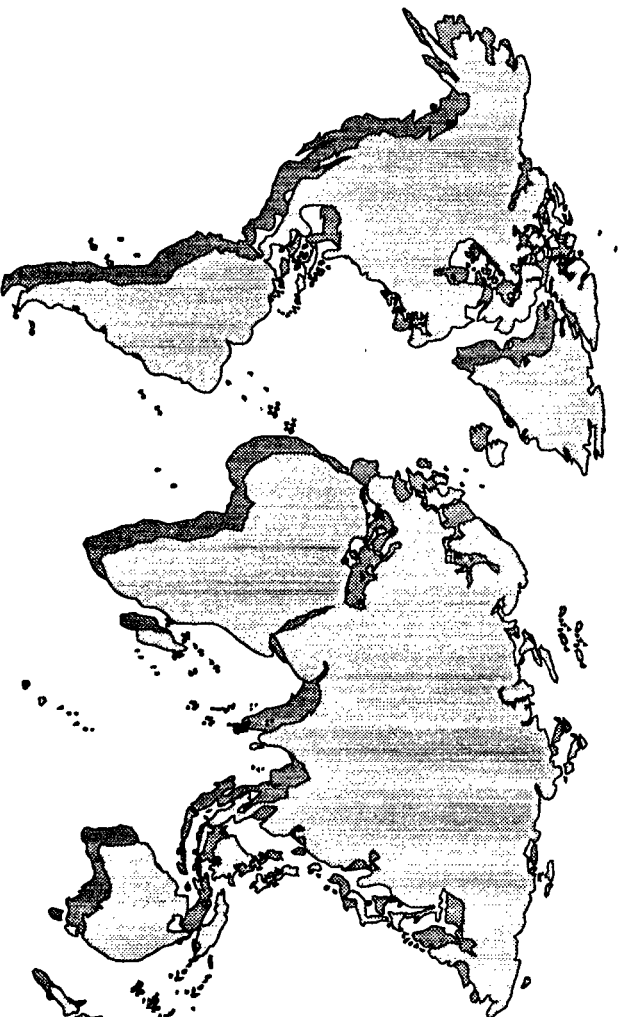


International Petroleum Statistics Report

September 1996

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International Petroleum Statistics Report

September 1996

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

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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, 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 1995; OECD stocks from 1973 through 1995; and OECD trade from 1985 through 1995.

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. Rodekohr, 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 - August 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), Oil and Gas Journal (OGJ), Platt's Oilgram News (PON), and the Washington Times (WT).

August 1

Kuwait Oil Company renews its technical service agreement with British Petroleum (BP). The new contract follows an original 1992 contract under which BP provided assessments of the extent of reservoir damage to Kuwait's war-damaged oil fields. Under the new contract, BP will continue to provide technical support related to reservoir management and field development. Although Kuwait's upstream is closed to private equity investment, two other major oil companies, Chevron and Shell, have similar technical service contracts. (OGJ, DJ)

State Oil Company of Azerbaijan officials announce that a recently signed deal between Houston-based Brown & Root and Chevron's Tengizchevroil venture will lead to exports of 20,000 barrels per day of oil from the 5-billion-barrel Tengiz oil field in Kazakhstan to the Black Sea. Due to begin in October 1996, the exports will account for about 20 percent of the field's production. Under the plan, oil will be shipped by barge from Aktau in Kazakhstan across the Caspian. It subsequently will be carried by rail through Azerbaijan to Georgia's Black Sea export terminal at Poti. Tengiz crude currently is exported through Russian pipelines to the Black Sea terminal of Novorossiysk. (PON)

August 4

Near the southeastern town of Georgievka in Kazakhstan, a section of gas pipeline explodes, killing two people and temporarily cutting gas supply to the nation's capital of Almaty. An investigation has begun to determine the cause of the blast. (DJ)

August 5

The Vietnamese government announces that it will raise import tariffs on a variety of refined petroleum products, beginning on August 15. The move is made after tax and tariff collection efforts fall below target levels. The increase reverses recent attempts to lower imported product tariffs, some of which are as much as 60 percent of landed costs. (DJ)

August 6

President Clinton signs a new bill imposing sanctions on non-U.S. companies which invest over \$40 million a year in the energy sectors of either Iran and Libya. Under the law, the President would be required to impose at least two of the following sanctions: import and export bans; lending embargoes from U.S. banks; a ban on U.S. government procurement of goods and services from sanctioned companies; and a denial of U.S. export financing. The European Union has stated its opposition to the U.S. law and has threatened retaliation. (FT)

August 8

In Norway, 280 members of the YS skilled workers' union threaten to strike unless an agreement on general working terms is reached with the Norwegian Oil Industry Association. The proposed strike would shut the Mongstad terminal, which handles crude oil from Norsk Hydro's Troll and Statfjord Heidrun fields as well as smaller deliveries from the Gullfaks and Statfjord production systems. The Mongstad terminal has a storage capacity of 8 million barrels. The strike also would close the 150,000-barrel-per-day Mongstad refinery, the country's largest. (FT, DJ)

The United States withdraws its opposition to the United Nations (U.N.) Resolution 986, which would allow Iraq to sell \$1 billion of oil every 90 days for an initial period of 6 months. Under the plan, proceeds from the oil sales would be used for humanitarian purposes. In recent days, the United States had been the only nation on the 15-member U.N. Security Council to oppose the plan. It had done so reportedly to ensure that proper monitoring procedures were in place to allow for the equitable distribution of humanitarian supplies to civilians. (FT)

U.S.-based Unocal and the government of Turkmenistan sign a deal to build a \$2-billion, 900-mile pipeline to carry natural gas from Turkmenistan's 45-trillion-cubic-foot Dauletabad gas field through Afghanistan to markets in Pakistan. The proposed pipeline will carry 1.9 billion cubic feet per day initially and 3.8 billion cubic feet per day after final completion in 2002. Unocal and Saudi Arabia-based Delta Oil will hold an 85 percent stake in the project, with Gazprom (10 percent) and Turkmenrusgaz (5 percent) holding the remainder. (DI)

August 11

Australia-based BHP reportedly pulls out of negotiations with Iran regarding construction of a \$3-billion, 1.6-billion-cubic-feet-per-day, 1,000-mile overland pipeline to carry gas from Iran's South Pars gas field to Pakistan and possibly India. BHP's withdrawal follows President Clinton's signature of the bill imposing new sanctions against Iran and Libya. (DI)

August 12

India and Oman agree to set up a joint working group to evaluate the technical aspects of a proposed \$5-billion, 810-mile, 2-billion-cubic-feet-per-day natural gas pipeline between the two countries. In 1995, Oman Oil Company (OOC) officials stated that such a line, which would run offshore at depths of up to 13,000 feet, was not technically feasible. OOC also expressed doubts that Oman had enough gas reserves to support both the pipeline and Oman's proposed liquefied natural gas project. (DI, PON)

August 16

Azerbaijan Foreign Ministry officials reject a recent Russian proposal to resolve Caspian Sea territorial issues by using a 1941 treaty between the Soviet Union and Iran as a starting point. Both Azerbaijan and Kazakhstan oppose Russia's plan to use the 12-mile territorial limit normally applied to international waters. The five Caspian states plan to meet in Ashgabad in November 1996 to discuss their respective differences. (PON)

August 19

Malaysia's state-owned oil company, Petronas, agrees to take a 30 percent stake in France-based Total's \$600-million project to develop Iran's offshore Sirri A and E oil and gas fields. Total signed the development deal in July 1995, after the U.S. government barred U.S.-based Conoco from continuing advanced negotiations with Iran concerning the project. The recent farm-in by Petronas will require the Malaysian company to spend \$180 million over a four-year period. It is unclear how the recently-passed U.S. sanctions on Iran will affect Petronas or Total. (PON)

South Africa's Minister of Mineral and Energy Affairs Penuell Maduna states that his government is discussing new oil supply arrangements with Saudi Arabia and Iraq in an effort to decrease South Africa's dependence on Iranian oil imports. The majority of South Africa's 230,000 barrels per day of oil imports come from Iran. Minister Maduna also added that a proposed deal in which South Africa would allow Iran to store 15 million barrels of oil at a 45-million-barrel facility near Cape Town was still under consideration, but that a number of environmental issues were still outstanding. (DI)

August 20

A Dubai-based shipping company states that Iraq recently loaded a trial cargo of crude oil from the Mina al-Bakr terminal onto a 36,000-dwt tanker. Mina al-Bakr has four 400,000-barrel-per-day berths capable of handling very large crude carriers. In mid-1996, Iraqi officials stated that the 1.2 million barrels per day of capacity at the terminal had been restored. However, it is reported that mines and sunken ships in the terminal's main shipping channel still present a danger to large tankers. Under U.N. Resolution 986, about half of Iraq's limited oil exports would be shipped through Mina al-Bakr. (PON)

Iran and Pakistan agree to build a \$1-billion, 120,000-barrel-per-day refinery in western Pakistan. When completed, the proposed refinery will be supplied with Iranian crude oil. Both countries will have a 50 percent stake in the project, which still requires approval by Pakistan's cabinet. (PON)

August 21

In Venezuela, a subsidiary of state-owned Petroleos de Venezuela (PDVSA), Corpoven, signs a memorandum of understanding (MOU) with U.S.-based ARCO. The MOU provides for a \$3.5-billion joint venture to develop and upgrade roughly 200,000 barrels per day of crude oil from the country's 270-billion barrel Orinoco Heavy Oil Belt. The project will produce 9° API gravity crude oil in the Hamaca region and upgrade it to 25° API for export to U.S. refineries. The project will be implemented in three phases, the last of which will be completed in 2006. Another PDVSA subsidiary, Maraven, recently signed a similar deal with Conoco. (PON, FT)

August 22

Nigerian Oil Minister Dan Eiete states that the National Nigerian Petroleum Corporation's (NNPC) joint venture partners, which include Shell, Mobil, and Chevron, do not "show accountability and transparency" in their operations. He states that the Nigerian government shortly will introduce a wide array of changes to day-to-day operations and accounting procedures which will provide Nigeria with a more equitable return from the country's oil production. The move comes amidst delinquent payments by NNPC to its joint venture partners of almost \$1 billion during the first half of 1996. Oil Minister Eiete's statements also come after a World Bank review criticizes the Nigerian government for failing to account recently for \$700 million in oil revenues. (DJ)

August 23

Argentina's YPF reaches a preliminary agreement with the Ecuadorean government that would convert a service contract signed in the 1980's into a participation contract which provides Ecuador with a greater return on oil production from the company's field in Block 16 of the Oriente region. Several days earlier, the Ecuadorean government sent troops in to take control of the fields, which are operated by U.S.-based Maxus, a YPF subsidiary. Output was cut from 34,000 barrels per day to 18,000 barrels per day. Most recent oil deals in Ecuador are participation contracts, which were introduced in the early 1990's. (PON, DJ)

August 24

Oman begins mediation of a territorial dispute between Bahrain and Qatar involving the potentially oil-rich Hawar islands and reefs. Qatar originally filed the case with the International Court of Justice (ICJ) in the Hague in 1991. Bahrain then rejected the ICJ's jurisdiction. Subsequent mediation attempts by Saudi Arabia also failed. (DJ)

August 25

Equatorial Guinea begins commercial oil production with the start-up of its Zafiro field. With initial output of 7,000 barrels per day, the Mobil-operated Zafiro field is expected to reach peak production of 40,000 barrels per day by the end of 1996. Mobil discovered the field in mid-1995 and brought the field on-stream through a fast-track plan which utilizes a floating production vessel. (PON)

August 30

Iran and Turkey sign a deal to export \$23-billion worth of natural gas through a proposed 800-mile "friendship pipeline" between the two countries. The deal comes amidst new U.S. sanctions on Iran. (FT)

The United States presents "conclusive evidence" to the U.N. Sanctions Committee that Iran is "complicitous in the smuggling of petroleum products" from Iraq through the Persian Gulf. According to U.S. allegations, Iran uses barges and small ships to carry oil products from southern Iraq into Iranian territorial waters. Shipping documents then are forged to show that the cargo is of Iranian origin. (PON, NYT)

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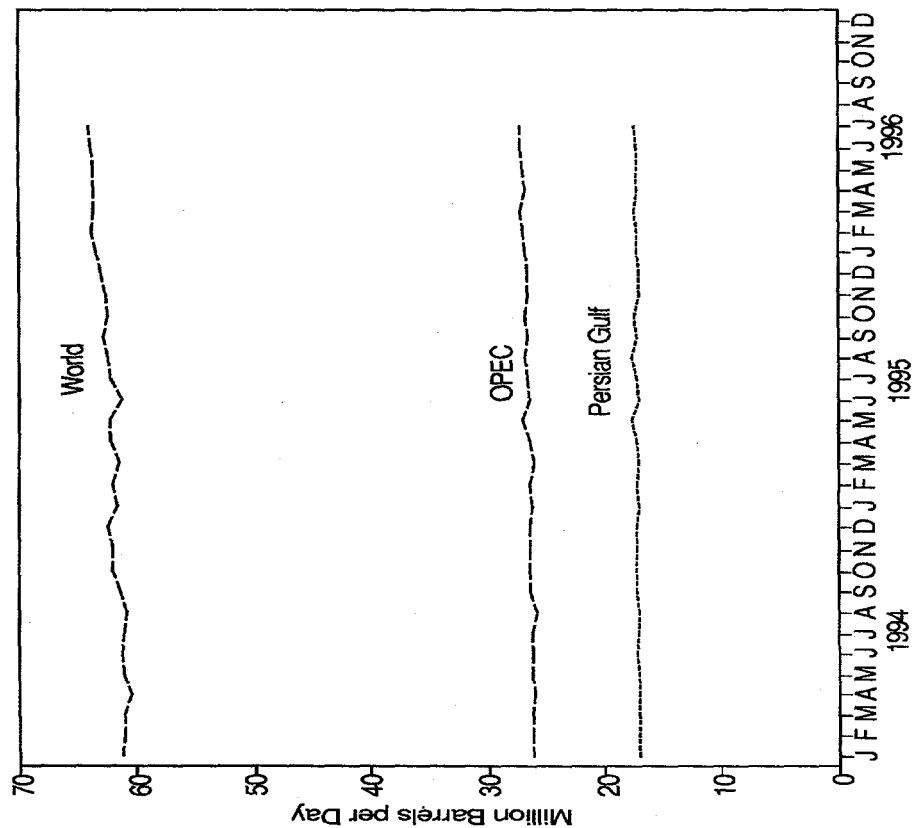
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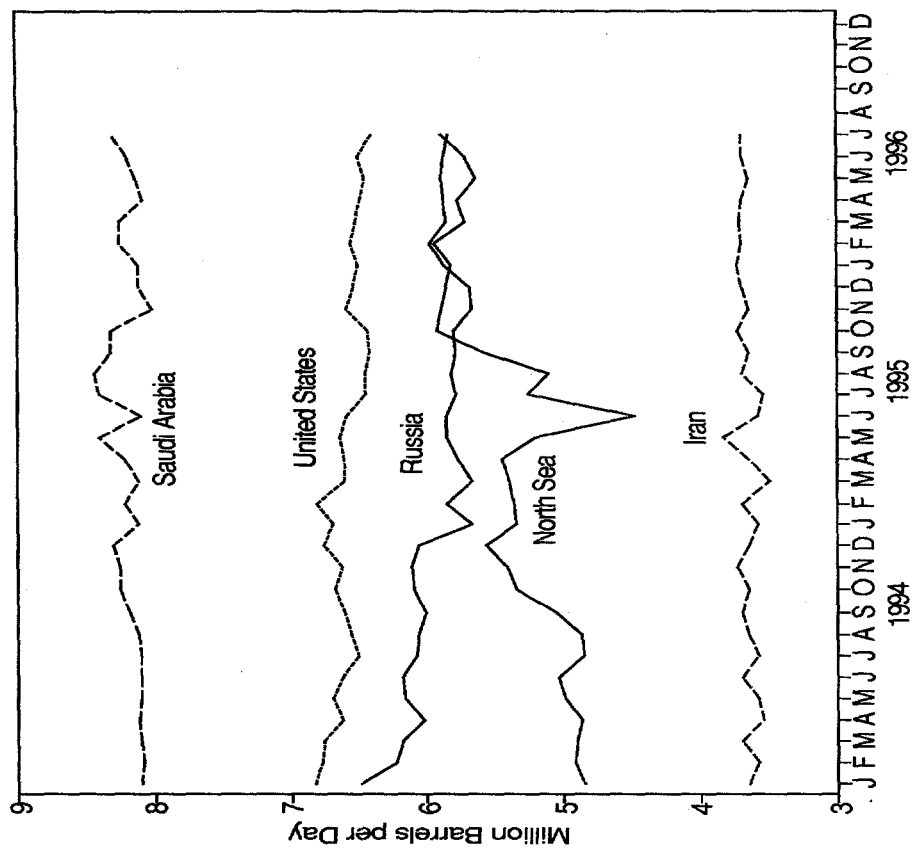
1. Annual and Monthly Oil Data

Figure 1. World Crude Oil Production, Monthly



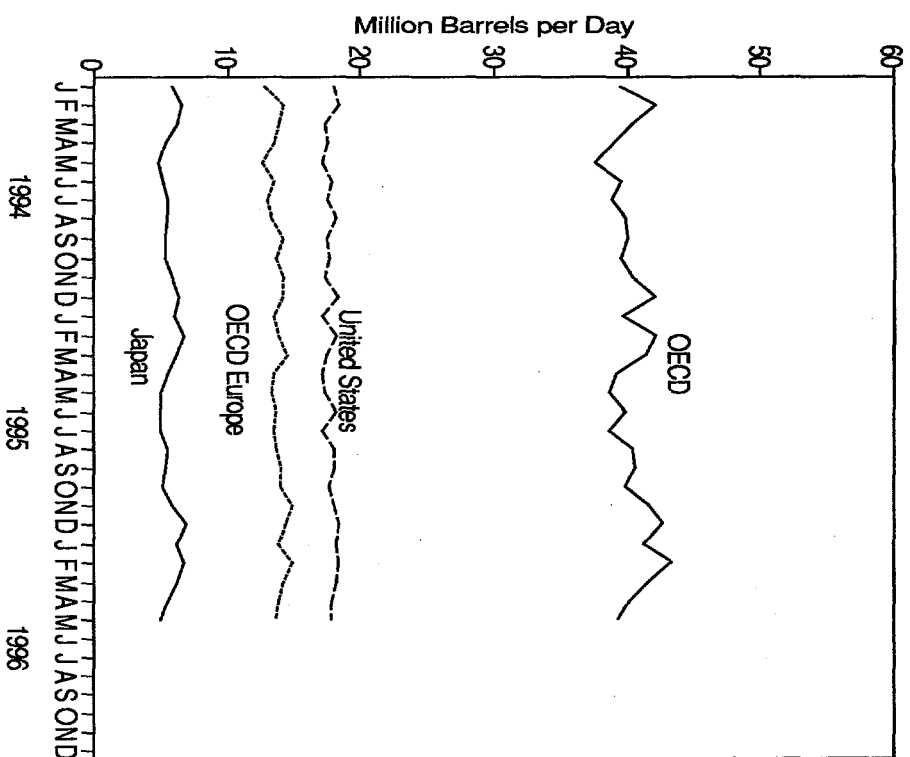
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Figure 2. Leading Crude Oil Producers, Monthly



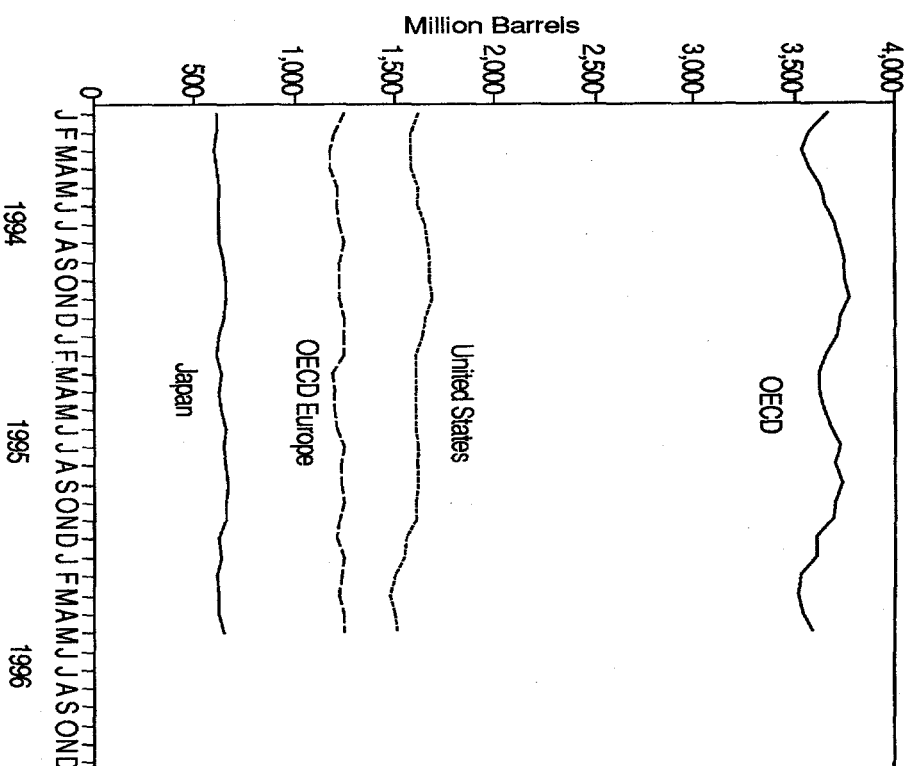
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Figure 3. OECD Oil Consumption, Monthly



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	1,034	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	3,312	3,055	1,190	1,483	1,892	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	4,255	1,058	1,433	1,943	8,332	2,266	2,371	24,695
1993 Average.....	1,162	313	1,511	3,540	5,512	1,852	1,361	1,960	8,198	2,159	2,450	25,431
1994 Average.....	1,180	329	1,514	3,635	5,553	2,034	1,378	2,037	8,147	2,263	2,588	26,101
1995												
January.....	1,180	335	1,520	3,585	5,555	2,070	1,390	2,000	8,120	2,280	2,600	26,090
February.....	1,180	335	1,500	3,685	5,555	2,070	1,390	1,980	8,220	2,280	2,600	26,270
March.....	1,180	335	1,510	3,485	5,555	2,060	1,390	1,890	8,110	2,280	2,600	25,880
April.....	1,180	335	1,510	3,635	5,555	2,070	1,390	2,050	8,220	2,280	2,670	26,380
May.....	1,180	335	1,510	3,835	5,555	2,050	1,390	2,080	8,400	2,280	2,790	26,890
June.....	1,180	335	1,510	3,585	5,555	2,050	1,390	1,960	8,100	2,280	2,790	26,220
July.....	1,210	335	1,510	3,535	5,555	2,060	1,390	1,980	8,410	2,280	2,790	26,540
August.....	1,210	350	1,510	3,685	5,555	2,075	1,390	2,035	8,425	2,280	2,790	26,790
September.....	1,210	350	1,510	3,635	5,555	2,035	1,390	2,040	8,315	2,280	2,790	26,595
October.....	1,210	350	1,560	3,735	5,555	2,065	1,390	2,060	8,315	2,280	2,840	26,845
November.....	1,220	350	1,560	3,635	5,555	2,070	1,390	2,110	8,020	2,280	2,840	26,525
December.....	1,220	350	1,560	3,685	5,555	2,015	1,390	2,145	8,110	2,215	2,890	26,630
1995 Average.....	1,197	341	1,523	3,643	5,555	2,057	1,390	2,028	8,231	2,274	2,750	26,473
1996												
January.....	1,220	360	1,540	3,735	5,555	2,038	1,400	2,160	8,118	2,290	2,940	26,855
February.....	1,220	360	1,540	3,685	5,555	2,057	1,400	2,180	8,248	2,265	2,940	26,950
March.....	1,210	370	1,540	3,715	5,555	2,057	1,400	2,190	8,248	2,285	2,990	27,060
April.....	1,230	370	1,530	3,685	5,555	2,067	1,400	2,160	8,088	2,250	2,990	26,830
May.....	1,245	370	1,530	3,635	5,555	2,055	1,400	2,200	8,135	2,275	2,990	26,895
June.....	1,250	370	1,550	3,685	5,555	2,065	1,400	2,200	8,195	2,270	2,990	27,035
July.....	1,250	370	1,520	3,685	5,555	2,065	1,400	2,170	8,295	2,260	3,040	27,115
1996 Average.....	1,232	367	1,536	3,689	5,555	2,058	1,400	2,180	8,189	2,271	2,983	26,963

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 July 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 490 thousand barrels per day.

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

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

	Norway	United Kingdom	North Sea/ Seal/	Angola	Argentina	Australia	Brazil	Canada	China	Colombia	Ecuador
1985 Average.....	788	2,530	3,417	231	460	575	564	1,471	2,505	176	281
1986 Average.....	870	2,539	3,547	282	434	520	572	1,474	2,620	305	293
1987 Average.....	1,022	2,406	3,584	360	428	547	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.....	2,350	1,915	4,403	509	594	503	643	1,679	2,890	456	344
1994 Average.....	2,521	2,375	5,058	538	650	536	671	1,793	2,939	455	379
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	635	390
October.....	3,030	2,740	5,924	690	720	570	755	1,840	3,070	635	390
November.....	3,060	2,685	5,889	690	720	500	750	1,840	3,070	605	385
December.....	3,095	2,615	5,854	690	720	525	760	1,870	3,070	640	390
1995 Average.....	2,768	2,489	5,406	646	713	562	695	1,817	3,015	589	392
1996											
January.....	3,085	2,600	5,819	705	710	530	770	1,775	3,115	620	390
February.....	3,165	2,625	5,935	705	710	560	785	1,705	3,100	620	390
March.....	2,990	2,570	5,715	700	720	580	775	1,800	3,050	635	390
April.....	3,160	2,467	5,768	715	750	610	805	1,840	3,020	605	390
May.....	2,980	2,512	5,636	715	750	610	805	R1,755	R3,195	605	390
June.....	3,150	2,457	5,719	715	750	610	805	R1,815	R3,205	605	390
July.....	3,201	2,537	5,884	715	750	610	805	1,830	3,160	605	390
1996 Average.....	3,103	2,538	5,781	710	734	587	793	1,789	3,121	614	390

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	2,124	53,982
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	3,233	60,216
1993 Average.....	890	534	640	2,673	776	6,730	--	554	6,847	3,288	60,246
1994 Average.....	896	590	645	2,689	815	6,135	--	560	6,662	3,408	61,358
1995 January.....	920	695	650	2,680	845	5,675	--	615	6,682	3,394	61,633
February.....	920	685	680	2,645	845	5,860	--	615	6,794	3,364	62,148
March.....	920	695	680	2,670	845	5,675	--	615	6,600	3,360	61,409
April.....	920	700	680	2,670	850	5,767	--	610	6,604	3,369	62,206
May.....	920	715	680	2,680	850	5,860	--	610	6,629	3,387	62,205
June.....	920	720	680	2,700	850	5,856	--	610	6,579	3,389	61,340
July.....	920	720	690	2,705	850	5,776	--	610	6,449	3,381	62,304
August.....	920	715	690	2,710	850	5,820	--	610	6,447	3,349	62,421
September.....	920	720	690	2,740	850	5,789	--	610	6,416	3,360	62,825
October.....	920	690	690	1,900	860	5,798	--	605	6,421	3,319	62,489
November.....	920	685	690	2,555	860	5,662	--	605	6,585	3,303	62,695
December.....	920	700	690	2,765	860	5,684	--	605	6,530	3,325	63,084
1995 Average.....	920	703	682	2,618	851	5,768	--	610	6,560	3,358	62,230
1996 January.....	920	675	680	2,795	865	5,864	--	605	E6,495	R3,333	R63,388
February.....	920	700	680	2,800	865	5,970	--	605	E6,550	R3,357	R63,762
March.....	920	665	680	2,870	870	5,856	--	605	E6,516	R3,331	R63,583
April.....	920	685	700	2,860	880	5,864	--	600	E6,479	R3,348	R63,529
May.....	920	R660	700	2,875	880	5,891	--	600	E6,443	R3,359	R63,540
June.....	920	R660	700	R2,880	880	R5,864	--	600	RE6,502	R3,325	R63,868
July.....	920	660	700	2,870	880	5,838	--	600	PE6,401	3,366	63,952
1996 Average.....	920	672	691	2,850	874	5,877	--	602	PE6,483	3,346	63,659

^{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	Indonesia	Iran	Iraq	Kuwait ¹	Libya	Nigeria	Qatar	Saudi Arabia ¹	United Arab Emirates	Venezuela	Total OPEC
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,059	1,475	301	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,034	1,447	308	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	293	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	305	1,90	1,483	1,832	395	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,433	1,820	423	8,332	2,206	2,334	23,856
1993 Average...	747	313	1,327	3,540	512	1,852	1,361	1,835	413	8,198	2,109	2,410	24,617
1994 Average...	750	329	1,334	3,600	548	2,034	1,378	1,887	409	8,147	2,183	2,542	25,141
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	460	8,020	2,200	2,800	25,570
December...	790	350	1,380	3,650	550	2,015	1,390	1,980	470	8,110	2,165	2,850	25,700
1995 Average...	767	341	1,343	3,608	550	2,057	1,390	1,876	449	8,231	2,197	2,710	25,520
1996													
January...	790	360	1,360	3,700	550	2,038	1,400	2,010	465	8,118	2,210	2,900	25,900
February...	790	360	1,360	3,650	550	2,057	1,400	2,030	465	8,248	2,185	2,900	25,995
March...	780	370	1,360	3,680	550	2,057	1,400	2,040	465	8,248	2,205	2,950	26,105
April...	800	370	1,350	3,650	550	2,067	1,400	2,010	470	8,088	2,170	2,950	25,875
May...	815	370	1,350	3,600	550	2,055	1,400	2,050	470	8,135	2,195	2,950	25,940
June...	820	370	1,370	3,650	550	2,065	1,400	2,050	470	8,195	2,190	2,950	26,080
July...	820	370	1,340	3,650	550	2,065	1,400	2,020	470	8,295	2,180	3,000	26,160
1996 Average...	802	367	1,356	3,654	550	2,058	1,400	2,030	468	8,189	2,191	2,943	26,008

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 July 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 490 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	4,502
1990 Average.....	130	426	428	620	425	1,559	930	1,107	1,281	4,632
1991 Average.....	140	431	457	680	420	1,659	931	1,113	1,299	4,827
1992 Average.....	140	460	454	713	390	1,697	1,003	1,185	1,364	4,973
1993 Average.....	145	506	459	704	380	1,736	1,040	1,238	1,435	5,169
1994 Average.....	140	539	461	698	340	1,727	1,081	1,272	1,475	5,297
1995										
January.....	145	617	475	695	410	1,787	1,080	1,276	1,450	5,639
February.....	145	591	405	695	410	1,780	1,080	1,276	1,450	5,546
March.....	145	611	440	695	410	1,776	1,080	1,276	1,450	5,586
April.....	145	617	425	705	410	1,794	1,085	1,281	1,455	5,580
May.....	145	554	460	700	410	1,790	1,090	1,286	1,460	5,549
June.....	145	536	460	695	410	1,740	1,080	1,276	1,450	5,365
July.....	145	525	455	715	410	1,751	1,100	1,296	1,470	5,451
August.....	145	552	470	715	410	1,730	1,100	1,296	1,470	5,436
September.....	145	567	470	710	410	1,757	1,095	1,291	1,465	5,513
October.....	145	551	365	710	410	1,757	1,095	1,291	1,465	5,448
November.....	145	580	455	685	410	1,797	1,070	1,266	1,440	5,561
December.....	145	590	475	695	410	1,691	1,080	1,276	1,450	5,475
1995 Average.....	145	574	447	701	410	1,762	1,086	1,282	1,456	5,512
1996										
January.....	145	585	470	690	410	1,718	1,075	1,271	1,445	5,478
February.....	145	545	475	700	410	1,675	1,085	1,281	1,455	5,415
March.....	145	615	475	700	410	1,810	1,085	1,281	1,455	5,612
April.....	145	615	475	690	410	1,836	1,075	1,271	1,445	5,616
May.....	145	565	475	690	410	1,810	1,075	1,271	1,445	5,550
June.....	145	560	R485	695	410	R1,836	1,080	1,276	1,450	R5,566
July.....	145	610	485	705	410	E1,825	1,090	1,286	1,460	5,615
1996 Average.....	145	585	477	696	410	E1,788	1,081	1,277	1,451	5,551

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 these groups.

R=Revised data. E=Estimated.

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

Sources: See end of Section 1.

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

	United States ^{1/}	Persian Gulf ^{2/}	OPEC ^{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	62,429
1988 Average.....	10,473	14,310	15,662	21,625	64,707
1989 Average.....	9,880	15,733	16,658	23,532	65,894
1990 Average.....	9,677	16,249	17,232	24,807	66,756
1991 Average.....	9,883	15,704	16,747	24,920	66,634
1992 Average.....	9,768	17,010	17,871	26,117	66,937
1993 Average.....	9,602	17,792	18,505	26,923	67,343
1994 Average.....	9,413	18,234	18,885	27,633	68,585
1995					
January.....	9,561	18,217	19,013	27,597	69,339
February.....	9,643	18,437	19,133	27,777	69,738
March.....	9,311	18,127	19,023	27,387	68,905
April.....	9,450	18,402	19,143	27,892	69,815
May.....	9,497	18,767	19,303	28,407	69,807
June.....	9,395	18,207	18,998	27,727	68,757
July.....	9,275	18,497	19,368	28,067	69,806
August.....	9,270	18,677	19,393	28,317	69,927
September.....	9,279	18,472	19,243	28,117	70,420
October.....	9,287	18,602	19,268	28,367	70,021
November.....	9,485	18,197	18,973	28,022	70,335
December.....	9,370	18,227	18,953	28,137	70,683
1995 Average.....	9,400	18,403	19,152	27,987	69,796
1996					
January.....	E9,327	18,382	19,063	28,357	R70,955
February.....	E9,299	18,467	19,200	28,462	R71,226
March.....	E9,437	18,517	19,211	28,572	R71,281
April.....	E9,451	18,297	19,038	28,332	R71,256
May.....	E9,411	18,307	R19,108	28,397	R71,223
June.....	RE9,414	18,427	R19,183	28,542	R71,486
July.....	PE9,347	18,527	19,283	28,632	71,664
1996 Average.....	PE9,384	18,418	19,155	28,471	71,298

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/ OPEC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in these groups.

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 December.....	158	164	312	115	1,240	1,653	119	645	69	3,726
1995										
January.....	160	167	314	113	RI, 248	1,643	121	631	69	R3, 712
February.....	164	163	316	114	RI, 248	1,608	121	613	64	3,653
March.....	152	159	305	105	RI, 188	1,601	125	636	68	R3, 617
April.....	156	159	306	107	RI, 194	1,601	122	626	71	R3, 614
May.....	153	161	304	112	1,204	1,612	R119	635	72	R3, 641
June.....	166	168	301	102	RI, 211	1,609	126	656	73	3,675
July.....	160	171	304	110	RI, 241	1,624	129	651	77	3,723
August.....	160	174	303	109	RI, 239	1,614	119	654	72	R3, 697
September.....	162	163	301	110	1,235	1,620	120	676	77	R3, 727
October.....	162	165	304	111	RI, 241	1,607	123	664	72	R3, 706
November.....	160	159	297	110	1,224	1,604	123	663	72	3,685
December.....	159	162	301	105	RI, 216	1,563	119	631	74	R3, 603
1996										
January.....	154	157	301	107	1,240	1,543	105	638	R76	R3, 604
February.....	156	156	298	103	RI, 234	1,500	105	615	67	R3, 520
March.....	157	153	296	106	1,224	1,482	111	627	66	3,510
April.....	165	150	298	109	RI, 240	1,501	R108	622	R72	R3, 543
May.....	163	157	295	105	1,248	1,519	104	641	73	3,585

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.

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 March 1996)
(Million Barrels)

Country	Commercial	Government Owned	Total
Canada.....	111	0	111
United States ¹ /.....	893	589	1482
United States Territories.....	22	0	22
Japan.....	327	300	627
Australia/New Zealand.....	44	NA	44
Austria.....	21	0	21
Belgium/Luxembourg.....	27	0	27
Denmark.....	24	0	24
Finland.....	29	0	29
France.....	157	0	157
Germany ² /.....	241	55	296
Greece.....	22	NA	22
Ireland.....	4	2	6
Italy.....	147	6	153
Netherlands.....	84	0	84
Norway.....	56	0	56
Portugal.....	22	0	22
Spain.....	96	0	96
Sweden.....	34	0	34
Switzerland.....	44	0	44
Turkey.....	48	0	48
United Kingdom.....	106	0	106
OECD Europe.....	1,161	63	1,224
Total OECD.....	2,558	952	3,510

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.

Notes: •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	13,523	17,237	1,688	5,401	1,117	38,966
1994 Average....	1,833	1,841	2,879	1,837	13,597	17,718	1,727	5,674	1,176	39,892
1995										
January....	R1,959	R1,950	R2,718	R1,763	R13,546	17,219	R1,660	R6,058	R1,160	R39,644
February....	R1,907	R2,135	R2,796	R1,963	R13,883	18,279	R1,840	R6,804	R1,217	R42,024
March....	R2,012	R2,000	R3,193	R1,981	R14,592	17,484	R1,684	R6,359	R1,279	R41,398
April....	R1,844	R1,844	R2,861	R1,797	R13,596	17,142	R1,544	R5,573	R1,209	R39,064
May....	R1,774	R1,835	R2,927	R1,787	R13,355	17,293	R1,717	R5,045	R1,301	R38,711
June....	R1,857	R1,891	R2,866	R1,818	R13,731	18,131	R1,755	R4,989	R1,257	R39,864
July....	R1,943	R1,867	R2,825	R1,745	R13,462	17,147	R1,735	R5,085	R1,200	R38,628
August....	R1,797	R1,728	R2,915	R1,804	R13,623	18,044	R1,839	R5,566	R1,261	R40,332
September....	R1,899	R1,968	R2,944	R1,826	R14,009	18,026	R1,811	R5,375	R1,264	R40,486
October....	R1,880	R2,059	R2,760	R1,849	R14,027	17,651	R1,765	R5,129	R1,192	R39,764
November....	R1,968	R2,201	R2,911	R2,019	R14,824	17,979	R1,779	R5,885	R1,209	R41,677
December....	R2,042	R2,123	R2,735	R1,770	R14,394	18,366	R1,823	R6,875	R1,246	R42,704
Average....	R1,907	R1,965	R2,871	R1,842	R13,919	17,725	R1,746	R5,723	R1,233	R40,345
1996										
January....	R1,899	R2,002	R2,904	R1,746	R13,865	18,212	R1,766	R6,219	R1,169	R41,230
February....	R2,204	R2,141	R3,021	R1,902	R14,932	18,498	R1,866	R6,771	R1,198	R43,265
March....	R2,000	R2,077	R2,867	R1,843	R14,153	18,180	R1,710	R6,328	R1,176	R41,547
April....	R1,929	R1,921	R2,743	R1,850	R13,990	17,837	R1,629	R5,625	R1,172	R40,252
May....	1,819	1,841	2,862	1,842	13,641	17,857	1,704	5,031	1,129	39,362

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.

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 1995 and Petroleum Supply Monthly, August 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 1995 and Petroleum Supply Monthly, August 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, 1985-1996.

Oil Demand

United States: EIA, Petroleum Supply Annual 1995 and Petroleum Supply Monthly, August 1996.

Other OECD Countries: • OECD, Quarterly Oil Statistics and Energy Balances, various issues. • OECD, Monthly Oil Statistics data base, 1985-1996.

2. International Oil Balance Data

Table 2.1 World Oil Balance, 1992-1996
(Million Barrels Per Day)

	1992			1993			1994			1995			1996			
	Annual			Annual			Annual			Annual			Annual			
	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average
Supply1/ OECD																
United States2/.....	9.77	9.60	9.41	9.50	9.45	9.38	9.40	9.36	9.43	NA	NA	NA	NA	NA	NA	NA
Other OECD.....	8.09	8.40	9.30	9.82	9.43	10.32	9.83	10.17	10.14	NA	NA	NA	NA	NA	NA	NA
Total OECD.....	17.85	18.00	18.71	19.32	18.88	19.70	19.23	19.53	19.56	NA	NA	NA	NA	NA	NA	NA
Non-OECD																
OPEC.....	26.12	26.92	27.63	27.58	28.01	28.17	27.99	28.46	28.42	NA	NA	NA	NA	NA	NA	NA
Former USSR.....	8.93	7.96	7.27	6.92	7.03	6.99	6.96	7.10	7.08	NA	NA	NA	NA	NA	NA	NA
Other Non-OECD.....	14.03	14.46	14.97	15.49	15.55	15.88	15.62	16.05	16.25	NA	NA	NA	NA	NA	NA	NA
Total Non-OECD.....	49.08	49.34	49.87	49.99	50.59	51.04	50.57	51.62	51.76	NA	NA	NA	NA	NA	NA	NA
Total World Supply.....	66.94	67.34	68.59	69.31	69.46	70.05	69.80	71.15	71.32	NA	NA	NA	NA	NA	NA	NA
Demand3/ OECD																
United States2/.....	17.03	17.24	17.72	17.64	17.52	17.74	17.72	18.29	NA	NA	NA	NA	NA	NA	NA	NA
Other OECD.....	21.74	21.73	22.17	23.35	21.69	22.07	22.62	23.69	NA	NA	NA	NA	NA	NA	NA	NA
Total OECD.....	38.77	38.97	39.89	40.99	39.21	39.81	40.35	41.99	NA	NA	NA	NA	NA	NA	NA	NA
Non-OECD																
China.....	2.66	2.96	3.18	3.33	3.36	3.38	3.41	3.53	NA	NA	NA	NA	NA	NA	NA	NA
Former USSR.....	6.79	5.45	4.83	5.10	4.60	4.60	4.75	5.05	NA	NA	NA	NA	NA	NA	NA	NA
Other Non-OECD.....	18.35	18.83	20.78	21.61	21.21	21.11	22.32	21.56	NA	NA	NA	NA	NA	NA	NA	NA
Total Non-OECD.....	27.81	27.23	28.79	30.04	29.17	29.09	30.43	29.68	NA	NA	NA	NA	NA	NA	NA	NA
Total World Demand.....	66.57	66.20	68.68	71.03	68.38	68.90	71.81	73.00	NA	NA	NA	NA	NA	NA	NA	NA
Stock Draws / Discrepancy																
Net Reported Stock Draws4/																
U. S. Commercial.....	.05	-.12	.00	.58	-.09	-.12	.25	.86	NA	NA	NA	NA	NA	NA	NA	NA
U. S. Strategic.....	-.04	-.03	-.01	.00	.00	.00	.00	.03	NA	NA	NA	NA	NA	NA	NA	NA
Other OECD.....	-.42	-.05	-.16	.63	-.55	-.45	.74	.13	NA	NA	NA	NA	NA	NA	NA	NA
For Export & Afloat.....	-.03	-.04	.03	-.22	.05	-.54	.22	-.49	NA	NA	NA	NA	NA	NA	NA	NA
Comm. Floating Storage.....	.04	.00	.00	.00	.00	.00	.00	.00	NA	NA	NA	NA	NA	NA	NA	NA
Total Reported Draws.....	-.39	-.24	-.15	.98	-.58	-1.11	.21	.53	NA	NA	NA	NA	NA	NA	NA	NA
Other Stock Draws and																
Statistical Discrepancy5/	.03	-.90	.25	.74	-.51	-.04	.02	1.32	NA	NA	NA	NA	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.

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

Sources: See end of Section 2.

(Million Barrels Per Day)

[illegible]

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

Sources: See end of Section 2.

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

	1992				1993				1994				1995				1996			
	Year End				Year End				Year End				Year End				Year End			
	Quarter				Quarter				Quarter				Quarter				Quarter			
	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth
OECD																				
United States ^{1/}																				
Commercial.....	1,017	1,060	1,061	1,009	1,017	1,017	1,028	971	893	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Strategic.....	575	587	592	592	592	592	592	592	589	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. S. Territories.....	24	25	26	23	26	26	25	24	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Canada.....	107	105	119	125	126	126	120	119	111	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Japan.....	603	618	645	636	656	656	676	631	627	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OECD Europe																				
France.....	146	158	158	152	166	166	162	159	157	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Germany.....	310	309	312	305	301	301	301	301	296	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Italy.....	174	163	164	159	168	168	163	162	153	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
United Kingdom.....	113	118	115	105	102	102	110	105	106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other OECD Europe.....	476	475	490	467	475	475	499	488	512	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total.....	1,219	1,221	1,240	1,188	1,211	1,211	1,235	1,216	1,224	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Australia & New Zealand	43	44	43	45	47	47	52	50	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total OECD.....	3,588	3,661	3,726	3,617	3,675	3,675	3,727	3,603	3,510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stocks for Export																				
and Afloat ^{2/}	930	945	935	955	950	950	1,000	980	1,025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Commercial Floating ^{3/}	70	70	70	70	70	70	70	70	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

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

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

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

Sources: See end of Section 2.

Table 2.4 World Oil Demand, 1992-1996
(Million Barrels Per Day)

	1992				1993				1994				1995				1996			
	Annual				Quarter				Annual				Quarter				Annual			
	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth
OECD																				
United States ¹ /.....	17.03	17.24	17.72	17.64	17.52	17.74	18.00	17.72	18.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. S. Territories.....	.22	.24	.26	.24	.26	.25	.20	.24	.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Canada.....	1.64	1.69	1.73	1.72	1.67	1.79	1.79	1.75	1.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Japan.....	5.45	5.40	5.67	6.39	5.20	5.34	5.96	5.72	6.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OECD Europe ² /.....																				
France.....	1.93	1.88	1.83	1.96	1.82	1.88	1.96	1.91	2.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Italy.....	1.94	1.85	1.84	2.02	1.86	1.85	2.13	1.97	2.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
United Kingdom.....	1.80	1.81	1.84	1.90	1.80	1.79	1.88	1.84	1.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Germany ³ /.....	2.84	2.90	2.88	2.91	2.89	2.89	2.80	2.87	2.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other OECD Europe.....	5.10	5.08	5.21	5.22	5.19	5.28	5.64	5.33	5.44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total OECD Europe.....	13.60	13.52	13.60	14.01	13.56	13.69	14.41	13.92	14.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Australia & New Zealand.....	.82	.88	.92	.98	1.00	.99	1.01	1.00	.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total OECD.....	38.77	38.97	39.89	40.99	39.21	39.81	41.38	40.35	41.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-OECD																				
China.....	2.66	2.96	3.18	3.33	3.36	3.38	3.41	3.37	3.53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Former USSR.....	6.79	5.45	4.83	5.10	4.60	4.60	4.70	4.75	5.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Non-OECD.....	18.35	18.83	20.78	21.61	21.21	21.11	22.32	21.56	22.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Non-OECD.....	27.81	27.23	28.79	30.04	29.17	29.09	30.43	29.68	31.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total World Demand.....	66.57	66.20	68.68	71.03	68.38	68.90	71.81	70.03	73.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

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

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

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

Sources: See end of Section 2.

Sources for Section 2 (International Oil Balance Data)

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

United States: Energy Information Administration (EIA), Petroleum Supply Annual 1995 and Petroleum Supply Monthly, August 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 1995 and Petroleum Supply Monthly, August 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 1995 and Petroleum Supply Monthly, August 1996.

Other OECD Countries: • OECD, Quarterly Oil Statistics and Energy Balances, various issues. • OECD, Monthly Oil Statistics data base, 1990-1996.

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, 1995
(Million Barrels per Day)

	Total	OECD Europe					OECD Outside Europe				
		Total	United Kingdom	France	Germany ^{1/}	Italy	Other Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}
Total Net Imports..	20.694	7.196	-0.970	1.721	2.695	1.837	1.913	7.883	-0.736	5.709	0.642
Imports from OPEC ^{5/}	15.700	6.141	.254	.919	.714	1.216	3.038	4.208	.253	4.473	.625
Imports from Persian Gulf ^{6/}											
Total.....	9.307	3.362	.135	.647	.171	.497	1.911	1.563	.070	3.980	.333
Bahrain.....	.028	.000	.000	.000	.000	.000	.000	.003	-	.027	.004
Iran.....	1.572	1.170	.023	.208	.031	.235	.673	.000	.002	.399	.001
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.966	.236	.039	.022	.015	.000	.160	.218	.000	.503	.009
U.A.E.....	1.512	.013	.000	.002	.000	.000	.011	.004	.000	1.417	.077
Qatar.....	.358	.002	.000	.000	.000	.002	.000	.000	-	.334	.023
Saudi Arabia.....	4.871	1.940	.073	.416	.124	.260	1.067	1.344	.069	1.300	.218
Imports from OPEC-Africa											
Total.....	3.898	2.503	.065	.270	.465	.690	1.014	1.088	.101	.032	.174
Algeria.....	1.002	.686	.018	.103	.135	.102	.328	.234	.043	.011	.028
Gabon.....	.288	.033	.000	.008	.004	.000	.020	.229	.000	.005	.021
Libya.....	1.208	1.208	.032	.043	.234	.570	.329	.000	.000	-	.000
Nigeria.....	1.399	.576	.015	.115	.093	.017	.336	.625	.058	.016	.124
Imports from OPEC-South America											
Total.....	1.856	.259	.054	.002	.078	.014	.111	1.468	.082	.002	.044
Venezuela.....	1.856	.259	.054	.002	.078	.014	.111	1.468	.082	.002	.044
Imports from OPEC-Far East											
Total.....	.667	.017	.000	.000	.000	.015	.001	.087	.000	.486	.078
Indonesia.....	.667	.017	.000	.000	.000	.015	.001	.087	.000	.486	.078

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

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

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

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

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

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

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

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

Sources: See end of Section 3.

Table 3.2 Net Oil Imports into OECD Countries, (1st Quarter 1996)
(Million Barrels per Day)

	OECD Europe							OECD Outside Europe			
	Total	Total	United Kingdom	France	Germany ^{1/}	Italy	Other Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}
Total Net Imports..	20.862	6.849	-0.915	1.724	2.773	1.842	1.425	7.861	-0.760	6.272	0.641
Imports from OPEC ^{5/}	16.045	6.085	.226	.910	.681	1.288	2.981	4.135	.323	4.851	.652
Imports from											
Persian Gulf ^{6/}											
Total.....	9.403	3.268	.131	.613	.100	.547	1.877	1.472	.126	4.289	.248
Bahrain.....	.039	.001	.000	.000	.000	.001	.000	-.002	-.000	.038	.002
Iran.....	1.578	1.077	.028	.205	.012	.287	.545	.000	.000	.501	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	1.076	.342	.040	.000	.013	.000	.290	.163	.038	.522	.010
U.A.E.....	1.468	.003	.000	.000	.000	.000	.002	-.007	.000	1.429	.045
Qatar.....	.398	.006	.000	.000	.000	.006	.000	.000	-	.379	.013
Saudi Arabia.....	4.844	1.839	.063	.408	.075	.253	1.040	1.319	.088	1.421	.177
Imports from											
OPEC-Africa											
Total.....	4.132	2.613	.058	.294	.546	.715	1.000	1.063	.132	.068	.256
Algeria.....	1.100	.763	.021	.079	.184	.106	.374	.252	.067	.011	.007
Gabon.....	.288	.042	-	.023	.010	.000	.009	.172	-	.016	.058
Libya.....	1.214	1.214	.028	.048	.262	.589	.287	.000	-	-	.000
Nigeria.....	1.531	.595	.010	.144	.090	.020	.330	.639	.066	.041	.191
Imports from											
OPEC-South America											
Total.....	1.842	.177	.036	.003	.034	.000	.104	1.547	.065	.002	.051
Venezuela.....	1.842	.177	.036	.003	.034	.000	.104	1.547	.065	.002	.051
Imports from											
OPEC-Far East											
Total.....	.708	.027	-	.000	.000	.027	.000	.051	.000	.530	.101
Indonesia.....	.708	.027	-	.000	.000	.027	.000	.051	.000	.530	.101

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, (4th Quarter 1995)
(Million Barrels per Day)

	Total	OECD Europe					OECD Outside Europe				
		Total	United Kingdom	France	Germany ¹ / ₂	Italy	Other Europe ² / ₃	United States ³ / ₄	Canada	Japan	Other ⁴ / ₅
Total Net Imports...	20.493	7.285	-0.959	1.710	2.669	1.994	1.870	7.714	-0.792	5.680	0.607
Imports from OPEC ⁵ / ₆	15.798	6.108	.244	.891	.635	1.396	2.941	4.219	.263	4.496	.713
Imports from Persian Gulf ⁶ / ₇											
Total.....	9.334	3.334	.104	.603	.119	.620	1.888	1.584	.070	4.000	.347
Bahrain.....	.011	.001	.000	.000	.000	.001	.000	-.002	-	.011	.002
Iran.....	1.631	1.228	.019	.224	.018	.348	.620	.000	.000	.403	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.907	.135	.038	.001	.013	.000	.084	.234	.000	.531	.006
U.A.E.....	1.557	.014	.000	.005	.000	.000	.009	-.002	.000	1.469	.076
Qatar.....	.350	.000	.000	.000	.000	.000	.000	.000	-	.314	.036
Saudi Arabia.....	4.878	1.955	.047	.374	.088	.271	1.175	1.354	.070	1.273	.227
Imports from OPEC-Africa											
Total.....	3.943	2.521	.088	.288	.442	.742	.962	1.090	.101	.020	.211
Algeria.....	.935	.636	.016	.120	.129	.122	.249	.207	.063	.000	.028
Gabon.....	.309	.025	.000	.010	.006	.000	.010	.237	.000	.000	.046
Libya.....	1.231	1.231	.032	.032	.236	.594	.338	.000	.000	-	.000
Nigeria.....	1.468	.628	.040	.126	.071	.026	.365	.646	.038	.020	.136
Imports from OPEC-South America											
Total.....	1.841	.237	.053	.000	.074	.019	.091	1.455	.092	.002	.054
Venezuela.....	1.841	.237	.053	.000	.074	.019	.091	1.455	.092	.002	.054
Imports from OPEC-Far East											
Total.....	.691	.017	.000	.000	.000	.017	.000	.087	.000	.484	.103
Indonesia.....	.691	.017	.000	.000	.000	.017	.000	.087	.000	.484	.103

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, 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 Petroleum Exporting Countries. See Appendix A for countries in this group.

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

Sources: See end of Section 3.

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

	1995												1996											
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May
Total.....	21.574	21.289	20.759	21.561	20.391	20.760	20.503	20.976	20.157	21.488	21.651	21.283												
United States ¹ /.....	8.666	7.950	8.203	8.921	7.614	8.050	7.489	8.202	7.240	8.101	8.381	9.023												
Canada.....	-802	-721	-683	-614	-674	-724	-976	-929	-693	-654	-831	-803												
OECD Europe ² /.....	7.981	7.837	7.180	7.166	7.359	7.038	7.615	6.849	7.006	6.782	7.632	6.754												
Main European Importers																								
France.....	1.789	1.917	1.504	1.745	1.638	1.713	1.778	1.596	1.818	1.764	1.928	1.556												
Germany ³ /.....	2.618	2.754	2.742	2.704	2.750	2.553	2.701	2.781	2.849	2.694	2.632	2.663												
Italy.....	2.110	1.755	1.759	1.591	1.992	1.931	2.058	1.934	1.764	1.822	1.691	1.729												
Spain.....	1.191	1.188	1.083	1.243	1.386	1.247	1.249	1.049	1.133	1.087	1.210	1.150												
Netherlands.....	.879	.887	.939	.866	.659	.471	.682	.769	.633	.551	.835	.770												
European Net Exporters																								
Norway.....	-2.703	-2.609	-2.837	-2.716	-3.042	-3.057	-2.950	-3.051	-3.310	-2.970	-3.180	-2.954												
United Kingdom....	-.638	-1.265	-.850	-1.026	-.965	-1.008	-.905	-.993	-.970	-.785	-.721	-.865												
Smaller European Importers																								
Austria.....	.212	.186	.155	.158	.200	.204	.222	.192	.205	.187	.232	.198												
Belgium.....	.467	.491	.510	.465	.475	.535	.557	.531	.702	.542	.583	.537												
Denmark.....	.061	.056	.054	.023	.025	.036	.060	.005	.044	.033	.074	.013												
Ireland.....	.089	.127	.126	.097	.120	.113	.107	.115	.105	.111	.135	.142												
Finland.....	.149	.292	.230	.181	.233	.308	.296	.052	.084	.064	.283	.139												
Greece.....	.343	.357	.299	.284	.233	.463	.314	.333	.359	.353	.425	.311												
Iceland.....	.009	.020	.020	.009	.014	.020	.007	.018	.011	.014	.005	.005												
Luxembourg.....	.037	.030	.034	.037	.039	.037	.036	.040	.042	.037	.041	.039												
Portugal.....	.317	.361	.239	.302	.347	.262	.289	.274	.272	.215	.320	.242												
Sweden.....	.251	.391	.367	.212	.348	.394	.329	.332	.311	.387	.309	.288												
Switzerland.....	.270	.269	.271	.264	.245	.255	.232	.249	.258	.235	.238	.233												
Turkey.....	.530	.632	.533	.728	.526	.560	.554	.622	.694	.442	.590	.559												
Japan.....	5.032	5.492	5.514	5.391	5.498	5.691	5.850	6.125	6.081	6.596	5.769	5.589												
Other OECD.....	.697	.730	.546	.697	.594	.705	.525	.729	.523	.663	.700	.720												

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)

	1995						1996					
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May
Total.....	16.061	15.937	15.403	16.272	15.930	15.766	15.696	15.956	15.831	16.335	15.969	15.684
United States1/.....	4.427	4.328	4.130	4.747	4.178	4.408	4.076	4.247	3.866	4.274	4.181	4.615
Canada.....	.320	.286	.195	.288	.261	.338	.191	.390	.293	.284	.191	.203
OECD Europe2/.....	6.755	6.453	6.163	6.407	6.303	5.729	6.279	5.808	6.410	6.058	6.241	5.885
Main European Importers												
France.....	1.078	1.221	.731	.925	1.059	.774	.836	.803	.918	1.009	.958	.928
Germany3/.....	.807	.654	.772	.691	.757	.498	.646	.708	.665	.669	.684	.648
Italy.....	1.311	1.069	1.283	1.132	1.403	1.301	1.481	1.161	1.365	1.341	1.199	1.072
Spain.....	.859	.692	.719	.824	.788	.960	.982	.660	.634	.766	.748	.728
Netherlands.....	.915	.849	.860	.968	.410	.470	.381	.714	.905	.592	.776	.722
European Net Exporters												
Norway.....	.000	.000	.000	.000	.007	.001	.000	.001	.000	.000	.000	.009
United Kingdom....	.201	.262	.278	.271	.257	.224	.251	.236	.222	.220	.216	.305
Smaller European Importers												
Austria.....	.033	.037	.037	.038	.134	.138	.134	.019	.021	.019	.000	.000
Belgium.....	.289	.272	.310	.304	.266	.258	.319	.328	.329	.267	.256	.283
Denmark.....	.000	.024	.037	.020	.024	.025	.025	.025	.026	.025	.051	.024
Ireland.....	.000	.000	.000	.000	.000	.000	.000	-	-	-	-	-
Finland.....	.000	.014	.014	.015	.000	.000	.000	.000	.000	.001	.000	.000
Greece.....	.255	.359	.266	.225	.241	.284	.245	.196	.254	.289	.292	.313
Portugal.....	.275	.300	.161	.221	.199	.125	.201	.147	.194	.173	.313	.150
Sweden.....	.155	.140	.213	.109	.190	.114	.226	.171	.195	.194	.161	.136
Switzerland.....	.088	.062	.098	.089	.080	.093	.101	.107	.114	.086	.084	.082
Turkey.....	.488	.498	.384	.577	.487	.463	.451	.533	.567	.408	.502	.486
Japan.....	3.991	4.265	4.374	4.124	4.428	4.587	4.476	4.800	4.660	5.079	4.589	4.309
Other OECD.....	.568	.605	.540	.707	.760	.705	.673	.711	.603	.640	.768	.672

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

2/ "OECD Europe" consists of Austria, Belgium, Denmark, 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)

	1995						1996					
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May
Total.....	9.178	9.333	9.135	9.519	9.514	9.302	9.185	9.417	9.243	9.539	9.501	9.125
United States ¹ /....	1.527	1.454	1.534	1.685	1.521	1.660	1.574	1.523	1.341	1.543	1.467	1.743
Canada.....	.066	.067	.000	.144	.140	.068	.000	.179	.071	.125	.145	.122
OECD Europe ² /.....	3.733	3.637	3.345	3.638	3.596	3.131	3.267	3.225	3.447	3.145	3.446	3.004
Main European Importers												
France.....	.788	.840	.593	.655	.749	.530	.530	.600	.637	.604	.656	.545
Germany ³ /.....	.223	.194	.144	.171	.170	.088	.098	.102	.080	.118	.125	.134
Italy.....	.586	.445	.542	.469	.704	.516	.635	.494	.546	.601	.501	.307
Spain.....	.357	.235	.299	.363	.376	.409	.400	.252	.238	.284	.334	.354
Netherlands.....	.608	.579	.578	.683	.361	.391	.344	.525	.715	.449	.630	.542
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom....	.076	.135	.135	.149	.082	.143	.087	.180	.095	.116	.086	.113
Smaller European Importers												
Austria.....	.033	.037	.037	.038	.050	.052	.050	.019	.021	.019	.000	.000
Belgium.....	.261	.244	.272	.280	.241	.237	.296	.319	.301	.242	.233	.254
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.000	.007	.007	.007	.000	.000	.000	.000	.000	.000	.000	.000
Greece.....	.216	.297	.228	.172	.222	.239	.232	.164	.221	.250	.259	.287
Portugal.....	.142	.189	.038	.143	.099	.039	.130	.081	.110	.051	.143	.036
Sweden.....	.110	.063	.173	.089	.145	.070	.156	.121	.137	.136	.113	.095
Switzerland.....	.010	.009	.009	.015	.010	.005	.000	.004	.000	.005	.005	.009
Turkey.....	.323	.363	.288	.403	.387	.413	.308	.363	.348	.270	.361	.326
Japan.....	3.483	3.772	3.982	3.699	3.933	4.047	4.021	4.239	4.103	4.514	4.089	3.930
Other OECD.....	.368	.404	.275	.353	.324	.396	.323	.252	.281	.212	.355	.326

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. *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						1996					
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May
Total Net Imports...	8.666	7.950	8.203	8.921	7.614	8.050	7.489	8.202	7.240	8.101	8.381	9.023
Imports from OPEC1/	4.427	4.328	4.130	4.747	4.178	4.408	4.076	4.247	3.866	4.274	4.181	4.615
Imports from Persian Gulf2/												
Total.....	1.527	1.454	1.534	1.685	1.521	1.660	1.574	1.523	1.341	1.543	1.467	1.743
Bahrain.....	-.004	-.004	-.004	-.003	.000	-.001	-.005	-.003	-.003	-.001	-.003	.000
Iran.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.260	.195	.180	.187	.250	.238	.215	.148	.216	.127	.201	.230
U.A.E.....	-.016	-.002	.018	.027	.012	-.006	-.013	-.020	.000	-.002	-.019	-.005
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	1.287	1.265	1.340	1.474	1.259	1.429	1.377	1.398	1.128	1.419	1.288	1.518
Imports from OPEC-Africa												
Total.....	1.321	1.264	1.026	1.317	1.140	1.156	.975	1.174	1.024	.989	.941	1.192
Algeria.....	.277	.257	.298	.250	.229	.241	.152	.313	.200	.241	.211	.333
Gabon.....	.357	.311	.246	.216	.270	.271	.171	.171	.191	.154	.212	.154
Libya.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.687	.696	.482	.851	.641	.644	.652	.690	.633	.594	.518	.705
Imports from OPEC-South America												
Total.....	1.479	1.505	1.447	1.648	1.430	1.484	1.453	1.495	1.457	1.683	1.716	1.631
Venezuela.....	1.479	1.505	1.447	1.648	1.430	1.484	1.453	1.495	1.457	1.683	1.716	1.631
Imports from OPEC-Far East												
Total.....	.096	.101	.119	.094	.087	.107	.069	.052	.041	.058	.054	.049
Indonesia.....	.096	.101	.119	.094	.087	.107	.069	.052	.041	.058	.054	.049

^{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)

	1995												1996											
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May												
Total Net Imports..	5.032	5.492	5.514	5.391	5.498	5.691	5.850	6.125	6.081	6.596	5.769	5.589												
Imports from OPEC ¹ /	3.991	4.265	4.374	4.124	4.428	4.587	4.476	4.800	4.660	5.079	4.589	4.309												
Imports from Persian Gulf ² /																								
Total..	3.483	3.772	3.982	3.699	3.933	4.047	4.021	4.239	4.103	4.514	4.089	3.930												
Bahrain.....	.056	.000	.064	.033	.000	.009	.023	.060	.022	.032	.026	.046												
Iran.....	.332	.424	.389	.267	.440	.468	.301	.446	.564	.496	.477	.394												
Kuwait.....	.547	.473	.529	.569	.520	.552	.522	.561	.455	.545	.500	.467												
U.A.E.....	1.259	1.264	1.326	1.285	1.510	1.419	1.477	1.427	1.314	1.538	1.498	1.235												
Qatar.....	.203	.313	.308	.368	.289	.360	.293	.330	.353	.452	.342	.400												
Saudi Arabia.....	1.084	1.298	1.366	1.177	1.174	1.239	1.404	1.414	1.395	1.452	1.245	1.389												
Imports from OPEC-Africa																								
Total.....	.030	.037	.031	.038	.000	.062	.000	.073	.029	.098	.047	.018												
Algeria.....	.030	.016	.031	.038	.000	.000	.000	.007	.008	.018	.031	.006												
Gabon.....	.000	.021	.000	.000	.000	.000	.000	.026	.000	.020	.000	.000												
Nigeria.....	.000	.000	.000	.000	.000	.062	.000	.039	.021	.060	.016	.012												
Imports from OPEC-South America																								
Total.....	.000	.000	.000	.000	.000	.000	.007	.006	.000	.000	.000	.010												
Venezuela.....	.000	.000	.000	.000	.000	.000	.007	.006	.000	.000	.000	.010												
Imports from OPEC-Far East																								
Total.....	.535	.456	.426	.420	.495	.487	.471	.543	.549	.499	.479	.397												
Indonesia.....	.535	.456	.426	.420	.495	.487	.471	.543	.549	.499	.479	.397												

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)

	1995												1996											
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May
Total Net Imports..	7.981	7.837	7.180	7.166	7.359	7.038	7.615	6.849	7.006	6.782	7.632	6.754	7.981	7.837	7.180	7.166	7.359	7.038	7.615	6.849	7.006	6.782	7.632	6.754
Imports from OPEC1/	6.755	6.453	6.163	6.407	6.303	5.729	6.279	5.808	6.410	6.058	6.241	5.885	6.755	6.453	6.163	6.407	6.303	5.729	6.279	5.808	6.410	6.058	6.241	5.885
Imports from Persian Gulf2/																								
Total.....	3.733	3.637	3.345	3.638	3.596	3.131	3.267	3.225	3.447	3.145	3.446	3.004	3.733	3.637	3.345	3.638	3.596	3.131	3.267	3.225	3.447	3.145	3.446	3.004
Bahrain.....	.000	.000	.000	.001	.001	.000	.000	.003	.000	.000	.000	.000	.000	.000	.000	.001	.001	.000	.000	.003	.000	.000	.000	.000
Iraq.....	1.488	1.231	1.155	1.213	1.288	1.123	1.271	.976	1.168	1.093	1.140	1.068	1.488	1.231	1.155	1.213	1.288	1.123	1.271	.976	1.168	1.093	1.140	1.068
Kuwait.....	.233	.272	.273	.231	.095	.147	.164	.000	.000	.000	.000	.000	.233	.272	.273	.231	.095	.147	.164	.000	.000	.000	.000	.000
U.A.E.....	.008	.019	.019	.020	.023	.013	.007	.004	.004	.000	.000	.000	.008	.019	.019	.020	.023	.013	.007	.004	.004	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.019	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.019	.000	.000
Saudi Arabia.....	2.003	2.115	1.898	2.173	2.189	1.848	1.825	1.960	1.826	1.731	2.005	1.668	2.003	2.115	1.898	2.173	2.189	1.848	1.825	1.960	1.826	1.731	2.005	1.668
Imports from OPEC-Africa																								
Total.....	2.711	2.565	2.521	2.499	2.456	2.359	2.742	2.428	2.734	2.685	2.514	2.616	2.711	2.565	2.521	2.499	2.456	2.359	2.742	2.428	2.734	2.685	2.514	2.616
Algeria.....	.802	.683	.544	.828	.588	.573	.746	.698	.854	.743	.666	.670	.802	.683	.544	.828	.588	.573	.746	.698	.854	.743	.666	.670
Gabon.....	.033	.028	.030	.000	.012	.035	.030	.045	.070	.012	.000	.009	.033	.028	.030	.000	.012	.035	.030	.045	.070	.012	.000	.009
Libya.....	1.265	1.223	1.272	1.159	1.201	1.151	1.339	1.201	1.184	1.254	1.243	1.181	1.265	1.223	1.272	1.159	1.201	1.151	1.339	1.201	1.184	1.254	1.243	1.181
Nigeria.....	.612	.630	.675	.512	.656	.601	.627	.484	.625	.676	.606	.757	.612	.630	.675	.512	.656	.601	.627	.484	.625	.676	.606	.757
Imports from OPEC-South America																								
Total.....	.310	.251	.281	.254	.237	.220	.253	.123	.211	.200	.274	.248	.310	.251	.281	.254	.237	.220	.253	.123	.211	.200	.274	.248
Venezuela.....	.310	.251	.281	.254	.237	.220	.253	.123	.211	.200	.274	.248	.310	.251	.281	.254	.237	.220	.253	.123	.211	.200	.274	.248
Imports from OPEC-Far East																								
Total.....	.000	.000	.016	.017	.016	.018	.017	.035	.018	.028	.007	.017	.000	.000	.016	.017	.016	.018	.017	.035	.018	.028	.007	.017
Indonesia.....	.000	.000	.016	.017	.016	.018	.017	.035	.018	.028	.007	.017	.000	.000	.016	.017	.016	.018	.017	.035	.018	.028	.007	.017

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)

	1995						1996					
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May
Total Net Imports..	1.789	1.917	1.504	1.745	1.638	1.713	1.778	1.596	1.818	1.764	1.928	1.556
Imports from OPEC ^{1/}	1.078	1.221	.731	.925	1.059	.774	.836	.803	.918	1.009	.958	.928
Imports from Persian Gulf ^{2/}												
Total.....	.788	.840	.593	.655	.749	.530	.530	.600	.637	.604	.656	.545
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.347	.277	.284	.159	.251	.203	.217	.227	.129	.254	.192	.145
Kuwait.....	.065	.000	.063	.000	.000	.002	.000	.000	.000	.000	.062	.000
U.A.E.....	.008	.000	.000	.000	.016	.000	.000	.000	.001	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.368	.563	.246	.496	.482	.324	.313	.372	.507	.351	.402	.401
Imports from OPEC-Africa												
Total.....	.289	.381	.137	.265	.311	.245	.307	.195	.282	.405	.303	.382
Algeria.....	.085	.124	.043	.115	.134	.120	.107	.061	.039	.134	.138	.112
Gabon.....	.000	.000	.000	.000	.000	.000	.030	.036	.034	.000	.000	.000
Libya.....	.076	.040	.047	.027	.046	.028	.022	.041	.037	.065	.026	.032
Nigeria.....	.128	.217	.048	.123	.131	.098	.149	.056	.172	.206	.138	.238
Imports from OPEC-South America												
Total.....	.000	.000	.000	.005	.000	.000	.000	.009	.000	.000	.000	.000
Venezuela.....	.000	.000	.000	.005	.000	.000	.000	.009	.000	.000	.000	.000
Imports from OPEC-Far East												
Total.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Indonesia.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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

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

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *Negative numbers represent net exports. *A dash (-) indicates no trade. *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												1996
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	
Total Net Imports..	2.618	2.754	2.742	2.704	2.750	2.553	2.701	2.781	2.849	2.694	2.632	2.663	
Imports from OPEC ¹ /	.807	.654	.772	.691	.757	.498	.646	.708	.665	.669	.684	.648	
Imports from Persian Gulf ² /													
Total.....	.223	.194	.144	.171	.170	.088	.098	.102	.080	.118	.125	.134	
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	
Iran.....	.024	.046	.015	.030	.037	.011	.006	.018	.001	.018	.007	.004	
Kuwait.....	.001	.010	.012	.010	.011	.019	.010	.014	.006	.018	.021	.012	
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.....	.198	.138	.117	.131	.123	.058	.083	.070	.073	.082	.097	.117	
Imports from OPEC-Africa													
Total.....	.473	.388	.565	.450	.507	.327	.488	.566	.536	.536	.468	.440	
Algeria.....	.123	.071	.114	.165	.147	.106	.134	.208	.197	.148	.184	.162	
Gabon.....	.000	.028	.001	.000	.012	.005	.000	.000	.027	.003	.000	.000	
Libya.....	.253	.215	.289	.206	.261	.164	.280	.267	.262	.257	.263	.185	
Nigeria.....	.098	.074	.161	.079	.087	.051	.074	.090	.050	.128	.021	.092	
Imports from OPEC-South America													
Total.....	.111	.072	.064	.069	.080	.083	.060	.040	.049	.014	.091	.073	
Venezuela.....	.111	.072	.064	.069	.080	.083	.060	.040	.049	.014	.091	.073	
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)

	1995												1996											
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May												
Total Net Imports..	2.110	1.755	1.759	1.591	1.992	1.931	2.058	1.934	1.764	1.822	1.691	1.729												
Imports from OPEC ^{1/}	1.311	1.069	1.283	1.132	1.403	1.301	1.481	1.161	1.365	1.341	1.199	1.072												
Imports from Persian Gulf ^{2/}																								
Total.....	.586	.445	.542	.469	.704	.516	.635	.494	.546	.601	.501	.307												
Bahrain.....	.000	.000	.000	.001	.001	.000	.000	.003	.000	.000	.000	.000												
Iran.....	.273	.167	.292	.180	.417	.311	.315	.234	.336	.295	.228	.115												
Kuwait.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000												
U.A.E.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000												
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.019	.000	.000												
Saudi Arabia.....	.313	.278	.250	.288	.286	.204	.321	.258	.211	.287	.273	.192												
Imports from OPEC-Africa																								
Total.....	.708	.600	.708	.630	.663	.750	.812	.635	.801	.713	.681	.715												
Algeria.....	.086	.061	.089	.116	.052	.138	.176	.083	.147	.089	.081	.116												
Gabon.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000												
Libya.....	.611	.500	.619	.484	.577	.591	.613	.552	.591	.623	.600	.561												
Nigeria.....	.011	.039	.000	.029	.034	.022	.023	.000	.063	.000	.000	.039												
Imports from OPEC-South America																								
Total.....	.017	.023	.017	.018	.021	.018	.017	.000	.000	.000	.010	.034												
Venezuela.....	.017	.023	.017	.018	.021	.018	.017	.000	.000	.000	.010	.034												
Imports from OPEC-Far East																								
Total.....	.000	.000	.016	.017	.016	.017	.017	.034	.018	.028	.007	.017												
Indonesia.....	.000	.000	.016	.017	.016	.017	.017	.034	.018	.028	.007	.017												

^{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)

	1995												1996				
	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May					
Total.....	1.041	0.949	1.025	0.987	0.874	0.946	0.902	1.115	1.131	0.985	1.003	0.974					
United States1/.....	.260	.195	.180	.187	.250	.238	.215	.148	.216	.127	.201	.230					
Canada.....	.000	.000	.000	.000	.000	.000	.000	.113	.000	.000	.000	.000					
OECD Europe2/.....	.233	.272	.273	.231	.095	.147	.164	.282	.449	.302	.300	.268					
Main European Importers																	
France.....	.065	.000	.063	.000	.000	.002	.000	.000	.000	.000	.062	.000					
Germany3/.....	.001	.010	.012	.010	.011	.019	.010	.014	.006	.018	.021	.012					
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.....	.131	.194	.153	.176	.028	.088	.067	.170	.352	.160	.148	.209					
European Net Exporters																	
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000					
United Kingdom....	.030	.058	.029	.030	.056	.029	.028	.030	.033	.057	.030	.029					
Smaller European Importers																	
Austria.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000					
Belgium.....	.000	.000	.000	.000	.000	.000	.043	.053	.042	.052	.025	.001					
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.....	.006	.009	.015	.016	.000	.009	.018	.016	.016	.016	.016	.016					
Japan.....	.547	.473	.529	.569	.520	.552	.522	.561	.455	.545	.500	.467					
Other OECD.....	.000	.009	.043	.000	.009	.009	.000	.010	.011	.010	.002	.010					

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.

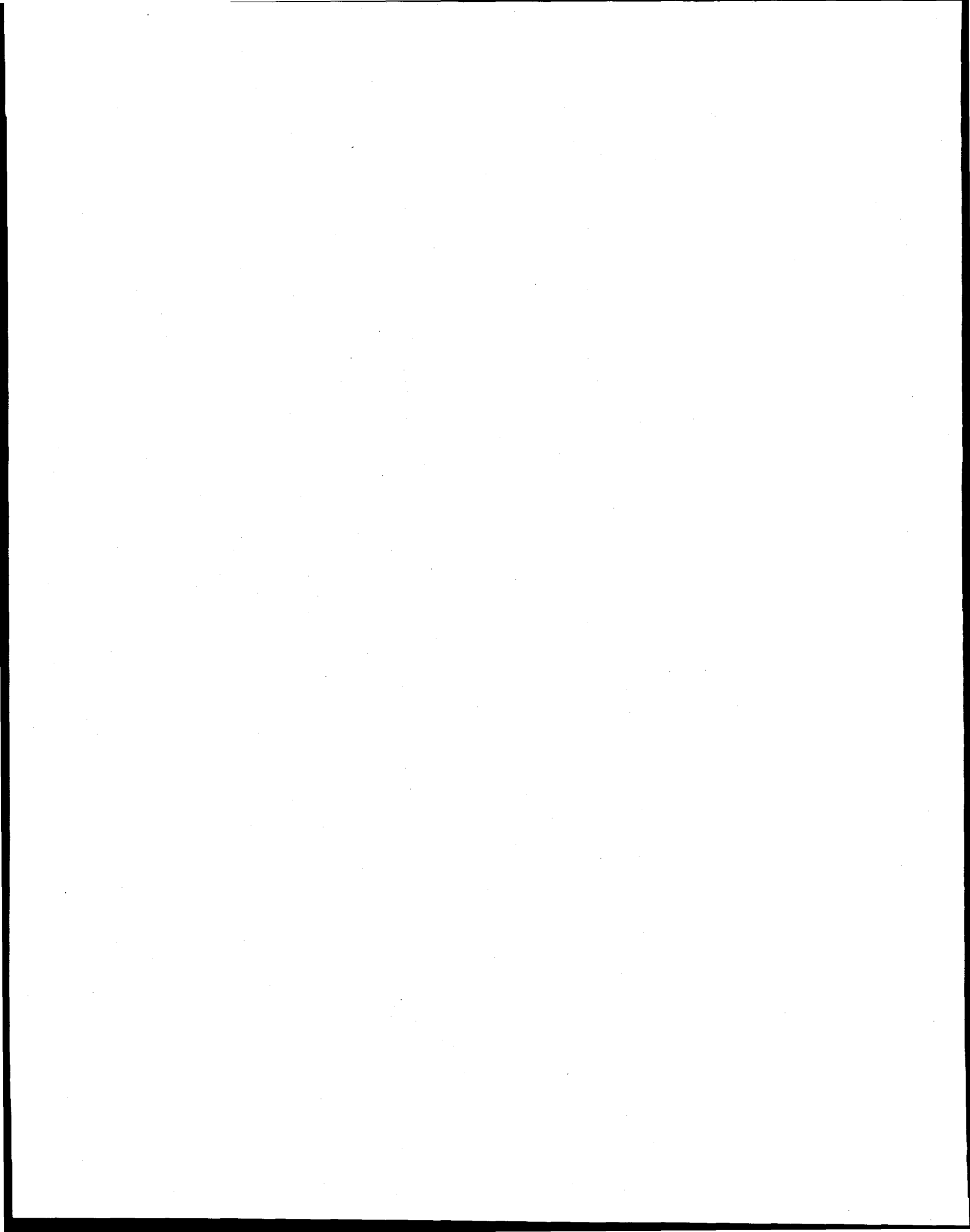
Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate 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 1995 and Petroleum Supply Monthly, August 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, 1991-1996.



4. Historical Oil Data Series

1970-1995

Table 4.1a World Crude Oil Production (Including Lease Condensate), 1970-1995
(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	1,190	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.....	1,162	313	1,511	3,540	512	1,852	1,361	413	8,198	2,159	2,450	25,431
1994 Average.....	1,180	329	1,514	3,635	553	2,034	1,378	444	8,147	2,263	2,588	26,101
1995 Average P.....	1,197	341	1,523	3,643	555	2,057	1,390	483	8,231	2,274	2,750	26,473

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), 1970-1995
(Thousand Barrels per Day)

	Norway	United Kingdom	North Sea/ Seal/	Angola	Argentina	Australia	Brazil	Canada	China	Colombia	Ecuador
1970 Average.....	0	2	0	112	393	178	167	1,263	600	219	4
1971 Average.....	6	2	6	93	423	309	174	1,348	780	214	4
1972 Average.....	33	2	35	140	433	327	167	1,532	900	196	78
1973 Average.....	32	2	36	162	420	369	169	1,798	1,090	184	209
1974 Average.....	35	2	38	169	414	388	176	1,551	1,315	168	177
1975 Average.....	189	12	202	165	395	409	177	1,430	1,490	157	161
1976 Average.....	279	245	525	194	398	426	167	1,314	1,670	146	188
1977 Average.....	280	768	1,055	194	431	431	161	1,321	1,874	138	183
1978 Average.....	356	1,082	1,446	131	453	432	160	1,316	2,082	131	202
1979 Average.....	403	1,568	1,976	147	473	441	166	1,500	2,122	124	214
1980 Average.....	528	1,622	2,151	150	491	380	182	1,435	2,114	126	204
1981 Average.....	501	1,811	2,322	130	496	394	213	1,285	2,012	125	211
1982 Average.....	520	2,065	2,617	122	491	370	260	1,271	2,045	141	211
1983 Average.....	614	2,291	2,965	177	491	416	339	1,356	2,120	152	237
1984 Average.....	697	2,480	3,250	208	478	492	475	1,438	2,296	168	258
1985 Average.....	788	2,539	3,417	231	460	575	564	1,471	2,505	176	281
1986 Average.....	870	2,406	3,584	282	434	520	572	1,474	2,620	305	293
1987 Average.....	1,022	2,232	3,540	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	3,615	455	460	490	596	1,560	2,757	403	285
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.....	2,350	1,915	4,403	509	594	503	643	1,679	2,890	456	344
1994 Average.....	2,521	2,375	5,058	538	650	536	671	1,793	2,939	455	379
1995 Average P.....	2,768	2,489	5,406	646	713	562	695	1,817	3,015	589	392

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), 1970-1995
(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	1,842	59,600
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	1,946	53,256
1984 Average.....	822	519	440	2,780	414	--	11,861	170	8,879	2,015	54,489
1985 Average.....	887	620	440	2,745	498	--	11,585	178	8,971	2,124	53,982
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	3,233	60,216
1993 Average.....	890	534	640	2,673	776	6,730	--	554	6,847	3,288	60,246
1994 Average.....	896	590	645	2,689	815	6,135	--	560	6,662	3,408	61,358
1995 Average P....	920	703	682	2,618	851	5,768	--	610	6,560	3,358	62,230

^{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), 1980-1995
(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	1,587	17,803
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	293	4,265	1,441	1,587	17,741
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	3,05	1,190	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...	747	313	1,327	3,540	512	1,852	1,361	1,835	413	8,198	2,109	2,410	24,617
1994 Average...	750	329	1,334	3,600	548	2,034	1,378	1,887	409	8,147	2,183	2,542	25,141
1995 Average P.	767	341	1,343	3,608	550	2,057	1,390	1,876	449	8,231	2,197	2,710	25,520

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.

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, 1970-1995
(Thousand Barrels per Day)

	Algeria	Canada	Mexico	Saudi Arabia	Former USSR	United States ^{1/}	Persian Gulf ^{2/}	OAPEC ^{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	4,502
1990 Average.....	130	426	428	620	425	1,559	930	1,107	1,281	4,632
1991 Average.....	140	431	457	680	420	1,659	931	1,113	1,299	4,827
1992 Average.....	140	460	454	713	390	1,697	1,003	1,185	1,364	4,973
1993 Average.....	145	506	459	704	380	1,736	1,040	1,238	1,435	5,169
1994 Average.....	140	539	461	698	340	1,727	1,081	1,272	1,475	5,297
1995 Average P....	145	574	447	701	410	1,762	1,086	1,282	1,456	5,512

^{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 these groups.

P=Preliminary.

Sources: See end of Section 4.

Table 4.4 World Oil Supply, 1970-1995
(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	62,429
1988 Average.....	10,473	14,310	15,662	21,625	64,707
1989 Average.....	9,880	15,733	16,658	23,532	65,894
1990 Average.....	9,677	16,249	17,232	24,807	66,756
1991 Average.....	9,883	15,704	16,747	24,920	66,634
1992 Average.....	9,768	17,010	17,871	26,117	66,937
1993 Average.....	9,602	17,792	18,505	26,923	67,343
1994 Average.....	9,413	18,234	18,885	27,633	68,585
1995 Average P.....	9,400	18,403	19,152	27,987	69,796

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 these groups.

P=Preliminary.

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

Sources: See end of Section 4.

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

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1973 December.....	201	152	181	156	1,070	1,008	140	303	67	2,588
1974 December.....	249	167	213	191	1,227	1,074	145	370	64	2,880
1975 December.....	225	143	187	165	1,154	1,133	174	375	67	2,903
1976 December.....	234	143	208	165	1,205	1,112	153	380	68	2,918
1977 December.....	239	161	225	148	1,268	1,312	167	409	68	3,224
1978 December.....	201	154	238	157	1,219	1,278	144	413	68	3,122
1979 December.....	226	163	272	169	1,353	1,341	150	460	75	3,379
1980 December.....	243	170	319	168	1,464	1,392	164	495	72	3,587
1981 December.....	214	167	297	143	1,337	1,484	161	482	67	3,531
1982 December.....	193	179	272	125	1,258	1,430	136	484	68	3,376
1983 December.....	153	149	249	118	1,142	1,454	121	470	68	3,255
1984 December.....	152	159	239	112	1,130	1,556	128	479	69	3,362
1985 December.....	139	157	233	123	1,092	1,519	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	1,593	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	1,607	126	540	71	3,474
1988 December.....	140	155	266	112	1,118	1,597	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	1,581	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	1,621	121	590	73	3,568
1991 December.....	153	160	288	119	1,181	1,617	119	606	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	1,647	105	618	69	3,661
1994 December.....	158	164	312	115	1,240	1,653	119	645	69	3,726
1995 December P....	159	162	301	105	R1,216	1,563	119	631	74	R3,603

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. R=Revised data.

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

Sources: See end of Section 4.

Table 4.6 OECD Oil Demand, 1970-1995
(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	4,861	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	13,523	17,237	1,688	5,401	1,117	---	---	38,966	66,199
1994 Average...	1,833	1,841	2,879	1,837	13,597	17,718	1,727	5,674	1,176	---	---	39,892	68,683
1995 Average P.R.I., 907 R.I., 965 R2, 871 R.I., 842 R.I3, 919 R.I7, 725 R.I7, 746 R5, 723 R.I2, 233												R40, 345 R70, 028	

^{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. R=Revised data.

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, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total	15.878	17.670	18.008	18.706	20.082	20.456	20.414	20.783	21.226	21.133	20.694
United States ¹ /.....	4.286	5.439	5.914	6.587	7.202	7.161	6.626	6.938	7.618	7.986	7.883
Canada.....	-419	-391	-358	-585	-462	-425	-479	-546	-586	-736	-736
OECD Europe ² /.....	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355	7.196
Main European Importers											
France.....	1.654	1.682	1.742	1.718	1.711	1.750	1.869	1.784	1.761	1.615	1.721
Germany ³ /.....	2.166	2.380	2.281	2.279	2.112	2.202	2.664	2.739	2.723	2.731	2.695
Italy.....	1.603	1.642	1.718	1.590	1.716	1.788	1.769	1.839	1.747	1.778	1.837
Netherlands.....	.515	.632	.562	.646	.635	.677	.690	.713	.688	.720	.701
Spain.....	.802	.747	.803	.869	.952	.950	.951	.998	1.066	1.119	1.202
European Net Exporters											
Norway.....	-656	-718	-866	-1.036	-1.420	-1.543	-1.825	-2.102	-2.254	-2.586	-2.794
United Kingdom.....	-1.035	-1.067	-1.015	-760	-200	-214	-158	-221	-355	-850	-970
Smaller European Importers											
Austria.....	174	188	194	185	191	201	212	209	205	210	196
Belgium.....	382	456	443	451	454	442	506	517	503	517	499
Denmark.....	166	150	122	107	078	063	048	032	023	027	039
Ireland.....	078	098	081	076	079	095	094	097	102	109	116
Finland.....	207	229	242	200	220	208	211	188	182	234	198
Greece.....	210	245	230	242	252	273	297	326	327	292	344
Iceland.....	011	011	013	012	011	011	012	011	014	015	015
Luxembourg.....	023	024	028	028	031	034	039	040	039	040	036
Portugal.....	166	183	199	198	246	250	258	279	272	270	291
Sweden.....	349	379	309	313	290	324	312	320	335	362	266
Switzerland.....	257	290	254	258	254	273	273	277	250	262	248
Turkey.....	310	342	402	397	384	425	366	413	500	490	557
Japan.....	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766	5.709
Other OECD.....	.322	.338	.291	.250	.313	.270	.392	.467	.599	.648	.642

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 1995 are preliminary.

Sources: See end of Section 4.

Table 4.8 OECD Imports from OPEC, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total.....	10.531	12.408	12.414	13.115	14.602	15.675	15.597	15.809	16.259	16.054	15.700
United States ^{1/}	1.756	2.750	3.025	3.455	4.036	4.236	4.002	4.012	4.255	4.230	4.208
Canada.....	.128	.158	.155	.162	.205	.199	.210	.210	.268	.285	.253
OECD Europe ^{2/}	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446	6.141
Main European Importers											
France.....	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989	.919
Germany ^{3/}	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841	.714
Italy.....	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117	1.216
Netherlands.....	.568	.771	.773	.875	.905	.862	.928	.926	.982	.906	.682
Spain.....	.553	.600	.564	.608	.689	.655	.702	.637	.585	.684	.789
European Net Exporters											
Norway.....	.005	.008	.002	.002	.003	.007	.014	.004	.005	.003	.003
United Kingdom.....	.308	.328	.277	.323	.342	.406	.377	.390	.439	.306	.254
Smaller European Importers											
Austria.....	.087	.090	.087	.082	.086	.097	.108	.115	.127	.119	.057
Belgium.....	.159	.288	.257	.302	.353	.313	.362	.359	.359	.284	.282
Denmark.....	.035	.025	.053	.067	.069	.044	.006	.001	.006	.008	.022
Ireland.....	.000	.001	.001	-	-	.000	.000	.000	.000	.000	.000
Finland.....	.037	.021	.023	.011	.013	.013	.029	.033	.007	.004	.004
Greece.....	.197	.273	.279	.233	.244	.343	.298	.346	.303	.266	.263
Portugal.....	.113	.120	.101	.118	.156	.166	.139	.158	.166	.236	.217
Sweden.....	.051	.086	.062	.074	.064	.073	.105	.116	.123	.126	.166
Switzerland.....	.075	.068	.069	.051	.021	.038	.052	.051	.063	.082	.083
Turkey.....	.331	.344	.411	.439	.384	.388	.365	.412	.452	.475	.470
Japan.....	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.206	4.282	4.507	4.473
Other OECD.....	.268	.301	.408	.316	.367	.513	.491	.528	.616	.586	.625

Average

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 1995 are preliminary.

Sources: See end of Section 4.

Table 4.9 OECD Imports from Persian Gulf, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Imports from Persian Gulf											
Total.....	5.585	7.228	7.392	7.941	9.121	9.667	9.249	9.456	10.029	9.609	9.307
United States ¹ /...	.304	.909	1.072	1.526	1.857	1.961	1.835	1.774	1.775	1.722	1.563
Canada.....	.011	.054	.054	.056	.069	.081	.084	.092	.105	.119	.070
OECD Europe ² /.....	2.560	3.513	3.330	3.428	3.754	3.908	3.660	3.666	4.048	3.506	3.362
Main European Importers											
France.....	.476	.586	.459	.484	.647	.864	.708	.640	.757	.651	.647
Germany ³ /.....	.152	.232	.187	.197	.216	.217	.227	.215	.250	.217	.171
Italy.....	.583	.817	.782	.643	.619	.626	.595	.573	.548	.430	.497
Netherlands.....	.294	.509	.516	.587	.663	.647	.609	.650	.744	.662	.500
Spain.....	.264	.328	.295	.306	.352	.291	.281	.231	.287	.275	.324
European Net Exporters											
Norway.....	.003	.006	.002	-	-	.000	.011	.000	.000	.000	.000
United Kingdom...	.144	.173	.164	.212	.240	.250	.222	.220	.303	.174	.135
Smaller European Importers											
Austria.....	.023	.011	.026	.025	.022	.016	.021	.031	.036	.038	.035
Belgium.....	.088	.182	.162	.224	.277	.250	.279	.292	.291	.232	.257
Denmark.....	.022	.024	.047	.063	.067	.043	.004	.000	.002	.000	.000
Ireland.....	.000	-	-	-	-	-	-	-	-	-	-
Finland.....	.037	.021	.022	.011	.012	.011	.021	.023	.002	.002	.002
Greece.....	.122	.204	.211	.146	.181	.268	.219	.291	.253	.214	.223
Portugal.....	.076	.088	.069	.066	.085	.073	.067	.074	.050	.117	.107
Sweden.....	.006	.036	.029	.045	.043	.039	.064	.068	.088	.076	.115
Switzerland.....	.006	.008	.008	.007	.007	.007	.007	.007	.008	.012	.007
Turkey.....	.265	.289	.348	.411	.323	.307	.324	.349	.429	.405	.343
Japan.....	2.533	2.557	2.637	2.691	3.173	3.394	3.370	3.586	3.721	3.946	3.980
Other OECD.....	.176	.195	.299	.241	.267	.322	.300	.338	.381	.316	.333

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. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day.

•Data for 1995 are preliminary.

Sources: See end of Section 4.

Table 4.10 United States—Net Oil Imports, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports..	4.286	5.439	5.914	6.587	7.202	7.161	6.626	6.938	7.618	7.986	7.883
Imports from OPEC ^{1/}	1.756	2.750	3.025	3.455	4.036	4.236	4.002	4.012	4.255	4.230	4.208
Imports from Persian Gulf ^{2/}											
Total.....	.304	.909	1.072	1.526	1.857	1.961	1.835	1.774	1.775	1.722	1.563
Bahrain.....	-.001	.001	-.001	.000	-.001	-.001	-.001	-.002	-.002	-.002	-.003
Iran.....	.027	.019	.098	.000	.000	.000	.032	.000	.000	.000	.000
Iraq.....	.046	.081	.083	.343	.449	.518	.000	.000	.000	.000	.000
Kuwait.....	.021	.068	.082	.092	.157	.086	.006	.051	.353	.312	.218
U.A.E.....	.044	.043	.059	.028	.027	.016	.001	.004	.009	.011	.004
Qatar.....	.000	.013	.000	.000	.002	.004	.000	.001	.001	.000	.000
Saudi Arabia.....	.168	.685	.751	1.063	1.224	1.339	1.797	1.720	1.414	1.402	1.344
Imports from OPEC-Africa											
Total.....	.536	.737	.867	.934	1.134	1.144	1.040	1.000	1.108	1.074	1.088
Algeria.....	.187	.271	.295	.300	.269	.280	.253	.196	.220	.243	.234
Gabon.....	.052	.026	.037	.016	.050	.064	.084	.124	.152	.194	.229
Libya.....	.004	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.293	.440	.535	.618	.815	.800	.703	.680	.736	.637	.625
Imports from											
OPEC-South America											
Total.....	.602	.788	.801	.790	.861	1.016	1.020	1.161	1.295	1.322	1.468
Venezuela.....	.602	.788	.801	.790	.861	1.016	1.020	1.161	1.295	1.322	1.468
Imports from OPEC-Far East											
Total.....	.313	.317	.284	.205	.182	.113	.106	.075	.074	.109	.087
Indonesia.....	.313	.317	.284	.205	.182	.113	.106	.075	.074	.109	.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. *Data for 1995 are preliminary.

Sources: See end of Section 4.

Table 4.11 Japan—Net Oil Imports, 1985–1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports..	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766	5.709
Imports from OPEC1/	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.206	4.282	4.507	4.473
Imports from											
Persian Gulf2/											
Total.....	2.533	2.557	2.637	2.691	3.173	3.394	3.370	3.586	3.721	3.946	3.980
Bahrain.....	.026	.034	.037	.036	.042	.037	.037	.029	.025	.028	.027
Iran.....	.259	.220	.230	.187	.291	.385	.383	.362	.384	.459	.399
Iraq.....	.063	.164	.105	.173	.219	.146	.000	.000	—	—	—
Kuwait.....	.215	.278	.347	.341	.458	.291	.014	.220	.368	.430	.503
U.A.E.....	.845	.890	.773	.822	.929	1.032	1.285	1.256	1.287	1.398	1.417
Qatar.....	.220	.183	.139	.203	.250	.263	.285	.300	.330	.328	.334
Saudi Arabia.....	.904	.789	1.005	.930	.984	1.240	1.367	1.420	1.327	1.303	1.300
Imports from OPEC-Africa											
Total.....	.010	.016	.023	.044	.016	.020	.022	.015	.046	.029	.032
Algeria.....	.010	.015	.023	.044	.015	.010	.010	.007	.008	.012	.011
Gabon.....	—	—	—	—	.002	.009	.011	.009	.038	.012	.005
Libya.....	.001	.001	—	—	—	—	—	—	—	—	—
Nigeria.....	—	—	—	—	—	.001	.001	.000	.000	.005	.016
Imports from											
OPEC-South America											
Total.....	.014	.012	.012	.011	.011	.011	.010	.010	.009	.009	.002
Venezuela.....	.014	.012	.012	.011	.011	.011	.010	.010	.009	.009	.002
Imports from OPEC-Far East											
Total.....	.452	.486	.563	.599	.631	.682	.673	.624	.533	.551	.486
Indonesia.....	.452	.486	.563	.599	.631	.682	.673	.624	.533	.551	.486

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 1995 are preliminary.

Sources: See end of Section 4.

Table 4.12 OECD Europe—Net Oil Imports, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports..	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355	7.196
Imports from OPEC ^{1/}	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446	6.141
Imports from Persian Gulf ^{2/}											
Total.....	2.560	3.513	3.330	3.428	3.754	3.908	3.660	3.666	4.048	3.506	3.362
Bahrain.....	.004	.002	.001	.009	.005	.020	.002	.003	.004	.003	.000
Iran.....	.648	.511	.732	.850	1.076	1.190	1.132	1.113	1.253	1.074	1.170
Iraq.....	.673	.717	.905	.959	.897	.591	.000	.000	.000	.000	.000
Kuwait.....	.356	.456	.469	.474	.452	.346	.019	.142	.461	.302	.236
U.A.E.....	.131	.164	.206	.134	.214	.446	.281	.199	.092	.067	.013
Qatar.....	.051	.054	.040	.021	.024	.026	.009	.006	.000	.000	.002
Saudi Arabia.....	.698	1.609	.978	.981	1.086	1.290	2.217	2.203	2.237	2.060	1.940
Imports from OPEC-Africa											
Total.....	2.524	2.398	2.089	2.230	2.241	2.533	2.947	2.913	2.535	2.706	2.503
Algeria.....	.659	.615	.627	.646	.648	.683	.757	.772	.693	.690	.686
Gabon.....	.077	.090	.031	.031	.017	.024	.129	.095	.044	.061	.033
Libya.....	.948	.967	.962	1.071	1.044	1.267	1.332	1.361	1.193	1.233	1.208
Nigeria.....	.841	.727	.469	.481	.532	.559	.729	.686	.605	.721	.576
Imports from OPEC-South America											
Total.....	.307	.252	.208	.220	.212	.227	.249	.268	.240	.219	.259
Venezuela.....	.307	.252	.208	.220	.212	.227	.249	.268	.240	.219	.259
Imports from OPEC-Far East											
Total.....	.008	.002	.002	.005	.004	.008	.002	.009	.019	.019	.017
Indonesia.....	.008	.002	.002	.005	.004	.008	.002	.009	.019	.019	.017

^{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 1995 are preliminary.

Sources: See end of Section 4.

Table 4.13 France—Net Oil Imports, 1985–1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports...	1.654	1.682	1.742	1.718	1.711	1.750	1.869	1.784	1.761	1.615	1.721
Imports from OPEC ^{1/}	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989	.919
Imports from											
Persian Gulf ^{2/}											
Total.....	.476	.586	.459	.484	.647	.864	.708	.640	.757	.651	.647
Bahrain.....	-	.001	-	.007	.002	.011	.000	.001	.002	.000	.000
Iran.....	.082	.065	.088	.012	.158	.182	.171	.151	.243	.156	.208
Iraq.....	.138	.109	.151	.143	.128	.062	.000	.000	-	-	-
Kuwait.....	.035	.023	.044	.017	.021	.015	.011	.029	.032	.016	.022
U.A.E.....	.054	.035	-	.017	.040	.233	.064	.033	.025	.003	.002
Qatar.....	.034	.030	.002	.017	.009	.022	.003	.002	.000	.000	.000
Saudi Arabia.....	.134	.324	.175	.271	.288	.339	.459	.424	.454	.477	.416
Imports from OPEC-Africa											
Total.....	.387	.344	.212	.249	.218	.233	.376	.348	.283	.335	.270
Algeria.....	.109	.089	.072	.079	.089	.092	.107	.105	.066	.089	.103
Gabon.....	.043	.065	-	-	-	.000	.080	.066	.041	.034	.008
Libya.....	.070	.061	.064	.090	.065	.079	.104	.087	.063	.059	.043
Nigeria.....	.165	.129	.076	.079	.064	.062	.084	.090	.112	.153	.115
Imports from											
OPEC-South America											
Total.....	.020	.019	.012	.011	.012	.015	.017	.011	.010	.003	.002
Venezuela.....	.020	.019	.012	.011	.012	.015	.017	.011	.010	.003	.002
Imports from OPEC-Far East											
Total.....	.002	.000	-	-	.000	.000	.001	.001	.000	.000	.000
Indonesia.....	.002	.000	-	-	.000	.000	.001	.001	.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. *Data for 1995 are preliminary.

Sources: See end of Section 4.

Table 4.14 Germany—Net Oil Imports, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports..	2.166	2.380	2.281	2.279	2.112	2.202	2.664	2.739	2.723	2.731	2.695
Imports from OPEC1/	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841	.714
Imports from Persian Gulf2/											
Total.....	.152	.232	.187	.197	.216	.217	.227	.215	.250	.217	.171
Bahrain.....	.000	-	-	-	-	-	-	-	.000	.001	.000
Iran.....	.053	.041	.020	.051	.041	.055	.053	.021	.053	.040	.031
Iraq.....	.008	.016	.052	.032	.009	.004	.000	.000	.000	-	-
Kuwait.....	.021	.021	.017	.013	.022	.013	.000	.009	.022	.026	.015
U.A.E.....	.006	.004	.024	.006	.023	.016	.012	.002	.002	.001	.000
Qatar.....	-	-	.001	.001	.002	.003	.002	.001	.000	.000	.000
Saudi Arabia.....	.064	.151	.072	.095	.119	.125	.161	.182	.173	.149	.124
Imports from OPEC-Africa											
Total.....	.532	.485	.405	.472	.436	.469	.537	.620	.594	.546	.465
Algeria.....	.130	.137	.146	.141	.106	.098	.126	.183	.195	.161	.135
Gabon.....	.003	.001	.004	-	-	.005	.013	.006	.000	.003	.004
Libya.....	.201	.152	.160	.237	.235	.244	.262	.252	.244	.244	.234
Nigeria.....	.197	.195	.095	.095	.095	.123	.136	.179	.154	.139	.093
Imports from OPEC-South America											
Total.....	.103	.113	.086	.091	.086	.088	.107	.128	.105	.079	.078
Venezuela.....	.103	.113	.086	.091	.086	.088	.107	.128	.105	.079	.078
Imports from OPEC-Far East											
Total.....	.000	.001	.002	-	-	.002	.000	.000	.000	.000	.000
Indonesia.....	.000	.001	.002	-	-	.002	.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. •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 1995 are preliminary.

Sources: See end of Section 4.

Table 4.15 Italy--Net Oil Imports, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports..	1.603	1.642	1.718	1.590	1.716	1.788	1.769	1.839	1.747	1.778	1.837
Imports from OPEC1/	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117	1.216
Imports from											
Persian Gulf2/											
Total.....	.583	.817	.782	.643	.619	.626	.595	.573	.548	.430	.497
Bahrain.....	.002	.001	.000	-	.001	.000	.001	.001	.000	.000	.000
Iran.....	.146	.135	.141	.093	.124	.192	.231	.239	.221	.143	.235
Iraq.....	.139	.114	.167	.198	.138	.079	.000	.000	-	-	-
Kuwait.....	.132	.147	.142	.118	.093	.063	.000	.007	.012	.001	.000
U.A.E.....	.024	.051	.109	.060	.085	.075	.044	.013	.002	.000	.000
Qatar.....	.007	.004	.029	.002	.008	.000	.004	.001	.000	.000	.002
Saudi Arabia.....	.134	.364	.194	.171	.171	.216	.315	.312	.313	.286	.260
Imports from OPEC-Africa											
Total.....	.552	.507	.489	.517	.627	.740	.799	.757	.653	.661	.690
Algeria.....	.110	.087	.109	.108	.150	.155	.155	.140	.096	.099	.102
Gabon.....	.001	.001	-	.001	.001	.000	.006	.000	.000	.001	.000
Libya.....	.299	.309	.342	.389	.430	.556	.581	.584	.542	.543	.570
Nigeria.....	.142	.110	.038	.019	.045	.029	.057	.034	.015	.018	.017
Imports from											
OPEC-South America											
Total.....	.072	.039	.037	.029	.014	.007	.004	.005	.002	.007	.014
Venezuela.....	.072	.039	.037	.029	.014	.007	.004	.005	.002	.007	.014
Imports from OPEC-Far East											
Total.....	-	-	-	.002	.002	.003	.001	.009	.019	.019	.015
Indonesia.....	-	-	-	.002	.002	.003	.001	.009	.019	.019	.015

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 1995 are preliminary.

Sources: See end of Section 4.

Table 4.16 OECD Imports from Iraq, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total.....	0.784	0.964	1.103	1.489	1.581	1.276	0.000	0.000	0.000	0.000	0.000
United States ^{1/}	.046	.081	.083	.343	.449	.518	.000	.000	.000	.000	.000
Canada.....	-	-	.010	.001	.013	.011	.000	.000	.000	.000	.000
OECD Europe ^{2/}	.673	.717	.905	.959	.897	.591	.000	.000	.000	.000	.000
Main European Importers											
France.....	.138	.109	.151	.143	.128	.062	.000	.000	.000	.000	.000
Germany ^{3/}	.008	.016	.052	.032	.009	.004	.000	.000	.000	.000	.000
Italy.....	.139	.114	.167	.198	.138	.079	.000	.000	.000	.000	.000
Netherlands.....	.022	.067	.034	.039	.101	.117	.000	.000	.000	.000	.000
Spain.....	.123	.117	.080	.092	.109	.063	.000	.000	.000	.000	.000
European Net Exporters											
United Kingdom.....	.041	.071	.082	.070	.034	.027	.000	.000	.000	.000	.000
Smaller European Importers											
Austria.....	.007	-	.015	.007	.000	.000	.000	.000	.000	.000	.000
Belgium.....	.019	.026	.049	.037	.047	.029	.000	.000	.000	.000	.000
Denmark.....	.000	-	.001	-	-	.000	.000	.000	.000	.000	.000
Greece.....	.038	.030	.065	.059	.052	.044	.000	.000	.000	.000	.000
Portugal.....	.018	.024	.019	.029	.024	.019	.000	.000	.000	.000	.000
Sweden.....	.000	-	.003	.003	.005	.000	.000	.000	.000	.000	.000
Switzerland.....	-	-	.000	-	.000	.000	.000	.000	.000	.000	.000
Turkey.....	.121	.143	.188	.250	.250	.146	.000	.000	.000	.000	.000
Japan.....	.063	.164	.105	.173	.219	.146	.000	.000	.000	.000	.000
Other OECD.....	.001	.002	.000	.013	.003	.011	.000	.000	.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 1995 are preliminary.

Sources: See end of Section 4.

Table 4.17 OECD Imports from Kuwait, 1985-1995
(Million Barrels per Day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
	Average										
Total.....	0.624	0.829	0.925	0.936	1.084	0.740	0.039	0.414	1.191	1.081	0.966
United States ¹ /.....	.021	.068	.082	.092	.157	.086	.006	.051	.353	.312	.218
Canada.....	-	-	-	-	-	.004	-	-	.000	.027	.000
OECD Europe ² /.....	.356	.456	.469	.474	.452	.346	.019	.142	.461	.302	.236
Main European Importers											
France.....	.035	.023	.044	.017	.021	.015	.011	.029	.032	.016	.022
Germany ³ /.....	.021	.021	.017	.013	.022	.013	.000	.009	.022	.026	.015
Italy.....	.132	.147	.142	.118	.093	.063	.000	.007	.012	.001	.000
Netherlands.....	.098	.122	.150	.189	.194	.151	.002	.052	.254	.179	.145
Spain.....	.003	.020	.015	.030	.015	.010	.003	.000	.015	.000	.000
European Net Exporters											
Norway.....	-	-	-	-	-	-	-	-	.000	.000	.000
United Kingdom.....	.023	.014	.011	.006	.006	.045	.002	.027	.049	.058	.039
Smaller European Importers											
Austria.....	-	-	-	.004	.002	.000	.000	.000	.000	.000	.000
Belgium.....	.002	.006	.000	-	-	.000	.001	.006	.056	.005	.004
Denmark.....	.021	.020	.045	.060	.066	.034	.000	.000	.000	.000	.000
Finland.....	.000	-	-	-	-	-	.000	-	-	-	-
Greece.....	.005	.038	.030	.015	.009	.000	.000	.002	.005	.001	.000
Portugal.....	-	-	.001	.003	.003	.002	.000	.000	.000	.000	.000
Sweden.....	.002	-	-	-	.001	.001	.000	.000	.002	.000	.000
Switzerland.....	-	-	-	-	-	-	.000	.000	.000	.000	.000
Turkey.....	.012	.046	.013	.019	.019	.011	.000	.010	.016	.016	.012
Japan.....	.215	.278	.347	.341	.458	.291	.014	.220	.368	.430	.503
Other OECD.....	.032	.028	.026	.029	.017	.013	.000	.000	.009	.011	.009

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

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

3/ Data through 1990 are for the former West Germany.
Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. •Negative numbers represent net exports.
•A dash (-) indicates no trade. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •Data for 1995 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 1995; • 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 1995.

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

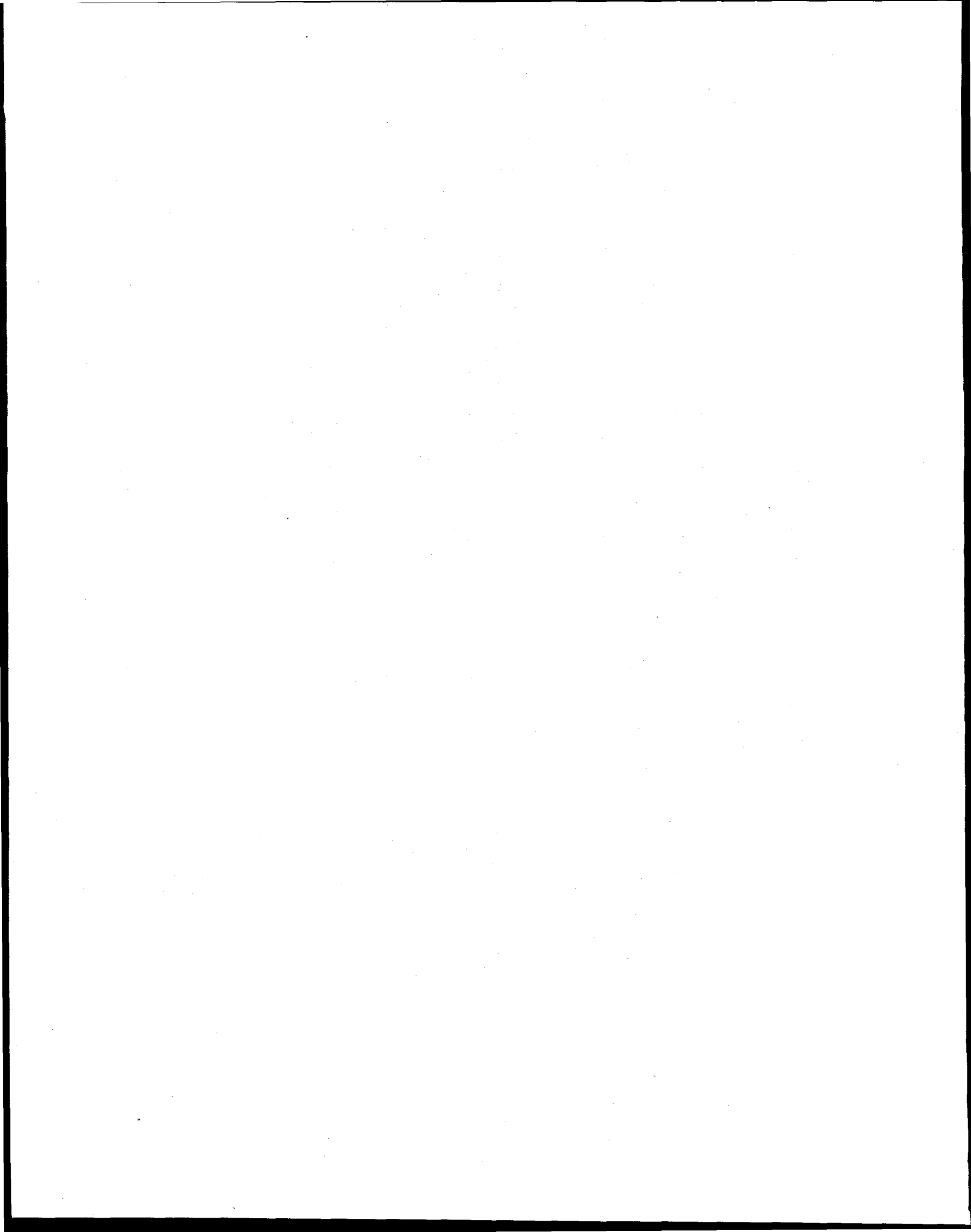
United States: EIA, Petroleum Supply Annual 1995.

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 1995.

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues. • OECD Monthly Oil Statistics database, 1991-1995.



Appendix A

Organizational and Geographical Definitions

Appendix A. Organizational and Geographical Definitions

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

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

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

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

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

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

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

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

Appendix B

Explanatory Notes

Appendix B. Explanatory Notes

Note 1: World Oil Supply

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

Note 2: Oil Stocks

The International Energy Agency (IEA) assembles and reports total oil stock data for the member countries of the Organization for Economic Cooperation and Development (OECD). Oil stocks include crude oil (including strategic reserves), unfinished oils, natural gas plant liquids, and refined petroleum products. In its report titled Quarterly Oil Statistics and Energy Balances of OECD Countries, the IEA defines oil stocks as follows: "All non-military stocks held by importers (including all final consumers directly), refiners, Governments, major non-importing final consumers eligible under IEA/OECD commitments and by foreign entities in the following facilities: bulk terminals, refinery tanks, pipeline tankage, barges, intercoastal tankers (when port of departure and destination are in the reporting country), tankers in port (to the extent that their cargo is to be unloaded in the reporting country), and inland ship bunkers. Oil is reported regardless of the ownership of such storage facilities." IEA data exclude "oil held in pipelines, rail and truck tank cars, sea-going ships' bunkers, service stations, retail stores and tankers at sea." Also the IEA defines the United States to be the 50 States and the District of Columbia, and the U.S. Territories (Guam, Puerto Rico, and the U.S. Virgin Islands). The Energy Information Administration (EIA) does not include the United States Territories in its statistical definition of the United States. Further, the EIA includes oil in oil pipelines as part of its stock data. Tables 1.5, 1.6, 2.3, and 4.4 include oil stocks for the United States according to EIA definitions. Using IEA definitions, at the end of March 1996 United States (including territories) oil stocks totaled 1,352 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 1993, 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 Russia, which in 1993 accounted for about one-sixth of the demand in the group of 25. The next largest consumer is China, which in 1993 accounted for about one-seventh of the demand in the group. Thus in 1993 Russia and China accounted for one-third 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. Demand numbers for 1992 and earlier years, for all countries, may be found in EIA's International Energy Annual 1993, published in May 1995, which is the most recent published edition of the International Energy Annual. EIA's WORLD ENERGY database contains final demand data for all countries of the world for 1993, and preliminary demand data for all countries for 1994. Instructions for downloading this database may be found on EIA's home page (<http://www.eia.doe.gov/erneu/world/main1.html>). 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 1994 and earlier years match the demand numbers in the WORLD ENERGY database on EIA's home page. Numbers for 1995 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. Refined Petroleum Products Conversion Factors

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

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

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
North America											
Canada.....	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453
Mexico.....	7.108	7.108	6.965	6.965	6.965	6.965	6.965	6.965	6.965	6.965	6.965
United States.....	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333
Central & South America											
Argentina.....	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149
Barbados.....	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286
Bolivia.....	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881
Brazil.....	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268
Chile.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Colombia.....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
Cuba.....	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449
Ecuador.....	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130
Guatemala.....	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210
Peru.....	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407
Suriname.....	--	--	6.199	6.199	6.199	6.199	6.199	6.199	6.199	6.199	6.199
Trinidad and Tobago.....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
Venezuela.....	6.795	6.795	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
Western Europe											
Austria.....	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082
Denmark.....	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689
France.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332
Germany.....	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295
Greece.....	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178
Italy.....	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853
Netherlands.....	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853
Norway.....	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810
Spain.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Sweden.....	--	--	--	--	--	--	7.247	7.247	7.247	7.247	7.247
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.....	--	--	--	--	7.190	7.190	7.190	7.190	7.190	7.190	7.190
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.....	--	--	--	--	--	--	--	--	8.077	8.077	8.077
Gabon.....	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305
Ghana.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Ivory Coast.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Libya.....	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515
Morocco.....	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600
Nigeria.....	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315
Tunisia.....	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689
Zaire.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320

-- = No Production of this form of energy.

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

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

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