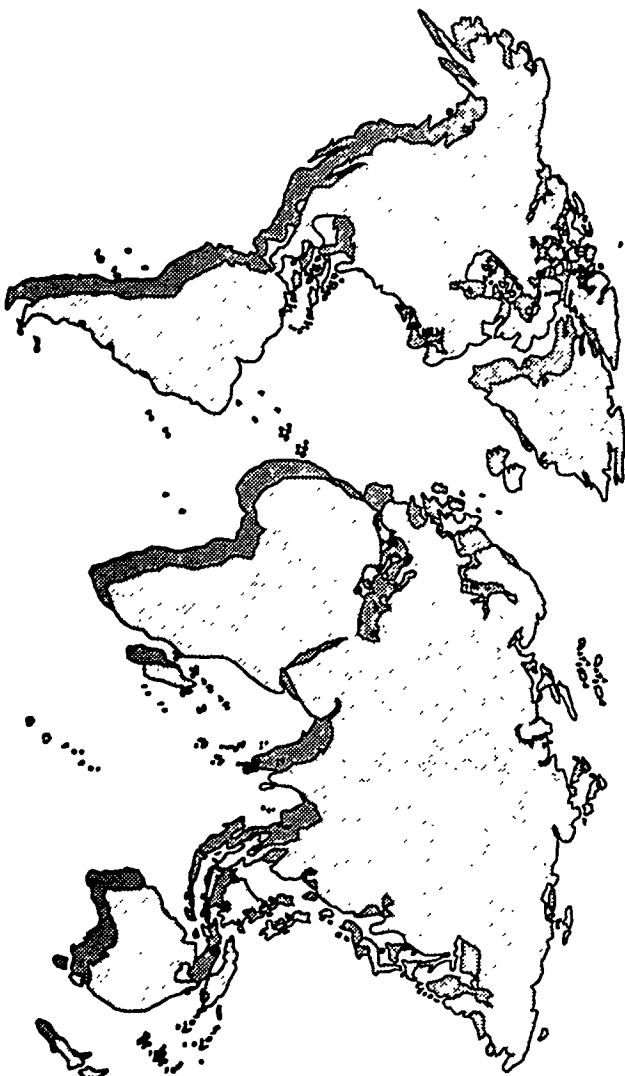


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October 1996

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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. Rodekohl, Director, Energy Markets and Contingency Information Division, (202) 586-1130. Detailed questions and comments concerning the contents of the International Petroleum Statistics Report may be directed to Louis D. DeMouy, Chief, International Statistics Branch, (202) 586-6557; Michael J. Maloney (202) 586-9415, Patricia A. Smith (202) 586-6925, H. Vicky McLaine (202) 586-9412 or to Michael J. Grillot (202) 586-6577; Oil Market Chronology - Lowell Feld (202) 586-9502.

Oil Market Chronology -- September 1996

The following chronology lists international events of potential significance for world petroleum markets. Sources include: Dallas Morning News (DMN), Dow Jones (DJ), Financial Times (FT), New York Times (NYT), Oil and Gas Journal (OGJ), Petroleum Intelligence Weekly (PIW), and Platt's Oilgram News (PON).

August 27

In Congo, Exxon signs a production sharing contract for the Mer Profund Nord concession, located 50 to 75 miles offshore in an area where water depths reach up to 6,000 feet. Exxon will begin seismic exploration in the 1-million acre block in early 1997. Exxon and Elf currently are involved in the development of the nearby Mer Profund Sud concession. Work on these concessions represents an important trend in deepwater exploration activity offshore West Africa and is a significant part of Congo's ongoing effort to boost its oil output above current levels with the addition of offshore fields. (DJ, OGJ)

September 3

In Yemen, Oil Minister Mohammed Attar states that the country will raise its oil production from 350,000 barrels per day at present to 400,000 barrels per day by 2000. Initial boosts in output will come from the 27,000-barrel-per-day Jannah and 20,000-barrel-per-day East Shabwa fields, both of which are due to come online in 1997. (DJ)

Officials from Nigeria and Equatorial Guinea meet to discuss territorial rights concerning Equatorial Guinea's Zafiro field, which Mobil recently brought online in a fast-track development program. The field currently produces about 10,000 barrels per day and is expected to reach an output level of 40,000 barrels per day in 1997. Nigeria previously had awarded Zafiro development rights to Elf. Nigeria also is involved in a dispute with Cameroon over the oil-rich Bakassi Peninsula. A United Nations team is expected to depart soon for the region in the hopes of mediating a settlement. (DJ)

September 4

India's Foreign Investment Promotion Board rejects four proposed oil and petrochemical projects, including Occidental's plan to invest up to \$2 billion in enhanced oil recovery (EOR) technology for the mature Bombay High field. About one half of India's oil production comes from the Bombay High region. Perceived endangerment to national security was one of the Board's reasons for rejecting Occidental's EOR proposal. (PON)

Trade press reports indicate that Azerbaijani and Iranian officials still disagree over the construction timetable for a \$70-million pipeline to supply Iranian natural gas to Azerbaijan's enclave of Nakhichevan, which is separated from the majority of the country by Armenia. The two countries signed a pipeline construction agreement in 1992. However, further progress has been stalled by Iran's refusal to accept oil products as payment from Azerbaijan, rather than cash, for the 8.8 billion cubic feet of Iranian gas already delivered to Nakhichevan. (PON)

September 5

Bolivia and Brazil sign a \$1.8-billion natural gas export pipeline construction contract. Brazil's state-owned Petrobras will oversee construction of the proposed 1,900-mile pipeline. Under the gas supply contract, Petrobras will purchase 280 million cubic feet per day of Bolivian gas for the first seven years of the 20 year sales period. Gas purchase volumes will double after the first seven years. After coming online in late 1998, the pipeline's first phase will link Santa Cruz, Bolivia with Campinas, Brazil. A second phase will extend the Brazilian line from Campinas to Porto Alegre by 1999. (DJ)

Following U.S. cruise missile strikes on military facilities in southern Iraq, crude oil prices rise as the market speculates on when Iraq will be allowed to begin exporting oil under the United Nations (U.N.) Resolution 986. Benchmark Brent Blend crude oil for October rises above \$22 per barrel amidst the uncertainty. The U.S. attack follows an Iraqi-supported invasion of Kurdish safe haven areas in the country's northern area. Subsequently, President Clinton states that the U.N. oil-for-food sale should be postponed indefinitely. (DJ)

September 6

In Kazakhstan, British Gas confirms that it will reduce its 42.5-percent stake in the giant Karachaganak natural gas field development project. Karachaganak, which is an extension of Russia's Orenburg field, is located in the northwestern part of Kazakhstan and contains about 46 trillion cubic feet of natural gas. In 1992, British Gas and Agip of Italy won a tender allowing them exclusive development rights to the field. Russia's Gazprom later joined the project with a 15 percent stake. It is rumored that Russia's Lukoil will acquire any interest relinquished by British Gas. The Karachaganak project will require a total investment of \$10 billion over 40 years. (DI)

September 8

The Revolutionary Armed Forces of Colombia (FARC) launch a new series of attacks in the country, killing at least 23 people and blowing up a section of the 200,000-barrel-per-day Cano Limon-Covenas crude oil pipeline. The resulting pipeline rupture spills 8,000 barrels of oil. Since it came into operation in 1986, this strategic pipeline has been attacked over 400 times. (NYT)

September 9

Malaysia's state-owned Petronas says that it will proceed with its contract to develop Iran's offshore Sirri A and E crude oil and natural gas fields. After pressure from the U.S. government, Conoco withdrew from the project in March 1995. Subsequently, Total was awarded the development project. Recently, Petronas acquired a 30 percent stake in the \$600-million venture, which will develop the fields' estimated 600 million barrels of oil reserves. Peak production is expected to reach 120,000 barrels per day. (DI)

September 12

In Burma, Unocal and Total, the partners undertaking development of the 5.7-trillion-cubic-foot Yadana natural gas field in the Gulf of Martaban, release the proposal's feasibility study. A \$700-million domestic project will complement a controversial 525-million-cubic-foot-per-day natural gas export pipeline which will link the offshore field through Burma to Thailand. The domestic project, called the "Three-in-One," comprises a 90-mile natural gas pipeline link between the field and Rangoon, a 200-megawatt gas-fired electric power station, and a 1,750-ton-per-day urea fertilizer plant. Controversy over the natural gas export pipeline has been fueled by alleged human rights violations by Burma's military government. Currently, a unilateral sanctions bill against Burma is pending in the U.S. Congress. (DI)

September 16

The Norwegian Petroleum Directorate (NPD) states that it will aid Angola's Ministry of Petroleum in formulating the country's future oil development strategy. The NPD specifically will project future production levels and export revenues, advise on appropriate safety and environmental programs, and provide relevant legal assistance for Angola's petroleum sector. The new agreement will last three years and follows previous cooperation activities under which Norway has advised Angola on topics such as deepwater oil production. (PON)

September 19

U.S. officials tell the International Court of Justice in the Hague that the United States should not be held liable for damages resulting from U.S. naval attacks on three offshore Iranian oil platforms during the Iran-Iraq War in 1988. The United States launched the attacks after Iran fired a Silkworm missile at a U.S.-flagged Kuwaiti tanker in 1987. That incident, along with another in which a U.S. frigate struck a mine in the southern Persian Gulf, resulted in injuries to U.S. naval personnel. The U.S. contends that the three oil platforms were armed military bases and were used to facilitate Iranian attacks on neutral shipping during the War. Iran counters that the oil platforms were of "vital commercial and economic importance" and were targeted by the U.S. to inflict "maximum financial, commercial, and economic damage." (DI)

After extensive negotiating efforts by Unocal, Afghanistan's main rebel factions sign an agreement to ensure the safety of a proposed 890-mile, 2-billion-cubic-foot-per-day capacity pipeline which would carry natural gas from Turkmenistan's 45-trillion-cubic-foot Dauletabad natural gas field to Pakistan. The proposed \$2-billion pipeline tentatively would run from the Dauletabad field south to the Afghan border and through Herat and Qandahar in Afghanistan and Quetta in Pakistan. The line would then link with Pakistan's gas grid at Sui. Natural gas shipments are projected to start at 700 million cubic feet per day in 1999 and rise to 1.4 billion cubic feet per day or higher by 2002. Following a memorandum of understanding signed in August 1996, a consortium of companies comprising Unocal and Saudi Arabia's Delta Oil (85 percent combined share), Russia's Gazprom (10 percent), and state-owned Turkmenengaz (5 percent) is planning to build the line, but political risk, security, and financing concerns may stall the project. (DI, PON)

September 20

In Russia, Arco signs several agreements with Lukoil to jointly invest \$5-billion in energy projects over the next 18 years. The deals also create a new company, LukArco, which will be held jointly by Lukoil (54 percent) and Arco (46 percent). In late 1995, Arco bought an 8 percent stake in Lukoil. The recent moves will provide Arco with a prominent position in Russian upstream activities. (DMN)

After pressure from 20 multinational oil companies belonging to the Colombian Petroleum Association (ACP), the Colombian government agrees to review the terms of the sliding scale production sharing contracts that most foreign oil companies signed between 1989 and 1994. The contracts provide state-owned Ecopetrol with as much as 70 percent of the oil produced from large fields. The ACP states that the unfavorable terms have led to a decrease in exploration activities in Colombia. The government's decision is made despite threats from the National Liberation Army, one of Colombia's two insurgent factions, to assassinate Rodrigo Villamizar, Minister of Mines and Energy, if British Petroleum's contract to develop the Volcanera, Paulo, and Florena fields are revised. (D)

September 25

In New York, visiting Colombian President Ernesto Samper states that a new 700-million-barrel oil field has been discovered by state-owned Ecopetrol in central Colombia. Later, Ecopetrol President Luis Bernardo Florez says that, while the field may contain as much as 600 to 700 million barrels of high-quality crude oil, further appraisal work is needed. If confirmed, the find would increase Colombia's proven oil reserves by 20 percent. (D)

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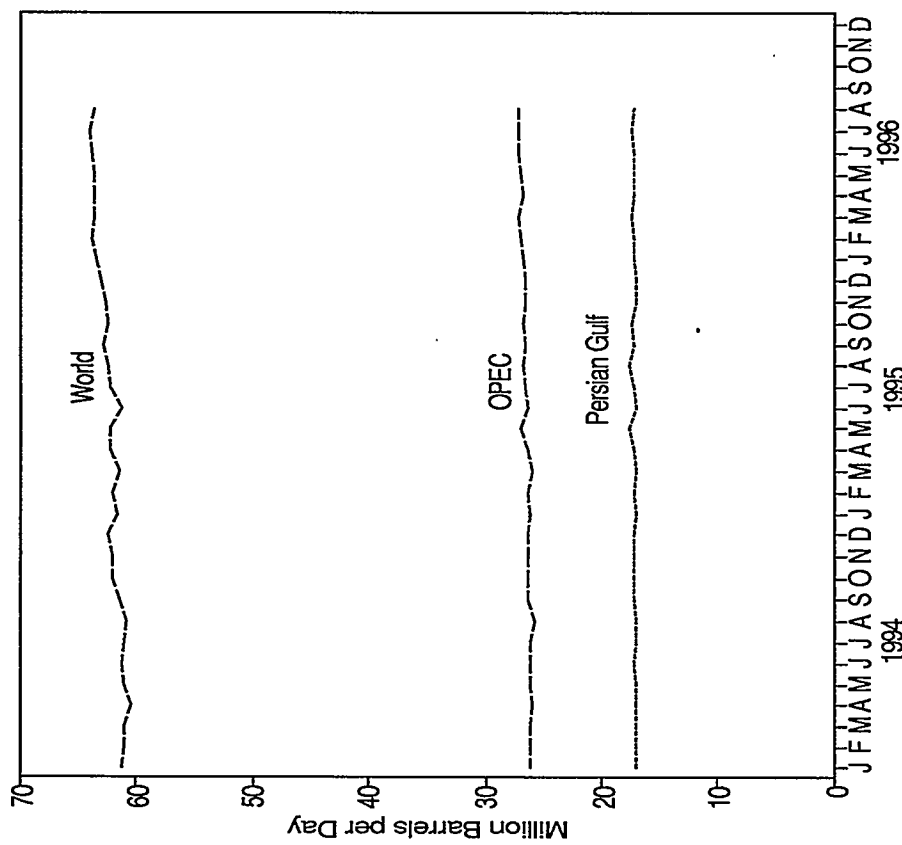
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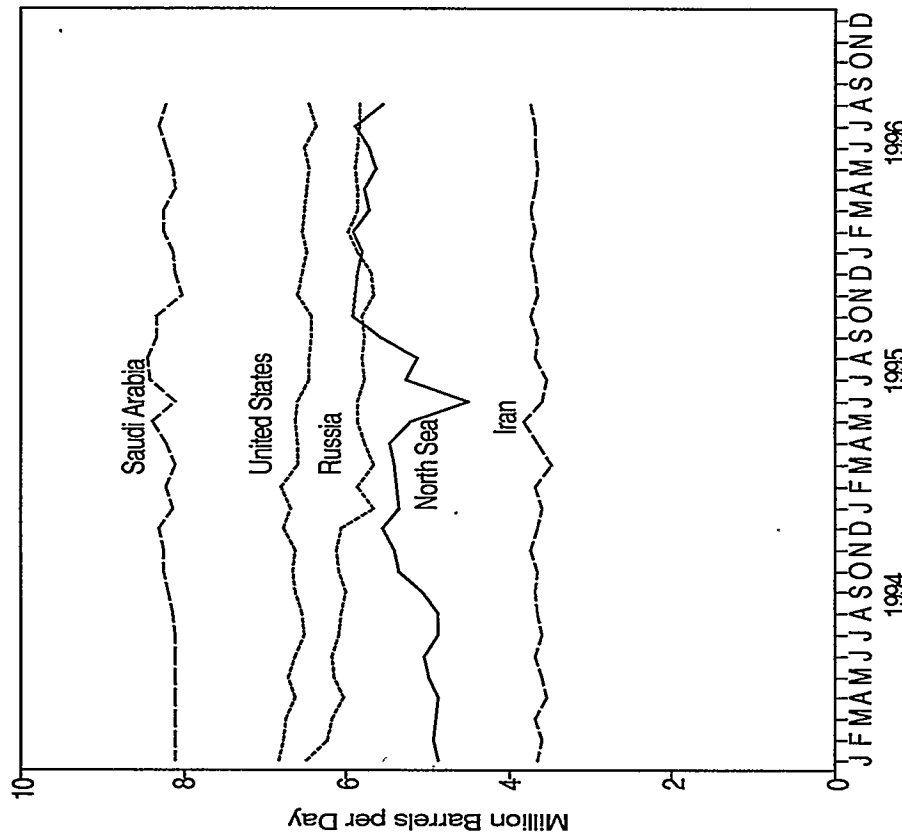
1. Annual and Monthly Oil Data

Figure 1. World Crude Oil Production, Monthly



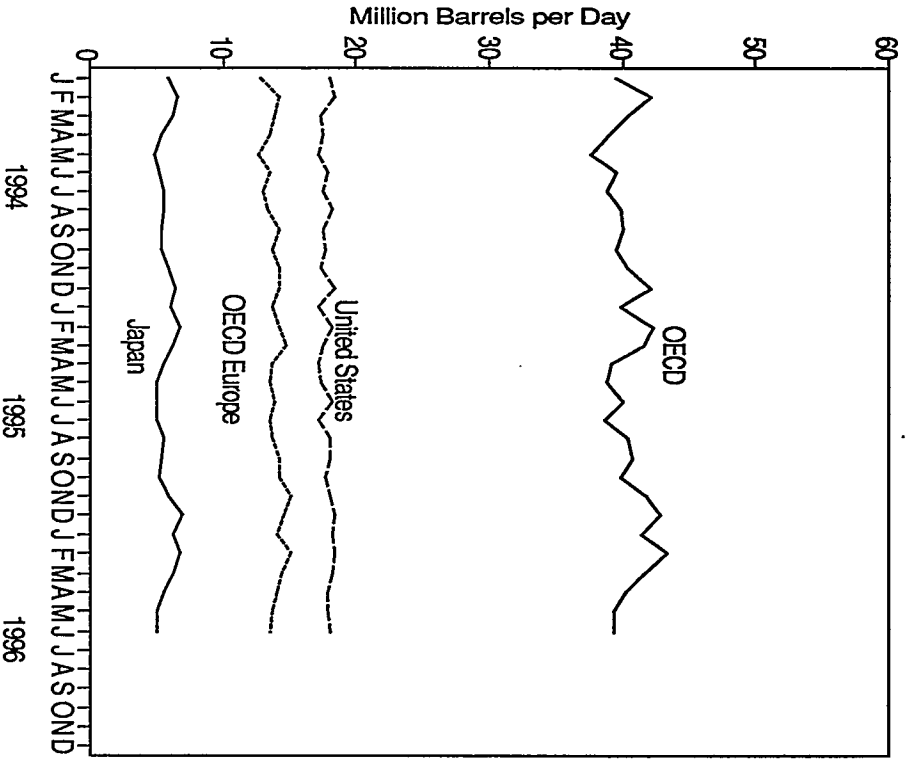
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Figure 2. Leading Crude Oil Producers, Monthly



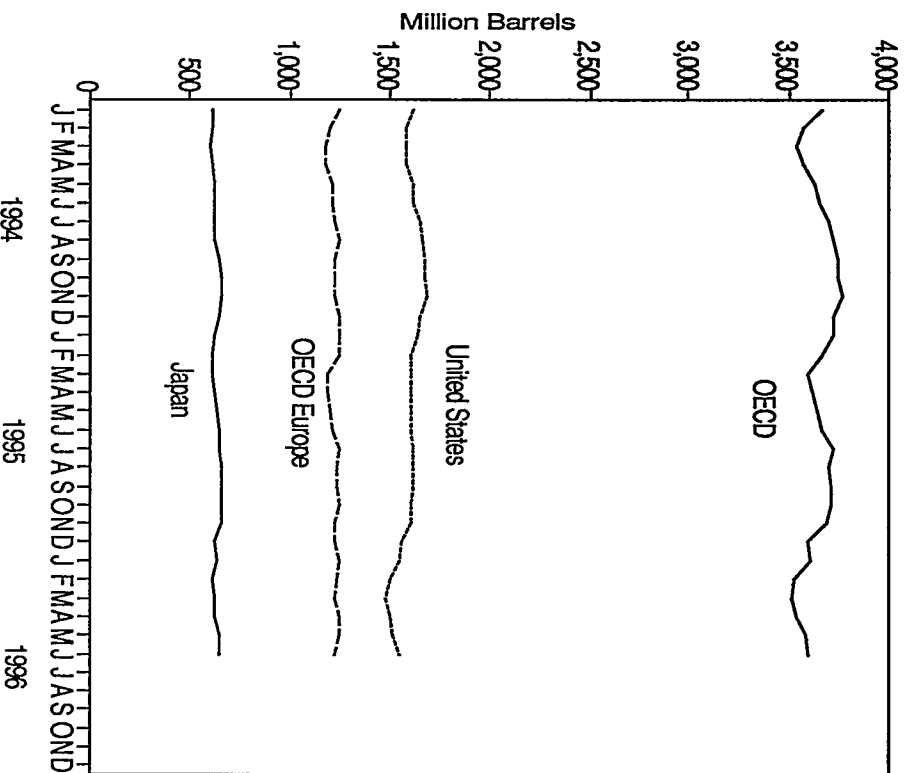
Source: Tables 1.1a-1.1c

Figure 3. OECD Oil Consumption, Monthly



Source: Table 1.7

Figure 4. OECD Oil Stocks, Monthly



Source: Table 1.5

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

	Algeria	Gabon	Indo- nesia	Iran	Iraq	Kuwait ¹ /Libya	Nigeria	Qatar	Saudi Arabia ¹ /Emirates	United Arab Emirates	Vene- zuela	Total OPEC
1985 Average.....	1,037	172	1,325	2,250	1,433	1,023	1,059	1,495	3,388	1,193	1,677	16,353
1986 Average.....	945	166	1,390	2,035	1,690	1,419	1,034	1,467	4,870	1,330	1,787	18,441
1987 Average.....	1,048	155	1,343	2,298	2,079	1,585	972	1,341	4,265	1,541	1,752	18,672
1988 Average.....	1,040	159	1,342	2,240	2,685	1,492	1,175	1,450	5,086	1,565	1,903	20,483
1989 Average.....	1,095	208	1,409	2,810	2,897	1,783	1,150	1,716	5,064	1,860	1,907	22,279
1990 Average.....	1,175	270	1,462	3,088	2,040	1,175	1,375	1,810	6,410	2,117	2,375	23,465
1991 Average.....	1,230	294	1,592	3,312	305	1,190	1,483	1,892	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	1,943	8,332	2,266	2,371	24,695
1993 Average.....	1,162	313	1,511	3,540	512	1,852	1,361	1,960	8,198	2,159	2,450	25,431
1994 Average.....	1,180	329	1,514	3,635	553	2,034	1,378	2,037	8,147	2,263	2,588	26,101
1995 January.....	1,180	335	1,520	3,585	555	2,070	1,390	2,000	8,120	2,280	2,600	26,090
February.....	1,180	335	1,500	3,685	555	2,070	1,390	1,980	8,220	2,280	2,600	26,270
March.....	1,180	335	1,510	3,485	555	2,060	1,390	1,890	8,110	2,280	2,600	25,880
April.....	1,180	335	1,510	3,635	555	2,070	1,390	2,050	8,220	2,280	2,670	26,380
May.....	1,180	335	1,510	3,835	555	2,050	1,390	2,080	8,400	2,280	2,790	26,890
June.....	1,180	335	1,510	3,585	555	2,050	1,390	1,960	8,100	2,280	2,790	26,220
July.....	1,210	350	1,510	3,635	555	2,060	1,390	1,980	8,410	2,280	2,790	26,540
August.....	1,210	350	1,510	3,685	555	2,075	1,390	2,035	8,425	2,280	2,790	26,790
September.....	1,210	350	1,510	3,635	555	2,035	1,390	2,040	8,315	2,280	2,790	26,595
October.....	1,210	350	1,560	3,735	555	2,065	1,390	2,060	8,315	2,280	2,840	26,845
November.....	1,220	350	1,560	3,635	555	2,070	1,390	2,110	8,020	2,280	2,840	26,525
December.....	1,220	350	1,560	3,685	555	2,015	1,390	2,145	8,110	2,215	2,890	26,630
1995 Average.....	1,197	341	1,523	3,643	555	2,057	1,390	2,028	8,231	2,274	2,750	26,473
1996 January.....	1,220	360	1,540	3,735	555	2,038	1,400	2,160	8,118	2,290	2,940	26,855
February.....	1,220	360	1,540	3,685	555	2,057	1,400	2,180	8,248	2,265	2,940	26,950
March.....	1,210	370	1,540	3,715	555	2,057	1,400	2,190	8,248	2,285	2,990	27,060
April.....	1,230	370	1,530	3,685	555	2,067	1,400	2,160	8,088	2,250	2,990	26,830
May.....	1,245	370	1,530	3,635	555	2,055	1,400	2,200	8,135	2,275	2,990	26,895
June.....	1,250	370	1,550	3,685	555	2,065	1,400	2,200	8,195	2,270	2,990	27,035
July.....	1,250	370	1,520	3,685	555	2,065	1,400	2,170	8,295	2,260	3,040	27,115
August.....	1,250	370	1,540	3,715	555	2,040	1,400	2,190	8,220	2,260	3,090	27,135
1996 Average.....	1,234	368	1,536	3,693	555	2,055	1,400	2,181	8,193	2,269	2,997	26,985

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 August 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 440 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/	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	580	710	1,754	2,980	560	400
June.....	2,480	1,855	4,486	660	720	595	750	1,847	2,980	605	390
July.....	2,765	2,350	5,253	660	720	600	760	1,843	2,980	615	385
August.....	2,560	2,405	5,107	660	720	600	760	1,805	3,015	620	375
September.....	2,775	2,655	5,581	655	720	605	730	1,890	3,070	645	390
October.....	3,030	2,740	5,924	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	1,755	3,195	605	390
June.....	3,150	2,457	5,719	715	750	R575	805	1,815	3,205	605	390
July.....	3,201	2,537	5,884	715	R760	R600	R795	R1,840	3,160	R615	390
August.....	3,022	2,385	5,559	715	760	600	795	1,870	3,160	630	390
1996 Average.....	3,093	2,519	5,753	711	739	583	792	1,801	3,126	617	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	Former U.S.S.R.	Syria	United States	Other ¹ /	World
1985 Average.....	887	620	440	2,745	498	--	11,585	178	8,971	53,982
1986 Average.....	813	630	504	2,435	560	--	11,895	194	8,680	56,227
1987 Average.....	896	609	497	2,548	582	--	12,050	230	8,349	56,666
1988 Average.....	848	635	540	2,512	617	--	12,053	265	8,140	58,737
1989 Average.....	865	700	585	2,520	641	--	11,715	340	7,613	59,863
1990 Average.....	873	660	619	2,553	685	--	10,975	388	7,355	60,566
1991 Average.....	874	615	646	2,680	700	--	9,992	492	7,417	60,207
1992 Average.....	881	561	653	2,669	740	7,632	--	481	7,171	60,216
1993 Average.....	890	534	640	2,673	776	6,730	--	554	6,847	60,246
1994 Average.....	896	590	645	2,689	815	6,135	--	560	6,662	61,358
1995										
January.....	920	695	650	2,680	845	5,675	--	615	6,682	61,633
February.....	920	685	680	2,645	845	5,860	--	615	6,794	62,148
March.....	920	695	680	2,670	845	5,675	--	615	6,600	61,409
April.....	920	700	680	2,670	850	5,767	--	610	6,604	62,206
May.....	920	715	680	2,680	850	5,860	--	610	6,629	62,205
June.....	920	720	680	2,700	850	5,856	--	610	6,579	61,340
July.....	920	720	690	2,705	850	5,776	--	610	6,449	62,304
August.....	920	715	690	2,710	850	5,820	--	610	6,447	62,421
September.....	920	720	690	2,740	850	5,789	--	610	6,416	62,825
October.....	920	690	690	1,900	860	5,798	--	605	6,421	62,489
November.....	920	685	690	2,555	860	5,662	--	605	6,585	62,695
December.....	920	700	690	2,765	860	5,684	--	605	6,530	63,084
1995 Average.....	920	703	682	2,618	851	5,768	--	610	6,560	62,230
1996										
January.....	920	675	680	2,795	865	5,864	--	605	RE6,495	R63,378
February.....	920	700	680	2,800	865	5,970	--	605	RE6,550	R63,752
March.....	920	665	680	2,870	870	5,856	--	605	RE6,516	R63,573
April.....	920	685	700	2,860	880	5,864	--	600	RE6,479	R63,519
May.....	920	660	700	2,875	880	5,891	--	600	RE6,443	R63,530
June.....	920	RE650	700	2,880	880	5,864	--	600	RE6,502	R63,851
July.....	920	RE650	700	2,870	880	5,838	--	600	RE6,383	R63,973
August.....	920	650	700	2,830	880	5,834	--	600	PE6,434	63,726
1996 Average.....	920	667	693	2,848	875	5,872	--	602	PE6,475	63,662

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
August.....	820	370	1,360	3,680	550	2,040	1,400	2,040	470	8,220	2,180	3,050	26,180
1996 Average...	804	368	1,356	3,658	550	2,055	1,400	2,031	468	8,193	2,189	2,957	26,030

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 August 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 440 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	700	410	1,794	1,085	1,281	1,455	5,580
May.....	145	554	460	705	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	485	695	410	1,836	1,080	1,276	1,450	5,566
July.....	145	610	R440	705	410	R1,834	1,090	1,286	1,460	R5,579
August.....	145	625	335	700	410	R1,818	1,085	1,281	1,455	5,453
1996 Average.....	145	590	453	696	410	R1,793	1,081	1,277	1,451	5,534

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/}	OAPEC ^{3/}	OPEC ^{3/}	World
1985 Average.....	11,192	10,320	11,498	17,324	59,264
1986 Average.....	10,905	12,441	13,653	19,477	61,771
1987 Average.....	10,648	12,869	13,992	19,745	62,429
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	R70,945
February.....	E9,299	18,467	19,200	28,462	R71,216
March.....	E9,437	18,517	19,211	28,572	R71,271
April.....	E9,451	18,297	19,038	28,332	R71,246
May.....	E9,411	18,307	19,108	28,397	R71,213
June.....	E9,414	18,427	19,183	28,542	R71,469
July.....	RE9,351	18,527	19,283	28,632	R71,662
August.....	PE9,361	18,452	19,178	28,647	71,263
1996 Average.....	PE9,382	18,422	19,158	28,493	71,285

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

2/ See Appendix A for countries in this group.

3/ OAPEC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in 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	Germany1/	United Kingdom	OECD Europe2/	United States3/	Canada	Japan	Other4/	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	603	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	606	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	R1,250	1,643	121	631	69	R3,714
February.....	164	163	316	114	R1,250	1,608	121	613	64	R3,655
March.....	152	159	R304	105	R1,189	1,601	R124	R619	68	R3,601
April.....	156	159	306	107	1,194	1,601	122	626	71	3,614
May.....	153	161	304	112	1,204	1,612	119	635	72	3,641
June.....	166	168	301	102	R1,208	1,609	R128	R640	73	R3,658
July.....	160	171	304	110	R1,242	1,624	129	651	77	3,723
August.....	160	174	303	109	R1,240	1,614	119	654	72	R3,698
September.....	162	163	301	110	R1,234	1,620	120	R658	77	R3,708
October.....	162	165	304	111	R1,242	1,607	123	664	72	3,706
November.....	160	159	297	110	R1,225	1,604	123	663	72	3,685
December.....	159	162	301	R107	R1,228	1,563	R109	R630	R71	R3,601
1996 January.....	154	157	301	107	1,240	1,543	105	638	76	3,604
February.....	156	156	298	103	1,234	1,500	105	615	67	3,520
March.....	157	153	296	106	R1,222	1,482	R108	627	R71	3,510
April.....	165	150	298	109	1,240	1,501	108	622	72	3,543
May.....	163	157	295	105	1,248	1,519	104	641	73	3,585
June.....	160	158	296	104	1,233	1,546	104	647	72	3,601

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 June 1996)
(Million Barrels)

Country	Commercial	Government Owned	Total
Canada.....	104	0	104
United States ¹ /.....	962	584	1,546
United States Territories.....	23	0	23
Japan.....	347	300	647
Australia/New Zealand.....	49	NA	49
Austria.....	21	0	21
Belgium/Luxembourg.....	29	0	29
Denmark.....	25	0	25
Finland.....	28	0	28
France.....	160	0	160
Germany ² /.....	241	55	296
Greece.....	25	NA	25
Ireland.....	5	2	7
Italy.....	152	6	158
Netherlands.....	86	0	86
Norway.....	58	0	58
Portugal.....	21	0	21
Spain.....	94	0	94
Sweden.....	27	0	27
Switzerland.....	45	0	45
Turkey.....	49	0	49
United Kingdom.....	104	0	104
OECD Europe.....	1,170	63	1,233
Total OECD.....	2,653	948	3,601

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	Germany1/	United Kingdom	OECD Europe2/	United States3/	Canada	Japan	Other4/	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	1,646	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....	R1,948	R2,027	R2,709	1,763	R13,710	17,219	R1,666	R6,031	R1,153	R39,779
February....	R1,894	R2,212	R2,791	R1,962	R14,120	18,279	R1,869	R6,772	R1,213	R42,252
March....	R2,001	R2,055	R3,186	1,981	R14,778	17,484	R1,692	R6,332	R1,275	R41,560
April....	R1,833	R1,915	R2,884	1,797	R13,791	17,142	R1,542	R5,554	R1,200	R39,230
May....	R1,762	R1,893	R2,936	R1,786	R13,521	17,293	R1,707	R5,026	R1,291	R38,839
June....	R1,845	R1,970	R2,874	1,818	R13,903	18,131	R1,736	R4,971	R1,260	R40,001
July....	R1,932	R1,925	R2,838	1,745	R13,572	17,147	R1,739	R5,087	1,200	R38,744
August....	R1,786	R1,801	R2,916	R1,803	R13,722	18,044	R1,837	5,566	R1,249	R40,420
September....	R1,887	R2,043	R2,956	1,826	R14,200	18,026	R1,809	R5,378	R1,260	R40,673
October....	R1,869	R2,119	R2,753	1,849	R14,154	17,651	R1,794	R5,126	R1,189	R39,914
November....	R1,956	R2,279	R2,919	R2,018	R15,009	17,979	R1,823	R5,882	R1,196	R41,889
December....	R2,031	R2,192	R2,740	R1,769	R14,513	18,366	R1,857	R6,872	R1,234	R42,843
Average....	R1,895	R2,034	R2,875	1,842	R14,081	17,725	R1,755	R5,711	R1,227	R40,498
1996										
January....	R1,889	R2,076	R2,900	R1,759	R14,089	18,212	R1,765	R6,211	R1,164	R41,441
February....	R2,194	R2,220	R3,032	R1,914	R15,107	18,498	R1,870	R6,762	R1,193	R43,430
March....	R1,989	R2,146	R2,862	R1,856	R14,301	18,180	R1,708	R6,320	R1,168	R41,677
April....	1,929	R1,910	R2,746	1,850	R14,004	17,837	R1,630	5,625	R1,168	R40,264
May....	1,819	R1,837	R2,856	R1,841	R13,620	17,857	R1,709	R5,030	R1,126	R39,342
June....	1,838	1,883	2,827	1,765	13,599	18,049	1,673	4,968	1,152	39,442

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, September 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, September 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, September 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			Quarter			Quarter		
	Average			First			Second			Third			Fourth		
Supply1/ OECD															
United States2/	9.77	9.60	9.41	9.50	9.45	9.27	9.38	9.40	9.36	9.43	9.43	9.36	9.43	9.43	NA
Other OECD	8.09	8.40	9.30	9.82	9.43	9.73	10.32	9.83	10.17	10.13	10.13	10.17	10.13	10.13	NA
Total OECD	17.85	18.00	18.71	19.32	18.88	19.00	19.70	19.23	19.53	19.55	19.55	19.53	19.55	19.55	NA
Non-OECD															NA
OPEC	26.12	26.92	27.63	27.58	28.01	28.17	28.18	27.99	28.46	28.42	28.42	28.46	28.42	28.42	NA
Former USSR	8.93	7.96	7.27	6.92	7.03	6.99	6.90	6.96	7.10	7.08	7.08	7.10	7.08	7.08	NA
Other Non-OECD	14.03	14.46	14.97	15.49	15.55	15.88	15.57	15.62	16.04	16.25	16.25	16.04	16.25	16.25	NA
Total Non-OECD	49.08	49.34	49.87	49.99	50.59	51.04	50.64	50.57	51.61	51.75	51.75	51.61	51.75	51.75	NA
Total World Supply	66.94	67.34	68.59	69.31	69.46	70.05	70.35	69.80	71.14	71.31	71.31	71.14	71.31	71.31	NA
Demand3/ OECD															NA
United States2/	17.03	17.24	17.72	17.64	17.52	17.74	18.00	17.72	18.29	17.91	17.91	18.29	17.91	17.91	NA
Other OECD	21.74	21.73	22.17	23.52	21.83	22.20	23.55	22.77	23.87	21.76	21.76	23.87	21.76	21.76	NA
Total OECD	38.77	38.97	39.89	41.16	39.35	39.94	41.54	40.50	42.16	39.68	39.68	42.16	39.68	39.68	NA
Non-OECD															NA
China	2.66	2.96	3.18	3.33	3.36	3.38	3.41	3.37	3.53	3.56	3.56	3.53	3.56	3.56	NA
Former USSR	6.79	5.45	4.83	5.10	4.60	4.60	4.70	4.75	5.05	4.65	4.65	5.05	4.65	4.65	NA
Other Non-OECD	18.35	18.83	20.78	21.61	21.21	21.11	22.32	21.56	22.43	22.02	22.02	22.43	22.02	22.02	NA
Total Non-OECD	27.81	27.23	28.79	30.04	29.17	29.09	30.43	29.68	31.01	30.23	30.23	31.01	30.23	30.23	NA
Total World Demand	66.57	66.20	68.68	71.20	68.52	69.03	71.97	70.18	73.17	69.90	69.90	73.17	69.90	69.90	NA
Stock Draws / Discrepancy															NA
Net Reported Stock Draws4/															NA
U. S. Commercial	.05	-.12	.00	.58	-.09	-.12	.62	.25	.86	-.75	-.75	.86	-.75	-.75	NA
U. S. Strategic	-.04	-.03	-.01	.00	.00	.00	.00	.00	.03	.05	.05	.03	.05	.05	NA
Other OECD	-.42	-.05	-.16	.81	-.53	-.43	.55	.09	.11	-.31	-.31	.11	-.31	-.31	NA
For Export & Afloat	-.03	-.04	.03	-.22	.05	-.54	.22	-.12	-.44	-.11	-.11	-.44	-.11	-.11	NA
Commr. Floating Storage	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	NA
Total Reported Draws	-.39	-.24	-.15	1.16	-.57	-1.09	1.38	.22	.56	-1.11	-1.11	.56	-1.11	-1.11	NA
Other Stock Draws and															NA
Statistical Discrepancy5/	.03	-.90	.25	.73	-.38	.08	.25	.17	1.46	-.29	-.29	1.46	-.29	-.29	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.

Table 2.2 World Oil Supply, 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			
OECD																				
United States ^{1/} ...	9.77	9.60	9.41	9.50	9.45	9.27	9.38	9.40	9.36	9.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Canada.....	2.13	2.24	2.38	2.43	2.42	2.45	2.48	2.44	2.40	2.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
North Sea ^{2/}	4.44	4.67	5.38	5.81	5.43	5.68	6.31	5.81	6.23	6.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other OECD.....	1.52	1.48	1.54	1.58	1.57	1.60	1.54	1.57	1.55	1.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total OECD.....	17.85	18.00	18.71	19.32	18.88	19.00	19.70	19.23	19.53	19.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-OECD																				
OPEC																				
Crude																				
Algeria.....	1.21	1.16	1.18	1.18	1.18	1.21	1.22	1.20	1.22	1.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gabon.....	0.30	0.31	0.33	0.33	0.33	0.34	0.35	0.34	0.36	0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indonesia.....	1.50	1.51	1.51	1.51	1.51	1.51	1.56	1.52	1.54	1.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iran.....	3.43	3.54	3.64	3.58	3.69	3.62	3.69	3.64	3.71	3.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iraq.....	0.42	0.51	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Kuwait.....	1.06	1.85	2.03	2.07	2.06	2.06	2.05	2.06	2.05	2.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Libya.....	1.43	1.36	1.38	1.39	1.39	1.39	1.39	1.39	1.40	1.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nigeria.....	1.94	1.96	2.04	1.96	2.03	2.02	2.10	2.03	2.18	2.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Qatar.....	0.42	0.41	0.44	0.47	0.48	0.48	0.49	0.48	0.50	0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Saudi Arabia..	8.33	8.20	8.15	8.15	8.24	8.38	8.15	8.23	8.20	8.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
United Arab Emirates...	2.27	2.16	2.26	2.28	2.28	2.28	2.26	2.27	2.28	2.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Venezuela.....	2.37	2.45	2.59	2.60	2.75	2.79	2.86	2.75	2.96	2.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Gas																				
Plant Liquids	1.36	1.44	1.47	1.45	1.46	1.47	1.45	1.46	1.45	1.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Processing Gain.	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total OPEC.....	26.12	26.92	27.63	27.58	28.01	28.17	28.18	27.99	28.46	28.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Former USSR.....	8.93	7.96	7.27	6.92	7.03	6.99	6.90	6.96	7.10	7.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
China.....	2.84	2.89	2.94	2.98	2.99	3.02	3.07	3.02	3.09	3.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mexico.....	3.15	3.16	3.18	3.13	3.16	3.21	2.86	3.09	3.32	3.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Non-OECD....	8.04	8.41	8.85	9.38	9.40	9.65	9.63	9.52	9.63	9.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Non-OECD....	49.08	49.34	49.87	49.99	50.59	51.04	50.64	50.57	51.61	51.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Supply.....	66.94	67.34	68.59	69.31	69.46	70.05	70.35	69.80	71.14	71.31	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/ North Sea includes the United Kingdom Offshore, Norway, Denmark, Netherlands Offshore, and Germany Offshore.

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

Sources: See end of Section 2.

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

	1992				1993				1994				1995				1996			
	Year End												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/}	1,017	1,060	1,061	1,009	1,017	1,028	971	893	962	NA	NA	NA	971	980	1,020	1,030	962	1,030	NA	NA
Commercial.....	575	587	592	592	592	592	592	592	584	584	584	584	584	584	584	584	584	584	584	584
Strategic.....	24	25	26	23	26	25	24	22	23	23	23	23	22	22	22	22	22	22	22	22
U. S. Territories.....	107	105	119	124	128	120	109	108	104	104	104	104	108	108	108	108	104	104	104	104
Canada.....	603	618	645	619	640	658	630	627	647	647	647	647	627	627	627	627	647	647	647	647
Japan.....																				
OECD Europe																				
France.....	146	158	158	152	166	162	159	157	160	160	160	160	157	157	157	157	160	160	160	160
Germany.....	310	309	312	304	301	301	301	296	296	296	296	296	296	296	296	296	296	296	296	296
Italy.....	174	163	164	159	168	163	162	153	158	158	158	158	153	153	153	153	158	158	158	158
United Kingdom.....	113	118	115	105	102	110	107	106	104	104	104	104	106	106	106	106	104	104	104	104
Other OECD Europe.....	476	475	490	469	471	498	499	510	515	515	515	515	510	510	510	510	515	515	515	515
Total.....	1,219	1,221	1,240	1,189	1,208	1,234	1,228	1,222	1,233	1,233	1,233	1,233	1,222	1,222	1,222	1,233	1,233	1,233	1,233	1,233
Australia & New Zealand	43	44	43	45	47	52	47	49	49	49	49	49	49	49	49	49	49	49	49	49
Total OECD.....	3,588	3,661	3,726	3,601	3,658	3,708	3,601	3,510	3,601	3,601	3,601	3,601	3,510	3,510	3,510	3,601	3,601	3,601	3,601	3,601
Stocks for Export																				
and Afloat ^{2/}	930	945	935	955	950	1,000	980	1,020	1,030	1,030	1,030	1,030	1,020	1,020	1,020	1,030	1,030	1,030	1,030	1,030
Commercial Floating ^{3/}	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70

^{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			
OECD																				
United States ^{1/}	17.03	17.24	17.72	17.64	17.52	17.74	18.00	17.72	18.29	17.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. S. Territories.....	.22	.24	.26	.24	.26	.25	.20	.24	.21	.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Canada.....	1.64	1.69	1.73	1.74	1.66	1.79	1.82	1.76	1.78	1.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Japan.....	5.45	5.40	5.67	6.37	5.18	5.34	5.96	5.71	6.42	5.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OECD Europe ^{2/}																				
France.....	1.93	1.88	1.83	1.95	1.81	1.87	1.95	1.90	2.02	1.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Italy.....	1.94	1.85	1.84	2.09	1.93	1.92	2.20	2.03	2.15	1.88	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	1.84	1.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Germany ^{3/}	2.84	2.90	2.88	2.90	2.90	2.90	2.80	2.88	2.93	2.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other OECD Europe....	5.10	5.08	5.21	5.36	5.30	5.34	5.73	5.43	5.55	5.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total OECD Europe....	13.60	13.52	13.60	14.21	13.74	13.83	14.55	14.08	14.49	13.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Australia & New Zealand	.82	.88	.92	.97	.99	.99	1.00	.99	.97	.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total OECD.....	38.77	38.97	39.89	41.16	39.35	39.94	41.54	40.50	42.16	39.68	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	3.56	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	4.65	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	22.02	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	30.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total World Demand.....	66.57	66.20	68.68	71.20	68.52	69.03	71.97	70.18	73.17	69.90	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, September 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, September 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, September 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 Average)
(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	20.718	7.227	-0.969	1.721	2.699	1.820	1.955	7.883	-0.756	5.716	0.647
Imports from OPEC ^{5/}	15.685	6.119	.254	.919	.715	1.203	3.028	4.208	.255	4.472	.630
Imports from Persian Gulf ^{6/}											
Total	9.269	3.324	.135	.647	.172	.494	1.875	1.563	.070	3.979	.334
Bahrain	.030	.000	.000	.000	.000	.000	.000	-.003	-	.029	.004
Iran	1.549	1.147	.023	.208	.031	.233	.652	.000	.002	.399	.001
Iraq	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait	.997	.269	.039	.022	.015	.000	.193	.218	.000	.501	.009
U.A.E.	1.508	.006	.000	.002	.000	.000	.004	.004	.000	1.420	.078
Qatar	.359	.002	.000	.000	.000	.002	.000	.000	-	.335	.023
Saudi Arabia	4.826	1.899	.073	.416	.125	.260	1.025	1.344	.069	1.296	.218
Imports from OPEC-Africa											
Total	3.896	2.506	.065	.270	.465	.679	1.027	1.088	.098	.032	.172
Algeria	1.022	.711	.018	.103	.135	.100	.355	.234	.041	.011	.025
Gabon	.287	.033	.000	.008	.004	.000	.020	.229	.000	.005	.020
Libya	1.194	1.194	.032	.043	.234	.562	.323	.000	.000	-	.000
Nigeria	1.394	.569	.015	.115	.093	.017	.329	.625	.058	.016	.126
Imports from OPEC-South America											
Total	1.880	.273	.054	.002	.078	.014	.125	1.468	.087	.002	.051
Venezuela	1.880	.273	.054	.002	.078	.014	.125	1.468	.087	.002	.051
Imports from OPEC-Far East											
Total	.669	.017	.000	.000	.000	.015	.001	.087	.000	.488	.078
Indonesia	.669	.017	.000	.000	.000	.015	.001	.087	.000	.488	.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. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.2 Net Oil Imports into OECD Countries, (2nd Quarter 1996)
(Million Barrels per Day)

	Total	OECD Europe					OECD Outside Europe				
		Total	United Kingdom	France	Germany1/	Italy	Other Europe2/	United States3/	Canada	Japan	Other4/
Total Net Imports..	20.983	6.788	-0.811	1.646	2.665	1.678	1.611	8.812	-0.802	5.513	0.671
Imports from OPEC5/	15.581	5.920	.256	.889	.652	1.150	2.972	4.420	.258	4.267	.717
Imports from Persian Gulf6/											
Total.....	9.079	3.160	.106	.555	.149	.440	1.910	1.579	.153	3.854	.333
Bahrain.....	.044	.000	.000	.000	.000	.000	.000	-.001	-	.038	.007
Iran.....	1.582	1.135	.029	.167	.017	.212	.710	.000	.043	.404	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	1.011	.257	.039	.020	.013	.000	.184	.273	.000	.477	.005
U.A.E.....	1.398	.000	.000	.000	.000	.000	.000	-.010	.000	1.320	.088
Qatar.....	.387	.000	.000	.000	.000	.000	.000	.000	-	.362	.025
Saudi Arabia.....	4.657	1.769	.038	.368	.120	.227	1.015	1.317	.110	1.252	.209
Imports from OPEC-Africa											
Total.....	3.964	2.509	.104	.334	.434	.682	.955	1.125	.071	.023	.235
Algeria.....	1.047	.683	.014	.122	.142	.098	.307	.286	.047	.014	.017
Gabon.....	.287	.014	.000	.011	.000	.000	.003	.194	.000	.000	.078
Libya.....	1.168	1.168	.040	.029	.220	.571	.307	.000	.000	-	.000
Nigeria.....	1.463	.644	.050	.172	.072	.013	.338	.645	.025	.009	.139
Imports from OPEC-South America											
Total.....	1.983	.237	.046	.000	.069	.015	.107	1.657	.034	.003	.052
Venezuela.....	1.983	.237	.046	.000	.069	.015	.107	1.657	.034	.003	.052
Imports from OPEC-Far East											
Total.....	.598	.014	.000	.000	.000	.014	.000	.057	.000	.424	.103
Indonesia.....	.598	.014	.000	.000	.000	.014	.000	.057	.000	.424	.103

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, (1st Quarter 1996)
(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..	20.862	6.848	-0.915	1.724	2.773	1.842	1.424	7.861	-0.760	6.272	0.642
Imports from OPEC ^{5/}	16.100	6.139	.226	.910	.681	1.288	3.035	4.135	.323	4.851	.652
Imports from Persian Gulf ^{6/}											
Total.....	9.463	3.328	.131	.613	.100	.547	1.936	1.472	.126	4.289	.248
Bahrain.....	.039	.001	.000	.000	.000	.001	.000	-.002	-	.038	.002
Iran.....	1.665	1.164	.028	.205	.012	.287	.632	.000	.000	.501	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	1.074	.341	.040	.000	.013	.000	.288	.163	.038	.522	.010
U.A.E.....	1.469	.003	.000	.000	.000	.000	.002	-.007	.000	1.429	.045
Qatar.....	.398	.006	.000	.000	.000	.006	.000	.000	-	.379	.013
Saudi Arabia.....	4.818	1.813	.063	.408	.075	.253	1.014	1.319	.088	1.421	.177
Imports from OPEC-Africa											
Total.....	4.123	2.604	.058	.294	.546	.715	.991	1.063	.132	.068	.256
Algeria.....	1.084	.747	.021	.079	.184	.106	.358	.252	.067	.011	.007
Gabon.....	.279	.033	.000	.023	.010	.000	.000	.172	.000	.016	.058
Libya.....	1.213	1.213	.028	.048	.262	.589	.287	.000	.000	-	.000
Nigeria.....	1.547	.611	.010	.144	.090	.020	.346	.639	.066	.041	.191
Imports from OPEC-South America											
Total.....	1.845	.181	.036	.003	.034	.000	.108	1.547	.065	.002	.051
Venezuela.....	1.845	.181	.036	.003	.034	.000	.108	1.547	.065	.002	.051
Imports from OPEC-Far East											
Total.....	.708	.027	.000	.000	.000	.027	.000	.051	.000	.530	.101
Indonesia.....	.708	.027	.000	.000	.000	.027	.000	.051	.000	.530	.101

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

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

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

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

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

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

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

*A dash (-) indicates no trade. *Zeros (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						
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total.....	21.305	20.733	21.570	20.295	20.597	20.510	21.038	20.133	21.454	21.661	21.298	19.978
United States ¹ /.....	7.950	8.203	8.921	7.614	8.050	7.489	8.202	7.240	8.101	8.381	9.023	9.025
Canada.....	-717	-684	-617	-698	-732	-995	-940	-689	-647	-829	-799	-779
OECD Europe ² /.....	7.802	7.147	7.152	7.248	6.923	7.531	6.864	7.000	6.775	7.634	6.753	5.979
Main European Importers												
France.....	1.917	1.504	1.745	1.638	1.713	1.778	1.596	1.818	1.764	1.928	1.556	1.457
Germany ³ /.....	2.762	2.747	2.716	2.751	2.559	2.704	2.782	2.854	2.689	2.628	2.657	2.709
Italy.....	1.753	1.764	1.588	1.925	1.862	1.992	1.934	1.769	1.817	1.689	1.724	1.618
Spain.....	1.188	1.083	1.243	1.386	1.247	1.249	1.062	1.137	1.085	1.210	1.150	1.199
Netherlands.....	.891	.936	.864	.651	.459	.685	.774	.626	.540	.840	.778	.717
European Net Exporters												
Norway.....	-2.609	-2.833	-2.720	-3.046	-3.059	-2.944	-3.050	-3.308	-2.972	-3.180	-2.954	-3.391
United Kingdom....	-1.265	-.850	-1.026	-.964	-1.007	-.904	-.993	-.970	-.785	-.721	-.865	-.846
Smaller European Importers												
Austria.....	.185	.155	.158	.190	.192	.211	.192	.205	.187	.232	.198	.212
Belgium.....	.492	.508	.463	.466	.520	.545	.530	.697	.548	.587	.538	.460
Denmark.....	.056	.054	.023	.027	.038	.062	.005	.044	.033	.074	.013	.059
Ireland.....	.127	.126	.097	.120	.113	.107	.115	.105	.111	.135	.142	.108
Finland.....	.221	.160	.107	.139	.211	.202	.052	.084	.064	.278	.134	.080
Greece.....	.346	.297	.295	.367	.461	.315	.332	.347	.365	.426	.317	.336
Iceland.....	.018	.020	.011	.014	.019	.007	.017	.011	.014	.005	.004	.009
Luxembourg.....	.030	.034	.037	.038	.036	.035	.040	.042	.037	.041	.039	.037
Portugal.....	.361	.239	.302	.347	.262	.289	.274	.272	.215	.320	.242	.201
Sweden.....	.427	.398	.257	.380	.433	.364	.330	.314	.387	.312	.289	.278
Switzerland.....	.269	.271	.264	.245	.255	.232	.249	.258	.235	.238	.251	.285
Turkey.....	.632	.533	.728	.572	.608	.600	.622	.694	.442	.590	.559	.485
Japan.....	5.492	5.514	5.391	5.528	5.722	5.880	6.125	6.081	6.596	5.769	5.589	5.179
Other OECD.....	.779	.554	.722	.604	.634	.605	.787	.501	.630	.706	.732	.575

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					
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total.....	15.841	15.273	16.169	16.110	15.922	15.884	16.006	15.891	16.390	15.968	15.687	15.085
United States1/.....	4.328	4.130	4.747	4.178	4.408	4.076	4.247	3.866	4.274	4.181	4.615	4.457
Canada.....	.279	.191	.283	.274	.351	.204	.390	.293	.284	.191	.203	.382
OECD Europe2/.....	6.345	6.056	6.289	6.471	5.902	6.448	5.860	6.468	6.111	6.241	5.885	5.635
Main European Importers												
France.....	1.221	.731	.925	1.059	.774	.836	.803	.918	1.009	.958	.928	.781
Germany3/.....	.657	.775	.694	.757	.498	.646	.708	.665	.669	.684	.648	.623
Italy.....	1.069	1.283	1.132	1.350	1.247	1.428	1.161	1.365	1.341	1.199	1.072	1.182
Spain.....	.692	.719	.824	.788	.960	.982	.722	.701	.828	.748	.728	.859
Netherlands.....	.849	.860	.968	.851	.926	.821	.724	.917	.602	.776	.722	.610
European Net Exporters												
Norway.....	.000	.000	.000	.007	.001	.000	.001	.000	.000	.000	.009	.000
United Kingdom.....	.262	.278	.271	.257	.224	.251	.236	.222	.220	.216	.305	.247
Smaller European Importers												
Austria.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Belgium.....	.272	.310	.304	.244	.235	.297	.328	.329	.267	.256	.283	.289
Denmark.....	.024	.037	.020	.024	.025	.025	.025	.026	.025	.051	.024	.000
Ireland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000
Greece.....	.336	.245	.202	.241	.284	.245	.196	.254	.289	.292	.313	.255
Portugal.....	.300	.161	.221	.199	.125	.201	.147	.194	.173	.313	.150	.134
Sweden.....	.103	.176	.064	.098	.019	.135	.171	.195	.194	.161	.136	.099
Switzerland.....	.062	.098	.089	.080	.093	.101	.107	.114	.086	.084	.082	.110
Turkey.....	.498	.384	.577	.515	.490	.480	.533	.567	.408	.502	.486	.445
Japan.....	4.265	4.374	4.124	4.426	4.584	4.475	4.800	4.660	5.079	4.589	4.309	3.900
Other OECD.....	.623	.522	.726	.761	.677	.682	.708	.605	.642	.767	.675	.710

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

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

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

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

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

Sources: See end of Section 3.

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

	1995						1996					
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total.....	9.239	9.004	9.422	9.564	9.367	9.249	9.472	9.307	9.599	9.501	9.125	8.610
United States ¹ /....	1.454	1.534	1.685	1.521	1.660	1.574	1.523	1.341	1.543	1.467	1.743	1.521
Canada.....	.067	.000	.144	.140	.068	.000	.179	.071	.125	.145	.122	.194
OECD Europe ² /.....	3.524	3.231	3.521	3.664	3.201	3.335	3.283	3.510	3.203	3.446	3.004	3.036
Main European Importers												
France.....	.840	.593	.655	.749	.530	.530	.600	.637	.604	.656	.545	.465
Germany ³ /.....	.197	.146	.174	.170	.088	.098	.102	.080	.118	.125	.134	.187
Italy.....	.445	.542	.469	.695	.505	.626	.494	.546	.601	.501	.307	.516
Spain.....	.235	.299	.363	.376	.409	.400	.322	.312	.353	.334	.354	.357
Netherlands.....	.579	.578	.683	.606	.645	.589	.532	.724	.457	.630	.542	.486
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom....	.135	.135	.149	.082	.143	.087	.180	.095	.116	.086	.113	.120
Smaller European Importers												
Austria.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Belgium.....	.244	.272	.280	.220	.215	.274	.319	.301	.242	.233	.254	.261
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Greece.....	.288	.220	.164	.222	.239	.232	.164	.221	.250	.259	.287	.216
Portugal.....	.189	.038	.143	.099	.039	.130	.081	.110	.051	.143	.036	.019
Sweden.....	.000	.110	.024	.077	.000	.088	.121	.137	.136	.113	.095	.067
Switzerland.....	.009	.009	.015	.010	.005	.000	.004	.000	.005	.005	.009	.010
Turkey.....	.363	.288	.403	.359	.383	.280	.363	.348	.270	.361	.326	.332
Japan.....	3.772	3.982	3.699	3.929	4.042	4.018	4.239	4.103	4.514	4.089	3.930	3.540
Other OECD.....	.423	.257	.372	.309	.395	.322	.249	.282	.213	.355	.326	.319

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

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

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

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *"Persian Gulf" consists of Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. *Negative numbers represent net exports.

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

Sources: See end of Section 3.

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

	1996											
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total Net Imports..	7.950	8.203	8.921	7.614	8.050	7.489	8.202	7.240	8.101	8.381	9.023	9.025
Imports from OPEC ¹ /	4.328	4.130	4.747	4.178	4.408	4.076	4.247	3.866	4.274	4.181	4.615	4.457
Imports from												
Persian Gulf ² /												
Total.....	1.454	1.534	1.685	1.521	1.660	1.574	1.523	1.341	1.543	1.467	1.743	1.521
Bahrain.....	-.004	-.004	-.003	.000	-.001	-.005	-.003	-.003	-.001	-.003	.000	.000
Iran.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.195	.180	.187	.250	.238	.215	.148	.216	.127	.201	.230	.388
U.A.E.....	-.002	.018	.027	.012	-.006	-.013	-.020	.000	-.002	-.019	-.005	-.005
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	1.265	1.340	1.474	1.259	1.429	1.377	1.398	1.128	1.419	1.288	1.518	1.138
Imports from												
OPEC-Africa												
Total.....	1.264	1.026	1.317	1.140	1.156	.975	1.174	1.024	.989	.941	1.192	1.241
Algeria.....	.257	.298	.250	.229	.241	.152	.313	.200	.241	.211	.333	.313
Gabon.....	.311	.246	.216	.270	.271	.171	.171	.191	.154	.212	.154	.218
Libya.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.696	.482	.851	.641	.644	.652	.690	.633	.594	.518	.705	.710
Imports from												
OPEC-South America												
Total.....	1.505	1.447	1.648	1.430	1.484	1.453	1.495	1.457	1.683	1.716	1.631	1.626
Venezuela.....	1.505	1.447	1.648	1.430	1.484	1.453	1.495	1.457	1.683	1.716	1.631	1.626
Imports from												
OPEC-Far East												
Total.....	.101	.119	.094	.087	.107	.069	.052	.041	.058	.054	.049	.069
Indonesia.....	.101	.119	.094	.087	.107	.069	.052	.041	.058	.054	.049	.069

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. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

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

	1995						1996					
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total Net Imports..	5.492	5.514	5.391	5.528	5.722	5.880	6.125	6.081	6.596	5.769	5.589	5.179
Imports from OPEC ¹ /	4.265	4.374	4.124	4.426	4.584	4.475	4.800	4.660	5.079	4.589	4.309	3.900
Imports from Persian Gulf ² /												
Total.....	3.772	3.982	3.699	3.929	4.042	4.018	4.239	4.103	4.514	4.089	3.930	3.540
Bahrain.....	.000	.064	.033	.008	.017	.031	.060	.022	.032	.026	.046	.043
Iran.....	.424	.389	.267	.439	.467	.300	.446	.564	.496	.477	.394	.342
Kuwait.....	.473	.529	.569	.512	.543	.514	.561	.455	.545	.500	.467	.464
U.A.E.....	1.264	1.326	1.285	1.520	1.430	1.488	1.427	1.314	1.538	1.498	1.235	1.230
Qatar.....	.313	.308	.368	.292	.363	.296	.330	.353	.452	.342	.400	.344
Saudi Arabia.....	1.298	1.366	1.177	1.158	1.223	1.389	1.414	1.395	1.452	1.245	1.389	1.117
Imports from												
OPEC-Africa												
Total.....	.037	.031	.038	.000	.062	.000	.073	.029	.098	.047	.018	.005
Algeria.....	.016	.031	.038	.000	.000	.000	.007	.008	.018	.031	.006	.005
Gabon.....	.021	.000	.000	.000	.000	.000	.026	.000	.020	.000	.000	.000
Nigeria.....	.000	.000	.000	.000	.062	.000	.039	.021	.060	.016	.012	.000
Imports from												
OPEC-South America												
Total.....	.000	.000	.000	.000	.000	.007	.006	.000	.000	.000	.010	.000
Venezuela.....	.000	.000	.000	.000	.000	.007	.006	.000	.000	.000	.010	.000
Imports from												
OPEC-Far East												
Total.....	.456	.426	.420	.505	.497	.481	.543	.549	.499	.479	.397	.398
Indonesia.....	.456	.426	.420	.505	.497	.481	.543	.549	.499	.479	.397	.398

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)

1996

1995

	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total Net Imports..	7.802	7.147	7.152	7.248	6.923	7.531	6.864	7.000	6.775	7.634	6.753	5.979
Imports from OPEC1/	6.345	6.056	6.289	6.471	5.902	6.448	5.860	6.468	6.111	6.241	5.885	5.635
Imports from												
Persian Gulf2/												
Total.....	3.524	3.231	3.521	3.664	3.201	3.335	3.283	3.510	3.203	3.446	3.004	3.036
Bahrain.....	.000	.000	.001	.001	.000	.000	.003	.000	.000	.000	.000	.000
Iran.....	1.219	1.142	1.200	1.261	1.095	1.244	1.061	1.259	1.178	1.140	1.068	1.198
Iraq.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.272	.273	.231	.226	.283	.295	.281	.447	.301	.300	.268	.202
U.A.E.....	.000	.000	.000	.016	.005	.000	.004	.004	.000	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.019	.000	.000	.000
Saudi Arabia.....	2.033	1.817	2.089	2.160	1.818	1.796	1.935	1.799	1.706	2.005	1.668	1.636
Imports from												
OPEC-Africa												
Total.....	2.561	2.517	2.494	2.523	2.428	2.809	2.419	2.725	2.676	2.514	2.616	2.393
Algeria.....	.663	.523	.807	.707	.697	.866	.683	.838	.727	.666	.670	.715
Gabon.....	.028	.030	.000	.012	.035	.030	.036	.061	.003	.000	.009	.033
Libya.....	1.223	1.272	1.159	1.146	1.093	1.284	1.200	1.184	1.254	1.243	1.181	1.078
Nigeria.....	.646	.591	.529	.658	.603	.629	.500	.642	.692	.606	.757	.567
Imports from												
OPEC-South America												
Total.....	.261	.291	.258	.270	.254	.286	.127	.215	.203	.274	.248	.188
Venezuela.....	.261	.291	.258	.270	.254	.286	.127	.215	.203	.274	.248	.188
Imports from												
OPEC-Far East												
Total.....	.000	.016	.017	.016	.018	.017	.035	.018	.028	.007	.017	.018
Indonesia.....	.000	.016	.017	.016	.018	.017	.035	.018	.028	.007	.017	.018

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

*See Section 4 for annual data.

Sources: See end of Section 3.

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

	1995						1996					
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total Net Imports..	1.917	1.504	1.745	1.638	1.713	1.778	1.596	1.818	1.764	1.928	1.556	1.457
Imports from OPEC1/	1.221	.731	.925	1.059	.774	.836	.803	.918	1.009	.958	.928	.781
Imports from Persian Gulf2/												
Total.....	.840	.593	.655	.749	.530	.530	.600	.637	.604	.656	.545	.465
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.277	.284	.159	.251	.203	.217	.227	.129	.254	.192	.145	.164
Kuwait.....	.000	.063	.000	.000	.002	.000	.000	.000	.000	.062	.000	.000
U.A.E.....	.000	.000	.000	.016	.000	.000	.000	.001	.000	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.563	.246	.496	.482	.324	.313	.372	.507	.351	.402	.401	.301
Imports from OPEC-Africa												
Total.....	.381	.137	.265	.311	.245	.307	.195	.282	.405	.303	.382	.316
Algeria.....	.124	.043	.115	.134	.120	.107	.061	.039	.134	.138	.112	.118
Gabon.....	.000	.000	.000	.000	.000	.030	.036	.034	.000	.000	.000	.033
Libya.....	.040	.047	.027	.046	.028	.022	.041	.037	.065	.026	.032	.028
Nigeria.....	.217	.048	.123	.131	.098	.149	.056	.172	.206	.138	.238	.137
Imports from OPEC-South America												
Total.....	.000	.000	.005	.000	.000	.000	.009	.000	.000	.000	.000	.000
Venezuela.....	.000	.000	.005	.000	.000	.000	.009	.000	.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					
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total Net Imports..	2.762	2.747	2.716	2.751	2.559	2.704	2.782	2.854	2.689	2.628	2.657	2.709
Imports from OPEC1/	.657	.775	.694	.757	.498	.646	.708	.665	.669	.684	.648	.623
Imports from Persian Gulf2/												
Total.....	.197	.146	.174	.170	.088	.098	.102	.080	.118	.125	.134	.187
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.046	.015	.030	.037	.011	.006	.018	.001	.018	.007	.004	.038
Kuwait.....	.010	.012	.010	.011	.019	.010	.014	.006	.018	.021	.012	.005
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.....	.141	.119	.134	.123	.058	.083	.070	.073	.082	.097	.117	.144
Imports from OPEC-Africa												
Total.....	.388	.565	.450	.507	.327	.488	.566	.536	.536	.468	.440	.394
Algeria.....	.071	.114	.165	.147	.106	.134	.208	.197	.148	.184	.162	.079
Gabon.....	.028	.001	.000	.012	.005	.000	.000	.027	.003	.000	.000	.000
Libya.....	.215	.289	.206	.261	.164	.280	.267	.262	.257	.263	.185	.214
Nigeria.....	.074	.161	.079	.087	.051	.074	.090	.050	.128	.021	.092	.101
Imports from OPEC-South America												
Total.....	.072	.064	.069	.080	.083	.060	.040	.049	.014	.091	.073	.042
Venezuela.....	.072	.064	.069	.080	.083	.060	.040	.049	.014	.091	.073	.042
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					
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total Net Imports..	1.753	1.764	1.588	1.925	1.862	1.992	1.934	1.769	1.817	1.689	1.724	1.618
Imports from OPEC ^{1/}	1.069	1.283	1.132	1.350	1.247	1.428	1.161	1.365	1.341	1.199	1.072	1.182
Imports from Persian Gulf ^{2/}												
Total.....	.445	.542	.469	.695	.505	.626	.494	.546	.601	.501	.307	.516
Bahrain.....	.000	.000	.001	.001	.000	.000	.003	.000	.000	.000	.000	.000
Iran.....	.167	.292	.180	.411	.305	.308	.234	.336	.295	.228	.115	.297
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	.019	.000	.000	.000
Saudi Arabia.....	.278	.250	.288	.283	.201	.317	.258	.211	.287	.273	.192	.219
Imports from OPEC-Africa												
Total.....	.600	.708	.630	.620	.706	.768	.635	.801	.713	.681	.715	.648
Algeria.....	.061	.089	.116	.044	.130	.168	.083	.147	.089	.081	.116	.096
Gabon.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Libya.....	.500	.619	.484	.543	.556	.579	.552	.591	.623	.600	.561	.552
Nigeria.....	.039	.000	.029	.033	.020	.021	.000	.063	.000	.000	.039	.000
Imports from OPEC-South America												
Total.....	.023	.017	.018	.021	.018	.017	.000	.000	.000	.010	.034	.000
Venezuela.....	.023	.017	.018	.021	.018	.017	.000	.000	.000	.010	.034	.000
Imports from OPEC-Far East												
Total.....	.000	.016	.017	.016	.017	.017	.034	.018	.028	.007	.017	.018
Indonesia.....	.000	.016	.017	.016	.017	.017	.034	.018	.028	.007	.017	.018

^{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 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						
	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Total.....	0.955	1.014	0.993	0.997	1.073	1.025	1.111	1.130	0.984	1.003	0.974	1.056
United States ¹ /.....	.195	.180	.187	.250	.238	.215	.148	.216	.127	.201	.230	.388
Canada.....	.000	.000	.000	.000	.000	.000	.113	.000	.000	.000	.000	.000
OECD Europe ² /.....	.272	.273	.231	.226	.283	.295	.281	.447	.301	.300	.268	.202
Main European Importers												
France.....	.000	.063	.000	.000	.002	.000	.000	.000	.000	.062	.000	.000
Germany ³ /.....	.010	.012	.010	.011	.019	.010	.014	.006	.018	.021	.012	.005
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.....	.194	.153	.176	.153	.217	.191	.168	.350	.158	.148	.209	.121
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom....	.058	.029	.030	.056	.029	.028	.030	.033	.057	.030	.029	.059
Smaller European Importers												
Austria.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Belgium.....	.000	.000	.000	.000	.000	.043	.053	.042	.052	.025	.001	.000
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Greece.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Portugal.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Sweden.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Switzerland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Turkey.....	.009	.015	.016	.007	.016	.024	.016	.016	.016	.016	.016	.016
Japan.....	.473	.529	.569	.512	.543	.514	.561	.455	.545	.500	.467	.464
Other OECD.....	.015	.032	.006	.009	.009	.000	.008	.012	.011	.002	.010	.003

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. 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, September 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	Indonesia	Iran	Iraq	Kuwait ¹ /Libya	Nigeria	Qatar	Saudi Arabia ¹ /Emirates	United Arab Emirates	Venezuela	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.....	1,785	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.....	1,983	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	1,492	2,240	2,685	1,492	1,175	346	5,086	1,565	1,903	20,483
1989 Average.....	1,095	208	1,409	2,810	2,897	1,783	1,150	380	5,064	1,860	1,907	22,279
1990 Average.....	1,175	270	1,462	3,088	2,040	1,175	1,375	406	6,410	2,117	2,137	23,465
1991 Average.....	1,230	294	1,592	3,312	305	190	1,483	395	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	423	8,332	2,266	2,371	24,695
1993 Average.....	1,162	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/	Angola	Argentina	Australia	Brazil	Canada	China	Colombia	Ecuador
1970 Average.....	0	2	0	112	393	178	167	1,263	600	219	4
1971 Average.....	6	2	6	93	423	309	174	1,348	780	214	4
1972 Average.....	33	2	35	140	433	327	167	1,532	900	196	78
1973 Average.....	32	2	36	162	420	369	169	1,798	1,090	184	209
1974 Average.....	35	2	38	169	414	388	176	1,551	1,315	168	177
1975 Average.....	189	12	202	165	395	409	177	1,430	1,490	157	161
1976 Average.....	279	245	525	108	398	426	167	1,314	1,670	146	188
1977 Average.....	280	768	555	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	152	237
1983 Average.....	614	2,291	2,965	177	491	416	339	1,356	2,120	168	258
1984 Average.....	697	2,480	3,250	208	478	492	475	1,438	2,296	176	281
1985 Average.....	788	2,530	3,417	231	460	575	564	1,471	2,505	305	293
1986 Average.....	870	2,539	3,547	282	434	520	572	1,474	2,620	385	174
1987 Average.....	1,022	2,406	3,584	360	428	547	566	1,535	2,730	378	302
1988 Average.....	1,158	2,232	3,540	452	449	538	554	1,616	2,757	403	279
1989 Average.....	1,554	1,802	3,515	455	460	490	596	1,560	2,774	440	285
1990 Average.....	1,704	1,820	3,667	475	483	575	631	1,548	2,835	433	299
1991 Average.....	1,890	1,797	3,811	500	485	545	630	1,605	2,845	456	321
1992 Average.....	2,230	1,915	4,403	526	553	535	643	1,793	2,890	455	344
1993 Average.....	2,350	2,375	5,058	509	650	536	671	1,793	2,939	455	379
1994 Average.....	2,521	2,489	5,406	538	713	562	695	1,817	3,015	589	392
1995 Average P.....	2,768			646							

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/	Libya	Nigeria	Qatar	Saudi Arabia/	United Arab Emirates	Venezuela	Total OPEC
1980 Average...	1,006	175	1,497	1,662	2,514	1,656	1,787	2,045	472	9,900	1,704	2,147	26,565
1981 Average...	802	151	1,513	1,380	1,000	1,125	1,140	1,423	405	9,815	1,469	2,083	22,306
1982 Average...	712	156	1,247	2,214	1,012	823	1,150	1,285	330	6,483	1,215	1,878	18,505
1983 Average...	648	157	1,245	2,440	1,005	1,064	1,105	1,231	295	5,086	1,109	1,768	17,153
1984 Average...	694	157	1,279	2,174	1,209	1,157	1,087	1,368	394	4,663	1,091	1,689	16,962
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,059	1,475	301	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,034	1,447	308	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	293	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	3,05	1,90	1,483	1,832	395	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,433	1,820	423	8,332	2,206	2,334	23,856
1993 Average...	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. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. From August 1990 through May 1991, all production in the Neutral Zone was included in the data for Saudi Arabia.

P=Preliminary.

Note: OPEC=Organization of Petroleum Exporting Countries. See Appendix A for Countries in this group.
Sources: See end of Section 4.

Table 4.3 World Natural Gas Plant Liquids Production, 1970-1995
(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 / Kingdom	United Kingdom	OECD Europe ² / United States ³ / Other ⁴ / Total OECD	Canada	Japan	Other ⁴ / Total OECD	
1973 December.....	201	152	181	156	1,070	140	303	67	2,588
1974 December.....	249	167	213	191	1,227	145	370	64	2,880
1975 December.....	225	143	187	165	1,154	174	375	67	2,903
1976 December.....	234	143	208	165	1,205	153	380	68	2,918
1977 December.....	239	161	225	148	1,268	167	409	68	3,224
1978 December.....	201	154	238	157	1,219	144	413	68	3,122
1979 December.....	226	163	272	169	1,353	150	460	75	3,379
1980 December.....	243	170	319	170	1,464	164	495	72	3,587
1981 December.....	214	167	297	143	1,337	161	482	67	3,531
1982 December.....	193	179	272	125	1,258	136	484	68	3,376
1983 December.....	153	149	249	118	1,142	121	470	68	3,255
1984 December.....	152	159	239	112	1,130	128	479	69	3,362
1985 December.....	139	157	233	123	1,092	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	126	540	71	3,474
1988 December.....	140	155	266	112	1,118	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	121	590	73	3,568
1991 December.....	153	160	288	113	1,181	119	606	65	3,588
1992 December.....	146	174	310	119	1,219	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	105	618	69	3,661
1994 December.....	158	164	312	115	1,240	119	645	69	3,726
1995 December P....	159	162	301	R107	R1,218	R109	R630	R71	R3,601

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	4,864	1,095	38,379	307	38,686	56,677
1975 Average...	2,252	1,855	2,650	1,911	13,217	16,322	1,779	4,621	1,041	36,980	307	37,287	56,198
1976 Average...	2,420	1,971	2,877	1,892	14,124	17,461	1,818	4,837	1,119	39,358	329	39,687	59,673
1977 Average...	2,294	1,971	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	1,449	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	1,603	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	37,758	283	38,067	66,155
1991 Average...	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	---	---	38,768	66,574
1992 Average...	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	---	---	38,966	66,199
1993 Average...	1,875	1,852	2,900	1,815	13,523	17,237	1,688	5,401	1,117	---	---	39,892	68,683
1994 Average...	1,833	1,841	2,879	1,837	13,597	17,718	1,727	5,674	1,176	---	---	R40,498	R70,181
1995 Average	P, R1, 895	R2, 034	R2, 875	1,842	R14, 081	17,725	R1, 755	R5, 711	R1, 227	---	---	---	---

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
	Average										
Total.....	15.878	17.670	18.008	18.706	20.082	20.456	20.414	20.783	21.226	21.133	20.718
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	-623	-756
OECD Europe ^{2/}	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355	7.227
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	2.699
Italy.....	1.603	1.642	1.718	1.590	1.716	1.788	1.769	1.839	1.747	1.778	1.820
Netherlands.....	.515	.632	.562	.646	.635	.677	.690	.713	.688	.720	.700
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	-969
Smaller European Importers											
Austria.....	.174	.188	.194	.185	.191	.201	.212	.209	.205	.210	.194
Belgium.....	.382	.456	.443	.451	.454	.442	.506	.517	.503	.517	.495
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	.145
Greece.....	.210	.245	.230	.242	.252	.273	.297	.326	.327	.292	.343
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	.359
Switzerland.....	.257	.290	.254	.258	.254	.273	.273	.277	.250	.262	.248
Turkey.....	.310	.342	.402	.397	.384	.425	.366	.413	.500	.490	.569
Japan.....	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766	5.716
Other OECD.....	.322	.338	.291	.250	.313	.270	.392	.467	.599	.648	.647

^{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
Average											
Total.....	10.531	12.408	12.414	13.115	14.602	15.675	15.597	15.809	16.259	16.054	15.685
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	.255
OECD Europe ² /.....	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446	6.119
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	.715
Italy.....	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117	1.203
Netherlands.....	.568	.771	.773	.875	.905	.862	.928	.926	.982	.906	.795
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	.000
Belgium.....	.159	.288	.257	.302	.353	.313	.362	.359	.359	.284	.276
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	.000
Greece.....	.197	.273	.279	.233	.244	.343	.298	.346	.303	.266	.258
Portugal.....	.113	.120	.101	.118	.156	.166	.139	.158	.166	.236	.217
Sweden.....	.051	.086	.062	.074	.064	.073	.105	.116	.123	.126	.109
Switzerland.....	.075	.068	.069	.051	.021	.038	.052	.051	.063	.082	.083
Turkey.....	.331	.344	.411	.439	.384	.388	.365	.412	.452	.475	.477
Japan.....	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.206	4.282	4.507	4.472
Other OECD.....	.268	.301	.408	.316	.367	.513	.491	.528	.616	.586	.630

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
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	9.269
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	3.324
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	.172
Italy.....	.583	.817	.782	.643	.619	.626	.595	.573	.548	.430	.494
Netherlands.....	.294	.509	.516	.587	.663	.647	.609	.650	.744	.662	.562
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	.000
Belgium.....	.088	.182	.162	.224	.277	.250	.279	.292	.291	.232	.251
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	.000
Greece.....	.122	.204	.211	.146	.181	.268	.219	.291	.253	.214	.220
Portugal.....	.076	.088	.069	.066	.085	.073	.067	.074	.050	.117	.107
Sweden.....	.006	.036	.029	.045	.043	.039	.064	.068	.088	.076	.068
Switzerland.....	.006	.008	.008	.007	.007	.007	.007	.007	.008	.012	.007
Turkey.....	.265	.289	.348	.411	.323	.307	.324	.349	.429	.405	.336
Japan.....	2.533	2.557	2.637	2.691	3.173	3.394	3.370	3.586	3.721	3.946	3.979
Other OECD.....	.176	.195	.299	.241	.267	.322	.300	.338	.381	.316	.334

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	.312	.218
Kuwait.....	.021	.068	.082	.092	.157	.086	.006	.051	.353	.011	.004
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	5.716
Imports from OPEC ^{1/}	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.206	4.282	4.507	4.472
Imports from Persian Gulf ^{2/}											
Total.....	2.533	2.557	2.637	2.691	3.173	3.394	3.370	3.586	3.721	3.946	3.979
Bahrain.....	.026	.034	.037	.036	.042	.037	.037	.029	.025	.028	.029
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	.501
U.A.E.....	.845	.890	.773	.822	.929	1.032	1.285	1.256	1.287	1.398	1.420
Qatar.....	.220	.183	.139	.203	.250	.263	.285	.300	.330	.328	.335
Saudi Arabia.....	.904	.789	1.005	.930	.984	1.240	1.367	1.420	1.327	1.303	1.296
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	.488
Indonesia.....	.452	.486	.563	.599	.631	.682	.673	.624	.533	.551	.488

^{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 4.12 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	7.227
Imports from OPEC ^{1/}	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446	6.119
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	3.324
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	1.147
Iraq.....	.673	.717	.905	.959	.897	.591	.000	.000	.000	.000	.000
Kuwait.....	.356	.456	.469	.474	.452	.346	.019	.142	.461	.302	.269
U.A.E.....	.131	.164	.206	.134	.214	.446	.281	.199	.092	.067	.006
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	1.899
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	2.506
Algeria.....	.659	.615	.627	.646	.648	.683	.757	.772	.693	.690	.711
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	1.194
Nigeria.....	.841	.727	.469	.481	.532	.559	.729	.686	.605	.721	.569
Imports from											
OPEC-South America											
Total.....	.307	.252	.208	.220	.212	.227	.249	.268	.240	.219	.273
Venezuela.....	.307	.252	.208	.220	.212	.227	.249	.268	.240	.219	.273
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 0.005 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. •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 4.14 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	2.699
Imports from OPEC ^{1/}	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841	.715
Imports from Persian Gulf ^{2/}											
Total.....	.152	.232	.187	.197	.216	.217	.227	.215	.250	.217	.172
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	.009	.000	.026	.015
Kuwait.....	.021	.017	.017	.013	.022	.013	.000	.002	.022	.001	.000
U.A.E.....	.006	.004	.024	.006	.023	.016	.012	.002	.000	.000	.000
Qatar.....	—	—	.001	.001	.002	.003	.002	.001	.000	.000	.000
Saudi Arabia.....	.064	.151	.072	.095	.119	.125	.161	.182	.173	.149	.125
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	1.820
Imports from OPEC ^{1/}	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117	1.203
Imports from											
Persian Gulf ^{2/}											
Total.....	.583	.817	.782	.643	.619	.626	.595	.573	.548	.430	.494
Bahrain.....	.002	.001	.000	—	.001	.000	.001	.001	.000	.000	.000
Iran.....	.146	.135	.141	.093	.124	.192	.231	.239	.221	.143	.233
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	.679
Algeria.....	.110	.087	.109	.108	.150	.155	.155	.140	.096	.099	.100
Gabon.....	.001	.001	—	.001	.001	.000	.006	.000	.000	.001	.000
Libya.....	.299	.309	.342	.389	.430	.556	.581	.584	.542	.543	.562
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	0.997
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	.269
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	.015	.015
Italy.....	.132	.147	.142	.118	.093	.063	.000	.007	.012	.001	.000
Netherlands.....	.098	.122	.150	.189	.194	.151	.002	.052	.254	.179	.176
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	.014
Japan.....	.215	.278	.347	.341	.458	.291	.014	.220	.368	.430	.501
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. *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.

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 Economics 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/eneu/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, Naphtha-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.....	---	---	---	---	---	---	---	---	---	---	---
Turkey.....	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150
United Kingdom.....	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466
Former Yugoslavia.....	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418

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

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

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Eastern Europe & Former U.S.S.R.											
Albania.....	6 594	6 594	6 594	6 594	6 594	6 594	6 594	6 594	6 594	6 594	6 594
Bulgaria.....	7 332	7 332	7 332	7 332	7 332	7 332	7 332	7 332	7 332	7 332	7 332
Former Czechoslovakia.....	6 780	6 780	6 780	6 780	6 780	6 780	6 780	6 780	6 780	6 780	6 780
Hungary.....	6 690	6 690	6 690	6 690	6 690	6 690	6 690	6 690	6 690	6 690	6 690
Poland.....	7 418	7 418	7 418	7 418	7 418	7 418	7 418	7 418	7 418	7 418	7 418
Romania.....	7 506	7 506	7 506	7 506	7 506	7 506	7 506	7 506	7 506	7 506	7 506
Former U.S.S.R.....	7 270	7 270	7 270	7 270	7 270	7 270	7 270	7 270	7 270	7 270	7 270
Middle East											
Bahrain.....	7 320	7 320	7 320	7 320	7 320	7 320	7 320	7 320	7 320	7 320	7 320
Iran.....	7 305	7 305	7 305	7 305	7 305	7 305	7 305	7 305	7 305	7 305	7 305
Iraq.....	7 426	7 426	7 426	7 426	7 426	7 426	7 426	7 426	7 426	7 426	7 426
Israel.....	7 247	7 247	7 247	7 247	7 247	7 247	7 247	7 247	7 247	7 247	7 247
Jordan.....	---	---	---	---	---	---	---	---	---	---	---
Kuwait.....	7 245	7 245	7 245	7 245	7 245	7 245	7 245	7 245	7 245	7 245	7 245
Oman.....	7 332	7 332	7 332	7 332	7 332	7 332	7 332	7 332	7 332	7 332	7 332
Qatar.....	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500	7 500
Saudi Arabia.....	7 268	7 268	7 268	7 268	7 268	7 268	7 268	7 268	7 268	7 268	7 268
Syria.....	6 836	6 836	6 836	6 836	6 836	6 836	6 836	6 836	6 836	6 836	6 836
United Arab Emirates.....	7 480	7 480	7 480	7 480	7 480	7 480	7 480	7 480	7 480	7 480	7 480
Yemen.....	---	---	---	7 627	7 636	7 632	7 632	7 631	7 631	7 631	7 631
Africa											
Algeria.....	7 936	7 936	7 936	7 936	7 936	7 936	7 936	7 936	7 936	7 936	7 936
Angola.....	7 409	7 409	7 409	7 409	7 409	7 409	7 409	7 409	7 409	7 409	7 409
Benin.....	6 870	6 870	6 870	6 870	6 870	6 870	6 870	6 870	6 870	6 870	6 870
Cameroon.....	7 205	7 205	7 205	7 205	7 205	7 205	7 205	7 205	7 205	7 205	7 205
Congo.....	7 506	7 506	7 506	7 506	7 506	7 506	7 506	7 506	7 506	7 506	7 506
Egypt.....	7 256	7 256	7 256	7 256	7 256	7 256	7 256	7 256	7 256	7 256	7 256
Equatorial Guinea.....	---	---	---	---	---	---	---	---	---	---	---
Gabon.....	7 305	7 305	7 305	7 305	7 305	7 305	7 305	7 305	7 305	7 305	7 305
Ghana.....	7 285	7 285	7 285	7 285	7 285	7 285	7 285	7 285	7 285	7 285	7 285
Ivory Coast.....	7 285	7 285	7 285	7 285	7 285	7 285	7 285	7 285	7 285	7 285	7 285
Libya.....	7 515	7 515	7 515	7 515	7 515	7 515	7 515	7 515	7 515	7 515	7 515
Morocco.....	7 600	7 600	7 600	7 600	7 600	7 600	7 600	7 600	7 600	7 600	7 600
Nigeria.....	7 315	7 315	7 315	7 315	7 315	7 315	7 315	7 315	7 315	7 315	7 315
Tunisia.....	7 689	7 689	7 689	7 689	7 689	7 689	7 689	7 689	7 689	7 689	7 689
Zaire.....	7 320	7 320	7 320	7 320	7 320	7 320	7 320	7 320	7 320	7 320	7 320

--- = No Production of this form of energy.

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

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

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