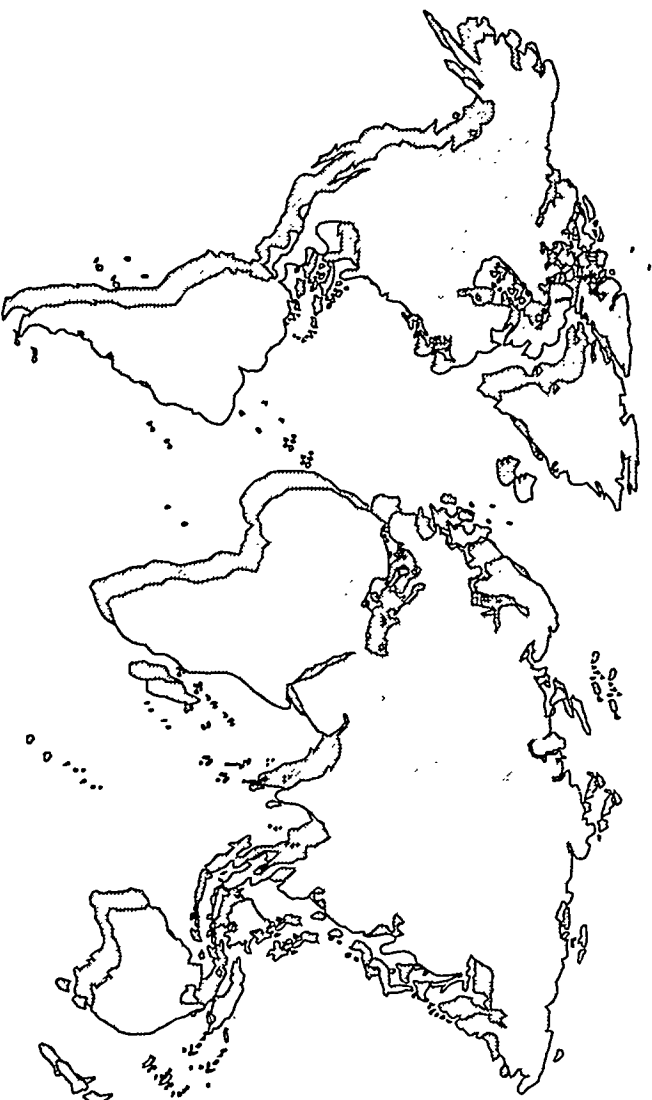


International Petroleum Statistics Report

February 1996

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International Petroleum Statistics Report

February 1996

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. Rodekahr, 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. Grillot (202) 586-6577; Oil Market Chronology - Lowell Feld (202) 586-9502.

Oil Market Chronology -- January 1996

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

January 1 Russia temporarily stops oil flows through the 1.2-million-barrel-per-day capacity Druzhba pipeline after Ukraine imposes a 15-percent increase in transit tariffs from \$4.53 to \$5.20 per ton per kilometer. Talks between the two countries are suspended shortly thereafter and oil shipments to Ukraine's 78,000-barrel per-day Drogobych refinery are cut. In 1995, Russia shipped about 600,000 barrels per day through the Druzhba pipeline to Eastern Europe. (DJ)

January 9 In Cairo, Israeli Energy Minister Gonen Segev meets with Egyptian Oil Minister Hamdy al-Barbri to discuss possible construction of a \$500-million pipeline to carry 250 million cubic feet per day of Egyptian natural gas to Israel, a similar amount to Jordan, and 50 million cubic feet per day to the Palestinian-controlled Gaza Strip. In 1995, Egypt augmented its 22 trillion cubic feet of natural gas reserves with new discoveries in the Mediterranean Sea. Amoco and Agip hold the concessions which would supply gas for the Israeli pipeline. (DJ)

January 13 According to Iran's official Islamic Republic News Agency, Iran and Nigeria have agreed to cooperate in oil exploration, production, and marketing. The deal comes after oil officials from the two countries met in Lagos. Both Iran and Nigeria have had various forms of economic sanctions imposed on them by members of the international community. (DJ)

January 15 The British Government approves the \$2.47-billion Eastern Trough Area Project development. The Eastern Trough is located near the giant Forties field and contains an estimated 400 million barrels of oil, 35 million barrels of natural gas liquids, and 1.1 trillion cubic feet of natural gas. British Petroleum, Royal Dutch/Shell, Exxon, Agip, BHP, Murphy Oil, and Mitsubishi Oil will be partners in the development. The area is also located near the 1-billion-barrel Foinaven and Schiehallion heavy oil fields currently under development. (NYT)

January 16 In Peru, state-owned Petropuru workers stage a 24-hour strike to protest the government's privatization plans. While union representatives declare that Petropuru "is totally paralyzed," operations and oil production appear to remain unaffected. Privatization could result in the loss of about 1,500 of the company's current 5,500 jobs. Peru produces about 130,000 barrels per day of crude oil, most of which is consumed domestically. (DJ)

South Africa's Central Energy Fund reports that an environmental study designed to assess the impact of storing Iranian oil in South Africa would be delayed by six months until September 1996. In July 1995, South Africa agreed to allow Iran to store up to 15 million barrels at the 45-million-barrel Saldanha Bay storage facility near Cape Town. The deal is opposed by the United States and came after the United States imposed a unilateral embargo on Iranian oil exports in April 1995. (DJ)

January 17 Iraq agrees to talks concerning a United Nations (U.N.) plan to allow for the Iraqi sale of \$1 billion of oil every 90 days for a 180-day trial period. Under U.N. Resolution 986, proceeds from the sale would be used for humanitarian purposes. In the past, Iraq has opposed clauses 6 and 8b contained in Resolution 986. Clause 6 stipulates that the larger share of the oil is to be exported via the 1.6-million-barrel-per-day Iraq-Turkey pipeline, which currently is unusable because of sludge build-ups and pumping station damage. By most estimates, the line would take a minimum of three months to repair. Clause 8b states that part of the proceeds from the sales would be disbursed under U.N. supervision to Kurdish provinces in northern Iraq. Negotiations between Iraq and the U.N. are scheduled to begin February 6, 1996. (FT, PON, DJ)

Romanian officials announce that the country's new petroleum law will take effect in March 1996 and will provide a framework for the country's upcoming second exploration licensing round. Romania currently produces about 135,000 barrels per day of oil, with reserves of about 1 billion barrels. Amoco, Shell, and Enterprise Oil are actively exploring in the country. (PON)

January 22

Venezuela starts a bidding round which offers 10 concessions with a resource potential of between 7 and 23 billion barrels of oil and up to 10 trillion cubic feet of natural gas reserves. Five blocks are located near the Furrial field in the Orinoco Delta, two in the northern Andes near Lake Maracaibo, two in the eastern Anzoátegui and Monagas states, and one in the Barinas region near the Colombian border. The government anticipates that production in these blocks may be able to increase the country's light and medium crude oil production by as much as 1 million barrels per day by 2003 and bring in tax revenues of between \$15 and \$20 billion. Over 75 companies, including British Petroleum, Exxon, and Shell, are involved in the auction. Awarded acreage will allow companies to develop the concessions on a profit sharing basis. (FT, PON)

January 23

Bahrain agrees to accept International Court of Justice (ICJ) jurisdiction in a longstanding dispute over the potentially oil-rich Hawar Islands and the Fahst al-Ditbah and Jarada sandbars. In May 1993, Bahrain passed a law which decreed its sovereignty over the islands and reefs, some of which are only a mile from Qatar's coast. After Qatar filed a case with the ICJ in February 1994, Bahrain refused to acknowledge the Court's jurisdiction. In February 1995, both sides then requested Saudi mediation outside of the ICJ. Bahrain now states that it will accept the ICJ's jurisdiction if a related dispute over northwestern Qatar's Zubara region is included in the case. The ancestors of Bahrain's ruling family are buried in Zubara. (DJ)

January 26

Colombian rebels dynamite the country's 230,000-barrel-per-day Cano Limon-Covenas pipeline. The pipeline is bombed simultaneously in two locations 200 miles apart, resulting in an estimated spill of about 10,800 barrels of oil. The line is the primary transport route for crude oil production from the country's prolific Llanos basin fields to the Covenas export terminal on the Caribbean coast. So far, the line has been bombed eight times in 1996, 46 times in 1995, and around 400 times since its inauguration in 1986. In late 1995, the Colombian government released a report stating that oil companies have spent \$500 million since 1991 on security measures to protect oil infrastructure from guerilla attacks. (DJ)

January 29

In Nigeria, Shell workers stage a strike after the company announces plans to cut 10 percent of its 5,000-person workforce. Initial reports state that oil production remains unaffected. The strike also comes a day after Shell admits to importing weapons for Nigeria's police force. The company says that it provided handguns to police in order to provide adequate protection for its oil facilities. In other developments in Nigeria during the month, the son of Nigerian ruler General Sani Abacha is killed in a plane crash on January 17. The crash is followed several days later by bomb blasts at the Kano airport where Ibrahim Abacha's plane attempted to land. (DJ, WP)

January 30

Vice Admiral Scott Redd, commander of the U.S. Fifth Fleet based in the Persian Gulf, states that Iran test-fired a new anti-ship missile near the Strait of Hormuz on January 6. The missile reportedly has a range of 60 miles and is viewed as a threat to regional security by U.S. naval forces operating in the area. Oil tankers carry about 15 million barrels per day through the Strait. (DJ)

A Dubai-based oil tanker sinks approximately 1.5 miles off Iran's Lavan Island in the Persian Gulf. The 803-ton ship was *en route* from Dubai to the Iranian port of Bushehr when it suffered an unspecified "accident" and began taking on water. (DJ)

January 31

In Mexico's southeastern Tabasco region, about 1,000 protestors demand compensation for pollution caused by state-owned Pemex's oil operations. Demonstrators take control of 18 oil drilling rigs and prevent drilling and maintenance activity at 21 other rigs by blocking regional highways. Mexico has an estimated 4,700 oil wells nationwide and the country's oil production remains unaffected. (NYT)

In Yemen, France-based Total and U.S.-based Hunt Oil sign a memorandum of participation regarding a \$3-billion liquefied natural gas (LNG) export deal recently ratified by the Yemeni parliament. In September 1995, Total and Yemen's government agreed to build a 5-million-ton-per-year LNG plant. However, natural gas supplies to the LNG plant would come from the Marib concession already awarded to a Hunt Oil-led consortium, which includes Exxon. After months of talks between the various companies, Total and the government agree to give the Hunt consortium a 38 percent stake in the project. (DJ)

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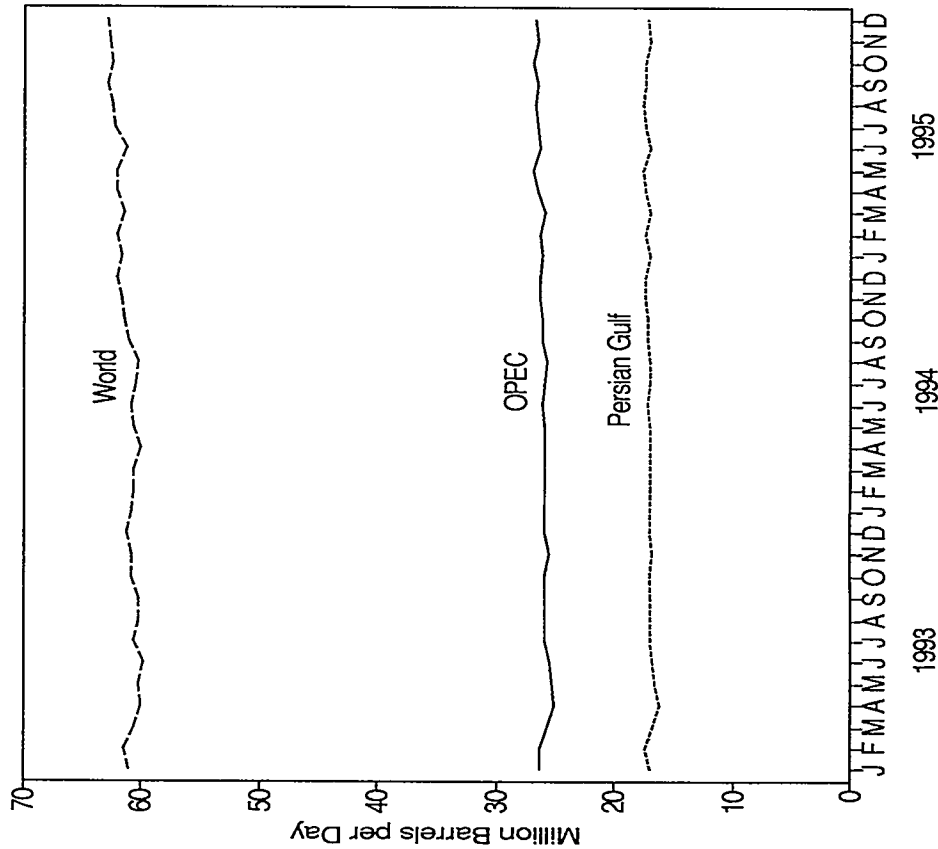
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1. Annual and Monthly Oil Data

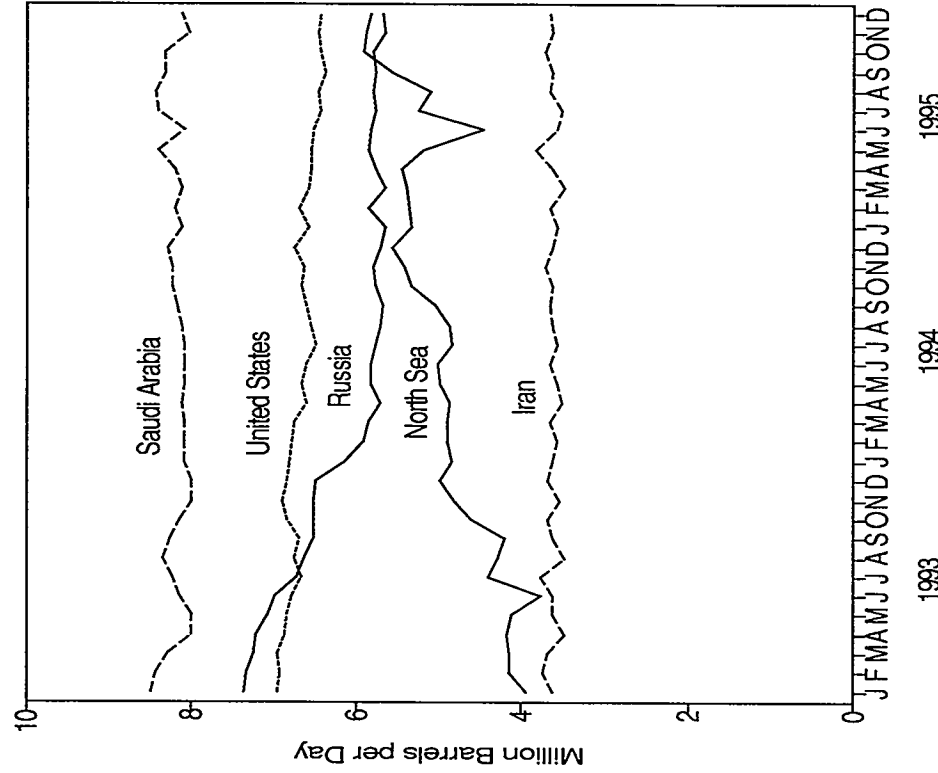


Figure 1. World Crude Oil Production, Monthly



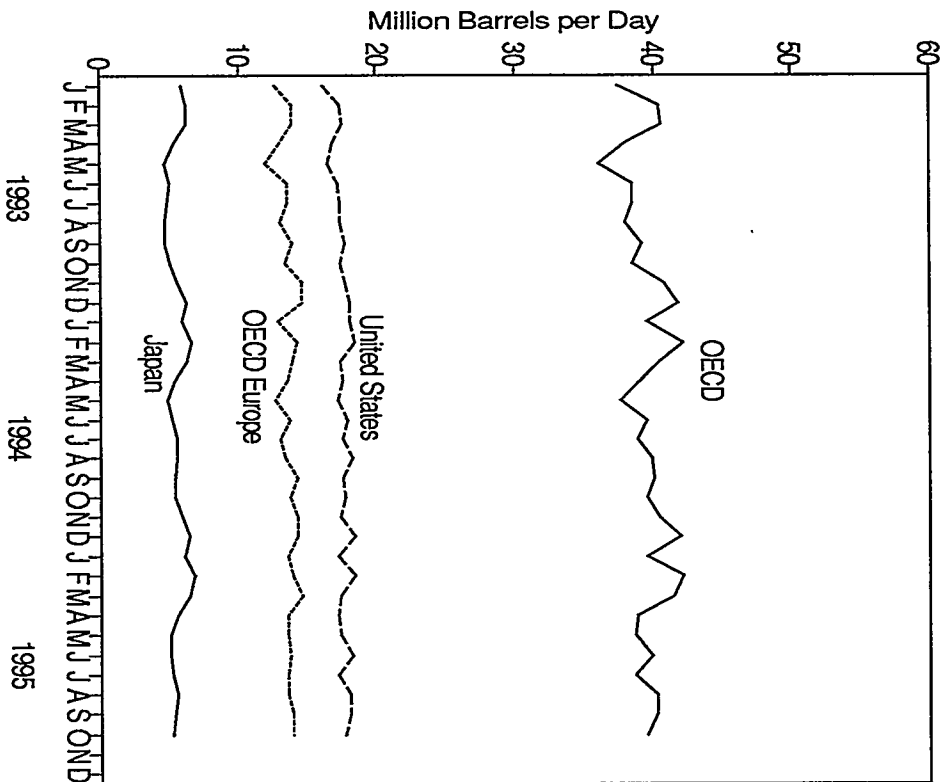
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Figure 2. Leading Crude Oil Producers, Monthly



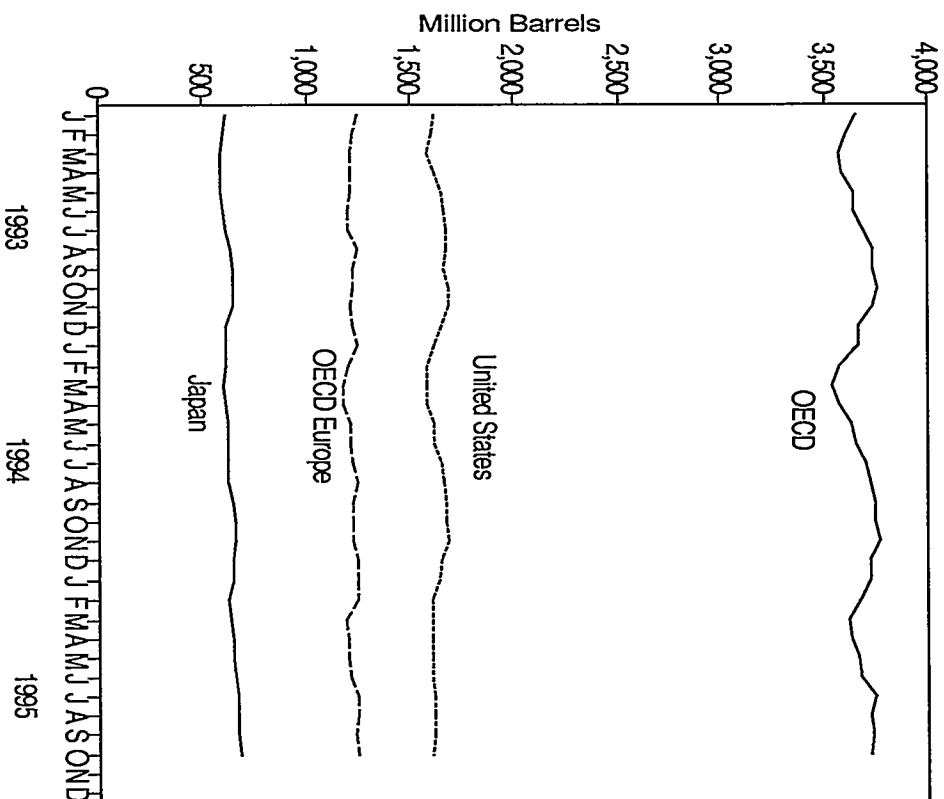
Source: Tables 1.1a-1.1c

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 / Emirates	United Arab Emirates	Vene- zuela	Total OPEC
1985 Average.....	1,037	172	1,325	2,250	1,433	1,023	1,059	1,495	3,388	1,193	1,677	16,353
1986 Average.....	945	166	1,390	2,035	1,690	1,419	1,034	1,467	4,870	1,330	1,787	18,441
1987 Average.....	1,048	155	1,343	2,298	2,079	1,585	972	1,341	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	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	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	6,410	2,117	2,137	23,465
1991 Average.....	1,230	294	1,592	3,429	305	190	1,483	1,892	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	1,943	8,332	2,266	2,371	24,695
1993 Average.....	1,190	312	1,528	3,650	512	1,872	1,377	2,050	8,198	2,191	2,450	25,748
1994 January.....	1,170	290	1,510	3,635	545	1,995	1,370	2,200	8,095	2,250	2,490	25,995
February.....	1,170	290	1,510	3,585	545	1,998	1,370	2,200	8,088	2,275	2,490	25,950
March.....	1,170	310	1,510	3,685	545	2,005	1,370	2,150	8,095	2,250	2,490	26,025
April.....	1,170	330	1,510	3,535	555	2,020	1,370	2,070	8,110	2,250	2,480	25,845
May.....	1,170	340	1,510	3,585	555	2,050	1,370	2,100	8,090	2,260	2,500	25,975
June.....	1,170	340	1,510	3,685	555	2,050	1,370	2,090	8,090	2,280	2,500	26,095
July.....	1,170	340	1,510	3,585	555	2,050	1,380	1,990	8,100	2,280	2,520	25,955
August.....	1,170	340	1,530	3,635	555	2,050	1,390	1,630	8,120	2,280	2,540	25,675
September.....	1,170	340	1,510	3,685	555	2,050	1,370	2,010	8,180	2,280	2,540	26,135
October.....	1,170	340	1,520	3,635	555	2,045	1,390	2,080	8,245	2,240	2,540	26,145
November.....	1,170	340	1,520	3,735	555	2,045	1,390	1,980	8,245	2,240	2,540	26,215
December.....	1,170	340	1,520	3,635	555	2,050	1,390	1,965	8,300	2,270	2,530	26,190
1994 Average.....	1,170	329	1,514	3,635	553	2,034	1,378	2,037	8,147	2,263	2,514	26,017
1995 January.....	1,180	335	1,520	3,585	555	2,070	1,390	2,000	8,120	2,280	2,600	26,090
February.....	1,180	335	1,500	3,685	555	2,070	1,390	1,980	8,220	2,280	2,600	26,270
March.....	1,180	335	1,510	3,485	555	2,060	1,390	1,890	8,110	2,280	2,600	25,880
April.....	1,180	335	1,510	3,635	555	2,070	1,390	2,050	8,220	2,280	2,670	26,380
May.....	1,180	335	1,510	3,835	555	2,050	1,390	2,080	8,400	2,280	2,790	26,890
June.....	1,180	335	1,510	3,585	555	2,050	1,390	1,960	8,100	2,280	2,790	26,220
July.....	1,210	335	1,510	3,535	555	2,060	1,390	1,980	8,410	2,280	2,790	26,540
August.....	1,210	350	1,510	3,685	555	2,075	1,390	2,035	8,425	2,280	2,790	26,790
September.....	1,210	350	1,510	3,635	555	2,035	1,390	2,040	8,315	2,280	2,790	26,595
October.....	1,210	350	1,560	3,735	555	2,065	1,390	2,060	8,315	2,280	2,840	26,845
November.....	1,220	350	1,560	3,635	555	2,070	1,390	2,110	8,020	2,280	2,840	26,525
December.....	1,220	350	1,560	3,685	555	2,060	1,390	2,130	8,110	2,245	2,890	26,700
1995 Average.....	1,197	341	1,523	3,643	555	2,061	1,390	2,026	8,231	2,277	2,750	26,479

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 December 1995, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 420 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
(Thousands 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	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											
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	510	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	1,847	2,980	605	390
July.....	2,765	2,350	5,253	660	720	595	750	1,843	2,980	615	385
August.....	2,560	2,405	5,107	660	720	600	760	1,805	3,015	620	375
September.....	2,775	2,655	5,581	655	720	605	730	1,890	3,070	645	390
October.....	3,030	2,740	5,924	R690	R720	570	R755	1,840	3,070	R635	390
November.....	3,060	2,685	5,889	R690	R720	570	R750	R1,835	3,070	R605	390
December.....	3,095	2,615	5,854	690	720	570	750	1,840	3,070	580	390
1995 Average.....	2,768	2,489	5,406	646	713	571	695	1,814	3,015	584	392

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	7,632	--	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	630	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	3,407	62,172
May.....	890	715	680	2,680	850	5,860	--	610	E6,572	3,424	62,155
June.....	890	720	680	2,700	850	5,856	--	610	E6,540	3,435	61,317
July.....	890	720	690	2,705	850	5,776	--	610	E6,449	3,429	62,322
August.....	890	715	690	2,710	850	5,820	--	610	E6,462	3,406	62,464
September.....	890	720	690	2,740	850	5,789	--	610	E6,380	3,412	62,811
October.....	890	R690	690	1,900	860	R5,798	--	605	E6,429	R3,392	R62,540
November.....	890	R685	690	2,555	860	R5,662	--	605	RE6,489	R3,372	R62,708
December.....	890	685	690	2,765	860	5,684	--	605	PE6,445	3,379	63,023
1995 Average.....	890	702	682	2,618	851	5,768	--	610	PE6,518	3,409	62,215

^{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 / Kuwait ²	Libya	Nigeria	Qatar	Saudi Arabia ¹ / Arabia ²	United Arab Emirates	Vene- zuela	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	305	1,190	1,483	1,832	395	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,453	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
October...	780	350	1,380	3,700	550	2,065	1,390	1,910	450	8,315	2,200	2,800	25,890
November...	790	350	1,380	3,600	550	2,070	1,390	1,960	470	8,020	2,200	2,800	25,570
December...	790	350	1,380	3,650	550	2,060	1,390	1,980	460	8,110	2,165	2,850	25,745
1995 Average...	767	341	1,343	3,608	550	2,061	1,390	1,876	449	8,231	2,197	2,710	25,524

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. Kuwait 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 December 1995, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 420 thousand barrels per day.

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/}	OAPEC ^{3/}	OPEC ^{3/}	World
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 January.....	145	560	465	695	400	1,615	1,080	1,257	1,450	5,165
February.....	145	579	460	695	400	1,633	1,080	1,257	1,450	5,187
March.....	145	509	450	695	400	1,668	1,080	1,257	1,450	5,141
April.....	145	540	460	695	400	1,679	1,080	1,257	1,450	5,203
May.....	145	509	460	695	400	1,711	1,080	1,257	1,450	5,204
June.....	145	494	435	695	400	1,733	1,080	1,257	1,450	5,196
July.....	145	495	455	695	400	1,753	1,080	1,257	1,450	5,227
August.....	145	553	465	695	400	1,760	1,080	1,257	1,450	5,313
September.....	145	495	465	700	400	1,792	1,085	1,262	1,455	5,291
October.....	145	552	470	705	400	1,748	1,090	1,267	1,460	5,380
November.....	145	587	475	705	400	1,815	1,090	1,267	1,460	5,512
December.....	145	585	475	705	400	1,807	1,090	1,267	1,460	5,532
1994 Average.....	145	538	461	698	400	1,727	1,083	1,260	1,453	5,280
1995 January.....	145	617	475	695	410	1,773	1,080	1,257	1,450	5,550
February.....	145	591	405	695	410	1,774	1,080	1,257	1,450	5,464
March.....	145	611	440	695	410	1,773	1,080	1,257	1,450	5,508
April.....	145	617	425	700	410	1,789	1,085	1,262	1,455	5,501
May.....	145	554	460	705	410	1,785	1,090	1,267	1,460	5,469
June.....	145	536	460	695	410	1,740	1,080	1,257	1,450	5,291
July.....	145	525	455	715	410	1,751	1,100	1,277	1,470	5,376
August.....	145	552	470	715	410	1,730	1,100	1,277	1,470	5,362
September.....	145	R567	470	710	410	1,773	1,095	1,272	1,465	R5,455
October.....	145	R551	365	710	410	1,771	1,095	1,272	1,465	R5,387
November.....	145	580	455	685	410	1,739	1,070	1,247	1,440	5,429
December.....	145	580	475	695	410	E1,773	1,080	1,257	1,450	5,473
1995 Average.....	145	573	447	701	410	E1,764	1,086	1,263	1,456	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/} 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.

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
(Thousands 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	69,580
May.....	E9,422	18,767	19,254	28,407	69,553
June.....	E9,344	18,207	18,949	27,727	68,536
July.....	E9,273	18,497	19,319	28,067	69,636
August.....	E9,282	18,677	19,344	28,317	69,780
September.....	E9,250	18,472	19,194	28,117	R70,227
October.....	E9,298	18,602	19,219	28,367	R69,889
November.....	E9,300	18,197	18,924	28,022	R70,073
December.....	PE9,283	18,312	18,989	28,207	70,425
1995 Average.....	PE9,343	18,410	19,110	27,993	69,579

^{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.....	164	162	310	116	1,243	1,659	115	632	74	3,724
September.....	159	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	1,244	1,641	121	650	69	3,725
February.....	164	163	317	114	1,248	1,603	121	631	64	3,668
March.....	152	159	305	105	1,194	1,599	125	636	68	3,621
April.....	156	159	306	107	1,200	1,600	119	642	71	3,631
May.....	153	161	304	112	1,207	1,611	116	652	72	3,657
June.....	166	168	301	102	1,213	1,609	126	656	73	3,677
July.....	160	171	304	110	1,244	1,623	129	667	77	3,740
August.....	160	174	304	109	1,242	1,613	119	671	72	3,716
September.....	162	163	301	110	1,236	1,618	126	675	77	3,732
October.....	162	165	304	110	1,243	1,605	119	681	77	3,725

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 September 1995)
(Million Barrels)

Country	Commercial	Government Owned	Total
Canada.....	126	0	126
United States ^{1/}	1,026	592	1,618
United States Territories.....	25	0	25
Japan.....	395	280	675
Australia/New Zealand.....	52	NA	52
Austria.....	21	0	21
Belgium/Luxembourg.....	32	0	32
Denmark.....	28	0	28
Finland.....	26	0	26
France.....	162	0	162
Germany ^{2/}	246	55	301
Greece.....	26	NA	26
Ireland.....	6	2	8
Italy.....	157	6	163
Netherlands.....	104	0	104
Norway.....	45	0	45
Portugal.....	21	0	21
Spain.....	92	0	92
Sweden.....	27	0	27
Switzerland.....	29	0	29
Turkey.....	43	0	43
United Kingdom.....	110	0	110
OECD Europe.....	1,173	63	1,236
Total OECD.....	2,797	935	3,732

^{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	1,944	2,730	1,754	R13,554	17,167	1,671	6,075	1,123	R39,591
February....	1,895	2,128	2,802	1,953	R13,932	18,355	1,857	6,787	1,175	R42,107
March....	2,002	1,993	3,188	1,972	R14,622	17,403	1,704	6,378	1,241	R41,348
April....	1,843	1,837	2,854	R1,788	R13,509	17,102	R1,569	R5,583	1,170	R38,933
May....	1,764	1,829	2,940	R1,778	R13,466	17,241	R1,732	R5,037	1,263	R38,739
June....	1,850	1,884	2,874	R1,809	R13,772	18,149	R1,774	R5,009	1,219	R39,922
July....	1,939	R1,861	R2,827	R1,736	R13,435	17,113	R1,734	5,129	R1,163	R38,574
August....	R1,786	R1,722	2,932	R1,795	R13,600	17,993	R1,854	5,546	1,223	R40,216
September....	R1,887	R1,961	R2,938	R1,818	R13,908	18,011	R1,768	R5,369	R1,225	R40,282
October....	1,869	2,077	2,749	1,840	13,856	17,626	1,729	5,177	1,157	39,545

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, January 1996.

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, November 1986.

Oil Stocks

United States: EIA, Petroleum Supply Annual 1994 and Petroleum Supply Monthly, January 1996.

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, January 1996.

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			Annual			Annual			Annual			Annual		
	Average			Average			Average			Average			Average		
<u>Supply1/</u> OECD															
United States2/.....	9.88	9.77	9.60	9.39	9.34	9.35	9.58	9.41	9.43	9.39	9.27	9.29	9.34	9.34	9.34
Other OECD.....	7.57	8.02	8.24	8.91	8.99	9.09	9.74	9.18	9.73	9.34	9.65	10.26	9.75	9.75	9.75
Total OECD.....	17.45	17.79	17.84	18.29	18.32	18.43	19.32	18.60	19.16	18.73	18.92	19.55	19.09	19.09	19.09
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	28.20	27.99	27.99	27.99
Former USSR.....	10.41	8.93	8.10	7.19	6.99	6.91	6.95	7.01	6.92	7.03	6.99	6.90	6.96	6.96	6.96
Other Non-OECD.....	13.81	14.01	14.48	14.74	14.82	15.03	15.21	14.95	15.41	15.46	15.80	15.47	15.54	15.54	15.54
Total Non-OECD.....	49.16	49.06	49.84	49.43	49.29	49.37	49.86	49.49	49.91	50.50	50.96	50.57	50.49	50.49	50.49
Total World Supply.....	66.61	66.85	67.68	67.72	67.61	67.81	69.18	68.08	69.07	69.23	69.88	70.13	69.58	69.58	69.58
<u>Demand3/</u> OECD															
United States2/.....	16.71	17.03	17.24	17.89	17.49	17.70	17.79	17.72	17.62	17.49	17.70	NA	NA	NA	NA
Other OECD.....	21.35	21.74	21.70	22.70	21.17	21.92	22.84	22.16	23.36	21.70	21.99	NA	NA	NA	NA
Total OECD.....	38.07	38.77	38.94	40.60	38.67	39.62	40.63	39.88	40.98	39.20	39.69	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	3.29	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	4.41	NA	NA	NA	NA
Other Non-OECD.....	17.80	18.35	18.83	20.80	20.40	20.30	21.60	20.78	21.61	21.21	21.11	NA	NA	NA	NA
Total Non-OECD.....	28.65	27.81	27.71	29.20	27.90	28.00	29.70	28.70	29.98	28.71	28.81	NA	NA	NA	NA
Total World Demand.....	66.72	66.57	66.65	69.80	66.57	67.62	70.33	68.58	70.96	67.91	68.50	NA	NA	NA	NA
<u>Stock Draws / Discrepancy</u> Net Reported Stock Draws4/															
U. S. Commercial.....	-.03	.08	-.12	.73	-.42	-.64	.33	.00	.60	-.11	-.10	NA	NA	NA	NA
U. S. Strategic.....	-.02	-.02	-.03	-.03	-.02	.00	.00	-.01	.00	.00	.00	NA	NA	NA	NA
Other OECD.....	-.35	-.07	-.05	.62	-.77	-.38	-.10	-.16	.56	-.51	-.50	NA	NA	NA	NA
For Export & Afloat.....	.07	-.10	-.04	.11	.00	.05	-.05	.03	-.28	.05	-.54	NA	NA	NA	NA
Commr. Floating Storage.....	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	NA	NA	NA	NA
Total Reported Draws.....	-.31	-.08	-.24	1.43	-1.21	-.97	.18	-.15	.88	-.56	-1.15	NA	NA	NA	NA
Other Stock Draws and Statistical Discrepancy5/	.41	-.20	-.79	.65	.16	.79	.97	.64	1.01	-.76	-.23	NA	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				Quarter				Annual				Quarter				Annual			
	Average				First	Second	Third	Fourth	Average				First	Second	Third	Fourth	Average			
OECD																				
United States1/...	9.88	9.77	9.60	9.39	9.34	9.35	9.58	9.41	9.43	9.39	9.27	9.29	9.34							
Canada.....	2.03	2.13	2.24	2.30	2.27	2.37	2.40	2.33	2.43	2.42	2.45	2.46	2.44							
North Sea2/.....	4.05	4.44	4.58	5.19	5.26	5.22	5.83	5.38	5.81	5.43	5.68	6.31	5.81							
Other OECD.....	1.49	1.46	1.41	1.42	1.46	1.49	1.52	1.47	1.49	1.49	1.52	1.49	1.50							
Total OECD.....	17.45	17.79	17.84	18.29	18.32	18.43	19.32	18.60	19.16	18.73	18.92	19.55	19.09							
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	1.22	1.20							
Gabon.....	.29	.30	.31	.30	.34	.34	.34	.33	.33	.33	.34	.35	.34							
Indonesia....	1.59	1.50	1.53	1.51	1.51	1.52	1.52	1.51	1.51	1.51	1.51	1.56	1.52							
Iran.....	3.31	3.43	3.65	3.64	3.60	3.63	3.67	3.64	3.58	3.69	3.62	3.69	3.64							
Iraq.....	.30	.42	.51	.54	.55	.55	.55	.55	.55	.55	.55	.55	.55							
Kuwait.....	.19	1.06	1.87	2.00	2.04	2.05	2.05	2.03	2.07	2.06	2.06	2.06	2.06							
Libya.....	1.48	1.43	1.38	1.37	1.37	1.38	1.39	1.38	1.39	1.39	1.39	1.39	1.39							
Nigeria.....	1.89	1.94	2.05	2.18	2.09	1.88	2.01	2.04	1.96	2.03	2.02	2.10	2.03							
Qatar.....	.39	.42	.42	.44	.45	.45	.43	.44	.47	.48	.48	.49	.48							
Saudi Arabia..	8.11	8.33	8.20	8.09	8.10	8.13	8.26	8.15	8.15	8.24	8.38	8.15	8.23							
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	2.27	2.28							
Venezuela....	2.38	2.37	2.45	2.49	2.49	2.53	2.54	2.51	2.60	2.75	2.79	2.86	2.75							
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	1.45	1.46							
Processing Gain.	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06							
Total OPEC.....	24.94	26.12	27.26	27.50	27.48	27.43	27.70	27.53	27.58	28.01	28.17	28.20	27.99							
Former USSR.....	10.41	8.93	8.10	7.19	6.99	6.91	6.95	7.01	6.92	7.03	6.99	6.90	6.96							
China.....	2.83	2.84	2.91	2.91	2.94	2.93	2.97	2.94	2.98	2.99	3.02	3.07	3.02							
Mexico.....	3.17	3.15	3.16	3.20	3.17	3.17	3.18	3.18	3.14	3.16	3.21	2.86	3.09							
Other Non-OECD....	7.81	8.02	8.42	8.63	8.71	8.93	9.06	8.83	9.29	9.31	9.57	9.54	9.43							
Total Non-OECD....	49.16	49.06	49.84	49.43	49.29	49.37	49.86	49.49	49.91	50.50	50.96	50.57	50.49							
Total Supply.....	66.61	66.85	67.68	67.72	67.61	67.81	69.18	68.08	69.07	69.23	69.88	70.13	69.58							

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.

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			
				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	1,026	NA
Strategic.....	569	575	587	590	592	592	592	592	592	592	NA
U. S. Territories.....	24	24	25	26	25	26	26	23	26	25	NA
Canada.....	119	107	105	103	112	118	119	125	126	126	NA
Japan.....	606	603	618	602	630	646	645	636	656	675	NA
OECD Europe											
France.....	153	146	158	152	161	159	158	152	166	162	NA
Germany.....	288	310	309	306	308	305	312	305	301	301	NA
Italy.....	160	174	163	154	158	160	164	159	168	163	NA
United Kingdom.....	119	113	118	109	112	114	115	105	102	110	NA
Other OECD Europe....	461	476	475	460	478	490	490	473	477	501	NA
Total.....	1,181	1,219	1,221	1,181	1,216	1,227	1,240	1,194	1,213	1,236	NA
Australia & New Zealand	41	43	44	46	45	47	43	45	47	52	NA
Total OECD.....	3,588	3,588	3,661	3,542	3,652	3,747	3,726	3,621	3,677	3,732	NA
Stocks for Export											
and Afloat ^{2/}	895	930	945	935	935	930	935	960	955	1,005	NA
Commercial Floating ^{3/}	75	70	70	70	70	70	70	70	70	70	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.

NA=Not Available.

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			Quarter				Quarter					
	Average			First	Second	Third	Fourth	Annual Average	First	Second	Third	Fourth	Annual Average
OECD													
United States1/.....	16.71	17.03	17.24	17.89	17.49	17.70	17.79	17.72	17.62	17.49	17.70	NA	NA
U. S. Territories.....	.25	.22	.24	.24	.28	.24	.26	.26	.24	.26	.25	NA	NA
Canada.....	1.62	1.64	1.69	1.73	1.65	1.76	1.77	1.73	1.74	1.69	1.79	NA	NA
Japan.....	5.28	5.45	5.40	6.23	5.09	5.50	5.88	5.67	6.40	5.21	5.35	NA	NA
OECD Europe2/													
France.....	1.94	1.93	1.88	1.87	1.78	1.81	1.87	1.83	1.95	1.82	1.88	NA	NA
Italy.....	1.86	1.94	1.85	1.86	1.72	1.78	2.00	1.84	2.02	1.85	1.85	NA	NA
United Kingdom.....	1.80	1.80	1.81	1.87	1.82	1.78	1.87	1.84	1.89	1.79	1.78	NA	NA
Germany3/.....	2.83	2.84	2.90	2.84	2.88	2.92	2.87	2.88	2.91	2.89	2.90	NA	NA
Other OECD Europe....	4.96	5.10	5.05	5.17	5.05	5.19	5.37	5.19	5.27	5.23	5.25	NA	NA
Total OECD Europe....	13.39	13.60	13.49	13.62	13.25	13.48	13.99	13.58	14.04	13.58	13.65	NA	NA
Australia & New Zealand	.81	.82	.88	.90	.91	.93	.94	.92	.94	.96	.95	NA	NA
Total OECD.....	38.07	38.77	38.94	40.60	38.67	39.62	40.63	39.88	40.98	39.20	39.69	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	3.29	NA	NA
Former USSR.....	8.35	6.79	5.77	5.30	4.40	4.60	4.90	4.80	5.08	4.21	4.41	NA	NA
Other Non-OECD.....	17.80	18.35	18.83	20.80	20.40	20.30	21.60	20.78	21.61	21.21	21.11	NA	NA
Total Non-OECD.....	28.65	27.81	27.71	29.20	27.90	28.00	29.70	28.70	29.98	28.71	28.81	NA	NA
Total World Demand.....	66.72	66.57	66.65	69.80	66.57	67.62	70.33	68.58	70.96	67.91	68.50	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.

NA=Not Available.

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, January 1996.

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, January 1996.

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, January 1996.

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	Germany ^{1/}	Italy	Other Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}
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 OPEC ^{5/}	16.054	6.446	.306	.989	.841	1.117	3.193	4.230	.285	4.507	.586
Imports from Persian Gulf ^{6/}											
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. •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 3.2 Net Oil Imports into OECD Countries, (3rd 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..	21.246	7.450	-1.054	1.722	2.734	1.703	2.346	8.352	-0.692	5.475	0.661
Imports from OPEC5/	14.951	5.474	.270	.959	.706	1.162	2.377	4.391	.210	4.258	.619
Imports from Persian Gulf6/											
Total.....	8.721	2.950	.140	.697	.170	.486	1.459	1.550	.023	3.848	.350
Bahrain.....	.040	.000	.000	.000	.000	.000	.000	-.004	-	.039	.005
Iran.....	1.446	1.083	.019	.241	.030	.213	.579	.000	.000	.363	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.819	.084	.039	.021	.011	.000	.013	.187	.000	.529	.018
U.A.E.....	1.405	.020	.000	.000	.000	.000	.020	.011	.000	1.304	.071
Qatar.....	.341	.000	.000	.000	.000	.000	.000	.000	-	.325	.016
Saudi Arabia.....	4.671	1.763	.082	.434	.129	.272	.847	1.355	.023	1.289	.241
Imports from OPEC-Africa											
Total.....	3.783	2.295	.079	.261	.468	.646	.840	1.201	.102	.029	.157
Algeria.....	.923	.558	.034	.094	.116	.088	.225	.269	.041	.022	.034
Gabon.....	.290	.021	.000	.000	.010	.000	.011	.253	.000	.007	.010
Libya.....	1.206	1.206	.035	.038	.237	.535	.360	.000	.000	-	.000
Nigeria.....	1.364	.511	.009	.129	.105	.023	.244	.679	.061	.000	.113
Imports from OPEC-South America											
Total.....	1.881	.218	.051	.002	.068	.019	.078	1.531	.085	.000	.046
Venezuela.....	1.881	.218	.051	.002	.068	.019	.078	1.531	.085	.000	.046
Imports from OPEC-Far East											
Total.....	.606	.011	.000	.000	.000	.011	.000	.105	.000	.420	.070
Indonesia.....	.606	.011	.000	.000	.000	.011	.000	.105	.000	.420	.070

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 3.3 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..	21.004	7.621	-0.767	1.783	2.702	1.841	2.062	8.003	-0.826	5.463	0.742
Imports from OPEC ⁵ /	15.556	6.404	.272	.971	.776	1.182	3.204	4.107	.245	4.207	.592
Imports from Persian Gulf ⁶ /											
Total.....	9.106	3.486	.159	.704	.218	.473	1.932	1.517	.073	3.681	.349
Bahrain.....	.040	.000	.000	.000	.000	.000	.000	-.002	-	.040	.002
Iran.....	1.602	1.247	.020	.243	.032	.206	.745	.000	.007	.349	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.991	.315	.050	.043	.021	.000	.202	.213	.000	.460	.003
U.A.E.....	1.494	.003	.000	.003	.000	.000	.000	-.007	.000	1.384	.114
Qatar.....	.312	.000	.000	.000	.000	.000	.000	.000	-	.289	.023
Saudi Arabia.....	4.666	1.921	.089	.415	.165	.267	.984	1.314	.066	1.159	.207
Imports from OPEC-Africa											
Total.....	3.961	2.603	.046	.267	.453	.683	1.155	1.057	.105	.044	.152
Algeria.....	1.123	.822	.021	.109	.130	.090	.473	.230	.035	.015	.022
Gabon.....	.270	.021	.000	.011	.000	.000	.011	.242	.000	.007	-.001
Libya.....	1.222	1.222	.025	.052	.228	.586	.330	.000	.000	-	.000
Nigeria.....	1.347	.538	.000	.095	.095	.007	.341	.586	.070	.022	.131
Imports from OPEC-South America											
Total.....	1.849	.300	.067	.000	.105	.011	.118	1.446	.067	.002	.033
Venezuela.....	1.849	.300	.067	.000	.105	.011	.118	1.446	.067	.002	.033
Imports from OPEC-Far East											
Total.....	.679	.015	.000	.000	.000	.015	.000	.084	.000	.520	.061
Indonesia.....	.679	.015	.000	.000	.000	.015	.000	.084	.000	.520	.061

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

	1994						1995					
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total.....	21.119	21.793	19.707	20.899	20.549	20.345	20.992	21.674	21.287	20.769	21.697	20.158
United States ^{1/}	7.527	7.653	6.977	7.296	8.073	7.488	7.860	8.666	7.950	8.203	8.921	7.614
Canada.....	-.762	-.728	-.724	-.674	-.564	-.870	-.817	-.791	-.717	-.680	-.679	-.640
OECD Europe ^{2/}	7.627	8.016	6.970	7.380	6.017	7.226	7.573	8.067	7.814	7.187	7.345	6.896
Main European Importers												
France.....	1.762	1.531	1.762	1.760	1.497	1.770	1.791	1.789	1.917	1.504	1.745	1.638
Germany ^{3/}	2.863	2.742	2.659	2.760	2.611	2.767	2.715	2.623	2.756	2.750	2.694	2.740
Italy.....	2.011	2.119	1.822	1.886	1.730	1.784	1.635	2.110	1.755	1.759	1.591	1.965
Spain.....	.986	1.166	1.240	1.113	1.135	1.210	1.131	1.191	1.213	1.119	1.266	1.130
Netherlands.....	.562	.850	.662	.645	.423	.733	.568	.879	.869	.850	.863	.652
European Net Exporters												
Norway.....	-2.812	-2.607	-2.881	-2.705	-2.674	-2.946	-2.409	-2.703	-2.609	-2.837	-2.716	-3.042
United Kingdom.....	-.833	-.970	-1.097	-.993	-1.220	-1.053	-.614	-.638	-1.272	-.857	-1.033	-.964
Smaller European Importers												
Austria.....	.195	.228	.192	.212	.187	.206	.230	.221	.228	.203	.227	.203
Belgium.....	.455	.578	.552	.534	.472	.485	.454	.466	.491	.510	.465	.464
Denmark.....	.014	.019	.051	.022	.031	.054	-.011	.061	.056	.055	.024	.027
Ireland.....	.130	.107	.141	.101	.133	.097	.138	.089	.127	.126	.097	.120
Finland.....	.219	.455	.132	.159	.179	.269	.311	.206	.200	.243	.267	.162
Greece.....	.439	.296	.367	.462	.251	.351	.277	.343	.380	.305	.299	.258
Iceland.....	.004	.025	.011	.014	.013	.014	.024	.009	.020	.020	.009	.014
Luxembourg.....	.041	.038	.036	.035	.041	.035	.037	.037	.030	.033	.039	.037
Portugal.....	.355	.306	.227	.298	.292	.252	.300	.317	.361	.239	.302	.347
Sweden.....	.402	.389	.276	.289	.239	.390	.293	.267	.394	.359	.216	.339
Switzerland.....	.272	.264	.250	.241	.190	.249	.240	.270	.269	.271	.264	.245
Turkey.....	.563	.480	.567	.548	.485	.560	.463	.530	.632	.533	.728	.564
Japan.....	6.079	6.256	6.029	6.298	6.384	5.665	5.685	5.032	5.501	5.522	5.400	5.503
Other OECD.....	.648	.595	.455	.599	.639	.835	.692	.700	.739	.537	.710	.785

^{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												Oct
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept		Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept		
Total.....	15.948	16.792	15.441	15.470	16.002	15.031	15.529	16.107	15.219	14.442	15.200	14.991													
United States1/.....	4.146	4.423	3.805	4.097	4.367	3.885	4.013	4.427	4.328	4.118	4.737	4.178													
Canada.....	.161	.374	.213	.320	.219	.117	.297	.320	.280	.170	.178	.213													
OECD Europe2/.....	6.390	6.590	6.308	5.416	5.558	6.157	6.248	6.813	5.735	5.217	5.471	5.536													
Main European Importers																									
France.....	.815	.955	.949	.836	.776	.857	.977	1.078	1.221	.731	.925	1.059													
Germany3/.....	.843	.829	.661	.818	.750	.715	.804	.807	.654	.773	.690	.757													
Italy.....	1.142	1.266	1.137	1.163	1.074	1.206	1.033	1.311	1.069	1.283	1.132	1.389													
Spain.....	.704	.665	.791	.713	.659	.748	.728	.859	.678	.703	.791	.556													
Netherlands.....	.805	.967	.934	.000	.736	.695	.917	.915	.007	.000	.000	.000													
European Net Exporters																									
Norway.....	.005	.003	.000	.000	.028	.000	.000	.000	.000	.000	.000	.007													
United Kingdom....	.310	.269	.187	.312	.194	.299	.314	.201	.262	.278	.271	.257													
Smaller European Importers																									
Austria.....	.135	.166	.000	.000	.000	.151	.124	.099	.144	.034	.117	.104													
Belgium.....	.259	.322	.322	.339	.241	.211	.258	.289	.272	.310	.304	.245													
Denmark.....	.003	.004	.021	.019	.024	.025	.014	.000	.024	.037	.020	.024													
Ireland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000													
Finland.....	.001	.000	.000	.001	.000	.000	.000	.000	.023	.020	.000	.000													
Greece.....	.302	.244	.295	.289	.191	.333	.178	.255	.356	.226	.218	.192													
Portugal.....	.351	.198	.280	.170	.273	.168	.224	.275	.300	.161	.221	.199													
Sweden.....	.096	.182	.166	.170	.140	.206	.152	.148	.165	.180	.116	.168													
Switzerland.....	.098	.077	.087	.101	.028	.087	.087	.088	.062	.098	.089	.080													
Turkey.....	.519	.443	.477	.485	.445	.455	.438	.488	.498	.384	.577	.499													
Japan.....	4.768	4.840	4.555	5.114	5.168	4.299	4.326	3.991	4.271	4.391	4.108	4.368													
Other OECD.....	.483	.563	.558	.523	.691	.573	.645	.556	.606	.547	.707	.696													

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					
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total.....	9.469	9.896	9.259	9.247	9.817	8.877	9.266	9.169	8.888	8.544	8.731	8.980
United States ^{1/}	1.726	1.765	1.453	1.533	1.784	1.544	1.482	1.527	1.454	1.524	1.675	1.521
Canada.....	.000	.132	.068	.074	.064	.000	.151	.066	.067	.000	.000	.064
OECD Europe ^{2/}	3.354	3.431	3.358	2.798	3.024	3.252	3.481	3.725	3.158	2.719	2.975	2.937
Main European Importers												
France.....	.441	.611	.552	.599	.602	.601	.722	.788	.840	.593	.655	.749
Germany ^{3/}	.190	.142	.093	.201	.239	.221	.211	.223	.194	.144	.171	.170
Italy.....	.416	.416	.432	.421	.371	.422	.412	.586	.445	.542	.469	.695
Spain.....	.271	.259	.295	.237	.222	.334	.354	.357	.264	.328	.394	.232
Netherlands.....	.610	.662	.718	.000	.570	.485	.636	.608	.000	.000	.000	.000
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom....	.154	.178	.082	.232	.114	.220	.180	.076	.135	.135	.149	.082
Smaller European Importers												
Austria.....	.051	.035	.000	.000	.000	.053	.025	.031	.061	.034	.044	.067
Belgium.....	.246	.294	.313	.311	.216	.187	.234	.261	.244	.272	.280	.220
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.001	.000	.000	.001	.000	.000	.000	.000	.001	.020	.000	.000
Greece.....	.247	.218	.238	.254	.160	.270	.147	.216	.295	.189	.171	.143
Portugal.....	.205	.111	.149	.088	.099	.051	.109	.142	.189	.038	.143	.099
Sweden.....	.066	.127	.109	.119	.098	.145	.106	.104	.116	.126	.082	.118
Switzerland.....	.005	.004	.000	.000	.000	.015	.010	.010	.009	.009	.015	.010
Turkey.....	.450	.372	.377	.334	.333	.248	.334	.323	.363	.288	.403	.353
Japan.....	4.156	4.262	4.119	4.519	4.650	3.716	3.838	3.483	3.802	4.013	3.726	3.856
Other OECD.....	.234	.307	.260	.322	.296	.364	.314	.368	.407	.288	.356	.601

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)

	1995											
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total Net Imports...	7.527	7.653	6.977	7.296	8.073	7.488	7.860	8.666	7.950	8.203	8.921	7.614
Imports from OPEC1/	4.146	4.423	3.805	4.097	4.367	3.885	4.013	4.427	4.328	4.118	4.737	4.178
Imports from Persian Gulf2/												
Total.....	1.726	1.765	1.453	1.533	1.784	1.544	1.482	1.527	1.454	1.524	1.675	1.521
Bahrain.....	.000	-.003	-.003	-.004	-.003	.000	-.003	-.004	-.004	-.004	-.003	.000
Iran.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.249	.240	.130	.346	.252	.171	.208	.260	.195	.180	.187	.250
U.A.E.....	.000	.003	.017	.010	.000	-.002	-.003	-.016	-.002	.008	.027	.012
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	1.477	1.525	1.309	1.181	1.535	1.375	1.280	1.287	1.265	1.340	1.464	1.259
Imports from OPEC-Africa												
Total.....	.942	1.152	.975	1.007	1.042	.881	.972	1.321	1.264	1.026	1.317	1.140
Algeria.....	.203	.259	.168	.358	.196	.251	.163	.277	.257	.298	.250	.229
Gabon.....	.254	.154	.224	.186	.159	.163	.206	.357	.296	.246	.216	.270
Libya.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.485	.739	.583	.463	.687	.467	.603	.687	.711	.482	.851	.641
Imports from OPEC-South America												
Total.....	1.410	1.393	1.336	1.424	1.490	1.368	1.491	1.479	1.505	1.445	1.648	1.430
Venezuela.....	1.410	1.393	1.336	1.424	1.490	1.368	1.491	1.479	1.505	1.445	1.648	1.430
Imports from OPEC-Far East												
Total.....	.068	.110	.038	.129	.048	.092	.065	.096	.101	.119	.094	.087
Indonesia.....	.068	.110	.038	.129	.048	.092	.065	.096	.101	.119	.094	.087

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. •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)

	1994						1995					
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total Net Imports..	6.079	6.256	6.029	6.298	6.384	5.665	5.685	5.032	5.501	5.522	5.400	5.503
Imports from OPEC ^{1/}	4.768	4.840	4.555	5.114	5.168	4.299	4.326	3.991	4.271	4.391	4.108	4.368
Imports from Persian Gulf ^{2/}												
Total.....	4.156	4.262	4.119	4.519	4.650	3.716	3.838	3.483	3.802	4.013	3.726	3.856
Bahrain.....	.031	.023	.035	.018	.018	.040	.024	.056	.006	.070	.040	.030
Iran.....	.440	.516	.449	.441	.565	.358	.355	.332	.426	.391	.269	.439
Kuwait.....	.481	.523	.498	.544	.450	.428	.407	.547	.479	.535	.575	.418
U.A.E.....	1.550	1.459	1.384	1.649	1.556	1.460	1.432	1.259	1.276	1.338	1.297	1.463
Qatar.....	.272	.334	.369	.373	.468	.287	.374	.203	.309	.304	.363	.292
Saudi Arabia.....	1.382	1.407	1.384	1.496	1.593	1.142	1.247	1.084	1.307	1.374	1.181	1.214
Imports from OPEC-Africa												
Total.....	.041	.029	.000	.074	.013	.084	.018	.030	.037	.028	.020	.039
Algeria.....	.007	.000	.000	.000	.000	.000	.014	.030	.016	.028	.020	.039
Gabon.....	.000	.000	.000	.022	.000	.022	.000	.000	.021	.000	.000	.000
Nigeria.....	.034	.029	.000	.051	.013	.063	.004	.000	.000	.000	.000	.000
Imports from OPEC-South America												
Total.....	.000	.015	.000	.014	.000	.000	.006	.000	.000	.000	.000	.000
Venezuela.....	.000	.015	.000	.014	.000	.000	.006	.000	.000	.000	.000	.000
Imports from OPEC-Far East												
Total.....	.602	.557	.471	.525	.523	.539	.487	.535	.438	.420	.402	.503
Indonesia.....	.602	.557	.471	.525	.523	.539	.487	.535	.438	.420	.402	.503

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. •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											
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total Net Imports...	7.627	8.016	6.970	7.380	6.017	7.226	7.573	8.067	7.814	7.187	7.345	6.896												
Imports from OPEC1/	6.390	6.590	6.308	5.416	5.558	6.157	6.248	6.813	5.735	5.217	5.471	5.536												
Imports from Persian Gulf2/																								
Total.....	3.354	3.431	3.358	2.798	3.024	3.252	3.481	3.725	3.158	2.719	2.975	2.937												
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001												
Iraq.....	1.232	.913	1.069	.948	1.001	.981	1.298	1.461	1.138	1.053	1.057	1.091												
Iran.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000												
Kuwait.....	.252	.303	.346	.161	.191	.398	.314	.233	.078	.119	.055	.067												
U.A.E.....	.049	.022	.047	.000	.000	.000	.000	.008	.038	.020	.000	.016												
Qatar.....	.000	.000	.000	.000	.018	.000	.000	.000	.000	.000	.000	.000												
Saudi Arabia.....	1.821	2.193	1.896	1.688	1.814	1.874	1.869	2.022	1.904	1.527	1.861	1.762												
Imports from OPEC-Africa																								
Total.....	2.810	2.833	2.707	2.380	2.246	2.572	2.467	2.776	2.356	2.244	2.285	2.352												
Algeria.....	.831	.677	.627	.702	.614	.939	.710	.821	.580	.418	.679	.614												
Gabon.....	.043	.064	.129	.000	.059	.032	.000	.033	.039	.012	.011	.012												
Libya.....	1.132	1.321	1.202	1.185	1.174	1.169	1.199	1.297	1.240	1.251	1.124	1.215												
Nigeria.....	.805	.772	.749	.493	.399	.431	.558	.625	.496	.563	.472	.510												
Imports from OPEC-South America																								
Total.....	.205	.299	.220	.220	.271	.315	.273	.313	.221	.238	.195	.234												
Venezuela.....	.205	.299	.220	.220	.271	.315	.273	.313	.221	.238	.195	.234												
Imports from OPEC-Far East																								
Total.....	.022	.028	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016												
Indonesia.....	.022	.028	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016												

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					
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total Net Imports..	1.762	1.531	1.762	1.760	1.497	1.770	1.791	1.789	1.917	1.504	1.745	1.638
Imports from OPEC1/	.815	.955	.949	.836	.776	.857	.977	1.078	1.221	.731	.925	1.059
Imports from Persian Gulf2/												
Total.....	.441	.611	.552	.599	.602	.601	.722	.788	.840	.593	.655	.749
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.046	.092	.147	.084	.130	.124	.259	.347	.277	.284	.159	.251
Kuwait.....	.000	.000	.000	.071	.000	.064	.000	.065	.000	.063	.000	.000
U.A.E.....	.000	.000	.000	.000	.000	.000	.000	.008	.000	.000	.000	.016
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.395	.518	.404	.444	.472	.413	.463	.368	.563	.246	.496	.482
Imports from OPEC-Africa												
Total.....	.375	.345	.395	.224	.168	.256	.255	.289	.381	.137	.265	.311
Algeria.....	.126	.094	.087	.131	.051	.131	.111	.085	.124	.043	.115	.134
Gabon.....	.000	.063	.036	.000	.000	.032	.000	.000	.000	.000	.000	.000
Libya.....	.037	.037	.072	.027	.055	.016	.064	.076	.040	.047	.027	.046
Nigeria.....	.212	.151	.200	.067	.062	.077	.081	.128	.217	.048	.123	.131
Imports from OPEC-South America												
Total.....	.000	.000	.003	.013	.006	.000	.000	.000	.000	.000	.005	.000
Venezuela.....	.000	.000	.003	.013	.006	.000	.000	.000	.000	.000	.005	.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. *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 3.11 Germany—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1995											
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total Net Imports..	2.863	2.742	2.659	2.760	2.611	2.767	2.715	2.623	2.756	2.750	2.694	2.740
Imports from OPEC1/	.843	.829	.661	.818	.750	.715	.804	.807	.654	.773	.690	.757
Imports from Persian Gulf2/												
Total.....	.190	.142	.093	.201	.239	.221	.211	.223	.194	.144	.171	.170
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.045	.033	.004	.072	.062	.030	.043	.024	.046	.015	.030	.037
Kuwait.....	.037	.022	.007	.027	.018	.020	.042	.001	.010	.012	.010	.011
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.....	.108	.087	.082	.103	.160	.172	.127	.198	.138	.117	.131	.123
Imports from OPEC-Africa												
Total.....	.536	.580	.497	.547	.455	.393	.490	.473	.388	.565	.450	.507
Algeria.....	.159	.177	.164	.173	.155	.157	.111	.123	.071	.114	.165	.147
Gabon.....	.009	.001	.000	.000	.000	.000	.000	.000	.028	.001	.000	.012
Libya.....	.231	.231	.225	.257	.223	.183	.247	.253	.215	.289	.206	.261
Nigeria.....	.137	.171	.108	.118	.077	.052	.132	.098	.074	.161	.079	.087
Imports from OPEC-South America												
Total.....	.117	.107	.071	.070	.056	.101	.102	.111	.072	.064	.069	.080
Venezuela.....	.117	.107	.071	.070	.056	.101	.102	.111	.072	.064	.069	.080
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					
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total Net Imports..	2.011	2.119	1.822	1.886	1.730	1.784	1.635	2.110	1.755	1.759	1.591	1.965
Imports from OPEC1/	1.142	1.266	1.137	1.163	1.074	1.206	1.033	1.311	1.069	1.283	1.132	1.389
Imports from Persian Gulf2/												
Total.....	.416	.416	.432	.421	.371	.422	.412	.586	.445	.542	.469	.695
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001
Iran.....	.186	.069	.200	.192	.120	.180	.166	.273	.167	.292	.180	.411
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	.018	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.230	.347	.232	.228	.234	.242	.247	.313	.278	.250	.288	.283
Imports from OPEC-Africa												
Total.....	.694	.808	.665	.724	.680	.767	.578	.708	.600	.708	.630	.659
Algeria.....	.191	.114	.117	.134	.081	.129	.055	.086	.061	.089	.116	.044
Gabon.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Libya.....	.494	.664	.534	.580	.590	.631	.518	.611	.500	.619	.484	.582
Nigeria.....	.009	.030	.014	.010	.009	.006	.006	.011	.039	.000	.029	.033
Imports from OPEC-South America												
Total.....	.011	.015	.017	.000	.006	.000	.016	.017	.023	.017	.018	.021
Venezuela.....	.011	.015	.017	.000	.006	.000	.016	.017	.023	.017	.018	.021
Imports from OPEC-Far East												
Total.....	.021	.027	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016
Indonesia.....	.021	.027	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016

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. 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					
	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct
Total.....	0.995	1.067	0.988	1.053	0.901	0.997	0.938	1.041	0.761	0.878	0.818	0.675
United States ¹ /....	.249	.240	.130	.346	.252	.171	.208	.260	.195	.180	.187	.250
Canada.....	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
OECD Europe ² /.....	.252	.303	.346	.161	.191	.398	.314	.233	.078	.119	.055	.067
Main European Importers												
France.....	.000	.000	.000	.071	.000	.064	.000	.065	.000	.063	.000	.000
Germany ³ /.....	.037	.022	.007	.027	.018	.020	.042	.001	.010	.012	.010	.011
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.....	.137	.214	.318	.000	.128	.208	.228	.131	.000	.000	.000	.000
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom....	.061	.056	.000	.064	.029	.091	.029	.030	.058	.029	.030	.056
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.....	.017	.011	.021	.000	.016	.016	.015	.006	.009	.015	.016	.000
Japan.....	.481	.523	.498	.544	.450	.428	.407	.547	.479	.535	.575	.418
Other OECD.....	.012	.001	.014	.002	.008	-.001	.009	.000	.009	.043	.000	-.060

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, January 1996. 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	Kuwait ¹ /Libya	Nigeria	Qatar	Saudi Arabia ¹ /Emirates	United Arab Emirates	Vene- zuela	Total OPEC
1970 Average.....	1,029	109	854	3,829	1,549	2,990	3,318	362	3,799	780	3,708	23,410
1971 Average.....	785	115	892	4,540	1,694	3,197	2,761	431	4,769	1,060	3,549	25,324
1972 Average.....	1,062	125	1,081	5,023	1,466	3,283	2,239	482	6,016	1,203	3,220	27,016
1973 Average.....	1,097	150	1,339	5,861	2,018	3,020	2,175	570	7,596	1,533	3,366	30,779
1974 Average.....	1,009	202	1,375	6,022	1,971	2,546	1,521	518	8,480	1,679	2,976	30,552
1975 Average.....	983	223	1,307	5,350	2,262	2,084	1,480	438	7,075	1,664	2,346	26,994
1976 Average.....	1,075	223	1,504	5,883	2,415	2,145	1,933	497	8,577	1,936	2,294	30,549
1977 Average.....	1,152	222	1,686	5,663	2,348	1,969	2,063	445	9,245	1,999	2,238	31,115
1978 Average.....	1,231	209	1,635	5,242	2,563	2,131	1,983	487	8,301	1,831	2,165	29,673
1979 Average.....	1,224	203	1,591	3,168	3,477	2,500	2,092	508	9,532	1,831	2,356	30,784
1980 Average.....	1,106	175	1,577	1,662	2,514	1,656	1,787	472	9,900	1,709	2,168	26,781
1981 Average.....	1,002	151	1,605	1,380	1,000	1,125	1,140	405	9,815	1,474	2,102	22,632
1982 Average.....	987	156	1,339	2,214	1,012	823	1,150	330	6,483	1,250	1,895	18,934
1983 Average.....	968	157	1,343	2,440	1,005	1,064	1,105	295	5,086	1,149	1,801	17,654
1984 Average.....	1,014	157	1,412	2,174	1,209	1,157	1,087	394	4,663	1,146	1,798	17,599
1985 Average.....	1,037	172	1,325	2,250	1,433	1,023	1,059	301	3,388	1,193	1,677	16,353
1986 Average.....	945	166	1,390	2,035	1,690	1,419	1,034	308	4,870	1,330	1,787	18,441
1987 Average.....	1,048	155	1,343	2,298	2,079	1,585	972	293	4,265	1,541	1,752	18,672
1988 Average.....	1,040	159	1,342	2,240	2,685	1,492	1,175	346	5,086	1,565	1,903	20,483
1989 Average.....	1,095	208	1,409	2,810	2,897	1,783	1,150	380	5,064	1,860	1,907	22,279
1990 Average.....	1,175	270	1,462	3,088	2,040	1,175	1,375	406	6,410	2,117	2,137	23,465
1991 Average.....	1,230	294	1,592	3,312	305	190	1,483	395	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	423	8,332	2,266	2,371	24,695
1993 Average.....	1,190	312	1,528	3,650	512	1,872	1,377	419	8,198	2,191	2,450	25,748
1994 Average P.....	1,170	329	1,514	3,635	553	2,034	1,378	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/	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.....	501	1,622	2,151	150	491	380	182	1,435	2,114	126	204
1981 Average.....	520	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	208	478	492	475	1,356	2,120	152	237
1984 Average.....	697	2,480	3,250	231	460	575	564	1,438	2,296	168	258
1985 Average.....	788	2,530	3,417	282	434	520	572	1,471	2,505	176	281
1986 Average.....	870	2,539	3,547	231	428	547	566	1,474	2,620	305	293
1987 Average.....	1,022	2,406	3,584	452	449	538	554	1,535	2,690	385	174
1988 Average.....	1,158	2,232	3,515	455	460	545	596	1,616	2,730	378	302
1989 Average.....	1,554	1,802	3,667	475	483	575	631	1,553	2,757	403	279
1990 Average.....	1,704	1,820	3,811	500	485	545	630	1,548	2,774	440	285
1991 Average.....	1,890	1,797	4,182	526	553	535	643	1,605	2,835	419	299
1992 Average.....	2,230	1,915	4,315	501	575	502	671	1,680	2,911	433	321
1993 Average.....	2,264	1,915	5,058	538	650	536	671	1,743	2,939	455	346
1994 Average P.....	2,521	2,375									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	--	--	570	6,847	3,267	60,640
1994 Average P....	875	599	645	2,689	805	--	--	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	Indonesia	Iran	Iraq	Kuwait ¹	Libya	Nigeria	Qatar	Saudi Arabia ¹	United Arab Emirates	Venezuela	Total OPEC
1980 Average...	1,006	175	1,497	1,662	2,514	1,656	1,787	2,045	472	9,900	1,704	2,147	26,565
1981 Average...	802	151	1,513	1,380	1,000	1,125	1,140	1,423	405	9,815	1,469	2,083	22,306
1982 Average...	712	156	1,247	2,214	1,012	823	1,150	1,285	330	6,483	1,215	1,878	18,505
1983 Average...	648	157	1,245	2,440	1,005	1,064	1,105	1,231	295	5,086	1,109	1,768	17,153
1984 Average...	694	157	1,279	2,174	1,209	1,157	1,087	1,368	394	4,663	1,091	1,689	16,962
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	305	1,190	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 Average P.	740	329	1,334	3,600	548	2,034	1,378	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/}	OAEPC ^{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	1,609	599	691	825	3,625
1982 Average.....	58	318	255	430	315	1,550	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/} OAEPC=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.

1e 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 / Kingdom	United Kingdom	OECD Europe ² / States ³ / Japan	Other ⁴ / OECD	Total OECD
1973 December.....	201	152	181	156	1,070	67	2,588
1974 December.....	249	167	213	191	1,227	64	2,880
1975 December.....	225	143	187	165	1,154	67	2,903
1976 December.....	234	143	208	165	1,205	68	2,918
1977 December.....	239	161	225	148	1,268	68	3,224
1978 December.....	201	154	238	157	1,219	68	3,122
1979 December.....	226	163	272	169	1,353	75	3,379
1980 December.....	243	170	319	168	1,464	72	3,587
1981 December.....	214	167	297	143	1,337	67	3,531
1982 December.....	193	179	272	125	1,258	68	3,376
1983 December.....	153	149	249	118	1,142	68	3,255
1984 December.....	152	159	239	112	1,130	69	3,362
1985 December.....	139	157	233	123	1,092	66	3,284
1986 December.....	127	155	252	124	1,133	72	3,418
1987 December.....	127	169	259	121	1,130	71	3,474
1988 December.....	140	155	266	112	1,118	71	3,440
1989 December.....	138	164	271	118	1,133	71	3,476
1990 December.....	140	172	265	112	1,163	73	3,568
1991 December.....	153	160	288	119	1,181	65	3,588
1992 December.....	146	174	310	113	1,219	67	3,588
1993 December.....	158	163	309	118	1,221	69	3,661
1994 December P....	158	164	312	115	1,240	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	Other ^{4/}	OECD Excluding East Germany	East Germany	OECD Including East Germany	World Total
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	1,080	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	68,576

^{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 States ^{1/}	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 Europe ^{2/}	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
Germany ^{3/}	.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. *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 4.9 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, 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. •"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 OPEC ^{1/}	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 Gulf ^{2/}											
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 OPEC1/	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 Gulf2/											
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. •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 4.12 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 OPEC ¹ /	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 Gulf ² /											
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
Oatar.....	.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 OPEC1/	.961	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989
Imports from											
Persian Gulf2/											
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	.000	.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 OPEC ^{1/}	.807	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841
Imports from Persian Gulf ^{2/}											
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	.017	.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	.001	.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. *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 4.15 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 OPEC1/	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 Gulf2/											
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. •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 4.16 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	.000	.000
Canada.....	-	-	-	.010	.001	.013	.011	.000	.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	.000	-
Germany ^{3/}	.041	.008	.016	.052	.032	.009	.004	.000	.000	.000	-
Italy.....	.098	.139	.114	.167	.198	.138	.079	.000	.000	.000	-
Netherlands.....	.021	.022	.067	.034	.039	.101	.117	.000	.000	.000	-
Spain.....	.071	.123	.117	.080	.092	.109	.063	.000	.000	.000	-
European Net Exporters											
United Kingdom.....	.008	.041	.071	.082	.070	.034	.027	.000	.000	.000	-
Smaller European Importers											
Austria.....	.006	.007	-	.015	.007	.000	.000	.000	.000	.000	-
Belgium.....	.038	.019	.026	.049	.037	.047	.029	.000	.000	.000	-
Denmark.....	-	.000	-	.001	-	-	.000	.000	.000	.000	-
Greece.....	.060	.038	.030	.065	.059	.052	.044	.000	.000	.000	-
Portugal.....	.016	.018	.024	.019	.029	.024	.019	.000	.000	.000	-
Sweden.....	-	.000	-	.003	.003	.005	.000	.000	.000	.000	-
Switzerland.....	-	.121	-	.000	-	.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	.000	-
Other OECD.....	-.001	.001	.002	.000	.013	.003	.011	.000	.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. •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 4.17 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 States1/.....	.036	.021	.068	.082	.092	.157	.086	.006	.051	.353	.312
Canada.....	-	-	-	-	-	-	.004	-	-	.000	.027
OECD Europe2/.....	.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
Germany3/.....	.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 IEA definitions. Using IEA definitions, at the end of September 1995 United States (including territories) oil stocks totaled 1,479 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 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 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 two largest non-OECD oil consumers are the former Soviet Union and China. For these two 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
Eastern 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.....	---	---	---	---	---	---	---	---	---	---	---
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
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.....	--	--	--	--	--	--	--	--	--	--	--
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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