,439	951	35,279
1987 Average....	1,789	1,855	2,424	1,603	12,255	16,665	1,548	4,484	959	35,911
1988 Average....	1,797	1,836	2,422	1,697	12,427	17,283	1,693	4,752	939	37,093
1989 Average....	1,857	1,930	2,280	1,738	12,531	17,325	1,733	4,983	998	37,570
1990 Average....	1,818	1,872	2,382	1,752	12,629	16,988	1,690	5,140	1,027	37,475
1991 Average....	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	38,067
1992 Average....	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	38,768
1993 Average....	1,875	1,852	2,900	1,815	13,492	17,237	1,688	5,401	1,117	38,935
1994										
January....	1,840	1,774	2,492	1,743	12,771	18,072	1,701	5,913	1,031	39,488
February....	1,966	1,907	2,994	1,920	14,223	18,337	1,795	6,524	1,156	42,036
March....	1,825	1,891	3,062	1,954	13,910	17,313	1,701	6,269	1,209	40,402
April....	1,850	1,816	2,900	1,809	13,475	17,489	1,590	5,294	1,157	39,005
May....	1,675	1,674	2,746	1,770	12,665	17,181	1,658	4,853	1,186	37,543
June....	1,811	1,683	3,000	1,880	13,621	17,815	1,690	5,132	1,228	39,487
July....	1,771	1,702	2,817	1,748	12,980	17,485	1,717	5,577	1,183	38,943
August....	1,736	1,699	2,905	1,747	13,294	18,117	1,786	5,595	1,137	39,928
September..	1,920	1,945	3,041	1,862	14,199	17,490	1,790	5,334	1,187	40,001
October....	1,844	1,873	2,884	1,853	13,648	17,719	1,731	5,363	1,084	39,545
November...	1,811	2,070	2,914	1,954	14,162	17,315	1,749	5,860	1,268	40,353
December...	1,961	2,070	2,820	1,818	14,161	18,319	1,819	6,421	1,250	41,970
Average....	1,833	1,841	2,879	1,837	13,584	17,718	1,727	5,674	1,173	39,876
1995										
January....	1,949	R1,944	2,730	R1,754	R13,538	17,167	1,671	6,075	R1,123	R39,574
February...	1,895	R2,128	2,802	R1,953	R13,898	18,355	1,857	6,787	R1,175	R42,073
March....	2,002	R1,993	3,188	1,972	R14,555	17,403	1,704	6,378	R1,241	R41,281
April....	1,843	R1,837	2,854	R1,788	R13,469	17,102	R1,560	R5,576	R1,152	R38,859
May....	1,764	R1,829	2,940	R1,778	R13,408	17,241	R1,715	R5,030	R1,237	R38,631
June....	1,850	R1,884	2,874	1,784	R13,678	18,149	R1,757	R5,004	R1,264	R39,852
July....	1,939	1,885	2,826	1,735	13,447	17,113	1,664	5,115	1,176	38,515

^{1/} Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

^{2/} "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^{3/} U.S. geographic coverage is the 50 States and the District of Columbia.

^{4/} "Other" consists of Australia, New Zealand, and the U.S. Territories.

R=Revised data.
Notes: *The term Demand is used interchangeably with Consumption and Petroleum Products Supplied. See Appendix C for definition. *See Section 4 for historical series.
Sources: See end of Section 1.

Sources for Section 1 (Annual and Monthly Oil Data)

Crude Oil Production, Natural Gas Liquids Production, Other Liquids, and Refinery Gain

United States: Energy Information Administration (EIA), Petroleum Supply Annual 1994 and Petroleum Supply Monthly, October 1995.

Other Countries: Annual data --- EIA, International Energy Annual, various issues. Monthly data --- Canada --- Maclean Hunter Publishing Company, Oilweek, various issues. Denmark, Mexico, Netherlands, Norway, Germany, and all OPEC countries --- Petroleum and Energy Intelligence Weekly, Inc., Petroleum Intelligence Weekly, various issues. All Other Countries --- PennWell Publishing Company, Oil and Gas Journal, various issues. Refinery Gains: National Petroleum Council, U.S. Petroleum Refinery Study, October 1986.

Oil Stocks

United States: EIA, Petroleum Supply Annual 1994 and Petroleum Supply Monthly, October 1995.

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues.

• OECD, Monthly Oil Statistics data base, 1985-1995.

Oil Demand

United States: EIA, Petroleum Supply Annual 1994 and Petroleum Supply Monthly, October 1995.

Other OECD Countries: • OECD, Quarterly Oil Statistics and Energy Balances, various issues. • OECD, Monthly Oil Statistics data base, 1985-1995.

2. International Oil Balance Data

Table 2.1 World Oil Balance, 1991-1995
(Million Barrels Per Day)

	1991	1992	1993	1994				1995					
	Annual			Quarter				Quarter					
	Average			First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Annual
Supply1/ OECD													
United States2/	9.88	9.77	9.60	9.39	9.34	9.35	9.58	9.41	9.43	9.39	9.26	NA	NA
Other OECD	7.57	8.02	8.24	8.91	8.99	9.09	9.74	9.18	9.73	9.34	9.63	NA	NA
Total OECD	17.45	17.79	17.84	18.29	18.32	18.43	19.32	18.60	19.16	18.73	18.89	NA	NA
Non-OECD													
OPEC	24.94	26.12	27.26	27.50	27.48	27.43	27.70	27.53	27.58	28.01	28.17	NA	NA
Former USSR	10.41	8.93	8.10	7.19	6.99	6.91	6.95	7.01	6.92	7.03	7.02	NA	NA
Other Non-OECD	13.81	14.01	14.48	14.74	14.82	15.03	15.21	14.95	15.41	15.46	15.81	NA	NA
Total Non-OECD	49.16	49.06	49.84	49.43	49.29	49.37	49.86	49.49	49.91	50.50	51.00	NA	NA
Total World Supply	66.61	66.85	67.68	67.72	67.61	67.81	69.18	68.08	69.07	69.23	69.89	NA	NA
Demand3/ OECD													
United States2/	16.71	17.03	17.24	17.89	17.49	17.70	17.79	17.72	17.62	17.49	NA	NA	NA
Other OECD	21.35	21.74	21.70	22.70	21.17	21.92	22.84	22.16	23.32	21.62	NA	NA	NA
Total OECD	38.07	38.77	38.94	40.60	38.67	39.62	40.63	39.88	40.94	39.11	NA	NA	NA
Non-OECD													
China	2.50	2.66	3.11	3.10	3.10	3.10	3.20	3.13	3.29	3.29	NA	NA	NA
Former USSR	8.35	6.79	5.77	5.30	4.40	4.60	4.90	4.80	5.08	4.21	NA	NA	NA
Other Non-OECD	17.80	18.35	18.83	20.70	20.40	20.20	21.50	20.70	21.40	21.09	NA	NA	NA
Total Non-OECD	28.65	27.81	27.71	29.10	27.90	27.90	29.60	28.62	29.77	28.59	NA	NA	NA
Total World Demand	66.72	66.57	66.65	69.70	66.57	67.52	70.23	68.50	70.71	67.71	NA	NA	NA
Stock Draws / Discrepancy Net Reported Stock Draws4/													
U. S. Commercial	-.03	.08	-.12	.73	-.42	-.64	.33	.00	.60	-.11	NA	NA	NA
U. S. Strategic	-.02	-.02	-.03	-.03	-.02	.00	.00	-.01	.00	.00	NA	NA	NA
Other OECD	-.35	-.07	-.05	.62	-.77	-.38	-.10	-.16	.57	-.33	NA	NA	NA
For Export & Afloat	.07	-.10	-.04	.11	.00	.05	-.05	.03	-.11	.05	NA	NA	NA
Commr. Floating Storage	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	NA	NA	NA
Total Reported Draws	-.31	-.08	-.24	1.43	-1.21	-.97	.18	-.15	1.05	-.38	NA	NA	NA
Other Stock Draws and Statistical Discrepancy5/	.41	-.20	-.79	.55	.16	.69	.87	.57	.58	-1.14	NA	NA	NA

1/ Supply includes production of crude oil (including lease condensate), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, refinery gains, alcohol, and liquids produced from coal and other sources.

2/ U.S. geographical coverage is the 50 States and the District of Columbia. See Explanatory Note 1 in Appendix B.

3/ The term Demand is used interchangeably with the terms Consumption and Petroleum Products Supplied. See Appendix C for definition.

4/ Stock draws are positive numbers, stock additions are negative numbers.

5/ This is computed as Total Demand minus the sum of Total Supply and Total Reported Stock Draw.

NA=Not Available.

Note: Sum of components may not equal total due to rounding.

Sources: See end of Section 2.

Table 2.2 World Oil Supply, 1991-1995
(Million Barrels Per Day)

	1991			1992			1993			1994			1995		
	Annual			Annual			Annual			Quarter			Quarter		
	Average			Average			Average			First	Second	Third	First	Second	Third
OECD															
United States ¹ /...	9.88	9.77	9.60	9.39	9.34	9.35	9.58	9.41	9.43	9.39	9.26	NA	NA	NA	NA
Canada.....	2.03	2.13	2.24	2.30	2.27	2.37	2.40	2.33	2.43	2.42	2.43	NA	NA	NA	NA
North Sea ² /.....	4.05	4.44	4.58	5.19	5.26	5.22	5.83	5.38	5.81	5.43	5.68	NA	NA	NA	NA
Other OECD.....	1.49	1.46	1.41	1.42	1.46	1.49	1.52	1.47	1.49	1.49	1.52	NA	NA	NA	NA
Total OECD.....	17.45	17.79	17.84	18.29	18.32	18.43	19.32	18.60	19.16	18.73	18.89	NA	NA	NA	NA
Non-OECD															
OPEC															
Crude															
Algeria.....	1.23	1.21	1.19	1.17	1.17	1.17	1.17	1.17	1.18	1.18	1.21	NA	NA	NA	NA
Gabon.....	.29	.30	.31	.30	.34	.34	.34	.33	.33	.33	.34	NA	NA	NA	NA
Indonesia.....	1.59	1.50	1.53	1.51	1.51	1.52	1.52	1.51	1.51	1.51	1.51	NA	NA	NA	NA
Iran.....	3.31	3.43	3.65	3.64	3.60	3.63	3.67	3.64	3.58	3.69	3.62	NA	NA	NA	NA
Iraq.....	.30	.42	.51	.54	.55	.55	.55	.55	.55	.55	.55	NA	NA	NA	NA
Kuwait.....	.19	1.06	1.87	2.00	2.04	2.05	2.05	2.03	2.07	2.06	2.06	NA	NA	NA	NA
Libya.....	1.48	1.43	1.38	1.37	1.37	1.38	1.39	1.38	1.39	1.39	1.39	NA	NA	NA	NA
Nigeria.....	1.89	1.94	2.05	2.18	2.09	1.88	2.01	2.04	1.96	2.03	2.02	NA	NA	NA	NA
Qatar.....	.39	.42	.42	.44	.45	.45	.43	.44	.47	.48	.48	NA	NA	NA	NA
Saudi Arabia..	8.11	8.33	8.20	8.09	8.10	8.13	8.26	8.15	8.15	8.24	8.38	NA	NA	NA	NA
United Arab Emirates....	2.39	2.27	2.19	2.26	2.26	2.28	2.25	2.26	2.28	2.28	2.28	NA	NA	NA	NA
Venezuela.....	2.38	2.37	2.45	2.49	2.49	2.53	2.54	2.51	2.60	2.75	2.79	NA	NA	NA	NA
Natural Gas															
Plant Liquids	1.32	1.36	1.46	1.45	1.45	1.45	1.46	1.45	1.45	1.46	1.47	NA	NA	NA	NA
Processing Gain.	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	NA	NA	NA	NA
Total OPEC.....	24.94	26.12	27.26	27.50	27.48	27.43	27.70	27.53	27.58	28.01	28.17	NA	NA	NA	NA
Former USSR.....	10.41	8.93	8.10	7.19	6.99	6.91	6.95	7.01	6.92	7.03	7.02	NA	NA	NA	NA
China.....	2.83	2.84	2.91	2.91	2.94	2.93	2.97	2.94	2.98	2.99	3.00	NA	NA	NA	NA
Mexico.....	3.17	3.15	3.16	3.20	3.17	3.17	3.18	3.18	3.14	3.16	3.21	NA	NA	NA	NA
Other Non-OECD....	7.81	8.02	8.42	8.63	8.71	8.93	9.06	8.83	9.29	9.31	9.59	NA	NA	NA	NA
Total Non-OECD....	49.16	49.06	49.84	49.43	49.29	49.37	49.86	49.49	49.91	50.50	51.00	NA	NA	NA	NA
Total Supply.....	66.61	66.85	67.68	67.72	67.61	67.81	69.18	68.08	69.07	69.23	69.89	NA	NA	NA	NA

¹/ U.S. geographic coverage is the 50 States and the District of Columbia.

²/ North Sea includes the United Kingdom Offshore, Norway, Denmark, Netherlands Offshore, and Germany Offshore.
NA=Not Available.

Notes: *Supply includes crude oil (including lease condensate), natural gas plant liquids, (except for individual OPEC countries), other hydrogen and hydrocarbons for refinery feedstocks, alcohol, liquids produced from coal and other sources, and processing gain (except for individual OPEC countries). For OPEC, natural gas plant liquids production and processing gain are shown as separate lines. *Sum of components may not equal total due to rounding.

Sources: See end of Section 2.

Table 2.3 Oil Stocks, End of Period
(Million Barrels)

	1991				1992				1993				1994				1995			
	Year End				Quarter				Quarter				Quarter				Quarter			
	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth
OECD																				
United States ^{1/}																				
Commercial.....	1,048	1,017	1,060	994	1,032	1,092	1,061	1,007	1,017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Strategic.....	569	575	587	590	592	592	592	592	592	592	592	592	592	592	592	592	592	592	592	592
U. S. Territories.....	24	24	25	26	25	26	26	23	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Canada.....	119	107	105	103	112	118	119	124	115	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Japan.....	606	603	618	602	630	646	645	636	657	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OECD Europe																				
France.....	153	146	158	152	161	159	158	152	166	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Germany.....	288	310	309	306	308	305	312	305	301	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Italy.....	160	174	163	154	158	160	164	159	168	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
United Kingdom.....	119	113	118	109	112	114	115	105	102	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other OECD Europe.....	461	476	475	460	478	490	490	473	472	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total.....	1,181	1,219	1,221	1,181	1,216	1,227	1,240	1,194	1,209	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Australia & New Zealand	41	43	44	46	45	47	43	45	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total OECD.....	3,588	3,588	3,661	3,542	3,652	3,747	3,726	3,621	3,660	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stocks for Export																				
and Afloat ^{2/}	895	930	945	935	935	930	935	945	940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Commercial Floating ^{3/}	75	70	70	70	70	70	70	70	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

^{1/} U.S. stock data include Alaskan crude oil in transit by water. These data were previously reported in stocks for export and afloat. U.S. geographic coverage is the 50 States and the District of Columbia.

^{2/} Stocks held at export terminals of major crude oil producing countries and commercial oil afloat based on quarterly analysis of world seaborne movements.

^{3/} Stocks stored by industry in tankers moored offshore. Excludes strategic storage.

Notes: •Oil Stocks - See Note 2 in Appendix B. •Sum of components may not equal total due to rounding.

Sources: See end of Section 2.

Table 2.4 World Oil Demand, 1991-1995
(Million Barrels Per Day)

	1991			1992			1993			1994			1995		
	Annual			Annual			Annual			Quarter			Quarter		
	Average			Average			Average			First Second Third Fourth			First Second Third Fourth		
OECD															
United States ^{1/}	16.71	17.03	17.24	17.89	17.49	17.70	17.79	17.72	17.62	17.49	NA	NA	NA	NA	NA
U. S. Territories.....	.25	.22	.24	.24	.28	.24	.26	.26	.24	.26	NA	NA	NA	NA	NA
Canada.....	1.62	1.64	1.69	1.73	1.65	1.76	1.77	1.73	1.74	1.68	NA	NA	NA	NA	NA
Japan.....	5.28	5.45	5.40	6.23	5.09	5.50	5.88	5.67	6.40	5.20	NA	NA	NA	NA	NA
OECD Europe ^{2/}															
France.....	1.94	1.93	1.88	1.87	1.78	1.81	1.87	1.83	1.95	1.82	NA	NA	NA	NA	NA
Italy.....	1.86	1.94	1.85	1.86	1.72	1.78	2.00	1.84	2.02	1.85	NA	NA	NA	NA	NA
United Kingdom.....	1.80	1.80	1.81	1.87	1.82	1.78	1.87	1.84	1.89	1.78	NA	NA	NA	NA	NA
Germany ^{3/}	2.83	2.84	2.90	2.84	2.88	2.92	2.87	2.88	2.91	2.89	NA	NA	NA	NA	NA
Other OECD Europe....	4.96	5.10	5.05	5.17	5.05	5.19	5.37	5.19	5.23	5.18	NA	NA	NA	NA	NA
Total OECD Europe....	13.39	13.60	13.49	13.62	13.25	13.48	13.99	13.58	14.00	13.52	NA	NA	NA	NA	NA
Australia & New Zealand	.81	.82	.88	.90	.91	.93	.94	.92	.94	.96	NA	NA	NA	NA	NA
Total OECD.....	38.07	38.77	38.94	40.60	38.67	39.62	40.63	39.88	40.94	39.11	NA	NA	NA	NA	NA
Non-OECD															
China.....	2.50	2.66	3.11	3.10	3.10	3.10	3.20	3.13	3.29	3.29	NA	NA	NA	NA	NA
Former USSR.....	8.35	6.79	5.77	5.30	4.40	4.60	4.90	4.80	5.08	4.21	NA	NA	NA	NA	NA
Other Non-OECD.....	17.80	18.35	18.83	20.70	20.40	20.20	21.50	20.70	21.40	21.09	NA	NA	NA	NA	NA
Total Non-OECD.....	28.65	27.81	27.71	29.10	27.90	27.90	29.60	28.63	29.77	28.59	NA	NA	NA	NA	NA
Total World Demand.....	66.72	66.57	66.65	69.70	66.57	67.52	70.23	68.50	70.71	67.71	NA	NA	NA	NA	NA

^{1/} U. S. geographic coverage is the 50 States and the District of Columbia.

^{2/} "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^{3/} Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

Notes: *Oil demand includes bunkers and refinery fuel. The term Demand is used interchangeably with the terms Consumption and Petroleum Products Supplied. See Appendix C for definition. *Sum of components may not equal total due to rounding.

Sources: See end of Section 2.

Sources for Section 2 (International Oil Balance Data)

Crude Oil Production, Natural Gas Liquids Production, Other Liquids, and Refinery Gain

United States: Energy Information Administration (EIA), Petroleum Supply Annual 1994 and Petroleum Supply Monthly, October 1995.

Other Countries: Annual data -- EIA, International Energy Annual, various issues.

Monthly data -- Canada -- Maclean Hunter Publishing Company, Oilweek, various issues.
Denmark, Mexico, Netherlands, Norway, Germany, and all OPEC countries -- Petroleum and Energy Intelligence Weekly, Inc., Petroleum Intelligence Weekly, various issues.

Other Countries -- PennWell Publishing Company, Oil and Gas Journal, various issues.
Refinery Gains: National Petroleum Council, U.S. Petroleum Refinery Study, October 1986.

Oil Stocks

United States: EIA, Petroleum Supply Annual 1994 and Petroleum Supply Monthly, October 1995.

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues.

• OECD, Monthly Oil Statistics data base, 1990-1995.
Stocks for Export and Afloat and Commercial Floating Stocks -- Petroleum Economics Limited, Oil Industry Developments, various issues.

Oil Demand

United States: EIA, Petroleum Supply Annual 1994 and Petroleum Supply Monthly, October 1995.

Other OECD Countries: • OECD, Quarterly Oil Statistics and Energy Balances, various issues. • OECD, Monthly Oil Statistics data base, 1990-1995.

OPEC Countries: EIA, International Energy Annual, various issues and Short-Term Energy Outlook, various issues.

Other countries: EIA, International Energy Annual, various issues and Short-Term Energy Outlook, various issues.

3. International Oil Imports

Table 3.1 Average Net Oil Imports into OECD Countries, 1994
(Million Barrels per Day)

	Total	OECD Europe					OECD Outside Europe				
		Total	United Kingdom	France	Germany1/	Italy	Other Europe2/	United States3/	Canada	Japan	Other4/
Total Net Imports..	21.133	7.355	-0.850	1.615	2.731	1.778	2.081	7.986	-0.623	5.766	0.648
Imports from OPEC5/	16.054	6.446	.306	.989	.841	1.117	3.193	4.230	.285	4.507	.586
Imports from Persian Gulf6/											
Total.....	9.609	3.506	.174	.651	.217	.430	2.033	1.722	.119	3.946	.316
Bahrain.....	.031	.003	.001	.000	.001	.000	.001	-.002	-	.028	.004
Iran.....	1.549	1.074	.027	.156	.040	.143	.708	.000	.012	.459	.005
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	1.081	.302	.058	.016	.026	.001	.200	.312	.027	.430	.011
U.A.E.....	1.578	.067	.001	.003	.001	.000	.063	.011	.000	1.398	.102
Qatar.....	.351	.000	.000	.000	.000	.000	.000	.000	-	.328	.023
Saudi Arabia.....	5.018	2.060	.087	.477	.149	.286	1.061	1.402	.081	1.303	.171
Imports from OPEC-Africa											
Total.....	4.047	2.706	.083	.335	.546	.661	1.080	1.074	.101	.029	.137
Algeria.....	.978	.690	.035	.089	.161	.099	.307	.243	.028	.012	.005
Gabon.....	.290	.061	.000	.034	.003	.001	.024	.194	.000	.012	.023
Libya.....	1.233	1.233	.042	.059	.244	.543	.345	.000	.000	-	.000
Nigeria.....	1.546	.721	.006	.153	.139	.018	.404	.637	.073	.005	.110
Imports from OPEC-South America											
Total.....	1.703	.219	.049	.003	.079	.007	.080	1.322	.065	.009	.088
Venezuela.....	1.703	.219	.049	.003	.079	.007	.080	1.322	.065	.009	.088
Imports from OPEC-Far East											
Total.....	.727	.019	.000	.000	.000	.019	.000	.109	.000	.551	.048
Indonesia.....	.727	.019	.000	.000	.000	.019	.000	.109	.000	.551	.048

1/ The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.
2/ "Other Europe" consists of Austria, Belgium, Denmark, Finland, Greece, Iceland, Ireland, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and Turkey.
3/ U.S. geographic coverage is the 50 States and District of Columbia.
4/ "Other" consists of Australia, New Zealand, and U. S. Territories.
5/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.
6/ The Persian Gulf countries are all members of OPEC, except for Bahrain.
Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports.
•A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.
Sources: See end of Section 3.

Table 3.2 Net Oil Imports into OECD Countries, (2nd Quarter 1995)
(Million Barrels per Day)

	Total	OECD Europe					OECD Outside Europe				
		Total	United Kingdom	France	Germany ¹	Italy	Other Europe ²	United States ³	Canada	Japan	Other ⁴
Total Net Imports..	20.896	7.502	-0.719	1.783	2.702	1.841	1.895	8.003	-0.823	5.474	0.740
IMPORTS FROM OPEC ⁵ /	14.569	5.458	.272	.971	.776	1.182	2.258	4.107	.244	4.168	.592
Imports from											
Persian Gulf ⁶ /											
Total.....	8.430	2.848	.159	.704	.218	.473	1.294	1.517	.073	3.642	.349
Bahrain.....	.029	.000	.000	.000	.000	.000	.000	-.002	-	.029	.002
Iran.....	1.372	1.022	.020	.243	.032	.206	.520	.000	.007	.343	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.792	.126	.050	.043	.021	.000	.012	.213	.000	.451	.003
U.A.E.....	1.479	.003	.000	.003	.000	.000	.000	-.007	.000	1.369	.114
Qatar.....	.315	.000	.000	.000	.000	.000	.000	.000	-	.291	.023
Saudi Arabia.....	4.443	1.698	.089	.415	.165	.267	.761	1.314	.066	1.158	.207
Imports from											
OPEC-Africa											
Total.....	3.688	2.342	.046	.267	.453	.683	.894	1.057	.095	.041	.152
Algeria.....	.940	.642	.021	.109	.130	.090	.292	.230	.035	.012	.022
Gabon.....	.269	.021	.000	.011	.000	.000	.010	.242	.000	.007	-.001
Libya.....	1.221	1.221	.025	.052	.228	.586	.330	.000	.000	-	.000
Nigeria.....	1.258	.458	.000	.095	.095	.007	.261	.586	.060	.022	.131
Imports from											
OPEC-South America											
Total.....	1.809	.253	.067	.000	.105	.011	.070	1.446	.075	.002	.033
Venezuela.....	1.809	.253	.067	.000	.105	.011	.070	1.446	.075	.002	.033
Imports from											
OPEC-Far East											
Total.....	.671	.015	.000	.000	.000	.015	.000	.084	.000	.512	.060
Indonesia.....	.671	.015	.000	.000	.000	.015	.000	.084	.000	.512	.060

1/ The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

2/ "Other Europe" consists of Austria, Belgium, Denmark, Finland, Greece, Iceland, Ireland, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and Turkey.

3/ U.S. geographic coverage is the 50 States and District of Columbia.

4/ "Other" consists of Australia, New Zealand, and U. S. Territories.

5/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

6/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports.

*A dash (-) indicates no trade. *Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. *See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.3 Net Oil Imports into OECD Countries, (1st Quarter 1995)
(Million Barrels per Day)

	Total	OECD Europe					OECD Outside Europe				
		Total	United Kingdom	France	Germany1/	Italy	Other Europe2/	United States3/	Canada	Japan	Other4/
Total Net Imports..	20.337	6.738	-1.107	1.670	2.674	1.810	1.691	7.454	-0.654	6.235	0.563
Imports from OPEC5/	15.509	5.638	.228	.854	.741	1.123	2.692	4.089	.248	4.940	.593
Imports from Persian Gulf6/											
Total.....	9.271	2.892	.140	.584	.177	.408	1.584	1.592	.069	4.426	.292
Bahrain.....	.027	.000	.000	.000	.000	.000	.000	-.003	-	.024	.007
Iran.....	1.428	.937	.035	.122	.045	.170	.565	.000	.000	.486	.005
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.934	.191	.030	.022	.017	.000	.122	.239	.000	.495	.008
U.A.E.....	1.605	.016	.000	.000	.000	.000	.016	.009	.000	1.526	.054
Qatar.....	.427	.006	.000	.000	.000	.006	.000	.000	-	.404	.016
Saudi Arabia.....	4.850	1.741	.074	.440	.115	.231	.880	1.347	.069	1.491	.202
Imports from OPEC-Africa											
Total.....	3.811	2.504	.045	.264	.498	.688	1.008	1.008	.107	.028	.165
Algeria.....	.929	.631	.000	.088	.164	.110	.269	.237	.045	.000	.016
Gabon.....	.285	.065	.000	.012	.000	.000	.052	.190	.000	.007	.024
Libya.....	1.216	1.216	.035	.052	.234	.567	.327	.000	.000	-	.000
Nigeria.....	1.381	.592	.010	.111	.100	.011	.359	.581	.062	.021	.125
Imports from OPEC-South America											
Total.....	1.781	.223	.043	.007	.065	.008	.100	1.416	.073	.004	.065
Venezuela.....	1.781	.223	.043	.007	.065	.008	.100	1.416	.073	.004	.065
Imports from OPEC-Far East											
Total.....	.673	.020	.000	.000	.000	.019	.000	.070	.000	.506	.078
Indonesia.....	.673	.020	.000	.000	.000	.019	.000	.070	.000	.506	.078

1/ The data for Germany are for unified Germany, i.e., the former East Germany and West Germany.

2/ "Other Europe" consists of Austria, Belgium, Denmark, Finland, Greece, Iceland, Ireland, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and Turkey.

3/ U.S. geographic coverage is the 50 States and District of Columbia.

4/ "Other" consists of Australia, New Zealand, and U. S. Territories.

5/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

6/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.4 OECD Total Net Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total.....	22.584	21.498	20.223	21.119	21.793	19.688	20.853	20.563	20.262	20.885	21.621	21.339
United States1/....	8.611	8.635	7.646	7.527	7.653	6.977	7.296	8.073	7.488	7.860	8.666	7.950
Canada.....	-560	-683	-640	-762	-728	-724	-674	-564	-861	-818	-789	-285
OECD Europe2/.....	8.010	7.096	6.809	7.627	8.016	6.951	7.335	6.030	7.112	7.453	8.021	7.453
Main European Importers												
France.....	1.516	1.462	1.696	1.762	1.531	1.762	1.760	1.497	1.770	1.791	1.789	1.917
Germany3/.....	2.688	2.697	2.792	2.863	2.742	2.659	2.760	2.611	2.767	2.715	2.623	2.756
Italy.....	1.792	1.767	1.761	2.011	2.119	1.822	1.886	1.730	1.784	1.635	2.110	1.755
Spain.....	1.221	1.186	1.130	.986	1.166	1.240	1.113	1.135	1.144	1.056	1.096	1.063
Netherlands.....	.732	.713	.628	.562	.850	.647	.638	.410	.709	.546	.838	.874
European Net Exporters												
Norway.....	-1.803	-2.764	-2.906	-2.812	-2.607	-2.881	-2.705	-2.674	-2.946	-2.409	-2.703	-2.609
United Kingdom....	-817	-897	-1.145	-833	-970	-1.097	-993	-1.220	-1.053	-614	-495	-1.293
Smaller European Importers												
Austria.....	.203	.227	.203	.195	.228	.188	.176	.213	.206	.230	.221	.228
Belgium.....	.457	.544	.571	.455	.578	.552	.534	.472	.511	.480	.491	.433
Denmark.....	.035	.008	.059	.014	.019	.051	.022	.031	.054	-.011	.061	.063
Ireland.....	.128	.102	.109	.130	.107	.141	.098	.133	.097	.138	.089	.117
Finland.....	.243	.267	.162	.219	.455	.132	.159	.179	.269	.311	.206	.200
Greece.....	.234	.396	.258	.439	.296	.367	.462	.251	.294	.224	.282	.356
Iceland.....	.023	.004	.032	.004	.025	.011	.014	.013	.014	.024	.009	.020
Luxembourg.....	.038	.040	.037	.041	.038	.036	.035	.041	.036	.037	.038	.030
Portugal.....	.266	.168	.263	.355	.306	.227	.298	.292	.258	.304	.299	.361
Sweden.....	.276	.358	.391	.402	.389	.276	.289	.239	.390	.293	.267	.394
Switzerland.....	.273	.272	.275	.272	.264	.250	.241	.190	.249	.240	.270	.269
Turkey.....	.503	.547	.495	.563	.480	.567	.548	.485	.560	.463	.530	.520
Japan.....	6.024	5.701	5.699	6.079	6.256	6.029	6.298	6.384	5.675	5.694	5.045	5.492
Other OECD.....	.499	.749	.708	.648	.595	.455	.599	.639	.847	.695	.679	.729

1/ U.S. geographic coverage is the 50 States and District of Columbia.

2/ "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

3/ The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. •Negative numbers represent net exports. •A dash (-) indicates no trade. •Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.5 OECD Imports from OPEC (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total.....	16.591	15.921	15.684	15.948	16.792	15.185	15.595	15.756	14.236	14.506	14.967	15.080
United States ¹ /.....	4.497	4.374	4.301	4.146	4.423	3.805	4.097	4.367	3.885	4.013	4.427	4.328
Canada.....	.424	.184	.213	.161	.374	.213	.320	.219	.116	.295	.319	.278
OECD Europe ² /.....	6.431	6.515	6.068	6.390	6.590	6.053	5.540	5.312	5.388	5.255	5.738	5.513
Main European Importers												
France.....	.955	1.051	.960	.815	.955	.949	.836	.776	.857	.977	1.078	1.221
Germany ³ /.....	.787	.805	.817	.843	.829	.661	.818	.750	.715	.804	.807	.654
Italy.....	1.116	1.098	1.099	1.142	1.266	1.137	1.163	1.074	1.206	1.033	1.311	1.069
Spain.....	.783	.685	.556	.704	.665	.791	.713	.659	.672	.644	.712	.502
Netherlands.....	.997	.938	.856	.805	.967	.570	.000	.363	.000	.000	.000	.000
European Net Exporters												
Norway.....	.003	.007	.000	.005	.003	.000	.000	.028	.000	.000	.000	.000
United Kingdom.....	.413	.286	.296	.310	.269	.187	.312	.194	.299	.314	.201	.262
Smaller European Importers												
Austria.....	.034	.117	.104	.135	.166	.108	.125	.126	.151	.124	.099	.144
Belgium.....	.311	.341	.317	.259	.322	.322	.339	.241	.232	.279	.300	.227
Denmark.....	.007	.002	.007	.003	.004	.021	.019	.024	.025	.014	.000	.024
Ireland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.020	.000	.000	.001	.000	.000	.001	.000	.000	.000	.000	.023
Greece.....	.170	.297	.192	.302	.244	.295	.289	.191	.322	.173	.240	.336
Portugal.....	.196	.146	.248	.351	.198	.280	.170	.273	.159	.216	.266	.300
Sweden.....	.070	.097	.048	.096	.182	.166	.170	.140	.206	.152	.148	.165
Switzerland.....	.097	.094	.108	.098	.077	.087	.101	.028	.087	.087	.088	.062
Turkey.....	.472	.550	.459	.519	.443	.477	.485	.445	.455	.438	.488	.522
Japan.....	4.657	4.270	4.557	4.768	4.840	4.555	5.114	5.168	4.275	4.297	3.927	4.327
Other OECD.....	.582	.578	.545	.483	.563	.558	.523	.691	.572	.646	.556	.635

¹/ U.S. geographic coverage is the 50 States and District of Columbia.

²/ "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

³/ The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.
Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development; OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in these groups. *Negative numbers represent net exports. *A dash (-) indicates no trade.

*Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *See Section 4 for annual data.
Sources: See end of Section 3.

Table 3.6 OECD Imports from Persian Gulf (Most Recent 12 Months)
(Million Barrels per Day)

	1994												1995				
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July					
Total.....	10.071	9.681	9.286	9.469	9.896	8.980	9.271	9.562	8.300	8.545	8.440	8.954					
United States ¹ /.....	1.663	1.887	1.796	1.726	1.765	1.453	1.533	1.784	1.544	1.482	1.527	1.454					
Canada.....	.237	.000	.064	.000	.132	.068	.074	.064	.000	.151	.066	.067					
OECD Europe ² /.....	3.789	3.793	3.098	3.354	3.431	3.079	2.822	2.768	2.703	2.788	3.057	3.130					
Main European Importers																	
France.....	.715	.782	.527	.441	.611	.552	.599	.602	.601	.722	.788	.840					
Germany ³ /.....	.234	.224	.188	.190	.142	.093	.201	.239	.221	.211	.223	.194					
Italy.....	.433	.417	.418	.416	.416	.432	.421	.371	.422	.412	.586	.445					
Spain.....	.378	.373	.232	.271	.259	.295	.237	.222	.283	.306	.306	.202					
Netherlands.....	.785	.800	.540	.610	.662	.427	.000	.291	.000	.000	.000	.000					
European Net Exporters																	
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000					
United Kingdom....	.229	.164	.160	.154	.178	.082	.232	.114	.220	.180	.076	.135					
Smaller European Importers																	
Austria.....	.034	.044	.067	.051	.035	.012	.024	.024	.053	.025	.031	.061					
Belgium.....	.253	.295	.289	.246	.294	.313	.311	.216	.180	.226	.253	.197					
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000					
Finland.....	.020	.000	.000	.001	.000	.000	.001	.000	.000	.000	.000	.001					
Greece.....	.158	.210	.143	.247	.218	.238	.254	.160	.261	.144	.211	.288					
Portugal.....	.095	.019	.137	.205	.111	.149	.088	.099	.054	.111	.145	.189					
Sweden.....	.031	.000	.000	.066	.127	.109	.119	.098	.145	.106	.104	.116					
Switzerland.....	.027	.019	.013	.005	.004	.000	.000	.000	.015	.010	.010	.009					
Turkey.....	.398	.446	.384	.450	.372	.377	.334	.333	.248	.334	.323	.451					
Japan.....	3.986	3.636	3.989	4.156	4.262	4.119	4.519	4.650	3.689	3.809	3.421	3.868					
Other OECD.....	.396	.365	.338	.234	.307	.260	.322	.296	.365	.315	.369	.436					

¹/ U.S. geographic coverage is the 50 States and District of Columbia.

²/ "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

³/ The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.
 Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. •"Persian Gulf" consists of Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. •Negative numbers represent net exports.
 •A dash (-) indicates no trade. •Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.7 United States—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total Net Imports..	8.611	8.635	7.646	7.527	7.653	6.977	7.296	8.073	7.488	7.860	8.666	7.950
Imports from OPEC ¹ /	4.497	4.374	4.301	4.146	4.423	3.805	4.097	4.367	3.885	4.013	4.427	4.328
Imports from Persian Gulf ² /												
Total.....	1.663	1.887	1.796	1.726	1.765	1.453	1.533	1.784	1.544	1.482	1.527	1.454
Bahrain.....	-.003	.000	-.006	.000	-.003	-.003	-.004	-.003	.000	-.003	-.004	-.004
Iran.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.306	.361	.165	.249	.240	.137	.346	.252	.171	.208	.260	.195
U.A.E.....	-.003	.040	.036	.000	.003	.017	.010	.000	-.002	-.003	-.016	-.002
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	1.363	1.486	1.601	1.477	1.525	1.309	1.181	1.535	1.375	1.280	1.287	1.265
Imports from OPEC-Africa												
Total.....	1.461	1.009	1.021	.942	1.152	.975	1.007	1.042	.881	.972	1.321	1.264
Algeria.....	.282	.237	.217	.203	.259	.168	.358	.196	.251	.163	.277	.257
Gabon.....	.142	.194	.235	.254	.154	.224	.186	.159	.163	.206	.357	.296
Libya.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	1.037	.578	.569	.485	.739	.583	.463	.687	.467	.603	.687	.711
Imports from OPEC-South America												
Total.....	1.251	1.417	1.382	1.410	1.393	1.336	1.424	1.490	1.368	1.491	1.479	1.505
Venezuela.....	1.251	1.417	1.382	1.410	1.393	1.336	1.424	1.490	1.368	1.491	1.479	1.505
Imports from OPEC-Far East												
Total.....	.119	.061	.096	.068	.110	.038	.129	.048	.092	.065	.096	.101
Indonesia.....	.119	.061	.096	.068	.110	.038	.129	.048	.092	.065	.096	.101

¹/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

²/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •U.S. geographic coverage is the 50 States and District of Columbia. •Negative numbers represent net exports. •A dash (-) indicates no trade.

•Zeros (0.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.8 Japan—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1995											
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total Net Imports..	6.024	5.701	5.699	6.079	6.256	6.029	6.298	6.384	5.675	5.694	5.045	5.492
Imports from OPEC ^{1/}	4.657	4.270	4.557	4.768	4.840	4.555	5.114	5.168	4.275	4.297	3.927	4.327
Imports from												
Persian Gulf ^{2/}	3.986	3.636	3.989	4.156	4.262	4.119	4.519	4.650	3.689	3.809	3.421	3.868
Total.....	.030	.038	.024	.031	.023	.035	.018	.018	.029	.013	.045	.052
Bahrain.....	.340	.446	.522	.440	.516	.449	.441	.565	.357	.350	.322	.464
Iran.....	.415	.487	.425	.481	.523	.498	.544	.450	.422	.401	.531	.480
Kuwait.....	1.485	1.173	1.459	1.550	1.459	1.384	1.649	1.556	1.446	1.420	1.239	1.306
U.A.E.....	.242	.313	.311	.272	.334	.369	.373	.468	.289	.377	.205	.286
Qatar.....	1.473	1.179	1.249	1.382	1.407	1.384	1.496	1.593	1.144	1.249	1.079	1.280
Saudi Arabia.....												
Imports from												
OPEC-Africa												
Total.....	.000	.100	.014	.041	.029	.000	.074	.013	.084	.016	.024	.055
Algeria.....	.000	.000	.014	.007	.000	.000	.000	.000	.000	.012	.024	.035
Gabon.....	.000	.100	.000	.000	.000	.000	.022	.000	.022	.000	.000	.021
Nigeria.....	.000	.000	.000	.034	.029	.000	.051	.013	.063	.004	.000	.000
Imports from												
OPEC-South America												
Total.....	.015	.000	.015	.000	.015	.000	.014	.000	.000	.006	.000	.000
Venezuela.....	.015	.000	.015	.000	.015	.000	.014	.000	.000	.006	.000	.000
Imports from												
OPEC-Far East												
Total.....	.686	.572	.562	.602	.557	.471	.525	.523	.531	.479	.527	.456
Indonesia.....	.686	.572	.562	.602	.557	.471	.525	.523	.531	.479	.527	.456

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis.
•Negative numbers represent net exports. •A dash (-) indicates no trade. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.9 OECD Europe—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total Net Imports..	8.010	7.096	6.809	7.627	8.016	6.951	7.335	6.030	7.112	7.453	8.021	7.453
Imports from OPEC1/	6.431	6.515	6.068	6.390	6.590	6.053	5.540	5.312	5.388	5.255	5.738	5.513
Imports from Persian Gulf2/												
Total.....	3.789	3.793	3.098	3.354	3.431	3.079	2.822	2.768	2.703	2.788	3.057	3.130
Bahrain.....	.000	.017	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	1.407	1.173	1.032	1.232	.913	.989	.948	.876	.750	1.104	1.209	1.181
Iraq.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.342	.299	.285	.252	.303	.259	.161	.150	.190	.086	.103	.082
U.A.E.....	.074	.041	.100	.049	.022	.047	.000	.000	.000	.000	.008	.101
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.018	.000	.000	.000	.000
Saudi Arabia.....	1.966	2.264	1.681	1.821	2.193	1.784	1.712	1.725	1.763	1.598	1.737	1.766
Imports from OPEC-Africa												
Total.....	2.400	2.531	2.669	2.810	2.833	2.744	2.480	2.284	2.413	2.197	2.423	2.164
Algeria.....	.716	.691	.682	.831	.677	.595	.729	.578	.783	.551	.593	.468
Gabon.....	.064	.033	.054	.043	.064	.129	.000	.059	.043	.010	.010	.060
Libya.....	1.255	1.209	1.188	1.132	1.321	1.223	1.228	1.199	1.181	1.203	1.281	1.092
Nigeria.....	.365	.597	.746	.805	.772	.797	.523	.448	.406	.432	.538	.544
Imports from OPEC-South America												
Total.....	.209	.190	.292	.205	.299	.207	.220	.243	.255	.244	.259	.219
Venezuela.....	.209	.190	.292	.205	.299	.207	.220	.243	.255	.244	.259	.219
Imports from OPEC-Far East												
Total.....	.033	.018	.008	.022	.028	.023	.018	.017	.017	.027	.000	.000
Indonesia.....	.033	.018	.008	.022	.028	.023	.018	.017	.017	.027	.000	.000

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *"OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom. *Negative numbers represent net exports.

*A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day.

*See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.10 France—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total Net Imports..	1.516	1.462	1.696	1.762	1.531	1.762	1.760	1.497	1.770	1.791	1.789	1.917
Imports from OPEC1/	.955	1.051	.960	.815	.955	.949	.836	.776	.857	.977	1.078	1.221
Imports from Persian Gulf2/												
Total.....	.715	.782	.527	.441	.611	.552	.599	.602	.601	.722	.788	.840
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.220	.283	.159	.046	.092	.147	.084	.130	.124	.259	.347	.277
Kuwait.....	.059	.000	.000	.000	.000	.000	.071	.000	.064	.000	.065	.000
U.A.E.....	.000	.004	.000	.000	.000	.000	.000	.000	.000	.000	.008	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.436	.495	.368	.395	.518	.404	.444	.472	.413	.463	.368	.563
Imports from OPEC-Africa												
Total.....	.240	.269	.423	.375	.345	.395	.224	.168	.256	.255	.289	.381
Algeria.....	.111	.061	.120	.126	.094	.087	.131	.051	.131	.111	.085	.124
Gabon.....	.032	.000	.032	.000	.063	.036	.000	.000	.032	.000	.000	.000
Libya.....	.042	.044	.050	.037	.037	.072	.027	.055	.016	.064	.076	.040
Nigeria.....	.054	.164	.221	.212	.151	.200	.067	.062	.077	.081	.128	.217
Imports from OPEC-South America												
Total.....	.000	.000	.009	.000	.000	.003	.013	.006	.000	.000	.000	.000
Venezuela.....	.000	.000	.009	.000	.000	.003	.013	.006	.000	.000	.000	.000
Imports from OPEC-Far East												
Total.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Indonesia.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •Negative numbers represent net exports. •A dash (-) indicates no trade. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.11 Germany—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total Net Imports..	2.688	2.697	2.792	2.863	2.742	2.659	2.760	2.611	2.767	2.715	2.623	2.756
Imports from OPEC ^{1/}	.787	.805	.817	.843	.829	.661	.818	.750	.715	.804	.807	.654
Imports from Persian Gulf ^{2/}												
Total.....	.234	.224	.188	.190	.142	.093	.201	.239	.221	.211	.223	.194
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.069	.028	.041	.045	.033	.004	.072	.062	.030	.043	.024	.046
Kuwait.....	.026	.029	.025	.037	.022	.007	.027	.018	.020	.042	.001	.010
U.A.E.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.140	.167	.122	.108	.087	.082	.103	.160	.172	.127	.198	.138
Imports from OPEC-Africa												
Total.....	.508	.502	.533	.536	.580	.497	.547	.455	.393	.490	.473	.388
Algeria.....	.182	.134	.134	.159	.177	.164	.173	.155	.157	.111	.123	.071
Gabon.....	.000	.000	.022	.009	.001	.000	.000	.000	.000	.000	.000	.028
Libya.....	.262	.274	.258	.231	.231	.225	.257	.223	.183	.247	.253	.215
Nigeria.....	.064	.093	.119	.137	.171	.108	.118	.077	.052	.132	.098	.074
Imports from OPEC-South America												
Total.....	.045	.080	.097	.117	.107	.071	.070	.056	.101	.102	.111	.072
Venezuela.....	.045	.080	.097	.117	.107	.071	.070	.056	.101	.102	.111	.072
Imports from OPEC-Far East												
Total.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Indonesia.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

^{1/} OPEC—Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

^{2/} The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany. *Negative numbers represent net exports.

*A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.12 Italy—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total Net Imports...	1.792	1.767	1.761	2.011	2.119	1.822	1.886	1.730	1.784	1.635	2.110	1.755
Imports from OPEC1/	1.116	1.098	1.099	1.142	1.266	1.137	1.163	1.074	1.206	1.033	1.311	1.069
Persian Gulf2/												
Total.....	.433	.417	.418	.416	.416	.432	.421	.371	.422	.412	.586	.445
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.131	.145	.153	.186	.069	.200	.192	.120	.180	.166	.273	.167
Kuwait.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
U.A.E.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.018	.000	.000	.000	.000
Saudi Arabia.....	.301	.272	.265	.230	.347	.232	.228	.234	.242	.247	.313	.278
Imports from OPEC-Africa												
Total.....	.630	.647	.666	.694	.808	.665	.724	.680	.767	.578	.708	.600
Algeria.....	.074	.117	.098	.191	.114	.117	.134	.081	.129	.055	.086	.061
Gabon.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Libya.....	.555	.530	.549	.494	.664	.534	.580	.590	.631	.518	.611	.500
Nigeria.....	.000	.000	.019	.009	.030	.014	.010	.009	.006	.006	.011	.039
Imports from OPEC-South America												
Total.....	.020	.016	.007	.011	.015	.017	.000	.006	.000	.016	.017	.023
Venezuela.....	.020	.016	.007	.011	.015	.017	.000	.006	.000	.016	.017	.023
Imports from OPEC-Far East												
Total.....	.033	.018	.008	.021	.027	.023	.018	.017	.017	.027	.000	.000
Indonesia.....	.033	.018	.008	.021	.027	.023	.018	.017	.017	.027	.000	.000

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •Negative numbers represent net exports. •A dash (-) indicates no trade. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.13 OECD Imports from Kuwait (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July
Total.....	1.187	1.146	0.891	0.995	1.067	0.901	1.053	0.860	0.782	0.704	0.893	0.766
United States ^{1/}	.306	.361	.165	.249	.240	.130	.346	.252	.171	.208	.260	.195
Canada.....	.109	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000
OECD Europe ^{2/}	.342	.299	.285	.252	.303	.259	.161	.150	.190	.086	.103	.082
Main European Importers												
France.....	.059	.000	.000	.000	.000	.000	.071	.000	.064	.000	.065	.000
Germany ^{3/}	.026	.029	.025	.037	.022	.007	.027	.018	.020	.042	.001	.010
Italy.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Spain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Netherlands.....	.182	.189	.188	.137	.214	.231	.000	.087	.000	.000	.000	.000
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom.....	.059	.059	.057	.061	.056	.000	.064	.029	.091	.029	.030	.058
Smaller European Importers												
Austria.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Belgium.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Greece.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Portugal.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Sweden.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Switzerland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Turkey.....	.015	.022	.015	.017	.011	.021	.000	.016	.016	.015	.006	.013
Japan.....	.415	.487	.425	.481	.523	.498	.544	.450	.422	.401	.531	.480
Other OECD.....	.015	.000	.016	.012	.001	.014	.002	.008	-.001	.009	.000	.009

^{1/} U.S. geographic coverage is the 50 States and District of Columbia.

^{2/} "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^{3/} The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *See Section 4 for annual data.

Sources: See end of Section 3.

Sources for Section 3 (International Oil Imports)

Oil Imports

United States: • Energy Information Administration (EIA), Petroleum Supply Annual 1994 and Petroleum Supply Monthly, October 1995.
Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues.
• OECD, Monthly Oil Statistics data base, 1991-1995.

4. Historical Oil Data Series 1970-1994

Table 4.1a World Crude Oil Production (Including Lease Condensate), 1970-1994
(Thousand Barrels per Day)

	Algeria	Gabon	Indo- nesia	Iran	Iraq	Kuwait1/ Libya	Nigeria	Qatar	Saudi Arabia1/ Emirates	United Arab Emirates	Vene- zuela	Total OPEC	
1970 Average.....	1,029	109	854	3,829	1,549	2,990	3,318	1,083	362	3,799	780	3,708	23,410
1971 Average.....	785	115	892	4,540	1,694	3,197	2,761	1,531	431	4,769	1,060	3,549	25,324
1972 Average.....	1,062	125	1,081	5,023	1,466	3,283	2,239	1,816	482	6,016	1,203	3,220	27,016
1973 Average.....	1,097	150	1,339	5,861	2,018	3,020	2,175	2,054	570	7,596	1,533	3,366	30,779
1974 Average.....	1,009	202	1,375	6,022	1,971	2,546	1,521	2,255	518	8,480	1,679	2,976	30,552
1975 Average.....	983	223	1,307	5,350	2,262	2,084	1,480	1,783	438	7,075	1,664	2,346	26,994
1976 Average.....	1,075	223	1,504	5,883	2,415	2,145	1,933	2,067	497	8,577	1,936	2,294	30,549
1977 Average.....	1,152	222	1,686	5,663	2,348	1,969	2,063	2,085	445	9,245	1,999	2,238	31,115
1978 Average.....	1,231	209	1,635	5,242	2,563	2,131	1,983	1,897	487	8,301	1,831	2,165	29,673
1979 Average.....	1,224	203	1,591	3,168	2,477	2,500	2,092	2,302	508	9,532	1,831	2,356	30,784
1980 Average.....	1,106	175	1,577	1,662	2,514	1,656	1,787	2,055	472	9,900	1,709	2,168	26,781
1981 Average.....	1,002	151	1,605	1,380	1,000	1,125	1,140	1,433	405	9,815	1,474	2,102	22,632
1982 Average.....	987	156	1,339	2,214	1,012	823	1,150	1,295	330	6,483	1,250	1,895	18,934
1983 Average.....	968	157	1,343	2,440	1,005	1,064	1,105	1,241	295	5,086	1,149	1,801	17,654
1984 Average.....	1,014	157	1,412	2,174	1,209	1,157	1,087	1,388	394	4,663	1,146	1,798	17,599
1985 Average.....	1,037	172	1,325	2,250	1,433	1,023	1,059	1,495	301	3,388	1,193	1,677	16,353
1986 Average.....	945	166	1,390	2,035	1,690	1,419	1,034	1,467	308	4,870	1,330	1,787	18,441
1987 Average.....	1,048	155	1,343	2,298	2,079	1,585	972	1,341	293	4,265	1,541	1,752	18,672
1988 Average.....	1,040	159	1,342	2,240	2,685	1,492	1,175	1,450	346	5,086	1,565	1,903	20,483
1989 Average.....	1,095	208	1,409	2,810	2,897	1,783	1,150	1,716	380	5,064	1,860	2,137	22,279
1990 Average.....	1,175	270	1,462	3,088	2,040	1,175	1,375	1,810	406	6,410	2,117	2,375	23,465
1991 Average.....	1,230	294	1,592	3,312	305	1,90	1,483	1,892	395	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	1,943	423	8,332	2,266	2,371	24,695
1993 Average.....	1,190	312	1,528	3,650	512	1,872	1,377	2,050	419	8,198	2,191	2,450	25,748
1994 Average P.....	1,170	329	1,514	3,635	553	2,034	1,378	2,037	444	8,147	2,263	2,514	26,017

¹/ Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1970 through 1989 and beginning in June 1991. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. From August 1990 through May 1991, all production in the Neutral Zone was included in the data for Saudi Arabia.

P=Preliminary.

Notes: *OPEC=Organization of Petroleum Exporting Countries.
Sources: See end of Section 4.

Table 4.1b World Crude Oil Production (Including Lease Condensate), 1970-1994
(Thousand Barrels per Day)

	Norway	United Kingdom	North Sea/ Seal	Angola	Argentina	Australia	Brazil	Canada	China	Colombia	Ecuador
1970 Average.....	0	2	0	112	393	178	167	1,263	600	219	4
1971 Average.....	6	2	6	93	423	309	174	1,348	780	214	4
1972 Average.....	33	2	35	140	433	327	167	1,532	900	196	78
1973 Average.....	32	2	36	162	420	369	169	1,798	1,090	184	209
1974 Average.....	35	2	38	169	414	388	176	1,551	1,315	168	177
1975 Average.....	189	12	202	165	395	409	177	1,430	1,490	157	161
1976 Average.....	279	245	525	108	398	426	167	1,314	1,670	146	188
1977 Average.....	280	768	1,055	194	431	431	161	1,321	1,874	138	183
1978 Average.....	356	1,082	1,446	131	453	432	160	1,316	2,082	131	202
1979 Average.....	403	1,568	1,976	147	473	441	166	1,500	2,122	124	214
1980 Average.....	528	1,622	2,151	150	491	380	182	1,435	2,114	126	204
1981 Average.....	501	1,811	2,322	130	496	394	213	1,285	2,012	125	211
1982 Average.....	520	2,065	2,617	122	491	370	260	1,271	2,045	141	211
1983 Average.....	614	2,291	2,965	177	491	416	339	1,356	2,120	152	237
1984 Average.....	697	2,480	3,250	208	478	492	475	1,438	2,296	168	258
1985 Average.....	788	2,530	3,417	231	460	575	564	1,471	2,505	176	281
1986 Average.....	870	2,539	3,547	282	434	520	572	1,474	2,620	305	293
1987 Average.....	1,022	2,406	3,584	360	428	547	566	1,535	2,690	385	174
1988 Average.....	1,158	2,232	3,540	452	449	538	554	1,616	2,730	378	302
1989 Average.....	1,554	1,802	3,515	455	460	490	596	1,560	2,757	403	279
1990 Average.....	1,704	1,820	3,667	475	483	575	631	1,553	2,774	440	285
1991 Average.....	1,890	1,797	3,811	500	485	545	630	1,548	2,835	419	299
1992 Average.....	2,230	1,825	4,182	526	553	535	626	1,605	2,845	433	321
1993 Average.....	2,264	1,915	4,315	501	575	502	643	1,680	2,911	453	346
1994 Average P.....	2,521	2,375	5,058	538	650	536	671	1,743	2,939	455	378

1/ North Sea includes the United Kingdom Offshore, Norway, Denmark, Netherlands Offshore, and Germany Offshore.
P=Preliminary.

Sources: See end of Section 4.

Table 4.1c World Crude Oil Production (Including Lease Condensate), 1970-1994
(Thousand Barrels per Day)

	Egypt	India	Malaysia	Mexico	Oman	Russia	Former U.S.S.R.	Syria	United States	Other ¹ / World	
1970 Average.....	326	144	18	487	332	---	6,985	80	9,637	1,529	45,886
1971 Average.....	293	143	69	486	294	---	7,475	100	9,463	1,518	48,518
1972 Average.....	231	156	93	505	282	---	7,890	124	9,441	1,592	51,138
1973 Average.....	165	147	91	465	293	---	8,324	105	9,208	1,667	55,679
1974 Average.....	150	156	81	571	290	---	8,912	124	8,774	1,711	55,716
1975 Average.....	235	165	98	705	343	---	9,523	170	8,375	1,636	52,828
1976 Average.....	330	175	165	831	366	---	10,060	175	8,132	1,620	57,344
1977 Average.....	415	199	184	981	341	---	10,603	188	8,245	1,655	59,707
1978 Average.....	485	226	217	1,209	315	---	11,105	170	8,707	1,706	60,158
1979 Average.....	525	245	283	1,461	295	---	11,384	166	8,552	1,821	62,674
1980 Average.....	595	182	283	1,936	282	---	11,706	164	8,597	1,841	59,599
1981 Average.....	598	325	264	2,313	319	---	11,850	166	8,572	1,859	56,076
1982 Average.....	670	390	306	2,748	324	---	11,912	160	8,649	1,892	53,481
1983 Average.....	727	480	365	2,689	375	---	11,972	167	8,688	1,945	53,255
1984 Average.....	822	519	440	2,780	414	---	11,861	170	8,879	2,014	54,488
1985 Average.....	887	620	440	2,745	498	---	11,585	178	8,971	2,123	53,981
1986 Average.....	813	630	504	2,435	560	---	11,895	194	8,680	2,166	56,227
1987 Average.....	896	609	497	2,548	582	---	12,050	230	8,349	2,120	56,666
1988 Average.....	848	635	540	2,512	617	---	12,053	265	8,140	2,235	58,737
1989 Average.....	865	700	585	2,520	641	---	11,715	340	7,613	2,249	59,863
1990 Average.....	873	660	619	2,553	685	---	10,975	388	7,355	2,253	60,566
1991 Average.....	874	615	646	2,680	700	---	9,992	492	7,417	2,274	60,207
1992 Average.....	881	561	653	2,669	740	---	---	481	7,171	3,229	60,213
1993 Average.....	892	543	648	2,671	776	6,890	---	570	6,847	3,267	60,640
1994 Average P....	875	599	645	2,689	805	5,821	---	579	6,662	3,417	60,916

¹/ Other is a calculated total derived from the difference between "World" and the sum of production in "Total OPEC" (Table 1.1a) and all other countries listed (Tables 1.1b and 1.1c). The total "North Sea" is not subtracted from the world total, though Norway and the United Kingdom have been subtracted.

--- = Not applicable. P=Preliminary.

Sources: See end of Section 4.

Table 4.2 OPEC Crude Oil Production (Excluding Condensate), 1980-1994
(Thousand Barrels per Day)

	Algeria	Gabon	Indo- nesia	Iran	Iraq	Kuwait ¹ / Libya	Nigeria	Qatar	Saudi Arabia ¹ / Emirates	United Arab Emirates	Vene- zuela	Total OPEC
1980 Average...	1,006	175	1,497	1,662	2,514	1,656	2,045	472	9,900	1,704	2,147	26,565
1981 Average...	802	151	1,513	1,380	1,000	1,125	1,423	405	9,815	1,469	2,083	22,306
1982 Average...	712	156	1,247	2,214	1,012	823	1,285	330	6,483	1,215	1,878	18,505
1983 Average...	648	157	1,245	2,440	1,005	1,064	1,231	295	5,086	1,109	1,768	17,153
1984 Average...	694	157	1,279	2,174	1,209	1,157	1,368	394	4,663	1,091	1,689	16,962
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,475	301	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,447	308	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	1,291	293	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	305	1,190	1,832	395	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,820	423	8,332	2,206	2,334	23,856
1993 Average...	760	312	1,348	3,650	512	1,872	1,925	419	8,198	2,141	2,410	24,924
1994 Average P.	740	329	1,334	3,600	548	2,034	1,887	409	8,147	2,183	2,474	25,062

¹/ Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1980 through July 1990 and beginning in June 1991. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. From August 1990 through May 1991, all production in the Neutral Zone was included in the data for Saudi Arabia.

P=Preliminary.

Note: OPEC=Organization of Petroleum Exporting Countries. See Appendix A for Countries in this group.

Sources: See end of Section 4.

Table 4.3 World Natural Gas Plant Liquids Production, 1970-1994
(Thousand Barrels per Day)

	Algeria	Canada	Mexico	Saudi Arabia	Former USSR	United States ¹ /	Persian Gulf ² /	OPEC ³ /	OPEC ³ /	World
1970 Average.....	3	200	58	50	120	1,660	119	137	205	2,383
1971 Average.....	4	234	59	50	135	1,693	138	147	243	2,508
1972 Average.....	4	293	61	55	155	1,744	155	159	275	2,676
1973 Average.....	9	314	75	90	170	1,738	191	196	324	2,785
1974 Average.....	12	314	80	130	190	1,688	231	219	347	2,789
1975 Average.....	20	309	80	140	205	1,633	246	252	372	2,790
1976 Average.....	24	289	95	185	220	1,603	291	313	442	2,865
1977 Average.....	19	290	105	215	235	1,618	335	366	482	2,982
1978 Average.....	25	281	115	250	255	1,567	410	447	566	3,078
1979 Average.....	30	331	150	303	270	1,584	458	535	637	3,285
1980 Average.....	36	331	193	369	285	1,573	534	618	732	3,444
1981 Average.....	49	330	241	433	300	1,550	599	691	825	3,625
1982 Average.....	58	318	255	430	315	1,559	612	721	842	3,626
1983 Average.....	56	309	265	330	330	1,559	552	655	780	3,635
1984 Average.....	105	336	257	355	340	1,630	604	761	869	3,869
1985 Average.....	120	337	271	375	350	1,609	645	808	892	3,938
1986 Average.....	120	328	352	385	440	1,551	700	860	969	4,150
1987 Average.....	140	367	338	418	430	1,595	721	900	1,006	4,279
1988 Average.....	120	381	370	499	450	1,625	808	979	1,077	4,481
1989 Average.....	130	410	384	503	425	1,546	851	1,041	1,188	4,503
1990 Average.....	130	426	428	620	425	1,559	930	1,107	1,281	4,629
1991 Average.....	140	431	457	680	420	1,659	950	1,132	1,318	4,843
1992 Average.....	140	460	454	713	390	1,697	1,003	1,185	1,364	4,953
1993 Average.....	145	503	457	704	380	1,736	1,092	1,270	1,455	5,157
1994 Average P....	145	538	461	698	400	1,727	1,083	1,260	1,453	5,280

¹/ U.S. geographic coverage is the 50 States and the District of Columbia.

²/ See Appendix A for countries in this group.

³/ OPEC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

P=Preliminary.

Sources: See end of Section 4.

Table 4.4 World Oil Supply, 1970-1994
(Thousand Barrels per Day)

	United States ^{1/}	Persian Gulf ^{2/}	OAPEC ^{3/}	OPEC ^{3/}	World
1970 Average.....	11,673	13,541	14,571	23,676	48,986
1971 Average.....	11,554	15,940	15,427	25,629	51,766
1972 Average.....	11,601	17,734	16,451	27,353	54,574
1973 Average.....	11,428	20,895	18,656	31,165	59,300
1974 Average.....	10,978	21,550	18,399	30,964	59,391
1975 Average.....	10,505	19,223	16,831	27,441	56,511
1976 Average.....	10,251	21,847	19,563	31,064	61,121
1977 Average.....	10,437	22,098	20,372	31,665	63,665
1978 Average.....	10,820	21,067	19,819	30,329	64,225
1979 Average.....	10,707	21,569	22,575	31,503	66,973
1980 Average.....	10,809	18,541	20,715	27,595	64,153
1981 Average.....	10,739	15,894	17,619	23,545	60,763
1982 Average.....	10,783	12,815	13,786	19,859	58,226
1983 Average.....	10,788	11,676	12,416	18,510	58,056
1984 Average.....	11,107	11,433	12,619	18,547	59,645
1985 Average.....	11,192	10,320	11,498	17,324	59,264
1986 Average.....	10,905	12,441	13,653	19,477	61,771
1987 Average.....	10,648	12,869	13,992	19,745	62,410
1988 Average.....	10,473	14,310	15,662	21,625	64,673
1989 Average.....	9,880	15,733	16,658	23,532	65,854
1990 Average.....	9,677	16,249	17,232	24,807	66,710
1991 Average.....	9,883	15,723	16,766	24,939	66,614
1992 Average.....	9,768	17,010	17,871	26,117	66,855
1993 Average.....	9,602	18,012	18,657	27,261	67,680
1994 Average P.....	9,413	18,230	18,855	27,527	68,085

^{1/} U.S. geographic coverage is the 50 States and the District of Columbia.

^{2/} See Appendix A for countries in this group.

^{3/} OAPEC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries.

See Appendix A for countries in this group.

P=Preliminary.

Note: Oil Supply includes crude oil, natural gas plant liquids, other liquids, and refinery gain. See Explanatory Note 1 in Appendix B.

Sources: See end of Section 4.

Table 4.5 Oil Stocks in OECD Countries, End of Year
(Million Barrels)

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1973 December.....	201	152	181	156	1,070	1,008	140	303	67	2,588
1974 December.....	249	167	213	191	1,227	1,074	145	370	64	2,880
1975 December.....	225	143	187	165	1,154	1,133	174	375	67	2,903
1976 December.....	234	143	208	165	1,205	1,112	153	380	68	2,918
1977 December.....	239	161	225	148	1,268	1,312	167	409	68	3,122
1978 December.....	201	154	238	157	1,219	1,278	144	413	68	3,122
1979 December.....	226	163	272	169	1,353	1,341	150	460	75	3,379
1980 December.....	243	170	319	168	1,464	1,392	164	495	72	3,587
1981 December.....	214	167	297	143	1,337	1,484	161	482	67	3,531
1982 December.....	193	179	272	125	1,258	1,430	136	484	68	3,376
1983 December.....	153	149	249	118	1,142	1,454	121	470	68	3,255
1984 December.....	152	159	239	112	1,130	1,556	128	479	69	3,362
1985 December.....	139	157	233	123	1,092	1,519	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	1,593	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	1,607	126	540	71	3,474
1988 December.....	140	155	266	112	1,118	1,597	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	1,581	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	1,621	121	590	73	3,568
1991 December.....	153	160	288	119	1,181	1,617	119	606	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	1,647	105	618	69	3,661
1994 December P....	158	164	312	115	1,240	1,653	119	645	69	3,726

^{1/} Data through December 1990 are for the former West Germany. Beginning with January 1991, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

^{2/} "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^{3/} U.S. geographic coverage is the 50 States and the District of Columbia. In the United States in January 1975, 1981, and 1983, numerous respondents were added to bulk terminal and pipeline surveys affecting subsequent stocks reported. Using the new basis, the end-of-year U.S. stocks, in million barrels, would have been 1,121 in 1974, 1,425 in 1980, and 1,461 in 1982.

^{4/} "Other" consists of Australia, New Zealand, and the U.S. Territories.

P=Preliminary.

Note: Oil Stocks - See Explanatory Note 2 in Appendix B.

Sources: See end of Section 4.

Table 4.6 OECD Oil Demand, 1970-1994

(Thousand Barrels per Day)

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	OECD Excluding			OECD Including	World Total
									Other ^{4/}	East Germany	East Germany	East Germany	
1970 Average...	1,937	1,710	2,607	2,096	12,404	14,697	1,516	3,817	836	33,270	223	33,493	46,808
1971 Average...	2,115	1,838	2,702	2,141	13,005	15,213	1,565	4,142	831	34,755	238	34,993	49,416
1972 Average...	2,322	1,947	2,859	2,284	13,934	16,367	1,664	4,363	948	37,275	270	37,545	53,094
1973 Average...	2,601	2,068	3,055	2,341	14,925	17,308	1,729	4,949	988	39,900	282	40,182	57,237
1974 Average...	2,447	2,004	2,748	2,210	13,988	16,653	1,779	4,864	1,095	38,379	307	38,686	56,677
1975 Average...	2,252	1,855	2,650	1,911	13,217	16,322	1,779	4,621	1,041	36,980	307	37,287	56,198
1976 Average...	2,420	1,971	2,877	1,892	14,124	17,461	1,818	4,837	1,119	39,358	329	39,687	59,673
1977 Average...	2,294	1,897	2,865	1,905	13,916	18,431	1,850	4,880	1,160	40,237	347	40,584	61,826
1978 Average...	2,408	1,952	2,927	1,938	14,290	18,847	1,902	4,945	1,204	41,187	363	41,550	64,158
1979 Average...	2,463	2,039	3,003	1,971	14,667	18,513	1,971	5,050	1,178	41,379	369	41,748	65,220
1980 Average...	2,256	1,934	2,707	1,725	13,634	17,056	1,873	4,960	1,072	38,595	375	38,970	63,067
1981 Average...	2,023	1,874	2,449	1,590	12,515	16,058	1,768	4,848	1,088	36,269	355	36,624	60,903
1982 Average...	1,880	1,781	2,372	1,590	12,053	15,296	1,578	4,582	1,008	34,517	371	34,888	59,503
1983 Average...	1,835	1,750	2,324	1,531	11,765	15,231	1,448	4,395	954	33,793	336	34,129	58,744
1984 Average...	1,754	1,646	2,322	1,849	11,736	15,726	1,472	4,576	989	34,500	340	34,840	59,836
1985 Average...	1,775	1,717	2,338	1,634	11,681	15,726	1,504	4,384	976	34,271	362	34,633	60,098
1986 Average...	1,772	1,738	2,498	1,649	12,102	16,281	1,506	4,439	951	35,279	362	35,641	61,762
1987 Average...	1,789	1,855	2,424	1,603	12,255	16,665	1,548	4,484	959	35,911	342	36,253	63,010
1988 Average...	1,797	1,836	2,422	1,697	12,427	17,283	1,693	4,752	939	37,093	322	37,415	64,832
1989 Average...	1,857	1,930	2,280	1,738	12,531	17,325	1,733	4,983	998	37,570	301	37,871	66,030
1990 Average...	1,818	1,872	2,382	1,752	12,629	16,988	1,690	5,140	1,027	37,475	283	37,758	66,155
1991 Average...	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	---	---	38,067	66,715
1992 Average...	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	---	---	38,768	66,574
1993 Average...	1,875	1,852	2,900	1,815	13,492	17,237	1,688	5,401	1,117	---	---	38,935	66,647
1994 Average P	1,833	1,841	2,879	1,837	13,584	17,718	1,727	5,674	1,173	---	---	39,876	68,501

1/ Data through 1990 are for the former West Germany. Beginning with January 1991, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

2/ "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

3/ U.S. geographic coverage is the 50 States and the District of Columbia.

4/ "Other" consists of Australia, New Zealand, and the U.S. Territories.

P=Preliminary. ---Not Applicable.

Note: The term Demand is used interchangeably with Consumption and Petroleum Products Supplied. See Appendix C for definition.

Sources: See end of Section 4.

Table 4.7 OECD Total Net Imports, 1984-1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total.....	16.962	15.878	17.670	18.008	18.706	20.082	20.456	20.414	20.783	21.226	21.133
United States ¹ /.....	4.715	4.286	5.439	5.914	6.587	7.202	7.161	6.626	6.938	7.618	7.986
Canada.....	-.309	-.419	-.391	-.358	-.585	-.462	-.425	-.479	-.546	-.586	-.623
OECD Europe ² /.....	7.675	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355
Main European Importers											
France.....	1.724	1.654	1.682	1.742	1.718	1.711	1.750	1.869	1.784	1.761	1.615
Germany ³ /.....	2.115	2.166	2.380	2.281	2.279	2.112	2.202	2.664	2.739	2.723	2.731
Italy.....	1.618	1.603	1.642	1.718	1.590	1.716	1.788	1.769	1.839	1.747	1.778
Netherlands.....	.532	.515	.632	.562	.646	.635	.677	.690	.713	.688	.720
Spain.....	.855	.802	.747	.803	.869	.952	.950	.951	.998	1.066	1.119
European Net Exporters											
Norway.....	-.578	-.656	-.718	-.866	-.1.036	-.1.420	-.1.543	-.1.825	-.2.102	-.2.254	-.2.586
United Kingdom....	-.829	-1.035	-1.067	-1.015	-.760	-.200	-.214	-.158	-.221	-.355	-.850
Smaller European Importers											
Austria.....	.176	.174	.188	.194	.185	.191	.201	.212	.209	.205	.210
Belgium.....	.374	.382	.456	.443	.451	.454	.442	.506	.517	.503	.517
Denmark.....	.165	.166	.150	.122	.107	.078	.063	.048	.032	.023	.027
Ireland.....	.081	.078	.098	.081	.076	.079	.095	.094	.097	.102	.109
Finland.....	.177	.207	.229	.242	.200	.220	.208	.211	.188	.182	.234
Greece.....	.197	.210	.245	.230	.242	.252	.273	.297	.326	.327	.292
Iceland.....	.010	.011	.011	.013	.012	.011	.011	.012	.011	.014	.015
Luxembourg.....	.021	.023	.024	.028	.028	.031	.034	.039	.040	.039	.040
Portugal.....	.185	.166	.183	.199	.198	.246	.250	.258	.279	.272	.270
Sweden.....	.300	.349	.379	.309	.313	.290	.324	.312	.320	.335	.362
Switzerland.....	.252	.257	.290	.254	.258	.254	.273	.273	.277	.250	.262
Turkey.....	.302	.310	.342	.402	.397	.384	.425	.366	.413	.500	.490
Japan.....	4.531	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766
Other OECD.....	.350	.322	.338	.291	.250	.313	.270	.392	.467	.599	.648

1/ U.S. geographic coverage is the 50 States and District of Columbia.

2/ "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

3/ Data through 1990 are for the former West Germany.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day.

*Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.8 OECD Imports from OPEC, 1984-1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total.....	11.378	10.531	12.408	12.414	13.115	14.602	15.675	15.597	15.809	16.259	16.054
United States1/.....	1.987	1.756	2.750	3.025	3.455	4.036	4.236	4.002	4.012	4.255	4.230
Canada.....	.137	.128	.158	.155	.162	.205	.199	.210	.210	.268	.285
OECD Europe2/.....	5.548	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446
Main European Importers											
France.....	.961	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989
Germany3/.....	.807	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841
Italy.....	1.199	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117
Netherlands.....	.584	.568	.771	.773	.875	.905	.862	.928	.926	.982	.906
Spain.....	.595	.553	.600	.564	.608	.689	.655	.702	.637	.585	.684
European Net Exporters											
Norway.....	.006	.005	.008	.002	.002	.003	.007	.014	.004	.005	.003
United Kingdom....	.282	.308	.328	.277	.323	.342	.406	.377	.390	.439	.306
Smaller European Importers											
Austria.....	.081	.087	.090	.087	.082	.086	.097	.108	.115	.127	.119
Belgium.....	.197	.159	.288	.257	.302	.353	.313	.362	.359	.359	.284
Denmark.....	.049	.035	.025	.053	.067	.069	.044	.006	.001	.006	.008
Ireland.....	-	.000	.001	.001	-	-	.000	.000	.000	.000	.000
Finland.....	.020	.037	.021	.023	.011	.013	.013	.029	.033	.007	.004
Greece.....	.208	.197	.273	.279	.233	.244	.343	.298	.346	.303	.266
Portugal.....	.116	.113	.120	.101	.118	.156	.166	.139	.158	.166	.236
Sweden.....	.036	.051	.086	.062	.074	.064	.073	.105	.116	.123	.126
Switzerland.....	.075	.075	.068	.069	.051	.021	.038	.052	.051	.063	.082
Turkey.....	.332	.331	.344	.411	.439	.384	.388	.365	.412	.452	.475
Japan.....	3.372	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.206	4.282	4.507
Other OECD.....	.334	.268	.301	.408	.316	.367	.513	.491	.528	.616	.586

1/ U.S. geographic coverage is the 50 States and District of Columbia.

2/ "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

3/ Data through 1990 are for the former West Germany.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •OECD=Organization for Economic Cooperation and Development; OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in these groups. •Negative numbers represent net exports. •A dash (-) indicates no trade. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.9 OECD Imports from Persian Gulf, 1984-1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Imports from											
Persian Gulf											
Total.....	6.454	5.585	7.228	7.392	7.941	9.121	9.667	9.249	9.456	10.029	9.609
United States ^{1/} ...	.502	.304	.909	1.072	1.526	1.857	1.961	1.835	1.774	1.775	1.722
Canada.....	.008	.011	.054	.054	.056	.069	.081	.084	.092	.105	.119
OECD Europe ^{2/}	2.968	2.560	3.513	3.330	3.428	3.754	3.908	3.660	3.666	4.048	3.506
Main European Importers											
France.....	.493	.476	.586	.459	.484	.647	.864	.708	.640	.757	.651
Germany ^{3/}	.242	.152	.232	.187	.197	.216	.217	.227	.215	.250	.217
Italy.....	.671	.583	.817	.782	.643	.619	.626	.595	.573	.548	.430
Netherlands.....	.345	.294	.509	.516	.587	.663	.647	.609	.650	.744	.662
Spain.....	.377	.264	.328	.295	.306	.352	.291	.281	.231	.287	.275
European Net Exporters											
Norway.....	.006	.003	.006	.002	-	-	.000	.011	.000	.000	.000
United Kingdom...	.144	.144	.173	.164	.212	.240	.250	.222	.220	.303	.174
Smaller European Importers											
Austria.....	.024	.023	.011	.026	.025	.022	.016	.021	.031	.036	.038
Belgium.....	.094	.088	.182	.162	.224	.277	.250	.279	.292	.291	.232
Denmark.....	.042	.022	.024	.047	.063	.067	.043	.004	.000	.002	.000
Ireland.....	-	.000	-	-	-	-	-	-	-	-	-
Finland.....	.020	.037	.021	.022	.011	.012	.011	.021	.023	.002	.002
Greece.....	.143	.122	.204	.211	.146	.181	.268	.219	.291	.253	.214
Portugal.....	.081	.076	.088	.069	.066	.085	.073	.067	.074	.050	.117
Sweden.....	.005	.006	.036	.029	.045	.043	.039	.064	.068	.088	.076
Switzerland.....	.012	.006	.008	.008	.007	.007	.007	.007	.007	.008	.012
Turkey.....	.268	.265	.289	.348	.411	.323	.307	.324	.349	.429	.405
Japan.....	2.773	2.533	2.557	2.637	2.691	3.173	3.394	3.370	3.586	3.721	3.946
Other OECD.....	.204	.176	.195	.299	.241	.267	.322	.300	.338	.381	.316

^{1/} U.S. geographic coverage is the 50 States and District of Columbia.

^{2/} "OECD Europe" consists of Austria, Belgium, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^{3/} Data through 1990 are for the former West Germany.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *"Persian Gulf" consists of Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day.

*Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.10 United States—Net Oil Imports, 1984–1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	4.715	4.286	5.439	5.914	6.587	7.202	7.161	6.626	6.938	7.618	7.986
Imports from OPEC1/	1.987	1.756	2.750	3.025	3.455	4.036	4.236	4.002	4.012	4.255	4.230
Imports from											
Persian Gulf2/											
Total.....	.502	.304	.909	1.072	1.526	1.857	1.961	1.835	1.774	1.775	1.722
Bahrain.....	-.001	-.001	.001	-.001	.000	-.001	-.001	-.001	-.002	-.002	-.002
Iran.....	.010	.027	.019	.098	.000	.000	.000	.032	.000	.000	.000
Iraq.....	.012	.046	.081	.083	.343	.449	.518	.000	.000	.000	.000
Kuwait.....	.036	.021	.068	.082	.092	.157	.086	.006	.051	.353	.312
U.A.E.....	.116	.044	.043	.059	.028	.027	.016	.001	.004	.009	.011
Qatar.....	.005	.000	.013	.000	.000	.002	.004	.000	.001	.001	.000
Saudi Arabia.....	.324	.168	.685	.751	1.063	1.224	1.339	1.797	1.720	1.414	1.402
Imports from OPEC-Africa											
Total.....	.598	.536	.737	.867	.934	1.134	1.144	1.040	1.000	1.108	1.074
Algeria.....	.323	.187	.271	.295	.300	.269	.280	.253	.196	.220	.243
Gabon.....	.058	.052	.026	.037	.016	.050	.064	.084	.124	.152	.194
Libya.....	.001	.004	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.216	.293	.440	.535	.618	.815	.800	.703	.680	.736	.637
Imports from											
OPEC-South America											
Total.....	.544	.602	.788	.801	.790	.861	1.016	1.020	1.161	1.295	1.322
Venezuela.....	.544	.602	.788	.801	.790	.861	1.016	1.020	1.161	1.295	1.322
Imports from OPEC-Far East											
Total.....	.342	.313	.317	.284	.205	.182	.113	.106	.075	.074	.109
Indonesia.....	.342	.313	.317	.284	.205	.182	.113	.106	.075	.074	.109

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •U.S. geographic coverage is the 50 States and District of Columbia. •Negative numbers represent net exports. •A dash (-) indicates no trade. •Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. •Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.11 Japan—Net Oil Imports, 1984–1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	4.531	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766
Imports from OPEC ^{1/}	3.372	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.206	4.282	4.507
Imports from Persian Gulf ^{2/}											
Total.....	2.773	2.533	2.557	2.637	2.691	3.173	3.394	3.370	3.586	3.721	3.946
Bahrain.....	.024	.026	.034	.037	.036	.042	.037	.037	.029	.025	.028
Iran.....	.258	.259	.220	.230	.187	.291	.385	.383	.362	.384	.459
Iraq.....	.015	.063	.164	.105	.173	.219	.146	.000	.000	—	—
Kuwait.....	.231	.215	.278	.347	.341	.458	.291	.014	.220	.368	.430
U.A.E.....	.674	.845	.890	.773	.822	.929	1.032	1.285	1.256	1.287	1.398
Qatar.....	.240	.220	.183	.139	.203	.250	.263	.285	.300	.330	.328
Saudi Arabia.....	1.330	.904	.789	1.005	.930	.984	1.240	1.367	1.420	1.327	1.303
Imports from OPEC-Africa											
Total.....	.012	.010	.016	.023	.044	.016	.020	.022	.015	.046	.029
Algeria.....	.012	.010	.015	.023	.044	.015	.010	.010	.007	.008	.012
Gabon.....	—	—	—	—	—	.002	.009	.011	.009	.038	.012
Libya.....	—	.001	.001	—	—	—	—	—	—	—	—
Nigeria.....	—	—	—	—	—	—	.001	.001	.000	.000	.005
Imports from OPEC-South America											
Total.....	.017	.014	.012	.012	.011	.011	.011	.010	.010	.009	.009
Venezuela.....	.017	.014	.012	.012	.011	.011	.011	.010	.010	.009	.009
Imports from OPEC-Far East											
Total.....	.594	.452	.486	.563	.599	.631	.682	.673	.624	.533	.551
Indonesia.....	.594	.452	.486	.563	.599	.631	.682	.673	.624	.533	.551

^{1/} OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

^{2/} The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: •Imports include Crude Oil, Natural Gas liquids, and Refined Products, and are on a direct basis. •Negative numbers represent net exports. •A dash (—) indicates no trade. •Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. •Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.12 OECD Europe—Net Oil Imports, 1984-1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	7.675	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355
Imports from OPEC1/	5.548	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446
Imports from											
Persian Gulf2/											
Total.....	2.968	2.560	3.513	3.330	3.428	3.754	3.908	3.660	3.666	4.048	3.506
Bahrain.....	.019	.004	.002	.001	.009	.005	.020	.002	.003	.004	.003
Iran.....	.841	.648	.511	.732	.850	1.076	1.190	1.132	1.113	1.253	1.074
Iraq.....	.516	.673	.717	.905	.959	.897	.591	.000	.000	.000	.000
Kuwait.....	.324	.356	.456	.469	.474	.452	.346	.019	.142	.461	.302
U.A.E.....	.265	.131	.164	.206	.134	.214	.446	.281	.199	.092	.067
Qatar.....	.118	.051	.054	.040	.021	.024	.026	.009	.006	.000	.000
Saudi Arabia.....	.884	.698	1.609	.978	.981	1.086	1.290	2.217	2.203	2.237	2.060
Imports from OPEC-Africa											
Total.....	2.318	2.524	2.398	2.089	2.230	2.241	2.533	2.947	2.913	2.535	2.706
Algeria.....	.574	.659	.615	.627	.646	.648	.683	.757	.772	.693	.690
Gabon.....	.067	.077	.090	.031	.031	.017	.024	.129	.095	.044	.061
Libya.....	.894	.948	.967	.962	1.071	1.044	1.267	1.332	1.361	1.193	1.233
Nigeria.....	.783	.841	.727	.469	.481	.532	.559	.729	.686	.605	.721
Imports from											
OPEC-South America											
Total.....	.267	.307	.252	.208	.220	.212	.227	.249	.268	.240	.219
Venezuela.....	.267	.307	.252	.208	.220	.212	.227	.249	.268	.240	.219
Imports from OPEC-Far East											
Total.....	.015	.008	.002	.002	.005	.004	.008	.002	.009	.019	.019
Indonesia.....	.015	.008	.002	.002	.005	.004	.008	.002	.009	.019	.019

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *"OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom. *Negative numbers represent net exports.

*A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.13 France—Net Oil Imports, 1984-1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	1.724	1.654	1.682	1.742	1.718	1.711	1.750	1.869	1.784	1.761	1.615
Imports from OPEC ^{1/}	.961	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989
Imports from Persian Gulf ^{2/}											
Total.....	.493	.476	.586	.459	.484	.647	.864	.708	.640	.757	.651
Bahrain.....	.001	-	.001	-	.007	.002	.011	.000	.001	.002	.000
Iran.....	.068	.082	.065	.088	.012	.158	.182	.171	.151	.243	.156
Iraq.....	.072	.138	.109	.151	.143	.128	.062	.000	.000	-	-
Kuwait.....	.019	.035	.023	.044	.017	.021	.015	.011	.029	.032	.016
U.A.E.....	.089	.054	.035	-	.017	.040	.233	.064	.033	.025	.003
Qatar.....	.043	.034	.030	.002	.017	.009	.022	.003	.002	.000	.000
Saudi Arabia.....	.200	.134	.324	.175	.271	.288	.339	.459	.424	.454	.477
Imports from OPEC-Africa											
Total.....	.451	.387	.344	.212	.249	.218	.233	.376	.348	.283	.335
Algeria.....	.158	.109	.089	.072	.079	.089	.092	.107	.105	.066	.089
Gabon.....	.025	.043	.065	-	-	-	.000	.080	.066	.041	.034
Libya.....	.076	.070	.061	.064	.090	.065	.079	.104	.087	.063	.059
Nigeria.....	.192	.165	.129	.076	.079	.064	.062	.084	.090	.112	.153
Imports from OPEC-South America											
Total.....	.018	.020	.019	.012	.011	.012	.015	.017	.011	.010	.003
Venezuela.....	.018	.020	.019	.012	.011	.012	.015	.017	.011	.010	.003
Imports from OPEC-Far East											
Total.....	.000	.002	.000	-	-	.000	.000	.001	.001	.000	.000
Indonesia.....	.000	.002	.000	-	-	.000	.000	.001	.001	.000	.000

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: *Imports include Crude Oil, Natural Gas Liquids, and Refined Products, and are on a direct basis. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.14 Germany—Net Oil Imports, 1984–1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	2.115	2.166	2.380	2.281	2.279	2.112	2.202	2.664	2.739	2.723	2.731
Imports from OPEC1/	.807	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841
Imports from											
Persian Gulf2/											
Total.....	.242	.152	.232	.187	.197	.216	.217	.227	.215	.250	.217
Bahrain.....	—	.000	—	—	—	—	—	—	—	.000	.001
Iran.....	.049	.053	.041	.020	.051	.041	.055	.053	.021	.053	.040
Iraq.....	.041	.008	.016	.052	.032	.009	.004	.000	.000	—	—
Kuwait.....	.026	.021	.021	.017	.013	.022	.013	.000	.009	.022	.026
U.A.E.....	.023	.006	.004	.024	.006	.023	.016	.012	.002	.002	.001
Qatar.....	.010	—	—	.001	.001	.002	.003	.002	.000	.000	.000
Saudi Arabia.....	.093	.064	.151	.072	.095	.119	.125	.161	.182	.173	.149
Imports from OPEC-Africa											
Total.....	.483	.532	.485	.405	.472	.436	.469	.537	.620	.594	.546
Algeria.....	.086	.130	.137	.146	.141	.106	.098	.126	.183	.195	.161
Gabon.....	.006	.003	.001	.004	—	—	.005	.013	.006	.000	.003
Libya.....	.200	.201	.152	.160	.237	.235	.244	.262	.252	.244	.244
Nigeria.....	.191	.197	.195	.095	.095	.095	.123	.136	.179	.154	.139
Imports from											
OPEC-South America											
Total.....	.082	.103	.113	.086	.091	.086	.088	.107	.128	.105	.079
Venezuela.....	.082	.103	.113	.086	.091	.086	.088	.107	.128	.105	.079
Imports from OPEC-Far East											
Total.....	—	.000	.001	.002	—	—	.002	.000	.000	.000	.000
Indonesia.....	—	.000	.001	.002	—	—	.002	.000	.000	.000	.000

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •Data through 1990 are for the former West Germany. •Negative numbers represent net exports. •A dash (—) indicates no trade. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.15 Italy—Net Oil Imports, 1984-1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	1.618	1.603	1.642	1.718	1.590	1.716	1.788	1.769	1.839	1.747	1.778
Imports from OPEC ^{1/}	1.199	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117
Imports from Persian Gulf ^{2/}											
Total.....	.671	.583	.817	.782	.643	.619	.626	.595	.573	.548	.430
Bahrain.....	—	.002	.001	.000	—	.001	.000	.001	.001	.000	.000
Iran.....	.190	.146	.135	.141	.093	.124	.192	.231	.239	.221	.143
Iraq.....	.098	.139	.114	.167	.198	.138	.079	.000	.000	—	—
Kuwait.....	.108	.132	.147	.142	.118	.093	.063	.000	.007	.012	.001
U.A.E.....	.053	.024	.051	.109	.060	.085	.075	.044	.013	.002	.000
Qatar.....	.018	.007	.004	.029	.002	.008	.000	.004	.001	.000	.000
Saudi Arabia.....	.204	.134	.364	.194	.171	.171	.216	.315	.312	.313	.286
Imports from OPEC-Africa											
Total.....	.450	.552	.507	.489	.517	.627	.740	.799	.757	.653	.661
Algeria.....	.067	.110	.087	.109	.108	.150	.155	.155	.140	.096	.099
Gabon.....	.001	.001	.001	—	.001	.001	.000	.006	.000	.000	.001
Libya.....	.261	.299	.309	.342	.389	.430	.556	.581	.584	.542	.543
Nigeria.....	.121	.142	.110	.038	.019	.045	.029	.057	.034	.015	.018
Imports from OPEC-South America											
Total.....	.076	.072	.039	.037	.029	.014	.007	.004	.005	.002	.007
Venezuela.....	.076	.072	.039	.037	.029	.014	.007	.004	.005	.002	.007
Imports from OPEC-Far East											
Total.....	.001	—	—	—	.002	.002	.003	.001	.009	.019	.019
Indonesia.....	.001	—	—	—	.002	.002	.003	.001	.009	.019	.019

^{1/} OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

^{2/} The Persian Gulf countries are all members of OPEC, except for Bahrain.

Notes: •Imports include Crude Oil, Natural Gas Liquids, and Refined Products, and are on a direct basis. •Negative numbers represent net exports. •A dash (—) indicates no trade. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.16 OECD Imports from Iraq, 1984-1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
	Average										
Total.....	0.542	0.784	0.964	1.103	1.489	1.581	1.276	0.000	0.000	0.000	0.000
United States ¹ /.....	.012	.046	.081	.083	.343	.449	.518	.000	.000	-	-
Canada.....	-	-	-	.010	.001	.013	.011	.000	.000	-	-
OECD Europe ² /.....	.516	.673	.717	.905	.959	.897	.591	.000	.000	.000	.000
Main European Importers											
France.....	.072	.138	.109	.151	.143	.128	.062	.000	.000	-	-
Germany ³ /.....	.041	.008	.016	.052	.032	.009	.004	.000	.000	-	-
Italy.....	.098	.139	.114	.167	.198	.138	.079	.000	.000	-	-
Netherlands.....	.021	.022	.067	.034	.039	.101	.117	.000	.000	-	-
Spain.....	.071	.123	.117	.080	.092	.109	.063	.000	.000	-	-
European Net Exporters											
United Kingdom....	.008	.041	.071	.082	.070	.034	.027	.000	.000	-	-
Smaller European Importers											
Austria.....	.006	.007	-	.015	.007	.000	.000	.000	.000	-	-
Belgium.....	.038	.019	.026	.049	.037	.047	.029	.000	.000	-	-
Denmark.....	-	.000	-	.001	-	-	.000	.000	.000	-	-
Greece.....	.060	.038	.030	.065	.059	.052	.044	.000	.000	-	-
Portugal.....	.016	.018	.024	.019	.029	.024	.019	.000	.000	-	-
Sweden.....	-	.000	-	.003	.003	.005	.000	.000	.000	-	-
Switzerland.....	-	-	-	.000	-	.000	.000	.000	.000	-	-
Turkey.....	.086	.121	.143	.188	.250	.250	.146	.000	.000	.000	.000
Japan.....	.015	.063	.164	.105	.173	.219	.146	.000	.000	-	-
Other OECD.....	-.001	.001	.002	.000	.013	.003	.011	.000	.000	-	-

¹/ U.S. geographic coverage is the 50 States and District of Columbia.

²/ "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

³/ Data through 1990 are for the former West Germany.

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. •Negative numbers represent net exports. •A dash (-) indicates no trade. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •Data for 1994 are preliminary.

Sources: See end of Section 4.

Table 4.17 OECD Imports from Kuwait, 1984-1994
(Million Barrels per Day)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total.....	0.631	0.624	0.829	0.925	0.936	1.084	0.740	0.039	0.414	1.191	1.081
United States ^{1/}	.036	.021	.068	.082	.092	.157	.086	.006	.051	.353	.312
Canada.....	-	-	-	-	-	-	.004	-	-	.000	.027
OECD Europe ^{2/}	.324	.356	.456	.469	.474	.452	.346	.019	.142	.461	.302
Main European Importers											
France.....	.019	.035	.023	.044	.017	.021	.015	.011	.029	.032	.016
Germany ^{3/}	.026	.021	.021	.017	.013	.022	.013	.000	.009	.022	.026
Italy.....	.108	.132	.147	.142	.118	.093	.063	.000	.007	.012	.001
Netherlands.....	.095	.098	.122	.150	.189	.194	.151	.002	.052	.254	.179
Spain.....	.003	.003	.020	.015	.030	.015	.010	.003	.000	.015	.000
European Net Exporters											
Norway.....	-	-	-	-	-	-	-	-	-	.000	.000
United Kingdom....	.016	.023	.014	.011	.006	.006	.045	.002	.027	.049	.058
Smaller European Importers											
Austria.....	-	-	-	-	.004	.002	.000	.000	.000	.000	.000
Belgium.....	.005	.002	.006	.000	-	-	.000	.001	.006	.056	.005
Denmark.....	.032	.021	.020	.045	.060	.066	.034	.000	.000	.000	.000
Finland.....	-	.000	-	-	-	-	-	.000	-	-	-
Greece.....	.009	.005	.038	.030	.015	.009	.000	.000	.002	.005	.001
Portugal.....	-	-	-	.001	.003	.003	.002	.000	.000	.000	.000
Sweden.....	-	.002	-	-	-	.001	.001	.000	.000	.002	.000
Switzerland.....	-	-	-	-	-	-	-	.000	.000	.000	.000
Turkey.....	.011	.012	.046	.013	.019	.019	.011	.000	.010	.016	.016
Japan.....	.231	.215	.278	.347	.341	.458	.291	.014	.220	.368	.430
Other OECD.....	.039	.032	.028	.026	.029	.017	.013	.000	.000	.009	.011

1/ U.S. geographic coverage is the 50 States and District of Columbia.

2/ "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

3/ Data through 1990 are for the former West Germany.

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1994 are preliminary.

Sources: See end of Section 4.

Sources for Section 4 (Historical Oil Data)

Crude Oil Production, Natural Gas Liquids Production, Other Liquids, and Refinery Gain

United States: • Energy Information Administration (EIA), Petroleum Supply Annual 1994;
• Bureau of Mines, Mineral Industry Surveys, Petroleum Statement, Annual, various issues.

Other Countries: • EIA, International Energy Annual, various issues.

• EIA, International Petroleum Annual, 1978. • United Nations, Yearbook of World Energy Statistics, 1979.
Refinery Gains: National Petroleum Council, U.S. Petroleum Refinery Study, October 1986.

Oil Stocks

United States: EIA, Petroleum Supply Annual 1994.

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD),
Quarterly Oil Statistics and Energy Balances, various issues.

• OECD, Monthly Oil Statistics database, 1980-1995.

Oil Demand

United States: EIA, Petroleum Supply Annual 1994.

Other OECD Countries: • OECD, Quarterly Oil Statistics and Energy Balances,
various issues. • OECD, Annual Oil Statistics data base, 1970-1979. • OECD, Monthly Oil
Statistics database, 1980-1995.

Oil Imports

United States: Energy Information Administration (EIA), Petroleum Supply Annual 1994.

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD),
Quarterly Oil Statistics and Energy Balances, various issues. • OECD Monthly Oil Statistics database, 1991-1994.

Appendix A

Organizational and Geographical Definitions

Appendix A. Organizational and Geographical Definitions

International Energy Agency (IEA) countries are: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

Organization for Economic Cooperation and Development (OECD) countries are: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States. Total OECD includes the United States Territories (Guam, Puerto Rico, and the U.S. Virgin Islands). Total OECD excludes data for Mexico which are not yet available.

OECD Europe countries are: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

Organization of Petroleum Exporting Countries (OPEC) members are: Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela. As of December 31, 1992, Ecuador withdrew its membership in OPEC. For consistency, Ecuador is excluded in the historical series of OPEC totals.

Arab members of OPEC are: Algeria, Iraq, Kuwait, Libya, Qatar, Saudi Arabia and the United Arab Emirates.

Organization of Arab Petroleum Exporting Countries (OAPEC) are: Algeria, Bahrain, Egypt, Iraq, Kuwait, Libya, Neutral Zone, Qatar, Saudi Arabia, Syria, Tunisia, and the United Arab Emirates. In April 1979 Egypt was suspended from OAPEC membership. In May 1989 Egypt rejoined OAPEC. For consistency, Egypt is included in the historical series of the OAPEC totals.

Persian (Arabian) Gulf countries are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

The term "Former USSR" is being used in the International Petroleum Statistics Report as a purely geographical expression, referring to the Commonwealth of Independent States (CIS), Georgia, and the three Baltic States (Estonia, Latvia, and Lithuania).

Appendix B

Explanatory Notes

Appendix B. Explanatory Notes

Note 1: World Oil Supply

Supply includes production of crude oil (including lease condensate), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, refinery gain, alcohol, and liquids produced from coal and other sources. Beginning in 1993, U.S. data includes fuel ethanol blended into finished motor gasoline and oxygenate production from merchant MTBE plants.

Note 2: Oil Stocks

The International Energy Agency (IEA) assembles and reports total oil stock data for the member countries of the Organization for Economic Cooperation and Development (OECD). Oil stocks include crude oil (including strategic reserves), unfinished oils, natural gas plant liquids, and refined petroleum products. In its report titled Quarterly Oil Statistics and Energy Balances of OECD Countries, the IEA defines oil stocks as follows: "All non-military stocks held by importers (including all final consumers directly), refiners, Governments, major non-importing final consumers eligible under IEA/OECD commitments and by foreign entities in the following facilities: bulk terminals, refinery tanks, pipeline tankage, barges, intercoastal tankers (when port of departure and destination are in the reporting country), tankers in port (to the extent that their cargo is to be unloaded in the reporting country), and inland ship bunkers. Oil is reported regardless of the ownership of such storage facilities." IEA data exclude "oil held in pipelines, rail and truck tank cars, sea-going ships' bunkers, service stations, retail stores and tankers at sea." Also the IEA defines the United States to be the 50 States and the District of Columbia, and the U.S. Territories (Guam, Puerto Rico, and the U.S. Virgin Islands).

The Energy Information Administration (EIA) does not include the United States Territories in its statistical definition of the United States. Further, the EIA includes oil in oil pipelines as part of its stock data. Tables 1.5, 1.6, 2.3, and 4.4 include oil stocks for the United States according to EIA definitions. Using IEA definitions, at the end of June 1995 United States (including territories) oil stocks totaled 1,470 million barrels.

Note 3: A Change to the Oil Balance in Section 2.

Prior to August 1992, Section 2 of the International Petroleum Statistics Report presented a balance of oil supply, demand, and stock change for the Market Economies, at quarterly time intervals. The communist countries, or Centrally Planned Economies (CPEs) were not included in the balance, mainly because good quarterly data for oil demand in these countries were not available. Net imports from the CPEs were included in the balance as part of total Market Economies supply. At present, the former Soviet Union and most of the countries of Eastern Europe are in transition from communism to market economies; because of this there are no longer good political or economic reasons to publish an oil balance only for the countries that have traditionally been market economies. Beginning with the August 1992 edition, Section 2 of the International Petroleum Statistics Report was changed from a Market Economies oil balance to a world oil balance.

The main data issues related to this change may be summarized as follows:

Supply Data. Monthly oil supply data are available for all countries of the world. These data are used to generate Tables 1.1 to 1.4; they were used to expand the Section 2 supply table (Table 2.2) to the whole world.

Demand Data. EIA has now developed quarterly figures for world oil demand, including demand in the former CPEs; these are published in Table 4 of EIA's Short-Term Energy Outlook. The procedures involved in developing

quarterly world demand numbers may be summarized as follows:

Complete monthly data are available for the 24 OECD countries. Annual demand data for all countries (about 200 countries) are presented in EIA's International Energy Annual. In 1990, the OECD accounted for about three-fifths of total world demand, the 25 largest consumers outside of the OECD accounted for about one-third of the world total, and the remaining countries (about 150 countries) accounted for less than one-tenth of the total. The key problem, therefore, is to develop good figures for the 25 largest consumers outside the OECD.

Of these 25 countries, by far the largest consumer is the former Soviet Union, which in 1990 accounted for about one-third of the demand in the group of 25. The next largest consumer is China, which in 1990 accounted for about one-tenth of the demand in the group. Thus in 1990 the former Soviet Union and China accounted for almost half of the demand in the group of 25. For these 2 countries, data are available on oil production and net exports. The demand numbers shown in Section 2 are computed as production minus net exports. This is the same procedure used in the EIA Short-Term Energy Outlook, by the International Energy Agency in their Monthly Oil Market Report, and in other respected publications that deal with international oil markets. Note, however, that this method of computing demand ignores both refinery gain and stock changes.

For other major consuming countries outside of the OECD, quarterly demand data are developed based upon the latest available annual data, analytic judgment about current trends, and some seasonal adjustments. These are the same procedures used for the Short-Term Energy Outlook.

Stocks Data. Reliable stocks data are available for the OECD countries. Estimates of stocks for export and afloat, and of commercial floating stocks, are available. (See sources at the end of Section 2.)

For on-land stocks outside the OECD, there is little reliable data. Most estimates of on-land stocks outside the OECD are based on the theory that stocks are approximately equal to some number of days of demand. Demand figures (which themselves involve some degree of estimation) are then used to compute estimates of stock levels.

In the International Petroleum Statistics Report, it had been the practice for some time to estimate that on-land stocks in the traditional market economies outside of the OECD were equal to 55 days of demand. This was acceptable, mainly because the rule was used only to estimate a relatively small part of total stocks (about 16 percent).

When Section 2 was converted from a Market Economies oil balance to a world oil balance, there were important changes in the conditions that made it reasonable to estimate on-land stocks outside of the OECD using the rule of 55 days of demand. When the CPEs are included, the stocks that must be estimated are a considerably larger part of the total. In 1990, total oil demand in the former CPEs was more than 80 percent as large as demand in all of the non-OECD traditional market economies. Thus the quantity of stocks that would have to be estimated using a 55-day rule would nearly double, and the estimated components of stock levels and stock changes would become relatively large parts of the total. One consequence of this is that the statistical discrepancy (as shown in Table 2.1) would become less useful as an indicator of the overall consistency of the data. The statistical discrepancy is computed from supply, demand, and stock change. If a large part of the stock change is estimated, then the statistical discrepancy loses much of its significance.

As already noted, quarterly demands in the former Soviet Union and in China are computed as production minus net exports. This computation implicitly assumes a zero stock change. Demand in the former Soviet Union is falling. If we were to use a 55-day rule to compute stock levels, falling demand would imply falling stock levels. This would contradict the assumption of zero stock change which was used in computing demand.

In view of all this, the following approach has been adopted. Table 2.3 now shows levels of stocks for the OECD countries, levels of stocks for export and afloat, and levels of commercial floating storage. Stock changes based on these stock levels are shown in Table 2.1. At this time, no other stock levels are shown. Table 2.1 now has a single line labelled "Other Stock Draw and Statistical Discrepancy", which contains the computed values needed to make the table balance.

It may become possible in the future to obtain reliable information on certain categories of on-land stocks outside the OECD. If such data become available, they will be added to Table 2.3, and the corresponding stock change information will be added to Table 2.1.

Changes in Formats and Sign Conventions. There were several changes in Section 2 to make the International Petroleum Statistics Report more consistent with other EIA publications, especially with the Short-Term Energy Outlook. The numbers were changed from 1 decimal place to 2 decimal places. The word "consumption", as used before August 1992, was changed to "demand". The sign convention for stock changes in Table 2.1 was changed. Stock draws are now indicated by positive numbers, and stock additions are indicated by negative numbers. Table 2.1 also uses a new sign convention for the line labelled "Other Stock Draw and Statistical Discrepancy". The values in this line are now computed as Total Demand minus the sum of Total Supply and Total Reported Stock Draw. This is the reverse of the sign convention used before August 1992.

Summary. Section 2 was expanded from a Market Economies oil balance to a world oil balance. Supply data are tracked for all producing countries. Demand data are tracked for the 24 OECD countries, and for 25 large consumers outside of the OECD. Demand for the remaining countries (less than 10 percent of total demand) is estimated, for years that are not yet available in the International Energy Annual. The stock levels in these tables are based on reported data for the OECD and for stocks at sea. The line in Table 2.1 labelled "Other Stock Draw and Statistical Discrepancy" is a balancing item.

Appendix C

Glossary

Appendix C. Glossary

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The molecules in the series vary in chain length and are composed of a hydrocarbon plus a hydroxyl group. Alcohol includes methanol and ethanol.

Demand (Consumption/Petroleum Products Supplied). Total petroleum products supplied is the sum of all petroleum products supplied. For each product, the amount supplied is calculated by summing production, crude oil burned directly, imports, and net withdrawals from primary stocks and subtracting exports.

Crude Oil. A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and remains liquid at atmospheric pressure after passing through surface-separating facilities. Crude oil production is measured at the wellhead and includes lease condensate.

Government-Owned Stocks. Oil stocks owned by the national government and held for national security. In the United States these stocks are known as the Strategic Petroleum Reserve.

Lease Condensate. A liquid recovered from natural gas at the well or at small gas/oil separators in the field. Consists primarily of pentanes and heavier hydrocarbons (also called field condensate).

Natural Gas Plant Liquids. Products obtained from processing natural gas at natural gas processing plants, including natural gasoline plants, cycling plants, and fractionators. Products obtained include ethane, liquefied petroleum gases, (propanes, butane, propane-butane mixtures, and ethane-propane mixtures), isopentane, natural gasoline, unfractionated streams, plant condensate, and other minor quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Oil Stocks. Oil stocks include crude oil (including strategic reserves), unfinished oils, natural gas plant liquids, and refined petroleum products. See Explanatory Note 2.

Other Hydrocarbons. Other materials processed at refineries. Includes coal tar derivatives, hydrogen, gilsonite, and natural gas received by the refinery for reforming into hydrogen.

Oxygenates. Any substance which, when added to gasoline, increases the amount of oxygen in that gasoline blend. They include: Fuel Ethanol, Methanol, and MTBE (Methyl tertiary butyl ether).

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, ethane, liquefied petroleum gases, petrochemical feedstocks, special naphthas, lubricants, paraffin wax, petroleum coke, asphalt road oil, still gas, and other miscellaneous products.

Processing Gain. The amount by which the total volume of refinery output is greater than the volume of input for a given period of time. The processing gain arises when crude oil and other hydrocarbons are processed into products that are, on average, less dense than the input.

Processing Loss. The amount by which the total volume of refinery output is less than the volume of input for a given period of time. The processing loss arises when crude oil and other hydrocarbons are processed into products that are, on average, more dense than the input.

Appendix D

Estimation Procedures

Appendix D. Estimation Procedures

Estimation procedures are used for demand numbers in many of the countries outside of the OECD, in cases where data from EIA's International Energy Annual are not yet available. The International Energy Annual, 1993, published in May 1995, presents final demand data for all countries for 1992, and preliminary demand data for 1993. The status of the demand numbers shown in Section 2 of this current International Petroleum Statistics Report may be summarized as follows. The OECD demand numbers are, as usual, based on the latest Quarterly Oil Statistics and Monthly Oil Statistics tapes from the International Energy Agency.

For countries outside of the OECD, the following approach is used. The numbers for 1993 and earlier years match the International Energy Annual, 1993. Numbers for 1994 forward are the best available EIA estimates, based upon the best annual data currently available, analytic judgment about current trends, and some seasonal adjustments. These are the same numbers that appear in the international oil balance table in EIA's Short-Term Energy Outlook.

The 2 largest non-OECD oil consumers are the former Soviet Union and China. For these 2 countries, published data are available on production and net exports. Demand is computed as production minus net exports. This is the same approach used in the Short-Term Energy Outlook, by the International Energy Agency in their Monthly Oil Market Report, and in other major publications dealing with international oil data. Note, however, that because of this computation, the demand numbers for the former Soviet Union and China implicitly exclude stock draw and refinery gain.

Appendix E

Conversions

Table E1. Conversion Factors

Product Unit	Equivalent
Refined Petroleum Products	
Barrels per Metric Ton	
Asphalt.....	6.06
Distillate Fuel Oil.....	7.46
Gasoline, Aviation.....	8.90
Gasoline, Motor.....	8.53
Greases.....	6.30
Jet Fuel, Kerosene-type.....	7.93
Jet Fuel, Naptha-type.....	8.27
Kerosene.....	7.73
Liquefied Petroleum Gas (LPG).....	11.60
Lubricants.....	7.00
Miscellaneous Products.....	8.04
Naphthas.....	8.22
Natural Gas liquids (NGL).....	10.40
Natural Gasoline.....	10.00
Paraffin Oil.....	7.14
Paraffin Wax.....	7.87
Petrolatum.....	7.87
Petroleum Coke.....	5.51
Residual Fuel Oil.....	6.66
White Spirits.....	8.50

Table E2. Barrels of Crude Oil per Metric Ton, 1983-1993

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
North America											
Canada.....	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453
Mexico.....	7.108	7.108	6.965	6.965	6.965	6.965	6.965	6.965	6.965	6.965	6.965
United States.....	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333
Central & South America											
Argentina.....	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149
Barbados.....	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286
Bolivia.....	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881
Brazil.....	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268
Chile.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Colombia.....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
Cuba.....	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449
Ecuador.....	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130
Guatemala.....	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210
Peru.....	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407
Suriname.....	--	--	6.199	6.199	6.199	6.199	6.199	6.199	6.199	6.199	6.199
Trinidad and Tobago.....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
Venezuela.....	6.795	6.795	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
Western Europe											
Austria.....	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082
Denmark.....	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689
France.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332
Germany.....	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295
Greece.....	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178
Italy.....	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853
Netherlands.....	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853
Norway.....	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810
Spain.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Sweden.....	--	--	--	--	7.247	7.247	7.247	7.247	7.247	7.247	7.247
Turkey.....	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150
United Kingdom.....	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466
Former Yugoslavia.....	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418

-- = No Production of this form of energy.

Sources: International Energy Annual 1993. DOE/EIA-0219 (93) (95/05) (May 1995).

Table E2. Barrels of Crude Oil per Metric Ton, 1983-1993 (Continued)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Eastern Europe & Former U.S.S.R.											
Albania.....	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594
Bulgaria.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332
Former Czechoslovakia.....	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780
Hungary.....	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690
Poland.....	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418
Romania.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Former U.S.S.R.....	7.270	7.270	7.270	7.270	7.270	7.270	7.270	7.270	7.270	7.270	7.270
Middle East											
Bahrain.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320
Iran.....	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305
Iraq.....	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426
Israel.....	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247
Jordan.....	--	--	--	--	--	--	--	--	--	--	--
Kuwait.....	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245
Oman.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332
Qatar.....	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500
Saudi Arabia.....	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268
Syria.....	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836
United Arab Emirates.....	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480
Yemen.....	--	--	--	7.627	7.636	7.632	7.632	7.631	7.631	7.631	7.631
Africa											
Algeria.....	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936
Angola.....	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409
Benin.....	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870
Cameroon.....	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205
Congo.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Egypt.....	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256
Equatorial Guinea.....	--	--	--	--	--	--	--	--	--	--	--
Gabon.....	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305
Ghana.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Ivory Coast.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Libya.....	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515
Morocco.....	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600
Nigeria.....	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315
Tunisia.....	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689
Zaire.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320

-- = No Production of this form of energy.
Sources: International Energy Annual 1993. DOE/EIA-0219(93) (95/05) (May 1995).

Table E2. Barrels of Crude Oil per Metric Ton, 1983-1993 (Continued)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Far East & Oceania											
Australia.....	7.720	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855
Bangladesh.....	--	--	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453
Brunei.....	7.340	7.340	7.340	7.340	7.340	7.340	7.340	7.340	7.340	7.340	7.340
China.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320
India.....	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600
Indonesia.....	7.558	7.558	7.558	7.558	7.558	7.558	7.558	7.558	7.558	7.558	7.558
Japan.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Malaysia.....	7.641	7.641	7.641	7.641	7.641	7.641	7.641	7.641	7.641	7.641	7.641
Myanmar (Burma).....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
New Zealand.....	8.127	8.127	8.127	8.127	8.127	8.127	8.127	8.127	8.127	8.127	8.127
Pakistan.....	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500
Papua New Guinea.....	--	--	--	--	--	--	--	--	7.809	7.809	7.809
Philippines.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Taiwan.....	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568
Thailand.....	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758
Vietnam.....	--	--	--	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082

-- = No Production of this form of energy.

Sources: International Energy Annual 1993. DOE/EIA-0219 (93) (95/05) (May 1995).

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