

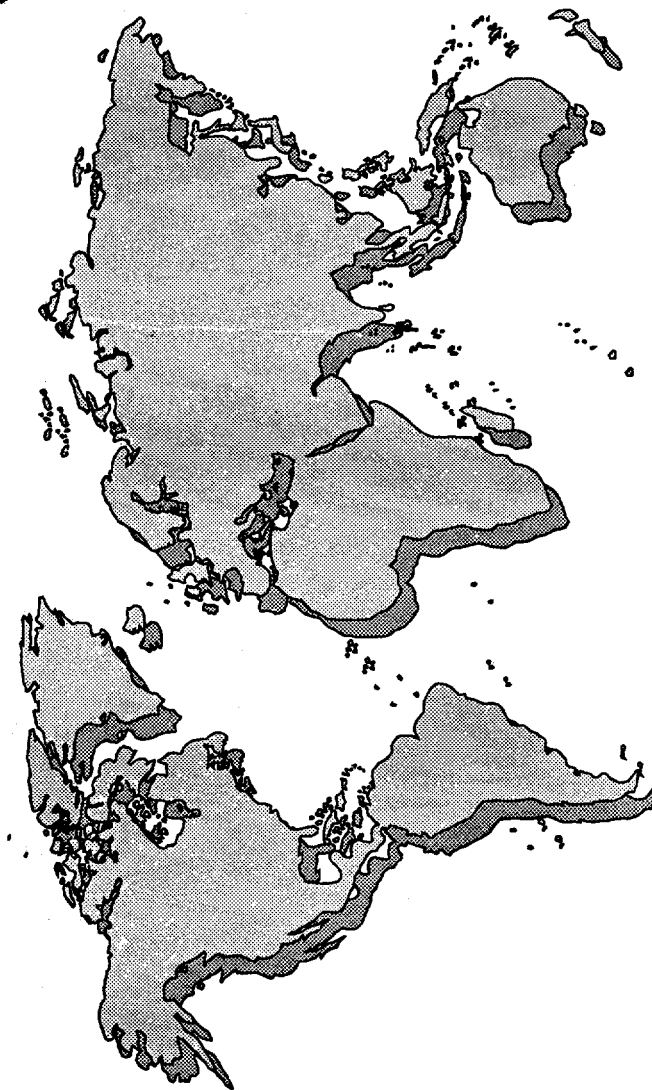
International Petroleum Statistics Report

December 1996

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International Petroleum Statistics Report

December 1996

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

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

Preface

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

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

The International Petroleum Statistics Report presents data on international oil production, demand, imports, 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. Grillo (202) 586-6577; Oil Market Chronology - Lowell Feld (202) 586-9502.

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Oil Market Chronology -- November 1996

The following chronology lists international events of potential significance for world petroleum markets. Sources include: Dow Jones (DJ), Financial Times (FT), Middle East Economic Survey (MEES), New York Times (NYT), Platt's Oilgram News (PON), Wall Street Journal (WSJ), Washington Post (WP), and World Gas Intelligence (WGI).

November 1

The \$2.3-billion Gazoduc Maghreb-Europe (GME) pipeline begins its first gas deliveries between Algeria's Hassi R'Mel gas field and Cordoba, Spain. By the end of 1998, Algeria is planning to boost the GME's capacity to 935 million cubic feet per day, up from 695 million cubic feet per day currently, in order to supply markets in Spain, Portugal, Morocco, France, and Germany. (FT)

November 4

Italy's state-owned ENI discloses that it signed a \$3-billion natural gas production and supply deal with Libya in June 1996. The deal covers development of the offshore NC-41 block and the onshore Wafra field. ENI plans to bring the areas online by 2000, with gas production flowing to Italy via a proposed underwater pipeline. Reserves in the two areas are estimated at 600 million barrels of oil equivalent. Production potentials at the NC-41 block and the Wafra field are estimated at 575 million cubic feet per day and 195 million cubic feet per day, respectively. The United States government recently implemented additional sanctions against Libya which bar new investments of more than \$40 million by non-U.S. companies. However, ENI representatives state, in a MEES interview, that U.S. sanctions will not have an "adverse material effect" on the project. (DI, MEES)

Turkish Prime Minister Necmetten Erbakan states that Iranian natural gas shipments to Turkey will begin "within a year at the latest" under the recently signed 22-year, \$20-billion gas supply deal between the two countries. The agreement, which calls for delivery of up to 350 million cubic feet per day of Iranian natural gas to Turkey, has met with U.S. criticism for providing financial support to the Iranian economy. Turkey's demand for natural gas is expected to grow to 2.9 billion cubic feet per day by 2010. (DI).

November 5

British Petroleum Exploration (BPX) requests Colombia's Prosecutor General to investigate the source of recent media reports that accuse the company of violating human rights and supporting paramilitary groups in eastern Colombia. In October 1995, several London newspapers reported the accusations from an unofficial study purportedly conducted by the Colombian presidency's human rights office. BPX strongly denies the allegations. (DI)

November 6

In Greece, government anti-terrorism units arrest 16 Greenpeace activists who block entry to Motor Oil's 100,000-barrel-per-day coastal refinery at Ayioi Theodori. The Greenpeace protest is in response to a large spill that occurred during loading operations in August and that added to already high pollution levels in the Saronic Gulf. Motor Oil is owned jointly by Saudi Aramco and Greece's Vardinoyannis. (DI)

November 8

In Baku, officials from Azerbaijan, Ukraine, and Kazakhstan meet to discuss a possible export and refining deal for crude oil from Kazakhstan's Tengiz oil field. Under Ukrainian proposals, crude from Tengiz would be shipped by tanker across the Caspian to Durbend, Azerbaijan and then transported by rail to Batumi, Georgia. From there, the oil would be carried by tanker to Ukraine's 80,000-barrel-per-day refinery at Odessa. An alternate method under consideration would be to use rail transport through the Caucasus Mountains and through Russia to Ukraine. (PON)

Namibian Minister for Trade and Industry Hidipo Hamutenya states that a well recently drilled by Royal Dutch/Shell proves that natural gas reserves at the offshore Kudu field are in excess of 3 trillion cubic feet and could be as large as 7 trillion cubic feet. Shell has declined to comment on the field's size. Both Namibia and Shell are hoping that Kudu's reserves are sizable enough to justify a \$670-million project to build a 250-million-cubic-feet-per-day pipeline to transport the natural gas to landfall at Oranjemund and eventually on to South Africa. (WGI)

November 12

The Algerian daily newspaper "Le Matin" reports that state-owned Sonatrach and British Petroleum (BP) are discussing the feasibility of a third Algerian natural gas export pipeline to Europe. Currently, Algeria exports natural gas to Europe through the newly-inaugurated GME, the Transmed pipeline linking Algeria to Italy, and via liquefied natural gas tankers. BP is seeking an outlet for future production from its natural gas fields in the In Salah region, which contains proven reserves of at least 7 trillion cubic feet. Through 2000, Italy and France are expected to remain the largest purchasers of Algerian natural gas, with 47 percent and 20 percent shares of Algeria's natural gas exports, respectively. Through 2020, the European Commission has forecast that Algerian exports will not exceed a 25 percent share of the European natural gas market. (DJ)

November 14

In Abuja, Nigeria, officials from Benin, Togo, Ghana, and Nigeria meet to discuss a proposed \$260-million West Africa natural gas project which would supply Nigerian natural gas to regional markets. Chevron and Royal Dutch/Shell are in competition to construct the export pipeline associated with the project. The natural gas project would be aimed at lessening the region's dependence on oil imports and hydroelectric power. While Nigeria has insisted that its natural gas reserves be used, the Ivory Coast and Ghana have proposed using natural gas resources located in their offshore Foxrot and Tano fields, respectively. (DJ)

In response to the slow pace of the Middle East peace process, Israel is excluded from two separate natural gas export pipeline proposals. In the first project, Italy's ENI decides to invest \$2 billion in the next 30 months to build a 960-million-cubic-foot-per-day underwater pipeline to carry natural gas from Egypt to Turkey. ENI's original "peace pipeline" would have run from Port Said, Egypt to Haifa, Israel, via the Gaza strip. In the second project, U.S.-based Amoco signs an agreement with the governments of Egypt and Turkey to build a \$2- to \$4-billion liquefied natural gas export plant to transport Egyptian natural gas to Turkey. The liquefied natural gas plan replaces an earlier Amoco proposal to build an Egypt-to-Israel natural gas export pipeline that would have competed with ENI's peace pipeline. (WP, WSJ)

European Union (EU) trade counselor Bernd Langeheine states that the EU has legislation ready that would block implementation of U.S. sanctions on European companies which invest in expropriated U.S. property in Cuba or in Iran's and Libya's oil sectors. The official says that if the United States invokes Article 21 (the national security exemption) under the General Agreement on Tariffs and Trade, the EU would easily win any subsequent challenge brought before the World Trade Organization. (DJ).

November 17

Iraq's National Assembly approves a proposal by the China National Oil and Gas Exploration and Development Corporation to develop the small al-Andab oil field, which is located near the giant East Baghdad field. While several French and Russian oil companies have conducted negotiations for the development of oil fields in Iraq, the deal for al-Andab is the first that has actually been signed. Existing U.N. sanctions forbid foreign investment in Iraq's oil sector. (DJ)

November 18

In Kazakhstan, the Caspian Pipeline Consortium (CPC) approves a \$1.5-billion plan to build an export pipeline linking Chevron's 10-billion-barrel Tengiz oil field in western Kazakhstan with Novorossiysk, Russia's oil export terminal on the Black Sea. Under the plan, a 560,000-barrel-per-day pipeline would be built by 1999, with an expansion of the capacity to 1.37 million barrels per day occurring at a later date. Until recently, Chevron restricted output at the field to 60,000 barrels per day because of lack of space on existing Russian export pipelines. Current production is around 120,000 barrels per day and soon will be lifted to 180,000 barrels per day. In 1996, Chevron has tested alternative methods of exporting Tengiz crude, including the use of a swap arrangement with Iran and tanker and rail shipments across the Caspian and through Georgia, respectively. After a corporate restructuring anticipated for April 1997, CPC will include the governments of Russia, Kazakhstan, and Oman, and several oil companies, including Chevron, Mobil, Oryx, British Gas, Agip, Lukoil, and Rosneft. (DJ, FT)

November 25

An Exxon-led consortium signs a memorandum of understanding with the Chadian government to develop an estimated 900 million barrels of oil reserves in the Doba basin, located near Chad's southern border with the Central African Republic and Cameroon. The proposed \$3-billion development will include drilling 300 new wells and constructing a 650-mile, 30-inch pipeline across southern Chad to Kribi, Cameroon on the Atlantic coast. Peak production potential from the area is projected at 200,000 to 250,000 barrels per day. The development consortium comprises Exxon (through its affiliate Esso Exploration & Production Chad) (40 percent), Societe Shell Tchadienne de Recherches et d'Exploitation (40 percent), and Elf Hydrocarbures Tchad (20 percent). (PON)

November 26

The United Nations and Iraq announce a final agreement on the long-awaited deal that would allow Iraq to sell up to \$2 billion of oil over six months in exchange for food and other humanitarian supplies. Implementation of the deal recently had been delayed because of Iraq's invasion of Kurdish safe haven areas in September and the U.S. review of the pricing formula in October. Iraqi oil exports under U.N. Resolution 986, which would be between 500,000 and 550,000 barrels per day at current oil prices, are expected to begin in December 1996, after metering equipment is installed on the Kirkuk-Ceyhan pipeline and U.N.-approved observers are positioned in Iraq to monitor oil flows. (NYT, FT)

November 27

Russia's Interfax news agency reports that a \$1.5-billion oil development deal will be signed between the State-Owned Oil Company of Azerbaijan, Amoco, Unocal, Saudi Arabia's Delta Oil, and Japan's Itochu in mid-December 1996. The deal will include the development of the Caspian Sea's Dan Ulduzu and Ashrafi oil fields, which are estimated to contain combined oil and natural gas reserves of 730 million barrels and 3 trillion cubic feet, respectively. (DJI)

November 28

The Prime Ministers of Russia and Poland inaugurate the first 65-mile segment of the proposed 3,100-mile Yamal natural gas export pipeline. In August 1995, the Polish government gave approval for the \$2.5-billion, 400-mile Polish segment of the Yamal pipeline, which will have an initial capacity of 475 million cubic feet per day. Ultimately by 2010, Yamal pipeline natural gas shipments to Europe are expected to reach over 5.5 billion cubic feet per day. This natural gas is targeted for export in 1998 to European markets via seven parallel natural gas pipelines running from Yamal to Belarus, Poland, and Frankfurt/Oder, Germany. However, continuous permafrost conditions and environmental concerns have raised development costs, and total project investment may exceed \$12 billion. Russian natural gas exports now satisfy about 25 percent of European natural gas demand. (DJI)

November 29

France's nation-wide truckers' strike enters its twelfth day, causing up to 5,000 gas stations either to run out of or to run low on gasoline stocks. Consequently, half of France's 90 departments have put gasoline rationing measures in place. In order to end the strike, the government proposes to meet truckers' demands to lower the early retirement age to 55. (DJI)

In Vienna, the Organization of Petroleum Exporting Countries (OPEC) agrees to roll-over its current crude oil production quota of 25.33 million barrels per day. This quota was established at the Organization's last meeting in June 1996 and allows room for Iraq to produce 1.2 million barrels per day. Prior to any Iraqi exports under U.N. Resolution 986, independent analysts have estimated that OPEC member countries are already producing at a rate that is 1.2 to 1.5 million barrels per day in excess of the aggregate quota. The majority of this overproduction reportedly comes from Venezuela. (WP)

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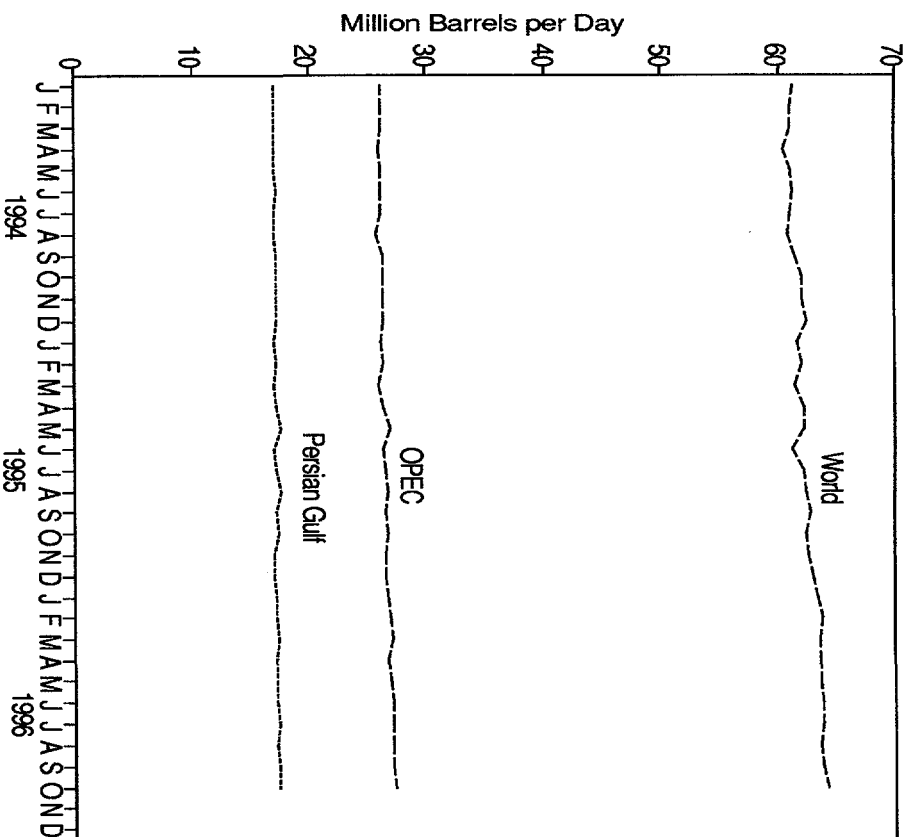
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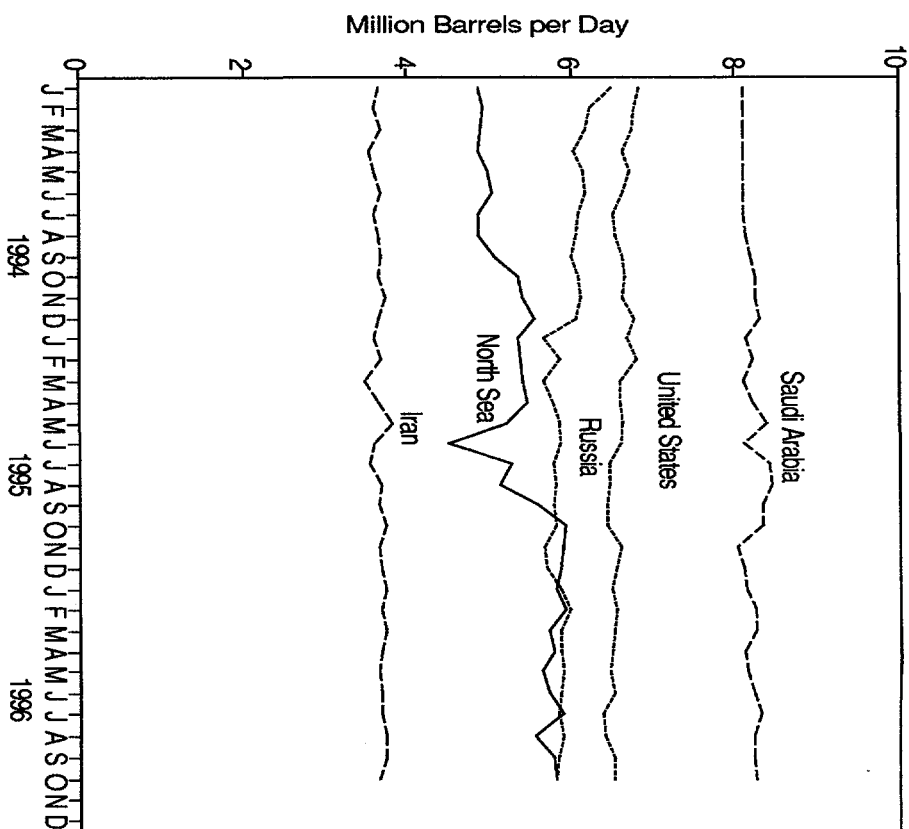
1. Annual and Monthly Oil Data

Figure 1. World Crude Oil Production, Monthly



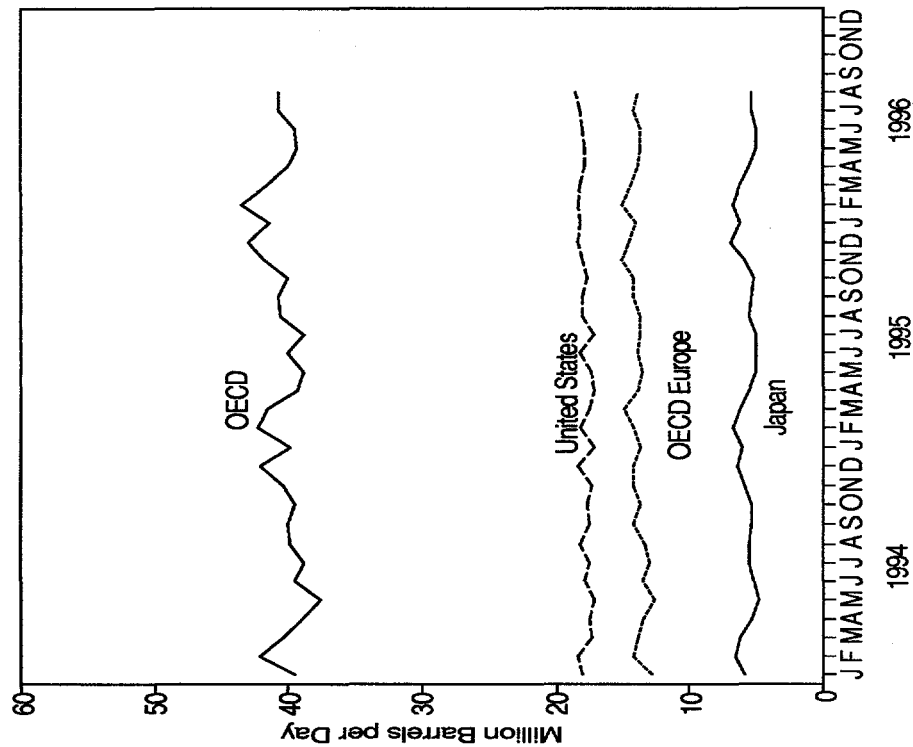
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Figure 2. Leading Crude Oil Producers, Monthly



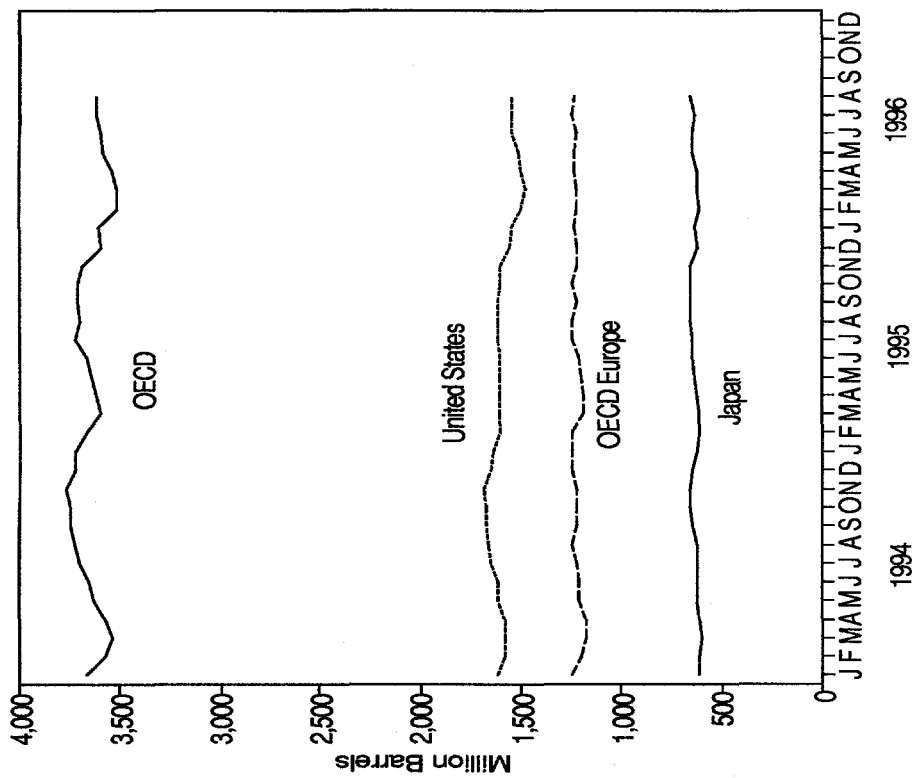
Source: Tables 1.1a-1.1c

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	Indonesia	Iran	Iraq	Kuwait ¹ /	Libya	Nigeria	Qatar	Saudi Arabia ¹ /	United Arab Emirates	Venezuela	Total OPEC
1985 Average.....	1,037	172	1,325	2,250	1,433	1,023	1,059	1,495	301	3,388	1,193	1,677	16,353
1986 Average.....	945	166	1,390	2,035	1,690	1,419	1,034	1,467	308	4,870	1,330	1,787	18,441
1987 Average.....	1,048	155	1,343	2,298	2,079	1,585	972	1,341	293	4,265	1,541	1,752	18,672
1988 Average.....	1,040	159	1,342	2,240	2,685	1,492	1,175	1,450	346	5,086	1,565	1,903	20,483
1989 Average.....	1,095	208	1,409	2,810	2,897	1,783	1,150	1,716	380	5,064	1,860	1,907	22,279
1990 Average.....	1,175	270	1,462	3,088	2,040	1,175	1,375	1,810	406	6,410	2,117	2,137	23,465
1991 Average.....	1,230	294	1,592	3,312	305	1,90	1,483	1,892	395	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	1,943	423	8,332	2,266	2,371	24,695
1993 Average.....	1,162	313	1,511	3,540	512	1,852	1,361	1,960	413	8,198	2,159	2,450	25,431
1994 Average.....	1,180	329	1,514	3,635	553	2,034	1,378	2,037	444	8,147	2,263	2,588	26,101
1995													
January.....	1,180	335	1,520	3,585	555	2,070	1,390	2,000	455	8,120	2,280	2,600	26,090
February.....	1,180	335	1,500	3,685	555	2,070	1,390	1,980	475	8,220	2,280	2,600	26,270
March.....	1,180	335	1,510	3,485	555	2,060	1,390	1,890	485	8,110	2,280	2,600	25,880
April.....	1,180	335	1,510	3,635	555	2,070	1,390	2,050	485	8,220	2,280	2,670	26,380
May.....	1,180	335	1,510	3,835	555	2,050	1,390	2,080	485	8,400	2,280	2,790	26,890
June.....	1,180	335	1,510	3,585	555	2,050	1,390	1,960	485	8,100	2,280	2,790	26,220
July.....	1,210	335	1,510	3,535	555	2,060	1,390	1,980	485	8,410	2,280	2,790	26,540
August.....	1,210	350	1,510	3,685	555	2,075	1,390	2,035	485	8,425	2,280	2,790	26,790
September.....	1,210	350	1,510	3,635	555	2,035	1,390	2,040	485	8,315	2,280	2,790	26,595
October.....	1,210	350	1,560	3,735	555	2,065	1,390	2,060	485	8,315	2,280	2,840	26,845
November.....	1,220	350	1,560	3,635	555	2,070	1,390	2,110	495	8,020	2,280	2,840	26,525
December.....	1,220	350	1,560	3,685	555	2,015	1,390	2,145	495	8,110	2,215	2,890	26,630
1995 Average.....	1,197	341	1,523	3,643	555	2,057	1,390	2,028	483	8,231	2,274	2,750	26,473
1996													
January.....	1,220	360	1,540	3,735	555	2,038	1,400	2,160	500	8,118	2,290	2,940	26,855
February.....	1,220	360	1,540	3,685	555	2,057	1,400	2,180	500	8,248	2,265	2,940	26,950
March.....	1,210	370	1,540	3,715	555	2,057	1,400	2,190	500	8,248	2,285	2,990	27,060
April.....	1,230	370	1,530	3,685	555	2,067	1,400	2,160	505	8,088	2,250	2,990	26,830
May.....	1,245	370	1,530	3,685	555	2,055	1,400	2,200	505	8,135	2,275	2,990	26,895
June.....	1,250	370	1,550	3,685	555	2,065	1,400	2,200	505	8,195	2,270	2,990	27,035
July.....	1,250	370	1,520	3,685	555	2,065	1,400	2,170	505	8,295	2,260	3,040	27,115
August.....	1,250	370	1,540	3,715	555	2,040	1,400	2,190	505	8,220	2,260	3,090	27,135
September.....	1,250	370	1,560	3,735	555	2,070	1,400	2,150	525	8,200	2,310	3,090	27,215
October.....	1,260	370	1,580	3,635	555	2,075	1,400	2,200	525	8,255	2,310	3,140	27,305
1996 Average.....	1,239	368	1,543	3,691	555	2,059	1,400	2,180	508	8,200	2,278	3,020	27,040

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 October 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 510 thousand barrels per day.

Notes: •OPEC=Organization of Petroleum Exporting Countries. •Monthly data are often preliminary and also may not average to the annual totals due to rounding.

Sources: See end of Section 1.

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

	Norway	United Kingdom	North Sea/ Seal/	Angola	Argentina	Australia	Brazil	Canada	China	Colombia	Ecuador
1985 Average.....	788	2,530	3,417	231	460	575	564	1,471	2,505	176	281
1986 Average.....	870	2,539	3,547	282	434	520	572	1,474	2,620	305	293
1987 Average.....	1,022	2,406	3,584	360	428	547	566	1,535	2,690	385	174
1988 Average.....	1,158	2,232	3,540	452	449	538	554	1,616	2,730	378	302
1989 Average.....	1,554	1,802	3,515	455	460	490	596	1,560	2,757	403	279
1990 Average.....	1,704	1,820	3,667	475	483	575	631	1,553	2,774	440	285
1991 Average.....	1,890	1,797	3,811	500	485	545	630	1,548	2,835	419	299
1992 Average.....	2,230	1,825	4,182	526	553	535	626	1,605	2,845	433	321
1993 Average.....	2,350	1,915	4,403	509	594	503	643	1,679	2,890	456	344
1994 Average.....	2,521	2,375	5,058	538	650	536	671	1,793	2,939	455	379
1995 January.....	2,660	2,520	5,341	580	700	575	710	1,792	2,950	500	400
February.....	2,605	2,610	5,368	580	700	550	710	1,774	3,000	540	400
March.....	2,680	2,565	5,399	610	700	540	685	1,739	3,000	550	400
April.....	2,735	2,570	5,456	630	710	550	700	1,811	3,000	550	400
May.....	2,750	2,305	5,201	645	710	550	330	1,754	2,980	560	400
June.....	2,480	1,855	4,486	660	710	580	710	1,847	2,980	605	390
July.....	2,765	2,350	5,253	660	720	595	750	1,843	2,980	615	385
August.....	2,560	2,405	5,107	660	720	600	760	1,805	3,015	620	375
September.....	2,775	2,655	5,581	655	720	605	730	1,890	3,070	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	575	805	1,815	3,205	605	390
July.....	3,201	2,537	5,884	715	760	R590	795	1,795	3,150	615	390
August.....	3,022	2,385	5,559	715	760	R540	R751	R1,858	3,130	630	375
September.....	3,095	2,517	5,774	R700	760	R560	R790	1,840	R3,050	630	R385
October.....	3,005	2,642	5,814	700	760	560	795	1,922	3,100	630	385
1996 Average.....	3,084	2,531	5,761	709	743	571	787	1,811	3,112	620	387

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

R=Revised data.

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

Sources: See end of Section 1.

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

	Egypt	India	Malaysia	Mexico	Oman	Russia	Former U.S.S.R.	Syria	United States	Other ¹ / World	
1985 Average.....	887	620	440	2,745	498	--	11,585	178	8,971	2,124	53,982
1986 Average.....	813	630	504	2,435	560	--	11,895	194	8,680	2,166	56,227
1987 Average.....	896	609	497	2,548	582	--	12,050	230	8,349	2,120	56,666
1988 Average.....	848	635	540	2,512	617	--	12,053	265	8,140	2,235	58,737
1989 Average.....	865	700	585	2,520	641	--	11,715	340	7,613	2,249	59,863
1990 Average.....	873	660	619	2,553	685	--	10,975	388	7,355	2,253	60,566
1991 Average.....	874	615	646	2,680	700	--	9,992	492	7,417	2,274	60,207
1992 Average.....	881	561	653	2,669	740	7,632	--	481	7,171	3,233	60,216
1993 Average.....	890	534	640	2,673	776	6,730	--	554	6,847	3,288	60,246
1994 Average.....	896	590	645	2,689	815	6,135	--	560	6,662	3,408	61,358
1995											
January.....	920	695	650	2,680	845	5,675	--	615	6,682	3,394	61,633
February.....	920	685	680	2,645	845	5,860	--	615	6,794	3,364	62,148
March.....	920	695	680	2,670	845	5,675	--	615	6,600	3,360	61,409
April.....	920	700	680	2,670	850	5,767	--	610	6,604	3,369	62,206
May.....	920	715	680	2,680	850	5,860	--	610	6,629	3,387	62,205
June.....	920	720	680	2,700	850	5,856	--	610	6,579	3,389	61,340
July.....	920	720	690	2,705	850	5,776	--	610	6,449	3,381	62,304
August.....	920	715	690	2,710	850	5,820	--	610	6,447	3,349	62,421
September.....	920	720	690	2,740	850	5,789	--	610	6,416	3,360	62,825
October.....	920	690	690	1,900	860	5,798	--	605	6,421	3,319	62,489
November.....	920	685	690	2,555	860	5,798	--	605	6,585	3,303	62,695
December.....	920	700	690	2,765	860	5,684	--	605	6,530	3,325	63,084
1995 Average.....	920	703	682	2,618	851	5,768	--	610	6,560	3,358	62,230
1996											
January.....	920	675	680	2,795	865	5,864	--	605	6,495	3,323	63,378
February.....	920	700	680	2,800	865	5,970	--	605	6,550	3,347	63,752
March.....	920	665	680	2,870	870	5,856	--	605	6,516	3,321	63,573
April.....	920	685	700	2,860	880	5,864	--	600	6,479	3,338	63,519
May.....	920	660	700	2,875	880	5,891	--	600	6,443	3,349	63,530
June.....	920	650	700	2,880	880	5,864	--	600	6,502	3,349	63,847
July.....	920	625	700	2,870	885	5,838	--	600	6,383	3,453	63,936
August.....	920	625	700	2,830	885	5,882	--	600	6,389	3,458	63,590
September.....	920	625	700	2,860	890	5,838	--	600	6,503	3,457	64,935
October.....	920	625	700	2,860	890	5,811	--	600	6,503	3,467	64,181
1996 Average.....	920	653	694	2,850	879	5,867	--	601	6,476	3,387	63,723

¹/ Other is a calculated total derived from the difference between "World" and the sum of production in "Total OPEC" (Table 1.1a) and all other countries listed (Tables 1.1b and 1.1c). The total "North Sea" is not subtracted from the world total, though Norway and the United Kingdom have been subtracted.
 — = Not applicable. R=Revised data. E=Estimated. PE=preliminary estimate. RE=Revised estimate.
 Notes: *Monthly data are often preliminary and also may not average to the annual totals due to rounding. See Section 4 for historical series.
 Sources: See end of Section 1.

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

	Algeria	Gabon	Indo- nesia	Iran	Iraq	Kuwait ¹ / Libya	Nigeria	Qatar	Saudi Arabia ¹ / Emirates	United Arab Emirates	Vene- zuela	Total OPEC
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,059	1,475	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,034	1,447	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	305	1,190	1,483	1,832	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,433	1,820	8,332	2,206	2,334	23,856
1993 Average...	747	313	1,327	3,540	512	1,852	1,361	1,835	8,198	2,109	2,410	24,617
1994 Average...	750	329	1,334	3,600	548	2,034	1,378	1,887	8,147	2,183	2,542	25,141
1995 January...	750	335	1,340	3,550	550	2,070	1,390	1,850	8,120	2,200	2,560	25,135
February...	750	335	1,320	3,650	550	2,070	1,390	1,830	8,220	2,200	2,560	25,315
March...	750	335	1,330	3,450	550	2,060	1,390	1,740	8,110	2,200	2,560	24,925
April...	750	335	1,330	3,600	550	2,070	1,390	1,900	8,220	2,200	2,630	25,425
May...	750	335	1,330	3,800	550	2,050	1,390	1,930	8,400	2,200	2,750	25,935
June...	750	335	1,330	3,550	550	2,050	1,390	1,810	8,100	2,200	2,750	25,265
July...	780	335	1,330	3,500	550	2,060	1,390	1,830	8,410	2,200	2,750	25,585
August...	780	350	1,330	3,650	550	2,075	1,390	1,885	8,425	2,200	2,750	25,835
September...	780	350	1,330	3,600	550	2,035	1,390	1,890	8,315	2,200	2,750	25,640
October...	790	350	1,380	3,700	550	2,065	1,390	1,910	8,315	2,200	2,800	25,890
November...	790	350	1,380	3,600	550	2,070	1,390	1,960	8,020	2,200	2,800	25,570
December...	790	350	1,380	3,650	550	2,015	1,390	1,980	8,110	2,165	2,850	25,700
1995 Average...	767	341	1,343	3,608	550	2,057	1,390	1,876	8,231	2,197	2,710	25,520
1996 January...	790	360	1,360	3,700	550	2,038	1,400	2,010	8,118	2,210	2,900	25,900
February...	790	360	1,360	3,650	550	2,057	1,400	2,030	8,248	2,185	2,900	25,995
March...	780	370	1,360	3,680	550	2,057	1,400	2,040	8,248	2,205	2,950	26,105
April...	800	370	1,350	3,650	550	2,067	1,400	2,010	8,088	2,170	2,950	25,875
May...	815	370	1,350	3,600	550	2,055	1,400	2,050	8,135	2,195	2,950	25,940
June...	820	370	1,370	3,650	550	2,065	1,400	2,050	8,195	2,190	2,950	26,080
July...	820	370	1,340	3,650	550	2,065	1,400	2,020	8,295	2,180	3,000	26,160
August...	820	370	1,360	3,680	550	2,040	1,400	2,040	8,220	2,180	3,050	26,180
September...	820	370	1,380	3,700	550	2,070	1,400	2,000	8,200	2,230	3,050	26,260
October...	830	370	1,400	3,600	550	2,075	1,400	2,050	8,255	2,230	3,100	26,350
1996 Average...	809	368	1,363	3,656	550	2,059	1,400	2,030	8,200	2,198	2,980	26,085

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 October 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 510 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	OPEC 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	1,181	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	5,475
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	440	705	410	1,834	1,090	1,286	1,460	5,584
August.....	145	R618	335	700	410	1,867	1,085	1,281	1,455	R5,584
September.....	145	R595	340	695	410	R1,878	1,080	1,276	1,450	R5,495
October.....	145	620	340	695	410	E1,841	1,080	1,276	1,450	R5,508
1996 Average.....	145	593	431	696	410	E1,811	1,081	1,277	1,451	5,538

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

2/ See Appendix A for countries in this group.

3/ OPEC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in 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	70,945
February.....	E9,299	18,467	19,200	28,462	71,216
March.....	E9,437	18,517	19,211	28,572	71,271
April.....	E9,451	18,297	19,038	28,332	71,246
May.....	E9,411	18,307	19,108	28,397	71,213
June.....	E9,414	18,427	19,183	28,542	R71,465
July.....	E9,351	18,527	19,283	28,632	R71,630
August.....	E9,393	18,452	R19,183	28,647	R71,197
September.....	RE9,535	18,547	R19,258	28,722	R71,572
October.....	PE9,472	18,507	19,328	28,812	71,840
1996 Average.....	PE9,409	18,443	19,186	28,548	71,360

^{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 estimate. RE=Revised estimate.

Notes: *Oil Supply includes crude oil, natural gas plant liquids, other liquids, and refinery gain. See Explanatory Note 1 in Appendix B. *Monthly data are often preliminary and also may not average to the annual total due to rounding. See Section 4 for historical series.

Sources: See end of Section 1.

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

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1985 December.....	139	157	233	123	1,092	1,519	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	1,593	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	1,607	126	540	71	3,474
1988 December.....	140	155	266	122	1,118	1,597	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	1,581	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	1,621	121	590	73	3,568
1991 December.....	153	160	288	119	1,181	1,617	119	606	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	1,647	105	618	69	3,661
1994 December.....	158	164	312	115	1,240	1,653	119	645	69	3,726
1995										
January.....	160	167	314	113	1,250	1,643	121	631	69	3,714
February.....	164	163	316	114	1,250	1,608	121	613	64	3,655
March.....	152	159	304	105	1,189	1,601	124	619	68	3,601
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	1,208	1,609	128	640	73	3,658
July.....	160	171	304	110	1,242	1,614	130	651	72	3,724
August.....	160	174	303	109	1,241	1,620	119	654	72	3,699
September.....	162	163	301	110	1,232	1,620	120	658	77	3,707
October.....	162	165	304	111	1,242	1,607	123	664	72	3,706
November.....	160	159	297	110	1,225	1,604	123	663	72	3,685
December.....	159	162	301	107	1,228	1,563	109	630	71	3,601
1996										
January.....	154	157	301	107	1,239	1,543	105	638	76	3,602
February.....	156	156	298	103	1,229	1,500	105	615	67	3,515
March.....	157	153	296	106	1,222	1,482	108	627	71	3,510
April.....	165	150	298	109	1,238	1,501	108	622	72	3,541
May.....	163	157	295	105	1,239	1,519	104	641	75	3,578
June.....	160	158	296	R105	1,233	1,546	104	647	72	3,601
July.....	162	155	298	105	R1,244	1,550	R107	637	R78	R3,616
August.....	157	159	295	101	1,236	1,547	105	658	75	3,622

^{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	1546
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	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1985 Average.....	1,775	1,717	2,338	1,634	11,681	15,726	1,504	4,384	976	34,271
1986 Average.....	1,772	1,738	2,498	1,649	12,102	16,281	1,506	4,439	951	35,279
1987 Average.....	1,789	1,855	2,424	1,603	12,255	16,665	1,548	4,484	959	35,911
1988 Average.....	1,797	1,836	2,422	1,697	12,427	17,283	1,693	4,752	939	37,093
1989 Average.....	1,857	1,930	2,280	1,738	12,531	17,325	1,733	4,983	998	37,570
1990 Average.....	1,818	1,872	2,382	1,752	12,629	16,988	1,690	5,140	1,027	37,475
1991 Average.....	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	38,067
1992 Average.....	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	38,768
1993 Average.....	1,875	1,852	2,900	1,815	13,523	17,237	1,688	5,401	1,117	38,966
1994 Average.....	1,833	1,841	2,879	1,837	13,597	17,718	1,727	5,674	1,176	39,892
1995										
January.....	1,949	2,031	2,711	1,766	13,767	17,219	1,673	6,031	1,156	39,845
February.....	1,895	2,225	2,789	1,965	14,136	18,279	1,856	6,773	1,211	42,255
March.....	2,002	2,081	3,186	1,983	14,805	17,484	1,697	6,331	1,274	41,591
April.....	1,834	1,928	2,874	1,800	13,829	17,142	1,533	5,554	1,204	39,262
May.....	1,763	1,917	2,942	1,789	13,586	17,293	1,706	5,027	1,295	38,908
June.....	1,846	1,975	2,878	1,820	13,916	18,131	1,744	4,971	1,253	40,014
July.....	1,933	1,949	2,833	1,748	13,645	17,147	1,719	5,087	1,195	38,793
August.....	1,787	1,810	2,925	1,806	13,795	18,044	1,847	5,567	1,255	40,507
September.....	1,888	2,052	2,952	1,829	14,184	18,026	1,821	5,378	1,259	40,667
October.....	1,870	2,141	2,761	1,852	14,215	17,651	1,801	5,125	1,184	39,976
November.....	1,957	2,286	2,913	2,021	15,010	17,979	1,814	5,884	1,198	41,885
December.....	2,032	2,205	2,737	1,722	14,566	18,366	1,859	6,871	1,238	42,899
Average.....	1,896	2,048	2,875	1,845	14,120	17,725	1,755	5,711	1,227	40,537
1996										
January.....	1,889	2,082	2,904	1,760	R14,071	18,212	1,766	6,211	1,167	R41,426
February.....	2,193	2,227	3,023	1,915	R15,148	18,498	1,867	6,762	1,190	R43,465
March.....	1,990	2,158	2,867	1,857	R14,316	18,180	1,710	6,320	1,168	R41,694
April.....	1,929	1,921	2,743	1,853	R13,856	17,837	1,608	5,616	R1,172	R40,089
May.....	1,819	1,842	2,863	1,844	R13,716	17,857	1,695	5,021	R1,129	R39,418
June.....	1,838	1,868	2,823	1,737	R13,624	18,049	1,710	4,986	R1,145	R39,515
July.....	1,987	2,119	2,959	R1,786	R14,259	18,143	R1,795	R5,387	R1,096	R40,680
August.....	1,837	1,747	3,034	1,755	13,870	18,513	1,786	5,474	1,140	40,783

^{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, November 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 -- PermWell 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, November 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, November 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			Quarter				Quarter			
	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Annual
Supply^{1/}											
OECD											
United States ^{2/}	9.77	9.60	9.41	9.50	9.45	9.27	9.38	9.40	9.36	9.43	9.43
Other OECD.....	8.09	8.40	9.30	9.82	9.43	9.73	10.32	9.83	10.17	10.13	10.19
Total OECD.....	17.85	18.00	18.71	19.32	18.88	19.00	19.70	19.23	19.53	19.55	19.61
Non-OECD											
OPEC.....	26.12	26.92	27.63	27.58	28.01	28.17	28.18	27.99	28.46	28.42	28.67
Former USSR.....	8.93	7.96	7.27	6.92	7.03	6.99	6.90	6.96	7.10	7.08	7.06
Other Non-OECD.....	14.03	14.46	14.97	15.49	15.55	15.88	15.57	15.62	16.04	16.25	16.13
Total Non-OECD.....	49.08	49.34	49.87	49.99	50.59	51.04	50.64	50.57	51.61	51.75	51.85
Total World Supply.....	66.94	67.34	68.59	69.31	69.46	70.05	70.35	69.80	71.14	71.31	71.47
Demand^{3/}											
OECD											
United States ^{2/}	17.03	17.24	17.72	17.64	17.52	17.74	18.00	17.72	18.29	17.91	NA
Other OECD.....	21.74	21.73	22.17	23.56	21.87	22.25	23.58	22.81	23.88	21.75	NA
Total OECD.....	38.77	38.97	39.89	41.20	39.39	39.98	41.58	40.54	42.17	39.67	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
Former USSR.....	6.79	5.45	4.83	5.10	4.60	4.60	4.70	4.75	5.05	4.58	NA
Other Non-OECD.....	18.35	18.83	20.78	21.61	21.24	21.06	22.32	21.56	22.48	22.01	NA
Total Non-OECD.....	27.81	27.23	28.79	30.04	29.20	29.06	30.43	29.68	31.06	30.15	NA
Total World Demand.....	66.57	66.20	68.68	71.24	68.59	69.04	72.01	70.22	73.23	69.82	NA
Stock Draws / Discrepancy											
Net Reported Stock Draws ^{4/}											
U. S. Commercial.....	.05	-.12	.00	.58	-.09	-.12	.62	.25	.86	-.75	NA
U. S. Strategic.....	-.04	-.03	-.01	.00	.00	.00	.00	.00	.03	.05	NA
Other OECD.....	-.42	-.05	-.16	.81	-.53	-.42	.53	.09	.12	-.31	NA
For Export & Afloat.....	-.03	-.04	.03	-.22	.05	-.54	.22	-.12	-.44	-.11	NA
Comm. Floating Storage.....	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	NA
Total Reported Draws.....	-.39	-.24	-.15	1.16	-.57	-1.08	1.36	.22	.56	-1.12	NA
Other Stock Draws and Statistical Discrepancy ^{5/}	.03	-.90	.25	.77	-.31	.07	.30	.21	1.52	-.37	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			Annual			Annual			Quarter			Annual			
	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average
OECD																
United States/...	9.77	9.60	9.41	9.50	9.38	9.40	9.36	9.43	9.43	9.43	9.40	9.36	9.43	9.43	NA	NA
Canada.....	2.13	2.24	2.38	2.43	2.48	2.44	2.40	2.43	2.43	2.43	2.44	2.40	2.43	2.49	NA	NA
North Sea/.....	4.44	4.67	5.38	5.81	6.31	5.81	6.23	6.09	6.10	6.23	5.81	6.23	6.09	6.10	NA	NA
Other OECD.....	1.52	1.48	1.54	1.58	1.60	1.57	1.55	1.60	1.60	1.54	1.57	1.55	1.60	1.59	NA	NA
Total OECD.....	17.85	18.00	18.71	19.32	19.70	19.23	19.53	19.55	19.61	19.54	19.23	19.53	19.55	19.61	NA	NA
Non-OECD																
OPEC																
Crude																
Algeria.....	1.21	1.16	1.18	1.18	1.22	1.20	1.22	1.24	1.25	1.24	1.20	1.22	1.24	1.25	NA	NA
Gabon.....	.30	.31	.33	.33	.35	.34	.36	.37	.37	.37	.34	.36	.37	.37	NA	NA
Indonesia.....	1.50	1.51	1.51	1.51	1.56	1.52	1.54	1.54	1.54	1.54	1.52	1.54	1.54	1.54	NA	NA
Iran.....	3.43	3.54	3.64	3.58	3.69	3.64	3.71	3.67	3.71	3.69	3.64	3.71	3.67	3.71	NA	NA
Iraq.....	.42	.51	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	NA	NA
Kuwait.....	1.06	1.85	2.03	2.07	2.06	2.06	2.05	2.06	2.06	2.05	2.06	2.05	2.06	2.06	NA	NA
Libya.....	1.43	1.36	1.38	1.39	1.39	1.39	1.40	1.40	1.40	1.39	1.39	1.40	1.40	1.40	NA	NA
Nigeria.....	1.94	1.96	2.04	1.96	2.10	2.03	2.18	2.19	2.17	2.10	2.03	2.18	2.19	2.17	NA	NA
Qatar.....	.42	.41	.44	.47	.49	.48	.50	.50	.51	.49	.48	.50	.50	.51	NA	NA
Saudi Arabia..	8.33	8.20	8.15	8.15	8.15	8.23	8.20	8.14	8.24	8.15	8.23	8.20	8.14	8.24	NA	NA
United Arab Emirates...	2.27	2.16	2.26	2.28	2.26	2.27	2.28	2.27	2.28	2.26	2.27	2.28	2.27	2.28	NA	NA
Venezuela.....	2.37	2.45	2.59	2.60	2.86	2.75	2.96	2.99	3.07	2.86	2.75	2.96	2.99	3.07	NA	NA
Natural Gas																
Plant Liquids Processing Gain.....	1.36	1.44	1.47	1.45	1.45	1.46	1.45	1.45	1.46	1.45	1.46	1.45	1.45	1.46	NA	NA
Total OPEC.....	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	NA	NA
Former USSR.....	26.12	26.92	27.63	27.58	28.18	27.99	28.46	28.42	28.67	28.18	27.99	28.46	28.42	28.67	NA	NA
China.....	8.93	7.96	7.27	6.92	6.99	6.96	7.10	7.08	7.06	6.90	6.96	7.10	7.08	7.06	NA	NA
Mexico.....	2.84	2.89	2.94	2.98	3.02	3.02	3.09	3.14	3.11	3.07	3.02	3.09	3.14	3.11	NA	NA
Other Non-OECD.....	3.15	3.16	3.18	3.13	3.21	3.09	3.32	3.38	3.25	2.86	3.09	3.32	3.38	3.25	NA	NA
Total Non-OECD.....	8.04	8.41	8.85	9.38	9.65	9.52	9.63	9.73	9.77	9.63	9.52	9.63	9.73	9.77	NA	NA
Total Supply.....	49.08	49.34	49.87	49.99	51.04	50.57	51.61	51.75	51.85	50.64	50.57	51.61	51.75	51.85	NA	NA
Total Supply.....	66.94	67.34	68.59	69.31	70.05	69.80	71.14	71.31	71.47	70.35	69.80	71.14	71.31	71.47	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
OECD											
United States ^{1/}											
Commercial.....	1,017	1,060	1,061	1,009	1,017	1,028	971	893	962	NA	NA
Strategic.....	575	587	592	592	592	592	592	589	584	NA	NA
U. S. Territories.....	24	25	26	23	26	25	24	22	23	NA	NA
Canada.....	107	105	119	124	128	120	109	108	104	NA	NA
Japan.....	603	618	645	619	640	658	630	627	647	NA	NA
OECD Europe											
France.....	146	158	158	152	166	162	159	157	160	NA	NA
Germany.....	310	309	312	304	301	301	301	296	296	NA	NA
Italy.....	174	163	164	159	168	163	162	153	158	NA	NA
United Kingdom.....	113	118	115	105	102	110	107	106	105	NA	NA
Other OECD Europe.....	476	475	490	469	471	497	499	510	515	NA	NA
Total.....	1,219	1,221	1,240	1,189	1,208	1,232	1,228	1,222	1,233	NA	NA
Australia & New Zealand	43	44	43	45	47	52	47	49	49	NA	NA
Total OECD.....	3,588	3,661	3,726	3,601	3,658	3,707	3,601	3,510	3,601	NA	NA
Stocks for Export											
and Afloat ^{2/}	930	945	935	955	950	1,000	980	1,020	1,030	NA	NA
Commercial Floating ^{3/}	70	70	70	70	70	70	70	70	70	NA	NA

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

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

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

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

Sources: See end of Section 2.

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

	1992	1993	1994	1995				1996					
	Annual			Quarter				Quarter				Annual	
	Average			First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average
OECD													
United States1/.....	17.03	17.24	17.72	17.64	17.52	17.74	18.00	17.72	18.29	17.91	NA	NA	NA
U. S. Territories.....	.22	.24	.26	.24	.26	.25	.20	.24	.21	.19	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
Japan.....	5.45	5.40	5.67	6.37	5.18	5.34	5.96	5.71	6.42	5.21	NA	NA	NA
OECD Europe2/													
France.....	1.93	1.88	1.83	1.95	1.81	1.87	1.95	1.90	2.02	1.86	NA	NA	NA
Italy.....	1.94	1.85	1.84	2.11	1.94	1.94	2.21	2.05	2.15	1.88	NA	NA	NA
United Kingdom.....	1.80	1.81	1.84	1.90	1.80	1.79	1.88	1.84	1.84	1.81	NA	NA	NA
Germany3/.....	2.84	2.90	2.88	2.90	2.90	2.90	2.80	2.88	2.93	2.81	NA	NA	NA
Other OECD Europe.....	5.10	5.08	5.21	5.38	5.32	5.37	5.75	5.45	5.56	5.37	NA	NA	NA
Total OECD Europe.....	13.60	13.52	13.60	14.24	13.77	13.87	14.59	14.12	14.50	13.73	NA	NA	NA
Australia & New Zealand	.82	.88	.92	.97	.99	.99	1.00	.99	.97	.95	NA	NA	NA
Total OECD.....	38.77	38.97	39.89	41.20	39.39	39.98	41.58	40.54	42.17	39.67	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
Former USSR.....	6.79	5.45	4.83	5.10	4.60	4.60	4.70	4.75	5.05	4.58	NA	NA	NA
Other Non-OECD.....	18.35	18.83	20.78	21.61	21.24	21.08	22.32	21.56	22.48	22.01	NA	NA	NA
Total Non-OECD.....	27.81	27.23	28.79	30.04	29.20	29.06	30.43	29.68	31.06	30.15	NA	NA	NA
Total World Demand.....	66.57	66.20	68.68	71.24	68.59	69.04	72.01	70.22	73.23	69.82	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, November 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, November 1986.

Oil Stocks

United States: EIA, Petroleum Supply Annual 1995 and Petroleum Supply Monthly, November 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, November 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)

	OECD Europe							OECD Outside Europe			
	Total	Total	United Kingdom	France	Germany ^{1/}	Italy	Other Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}
Total Net Imports..	20.717	7.226	-0.969	1.721	2.699	1.820	1.955	7.883	-0.756	5.716	0.647
Imports from OPEC ^{5/}	15.756	6.186	.254	.919	.715	1.203	3.096	4.208	.257	4.472	.632
Persian Gulf ^{6/}											
Total.....	9.310	3.365	.135	.647	.172	.494	1.916	1.563	.070	3.979	.334
Bahrain.....	.030	.000	.000	.000	.000	.000	.000	-.003	-	.029	.004
Iran.....	1.551	1.149	.023	.208	.031	.233	.653	.000	.002	.399	.001
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.997	.269	.039	.022	.015	.000	.193	.218	.000	.501	.009
U.A.E.....	1.513	.011	.000	.002	.000	.000	.009	.004	.000	1.420	.078
Qatar.....	.359	.002	.000	.000	.000	.002	.000	.000	-	.335	.023
Saudi Arabia.....	4.861	1.933	.073	.416	.125	.260	1.060	1.344	.069	1.296	.218
Imports from											
OPEC-Africa											
Total.....	3.924	2.532	.065	.270	.465	.679	1.054	1.088	.098	.032	.173
Algeria.....	1.036	.724	.018	.103	.135	.100	.368	.234	.041	.011	.027
Gabon.....	.287	.033	.000	.008	.004	.000	.020	.229	.000	.005	.020
Libya.....	1.201	1.201	.032	.043	.234	.562	.330	.000	.000	-	.000
Nigeria.....	1.400	.575	.015	.115	.093	.017	.336	.625	.058	.016	.126
Imports from											
OPEC-South America											
Total.....	1.882	.273	.054	.002	.078	.014	.125	1.468	.088	.002	.051
Venezuela.....	1.882	.273	.054	.002	.078	.014	.125	1.468	.088	.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	Germany ¹ /	Italy	Other Europe ² /	United States ³ /	Canada	Japan	Other ⁴ /
Total Net Imports..	20.968	6.787	-0.811	1.646	2.665	1.678	1.610	8.812	-0.802	5.513	0.658
Imports from OPEC ⁵ /	15.583	5.920	.256	.889	.652	1.150	2.972	4.420	.260	4.266	.717
Imports from Persian Gulf ⁶ /											
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.....	1.985	.237	.046	.000	.069	.015	.107	1.657	.035	.003	.052
Venezuela.....	1.985	.237	.046	.000	.069	.015	.107	1.657	.035	.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. *Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. *See Section 4 for annual data.

Sources: See end of Section 3.

Table 3.3 Net Oil Imports into OECD Countries, (1st Quarter 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..	20.799	6.785	-0.915	1.724	2.773	1.842	1.361	7.861	-0.760	6.272	0.642
Imports from OPEC5/	16.133	6.172	.226	.910	.681	1.288	3.068	4.135	.323	4.851	.652
Imports from Persian Gulf6/											
Total.....	9.482	3.347	.131	.613	.100	.547	1.956	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.....	4.838	1.833	.063	.408	.075	.253	1.034	1.319	.088	1.421	.177
Imports from OPEC-Africa											
Total.....	4.135	2.616	.058	.294	.546	.715	1.003	1.063	.132	.068	.256
Algeria.....	1.084	.747	.021	.079	.184	.106	.358	.252	.067	.011	.007
Gabon.....	.288	.042	.000	.023	.010	.000	.009	.172	.000	.016	.058
Libya.....	1.216	1.216	.028	.048	.262	.589	.290	.000	.000	-	.000
Nigeria.....	1.547	.611	.010	.144	.090	.020	.346	.639	.066	.041	.191
Imports from OPEC-South America											
Total.....	1.846	.182	.036	.003	.034	.000	.109	1.547	.065	.002	.051
Venezuela.....	1.846	.182	.036	.003	.034	.000	.109	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 (.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					
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total.....	21.577	20.310	20.655	20.449	20.943	20.212	21.464	21.555	21.278	20.059	21.924	22.099
United States1/.....	8.921	7.614	8.050	7.489	8.202	7.240	8.101	8.381	9.023	9.025	8.608	8.970
Canada.....	-.604	-.691	-.741	-.993	-.929	-.693	-.654	-.818	-.783	-.807	-.373	-.570
OECD Europe2/.....	7.144	7.258	6.911	7.542	6.816	7.059	6.758	7.566	6.721	6.077	7.824	6.627
Main European Importers												
France.....	1.745	1.638	1.713	1.778	1.596	1.818	1.764	1.928	1.556	1.457	1.895	1.496
Germany3/.....	2.712	2.754	2.556	2.704	2.781	2.849	2.694	2.632	2.663	2.700	2.873	2.887
Italy.....	1.591	1.925	1.862	1.991	1.934	1.764	1.822	1.691	1.729	1.611	1.749	1.757
Spain.....	1.243	1.386	1.247	1.249	1.055	1.139	1.090	1.206	1.151	1.200	1.190	1.106
Netherlands.....	.866	.654	.465	.676	.764	.628	.545	.790	.788	.757	.825	.680
European Net Exporters												
Norway.....	-2.716	-3.042	-3.057	-2.950	-3.051	-3.310	-2.970	-3.180	-2.954	-3.391	-2.954	-3.346
United Kingdom.....	-1.026	-.964	-1.007	-.904	-.993	-.970	-.785	-.721	-.865	-.846	-.912	-.860
Smaller European Importers												
Austria.....	.158	.194	.196	.214	.190	.214	.181	.232	.198	.212	.185	.155
Belgium.....	.464	.463	.524	.544	.531	.702	.542	.576	.531	.478	.560	.509
Denmark.....	.023	.027	.038	.062	.005	.044	.033	.074	.013	.059	.029	.004
Ireland.....	.097	.120	.113	.107	.115	.105	.111	.135	.142	.108	.147	.102
Finland.....	.112	.142	.202	.208	.021	.132	.051	.243	.062	.186	.218	.162
Greece.....	.284	.368	.462	.313	.333	.359	.353	.449	.335	.294	.224	.380
Iceland.....	.009	.014	.020	.007	.018	.011	.014	.002	.014	.013	.014	.019
Luxembourg.....	.037	.038	.036	.035	.040	.042	.037	.041	.039	.037	.039	.035
Portugal.....	.302	.347	.262	.289	.274	.272	.215	.320	.242	.201	.381	.239
Sweden.....	.250	.385	.426	.365	.331	.307	.384	.317	.297	.263	.518	.394
Switzerland.....	.264	.245	.255	.232	.249	.258	.235	.238	.233	.251	.264	.265
Turkey.....	.728	.564	.597	.619	.622	.694	.442	.590	.559	.485	.578	.645
Japan.....	5.391	5.528	5.723	5.879	6.125	6.081	6.596	5.772	5.591	5.174	5.059	6.367
Other OECD.....	.724	.601	.712	.532	.730	.525	.663	.655	.726	.590	.806	.704

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					
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total.....	16.227	16.300	15.978	16.058	16.023	15.937	16.426	15.984	15.715	15.045	15.694	16.448
United States ¹ /.....	4.747	4.178	4.408	4.076	4.247	3.866	4.274	4.181	4.615	4.457	4.757	4.766
Canada.....	.288	.274	.351	.204	.390	.293	.284	.232	.243	.304	.240	.235
OECD Europe ² /.....	6.353	6.678	5.947	6.615	5.874	6.516	6.148	6.220	5.862	5.679	6.093	5.752
Main European Importers												
France.....	.925	1.059	.774	.836	.803	.918	1.009	.958	.928	.781	1.142	.720
Germany ³ /.....	.698	.757	.498	.646	.708	.665	.669	.684	.648	.623	.716	.619
Italy.....	1.132	1.350	1.247	1.428	1.161	1.365	1.341	1.199	1.072	1.182	1.148	1.241
Spain.....	.824	.788	.960	.982	.725	.709	.844	.756	.726	.852	.692	.719
Netherlands.....	.968	.935	.869	.808	.721	.914	.612	.780	.739	.588	.817	.681
European Net Exporters												
Norway.....	.000	.007	.001	.000	.001	.000	.000	.000	.009	.000	.000	.000
United Kingdom.....	.271	.257	.224	.251	.236	.222	.220	.216	.305	.247	.158	.234
Smaller European Importers												
Austria.....	.038	.134	.138	.134	.011	.038	.011	.000	.000	.000	.000	.000
Belgium.....	.304	.245	.233	.298	.328	.329	.267	.259	.286	.283	.249	.310
Denmark.....	.020	.024	.025	.025	.025	.026	.025	.051	.024	.000	.000	.024
Ireland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.015	.000	.000	.000	.001	.003	.000	.000	.000	.000	.000	.000
Greece.....	.225	.241	.284	.245	.196	.254	.289	.273	.293	.295	.198	.314
Portugal.....	.221	.199	.125	.201	.147	.194	.173	.313	.150	.134	.222	.161
Sweden.....	.048	.102	.017	.133	.173	.197	.195	.145	.114	.138	.209	.121
Switzerland.....	.089	.080	.093	.101	.107	.114	.086	.084	.082	.110	.097	.105
Turkey.....	.577	.499	.458	.527	.533	.567	.408	.502	.486	.445	.445	.502
Japan.....	4.124	4.415	4.574	4.495	4.800	4.660	5.079	4.583	4.322	3.892	3.862	4.846
Other OECD.....	.715	.755	.699	.668	.711	.603	.640	.768	.672	.713	.742	.849

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.

*Zerces (.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					
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total.....	9.465	9.610	9.392	9.346	9.485	9.344	9.608	9.481	9.156	8.598	8.715	9.588
United States ¹ /.....	1.685	1.521	1.660	1.574	1.523	1.341	1.543	1.467	1.743	1.521	1.812	1.746
Canada.....	.144	.140	.068	.000	.179	.071	.125	.186	.163	.110	.130	.127
OECD Europe ² /.....	3.581	3.719	3.243	3.408	3.293	3.548	3.214	3.376	2.975	3.135	2.972	3.030
Main European Importers												
France.....	.655	.749	.530	.530	.600	.637	.604	.656	.545	.465	.705	.459
Germany ³ /.....	.179	.170	.088	.098	.102	.080	.118	.125	.134	.187	.178	.153
Italy.....	.469	.695	.505	.626	.494	.546	.601	.501	.307	.516	.447	.513
Spain.....	.363	.376	.409	.400	.322	.312	.353	.304	.369	.372	.235	.299
Netherlands.....	.683	.617	.634	.605	.532	.724	.457	.623	.534	.500	.543	.520
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom.....	.149	.082	.143	.087	.180	.095	.116	.086	.113	.120	.038	.083
Smaller European Importers												
Austria.....	.038	.050	.052	.050	.011	.038	.011	.000	.000	.000	.000	.000
Belgium.....	.280	.220	.215	.274	.319	.301	.242	.235	.256	.257	.233	.272
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.007	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Greece.....	.172	.222	.239	.232	.164	.221	.250	.237	.265	.261	.076	.270
Portugal.....	.143	.099	.039	.130	.081	.110	.051	.143	.036	.019	.102	.038
Sweden.....	.024	.077	.000	.088	.121	.137	.136	.100	.080	.096	.141	.081
Switzerland.....	.015	.010	.005	.000	.004	.000	.005	.005	.009	.010	.009	.009
Turkey.....	.403	.353	.383	.287	.363	.348	.270	.361	.326	.332	.265	.333
Japan.....	3.699	3.912	4.031	4.046	4.239	4.103	4.514	4.097	3.948	3.513	3.421	4.324
Other OECD.....	.356	.318	.390	.317	.252	.281	.212	.355	.326	.319	.381	.362

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

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

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

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

•A dash (-) indicates no trade. •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 3.7 United States—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1995					1996						
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total Net Imports..	8.921	7.614	8.050	7.489	8.202	7.240	8.101	8.381	9.023	9.025	8.608	8.970
Imports from OPEC ¹ /	4.747	4.178	4.408	4.076	4.247	3.866	4.274	4.181	4.615	4.457	4.757	4.766
Imports from Persian Gulf ² /												
Total.....	1.685	1.521	1.660	1.574	1.523	1.341	1.543	1.467	1.743	1.521	1.812	1.746
Bahrain.....	-.003	.000	-.001	-.005	-.003	-.003	-.001	-.003	.000	.000	-.004	.000
Iran.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.187	.250	.238	.215	.148	.216	.127	.201	.230	.388	.266	.271
U.A.E.....	.027	.012	-.006	-.013	-.020	.000	-.002	-.019	-.005	-.005	.002	-.002
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	1.474	1.259	1.429	1.377	1.398	1.128	1.419	1.288	1.518	1.138	1.548	1.477
Imports from OPEC-Africa												
Total.....	1.317	1.140	1.156	.975	1.174	1.024	.989	.941	1.192	1.241	1.223	1.256
Algeria.....	.250	.229	.241	.152	.313	.200	.241	.211	.333	.313	.312	.315
Gabon.....	.216	.270	.271	.171	.171	.191	.154	.212	.154	.218	.191	.156
Libya.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.851	.641	.644	.652	.690	.633	.594	.518	.705	.710	.720	.785
Imports from OPEC-South America												
Total.....	1.648	1.430	1.484	1.453	1.495	1.457	1.683	1.716	1.631	1.626	1.662	1.714
Venezuela.....	1.648	1.430	1.484	1.453	1.495	1.457	1.683	1.716	1.631	1.626	1.662	1.714
Imports from OPEC-Far East												
Total.....	.094	.087	.107	.069	.052	.041	.058	.054	.049	.069	.056	.050
Indonesia.....	.094	.087	.107	.069	.052	.041	.058	.054	.049	.069	.056	.050

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

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

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

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

Sources: See end of Section 3.

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

	1995												1996			
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August				
Total Net Imports...	5.391	5.528	5.723	5.879	6.125	6.081	6.596	5.772	5.591	5.174	5.059	6.367				
Imports from OPEC1/	4.124	4.415	4.574	4.495	4.800	4.660	5.079	4.583	4.322	3.892	3.862	4.846				
Imports from																
Persian Gulf2/																
Total.....	3.699	3.912	4.031	4.046	4.239	4.103	4.514	4.097	3.948	3.513	3.421	4.324				
Bahrain.....	.033	.000	.016	.039	.060	.022	.032	.025	.047	.042	.015	.014				
Iran.....	.267	.439	.467	.300	.446	.564	.496	.483	.399	.332	.191	.440				
Kuwait.....	.569	.511	.542	.516	.561	.455	.545	.507	.474	.449	.505	.535				
U.A.E.....	1.285	1.515	1.425	1.498	1.427	1.314	1.538	1.477	1.223	1.264	1.283	1.500				
Qatar.....	.368	.292	.363	.296	.330	.353	.452	.352	.409	.324	.277	.393				
Saudi Arabia.....	1.177	1.154	1.219	1.396	1.414	1.395	1.452	1.252	1.396	1.104	1.150	1.442				
Imports from																
OPEC-Africa																
Total.....	.038	.000	.062	.000	.073	.029	.098	.035	.016	.019	.011	.044				
Algeria.....	.038	.000	.000	.000	.007	.008	.018	.019	.003	.019	.011	.010				
Gabon.....	.000	.000	.000	.000	.026	.000	.020	.000	.000	.000	.000	.021				
Nigeria.....	.000	.000	.062	.000	.039	.021	.060	.016	.012	.000	.000	.013				
Imports from																
OPEC-South America																
Total.....	.000	.000	.000	.007	.006	.000	.000	.000	.010	.000	.000	.000				
Venezuela.....	.000	.000	.000	.007	.006	.000	.000	.000	.010	.000	.000	.000				
Imports from																
OPEC-Far East																
Total.....	.420	.504	.497	.482	.543	.549	.499	.476	.395	.402	.446	.492				
Indonesia.....	.420	.504	.497	.482	.543	.549	.499	.476	.395	.402	.446	.492				

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

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

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis.

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

Sources: See end of Section 3.

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

	1995						1996					
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total Net Imports..	7.144	7.258	6.911	7.542	6.816	7.059	6.758	7.566	6.721	6.077	7.824	6.627
Imports from OPEC1/	6.353	6.678	5.947	6.615	5.874	6.516	6.148	6.220	5.862	5.679	6.093	5.752
Imports from Persian Gulf2/												
Total.....	3.581	3.719	3.243	3.408	3.293	3.548	3.214	3.376	2.975	3.135	2.972	3.030
Bahrain.....	.001	.001	.000	.000	.003	.000	.000	.000	.000	.000	.000	.000
Iran.....	1.200	1.273	1.085	1.260	1.061	1.259	1.178	1.105	1.072	1.230	1.009	1.019
Iraq.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.231	.219	.283	.302	.281	.447	.301	.289	.257	.224	.291	.205
U.A.E.....	.020	.016	.005	.000	.004	.004	.000	.000	.000	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.019	.000	.000	.000	.000	.000
Saudi Arabia.....	2.128	2.210	1.870	1.846	1.945	1.838	1.716	1.983	1.646	1.681	1.671	1.806
Imports from OPEC-Africa												
Total.....	2.499	2.630	2.451	2.929	2.433	2.735	2.688	2.595	2.604	2.326	2.761	2.445
Algeria.....	.828	.762	.666	.934	.684	.835	.729	.728	.678	.643	.753	.541
Gabon.....	.000	.012	.035	.030	.045	.070	.012	.000	.009	.033	.020	.000
Libya.....	1.159	1.173	1.121	1.311	1.204	1.188	1.256	1.202	1.201	1.099	1.331	1.315
Nigeria.....	.512	.684	.630	.655	.500	.642	.692	.664	.716	.550	.657	.589
Imports from OPEC-South America												
Total.....	.258	.315	.235	.260	.116	.215	.218	.242	.266	.201	.253	.261
Venezuela.....	.258	.315	.235	.260	.116	.215	.218	.242	.266	.201	.253	.261
Imports from OPEC-Far East												
Total.....	.017	.016	.018	.017	.035	.018	.028	.007	.017	.018	.108	.017
Indonesia.....	.017	.016	.018	.017	.035	.018	.028	.007	.017	.018	.108	.017

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

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

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

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

*See Section 4 for annual data.

Sources: See end of Section 3.

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

	1995						1996					
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total Net Imports..	1.745	1.638	1.713	1.778	1.596	1.818	1.764	1.928	1.556	1.457	1.895	1.496
Imports from OPEC1/	.925	1.059	.774	.836	.803	.918	1.009	.958	.928	.781	1.142	.720
Imports from												
Persian Gulf2/												
Total.....	.655	.749	.530	.530	.600	.637	.604	.656	.545	.465	.705	.459
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.159	.251	.203	.217	.227	.129	.254	.192	.145	.164	.246	.153
Kuwait.....	.000	.000	.002	.000	.000	.000	.000	.062	.000	.000	.063	.000
U.A.E.....	.000	.016	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.496	.482	.324	.313	.372	.507	.351	.402	.401	.301	.395	.306
Imports from												
OPEC-Africa												
Total.....	.265	.311	.245	.307	.195	.282	.405	.303	.382	.316	.437	.261
Algeria.....	.115	.134	.120	.107	.061	.039	.134	.138	.112	.118	.089	.106
Gabon.....	.000	.000	.000	.030	.036	.034	.000	.000	.000	.033	.000	.000
Libya.....	.027	.046	.028	.022	.041	.037	.065	.026	.032	.028	.075	.079
Nigeria.....	.123	.131	.098	.149	.056	.172	.206	.138	.238	.137	.273	.076
Imports from												
OPEC-South America												
Total.....	.005	.000	.000	.000	.009	.000	.000	.000	.000	.000	.000	.000
Venezuela.....	.005	.000	.000	.000	.009	.000	.000	.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. •Zeroes (.000) indicate net imports of less than 0.0005 million barrels per day. •See Section 4 for annual data.

Sources: See end of Section 3.

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

	1995						1996					
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total Net Imports..	2.712	2.754	2.556	2.704	2.781	2.849	2.694	2.632	2.663	2.700	2.873	2.887
Imports from OPEC1/	.698	.757	.498	.646	.708	.665	.669	.684	.648	.623	.716	.619
Imports from Persian Gulf2/												
Total.....	.179	.170	.088	.098	.102	.080	.118	.125	.134	.187	.178	.153
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.030	.037	.011	.006	.018	.001	.018	.007	.004	.038	.033	.029
Kuwait.....	.010	.011	.019	.010	.014	.006	.018	.021	.012	.005	.016	.015
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.....	.139	.123	.058	.083	.070	.073	.082	.097	.117	.144	.129	.109
Imports from OPEC-Africa												
Total.....	.450	.507	.327	.488	.566	.536	.536	.468	.440	.394	.462	.418
Algeria.....	.165	.147	.106	.134	.208	.197	.148	.184	.162	.079	.115	.055
Gabon.....	.000	.012	.005	.000	.000	.027	.003	.000	.000	.000	.000	.000
Libya.....	.206	.261	.164	.280	.267	.262	.257	.263	.185	.214	.320	.292
Nigeria.....	.079	.087	.051	.074	.090	.050	.128	.021	.092	.101	.027	.071
Imports from OPEC-South America												
Total.....	.069	.080	.083	.060	.040	.049	.014	.091	.073	.042	.076	.049
Venezuela.....	.069	.080	.083	.060	.040	.049	.014	.091	.073	.042	.076	.049
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					
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total Net Imports..	1.591	1.925	1.862	1.991	1.934	1.764	1.822	1.691	1.729	1.611	1.749	1.757
Imports from OPEC ^{1/}	1.132	1.350	1.247	1.428	1.161	1.365	1.341	1.199	1.072	1.182	1.148	1.241
Imports from												
Persian Gulf ^{2/}												
Total.....	.469	.695	.505	.626	.494	.546	.601	.501	.307	.516	.447	.513
Bahrain.....	.001	.001	.000	.000	.003	.000	.000	.000	.000	.000	.000	.000
Iran.....	.180	.411	.305	.308	.234	.336	.295	.228	.115	.297	.281	.301
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	.019	.000	.000	.000	.000	.000
Saudi Arabia.....	.288	.283	.201	.317	.258	.211	.287	.273	.192	.219	.165	.211
Imports from												
OPEC-Africa												
Total.....	.630	.620	.706	.768	.635	.801	.713	.681	.715	.648	.684	.687
Algeria.....	.116	.044	.130	.168	.083	.147	.089	.081	.116	.096	.123	.095
Gabon.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.020	.000
Libya.....	.484	.543	.556	.579	.552	.591	.623	.600	.561	.552	.541	.592
Nigeria.....	.029	.033	.020	.021	.000	.063	.000	.000	.039	.000	.000	.000
Imports from												
OPEC-South America												
Total.....	.018	.021	.018	.017	.000	.000	.000	.010	.034	.000	.000	.024
Venezuela.....	.018	.021	.018	.017	.000	.000	.000	.010	.034	.000	.000	.024
Imports from												
OPEC-Far East												
Total.....	.017	.016	.017	.017	.034	.018	.028	.007	.017	.018	.017	.017
Indonesia.....	.017	.016	.017	.017	.034	.018	.028	.007	.017	.018	.017	.017

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

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

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

Sources: See end of Section 3.

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

	1995						1996					
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August
Total.....	0.987	0.989	1.072	1.033	1.113	1.129	0.983	0.999	0.972	1.063	1.091	1.030
United States ^{1/}	.187	.250	.238	.215	.148	.216	.127	.201	.230	.388	.266	.271
Canada.....	.000	.000	.000	.000	.113	.000	.000	.000	.000	.000	.000	.000
OECD Europe ^{2/}	.231	.219	.283	.302	.281	.447	.301	.289	.257	.224	.291	.205
Main European Importers												
France.....	.000	.000	.002	.000	.000	.000	.000	.062	.000	.000	.063	.000
Germany ^{3/}	.010	.011	.019	.010	.014	.006	.018	.021	.012	.005	.016	.015
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.....	.176	.153	.217	.191	.168	.350	.158	.136	.199	.143	.212	.144
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom.....	.030	.056	.029	.028	.030	.033	.057	.030	.029	.059	.000	.029
Smaller European Importers												
Austria.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Belgium.....	.000	.000	.000	.043	.053	.042	.052	.025	.001	.000	.000	.000
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Greece.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Portugal.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Sweden.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Switzerland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Turkey.....	.016	.000	.016	.031	.016	.016	.016	.016	.016	.016	.000	.016
Japan.....	.569	.511	.542	.516	.561	.455	.545	.507	.474	.449	.505	.535
Other OECD.....	.000	.009	.009	.000	.010	.011	.010	.002	.010	.003	.029	.019

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

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

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

Sources: See end of Section 3.

Sources for Section 3 (International Oil Imports)

Oil Imports

United States: • Energy Information Administration (EIA), Petroleum Supply Annual 1995 and Petroleum Supply Monthly, November 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/ Libya	Nigeria	Qatar	Saudi Arabia/ Emirates	United Arab Emirates	Venezuela	Total OPEC	
1970 Average.....	1,029	109	854	3,829	1,549	2,990	3,318	1,083	362	3,799	780	3,708	23,410
1971 Average.....	785	115	892	4,540	1,694	3,197	2,761	1,531	431	4,769	1,060	3,549	25,324
1972 Average.....	1,062	125	1,081	5,023	1,466	3,283	2,239	1,816	482	6,016	1,203	3,220	27,016
1973 Average.....	1,097	150	1,339	5,861	2,018	3,020	2,175	2,054	570	7,596	1,533	3,366	30,779
1974 Average.....	1,009	202	1,375	6,022	1,971	2,546	1,521	2,255	518	8,480	1,679	2,976	30,552
1975 Average.....	983	223	1,307	5,350	2,262	2,084	1,480	1,783	438	7,075	1,664	2,346	26,994
1976 Average.....	1,075	223	1,504	5,883	2,415	2,145	1,933	2,067	497	8,577	1,936	2,294	30,549
1977 Average.....	1,152	222	1,686	5,663	2,348	1,969	2,063	2,085	445	9,245	1,999	2,238	31,115
1978 Average.....	1,231	209	1,635	5,242	2,563	2,131	1,983	1,897	487	8,301	1,831	2,165	29,673
1979 Average.....	1,224	203	1,591	3,168	3,477	2,500	2,092	2,302	508	9,532	1,831	2,356	30,784
1980 Average.....	1,106	175	1,577	1,662	2,514	1,656	1,787	2,055	472	9,900	1,709	2,168	26,781
1981 Average.....	1,002	151	1,605	1,380	1,000	1,125	1,140	1,433	405	9,815	1,474	2,102	22,632
1982 Average.....	987	156	1,339	2,214	1,012	823	1,150	1,295	330	6,483	1,250	1,895	18,934
1983 Average.....	968	157	1,343	2,440	1,005	1,064	1,105	1,241	295	5,086	1,149	1,801	17,654
1984 Average.....	1,014	157	1,412	2,174	1,209	1,157	1,087	1,388	394	4,663	1,146	1,798	17,599
1985 Average.....	1,037	172	1,325	2,250	1,433	1,023	1,059	1,495	301	3,388	1,193	1,677	16,353
1986 Average.....	945	166	1,390	2,035	1,690	1,419	1,034	1,467	308	4,870	1,330	1,787	18,441
1987 Average.....	1,048	155	1,343	2,298	2,079	1,585	972	1,341	293	4,265	1,541	1,752	18,672
1988 Average.....	1,040	159	1,342	2,240	2,685	1,492	1,175	1,450	346	5,086	1,565	1,903	20,483
1989 Average.....	1,095	208	1,409	2,810	2,897	1,783	1,150	1,716	380	6,410	1,860	2,137	22,279
1990 Average.....	1,175	270	1,462	3,088	2,040	1,175	1,375	1,810	406	8,115	2,117	2,375	23,465
1991 Average.....	1,230	294	1,592	3,312	305	1,190	1,483	1,892	395	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	1,943	423	8,332	2,266	2,371	24,695
1993 Average.....	1,162	313	1,511	3,540	512	1,852	1,361	1,960	413	8,198	2,159	2,450	25,431
1994 Average.....	1,180	329	1,514	3,635	553	2,034	1,378	2,037	444	8,147	2,263	2,588	26,101
1995 Average P.....	1,197	341	1,523	3,643	555	2,057	1,390	2,028	483	8,231	2,274	2,750	26,473

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

P=Preliminary.

Notes: •OPEC=Organization of Petroleum Exporting Countries.

Sources: See end of Section 4.

Table 4.1b World Crude Oil Production (Including Lease Condensate), 1970-1995
(Thousand Barrels per Day)

	Norway	United Kingdom	North Sea/ Seal/	Angola	Argentina	Australia	Brazil	Canada	China	Colombia	Ecuador
1970 Average.....	0	2	0	112	393	178	167	1,263	600	219	4
1971 Average.....	6	2	6	93	423	309	174	1,348	780	214	4
1972 Average.....	33	2	35	140	433	327	167	1,532	900	196	78
1973 Average.....	32	2	36	162	420	369	169	1,798	1,090	184	209
1974 Average.....	35	2	38	169	414	388	176	1,551	1,315	168	177
1975 Average.....	189	12	202	165	395	409	177	1,430	1,490	157	161
1976 Average.....	279	245	525	108	398	426	167	1,314	1,670	146	188
1977 Average.....	280	768	1,055	194	431	431	161	1,321	1,874	138	183
1978 Average.....	356	1,082	1,446	131	453	432	160	1,316	2,082	131	202
1979 Average.....	403	1,568	1,976	147	473	441	166	1,500	2,122	124	214
1980 Average.....	528	1,622	2,151	150	491	380	182	1,435	2,114	126	204
1981 Average.....	501	1,811	2,322	130	496	394	213	1,285	2,012	125	211
1982 Average.....	520	2,065	2,617	122	491	370	260	1,271	2,045	141	211
1983 Average.....	614	2,291	2,965	177	491	416	339	1,356	2,120	152	237
1984 Average.....	697	2,480	3,250	208	478	492	475	1,438	2,296	168	258
1985 Average.....	788	2,530	3,417	231	460	575	564	1,471	2,505	176	281
1986 Average.....	870	2,539	3,547	282	434	520	572	1,474	2,620	305	293
1987 Average.....	1,022	2,406	3,584	360	428	547	566	1,535	2,690	385	174
1988 Average.....	1,158	2,232	3,540	452	449	538	554	1,616	2,730	378	302
1989 Average.....	1,554	1,802	3,515	455	460	490	596	1,560	2,757	403	279
1990 Average.....	1,704	1,820	3,667	475	483	575	631	1,553	2,774	440	285
1991 Average.....	1,890	1,797	3,811	500	485	545	630	1,548	2,835	419	299
1992 Average.....	2,230	1,825	4,182	526	553	535	626	1,605	2,845	433	321
1993 Average.....	2,350	1,915	4,403	509	594	503	643	1,679	2,890	456	344
1994 Average.....	2,521	2,375	5,058	538	650	536	671	1,793	2,939	455	379
1995 Average P.....	2,768	2,489	5,406	646	713	562	695	1,817	3,015	589	392

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

Sources: See end of Section 4.

Table 4.1c World Crude Oil Production (Including Lease Condensate), 1970-1995
(Thousand Barrels per Day)

	Egypt	India	Malaysia	Mexico	Oman	Russia	Former U.S.S.R.	Syria	United States	Other ^{1/}	World
1970 Average.....	326	144	18	487	332	—	6,985	80	9,637	1,529	45,886
1971 Average.....	293	143	69	486	294	—	7,475	100	9,463	1,518	48,518
1972 Average.....	231	156	93	505	282	—	7,890	124	9,441	1,592	51,138
1973 Average.....	165	147	91	465	293	—	8,324	105	9,208	1,667	55,679
1974 Average.....	150	156	81	571	290	—	8,912	124	8,774	1,711	55,716
1975 Average.....	235	165	98	705	343	—	9,523	170	8,375	1,636	52,828
1976 Average.....	330	175	165	831	366	—	10,060	175	8,132	1,620	57,344
1977 Average.....	415	199	184	981	341	—	10,603	188	8,245	1,655	59,707
1978 Average.....	485	226	217	1,209	315	—	11,105	170	8,707	1,706	60,158
1979 Average.....	525	245	283	1,461	295	—	11,384	166	8,552	1,821	62,674
1980 Average.....	595	182	283	1,936	282	—	11,706	164	8,597	1,842	59,600
1981 Average.....	598	325	264	2,313	319	—	11,850	166	8,572	1,892	56,076
1982 Average.....	670	390	306	2,748	324	—	11,912	160	8,649	1,859	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	—	—	481	7,171	3,233	60,216
1993 Average.....	890	534	640	2,673	776	—	—	554	6,847	3,288	60,246
1994 Average.....	896	590	645	2,689	815	—	—	560	6,662	3,408	61,358
1995 Average P.....	920	703	682	2,618	851	—	—	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	Indo- nesia	Iran	Iraq	Kuwait ^{1/}	Libya	Nigeria	Qatar	Saudi Arabia ^{1/}	United Arab Emirates	Vene- zuela	Total OPEC
1980 Average...	1,006	175	1,497	1,662	2,514	1,656	1,787	2,045	472	9,900	1,704	2,147	26,565
1981 Average...	802	151	1,513	1,380	1,000	1,125	1,140	1,423	405	9,815	1,469	2,083	22,306
1982 Average...	712	156	1,247	2,214	1,012	823	1,150	1,285	330	6,483	1,215	1,878	18,505
1983 Average...	648	157	1,245	2,440	1,005	1,064	1,105	1,231	295	5,086	1,109	1,768	17,153
1984 Average...	694	157	1,279	2,174	1,209	1,157	1,087	1,368	394	4,663	1,091	1,689	16,962
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,059	1,475	301	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,034	1,447	308	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	293	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	305	190	1,483	1,832	395	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,433	1,820	423	8,332	2,206	2,334	23,856
1993 Average...	747	313	1,327	3,540	512	1,852	1,361	1,835	413	8,198	2,109	2,410	24,617
1994 Average...	750	329	1,334	3,600	548	2,034	1,378	1,887	409	8,147	2,183	2,542	25,141
1995 Average P.	767	341	1,343	3,608	550	2,057	1,390	1,876	449	8,231	2,197	2,710	25,520

^{1/} Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1980 through July 1990 and beginning in June 1991. 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/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1973 December.....	201	152	181	156	1,070	1,008	140	303	67	2,588
1974 December.....	249	167	213	191	1,227	1,074	145	370	64	2,880
1975 December.....	225	143	187	165	1,154	1,133	174	375	67	2,903
1976 December.....	234	143	208	165	1,205	1,112	153	380	68	2,918
1977 December.....	239	161	225	148	1,268	1,312	167	409	68	3,224
1978 December.....	201	154	238	157	1,219	1,278	144	413	68	3,122
1979 December.....	226	163	272	169	1,353	1,341	150	460	75	3,379
1980 December.....	243	170	319	168	1,464	1,392	164	495	72	3,587
1981 December.....	214	167	297	143	1,337	1,484	161	482	67	3,531
1982 December.....	193	179	272	125	1,258	1,430	136	484	68	3,376
1983 December.....	153	149	249	118	1,142	1,454	121	470	68	3,255
1984 December.....	152	159	239	112	1,130	1,556	128	479	69	3,362
1985 December.....	139	157	233	123	1,092	1,519	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	1,593	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	1,607	126	540	71	3,474
1988 December.....	140	155	266	112	1,118	1,597	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	1,581	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	1,621	121	590	73	3,568
1991 December.....	153	160	288	119	1,181	1,617	119	606	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	1,647	105	618	69	3,661
1994 December.....	158	164	312	115	1,240	1,653	119	645	69	3,726
1995 December P....	159	162	301	107	1,228	1,563	109	630	71	3,601

^{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.

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	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	46,808
1971 Average...	2,115	1,838	2,702	2,141	13,005	15,213	1,565	4,142	831	34,755	238	49,416
1972 Average...	2,322	1,947	2,859	2,284	13,934	16,367	1,664	4,363	948	37,275	270	53,094
1973 Average...	2,601	2,068	3,055	2,341	14,925	17,308	1,729	4,949	988	39,900	282	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	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	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	59,673
1977 Average...	2,294	1,897	2,865	1,905	13,916	18,431	1,850	4,880	1,160	40,237	347	61,826
1978 Average...	2,463	1,952	2,927	1,938	14,290	18,847	1,902	4,945	1,204	41,187	363	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	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	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	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	59,503
1983 Average...	1,835	1,750	2,324	1,531	11,765	15,231	1,448	4,395	954	33,793	336	58,744
1984 Average...	1,754	1,646	2,322	1,849	11,736	15,726	1,472	4,576	989	34,500	340	59,836
1985 Average...	1,775	1,717	2,338	1,634	11,681	15,726	1,504	4,384	976	34,271	362	60,098
1986 Average...	1,772	1,738	2,498	1,649	12,102	16,281	1,506	4,439	951	35,279	362	61,762
1987 Average...	1,789	1,855	2,424	1,603	12,255	16,665	1,548	4,484	959	35,911	342	63,010
1988 Average...	1,797	1,836	2,422	1,697	12,427	17,283	1,693	4,752	939	37,093	322	64,832
1989 Average...	1,857	1,930	2,280	1,738	12,531	17,325	1,733	4,983	998	37,570	301	66,030
1990 Average...	1,818	1,872	2,382	1,752	12,629	16,988	1,690	5,140	1,027	37,475	283	66,155
1991 Average...	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	---	---	66,715
1992 Average...	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	---	---	66,574
1993 Average...	1,875	1,852	2,900	1,815	13,523	17,237	1,688	5,401	1,117	---	---	66,199
1994 Average...	1,833	1,841	2,879	1,837	13,597	17,718	1,727	5,674	1,176	---	---	68,683
1995 Average P.	1,896	2,048	2,875	1,845	14,120	17,725	1,755	5,711	1,227	---	---	R70,219

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	20.717
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	7.226
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	2.639
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	.356
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
Total	10.531	12.408	12.414	13.115	14.602	15.675	15.597	15.809	16.259	16.054	15.756
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	.257
OECD Europe ^{2/}	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446	6.186
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	.796
Spain.....	.553	.600	.564	.608	.689	.655	.702	.637	.585	.684	.789
European Net Exporters											
Norway.....	.005	.008	.002	.002	.003	.007	.014	.004	.005	.003	.003
United Kingdom.....	.308	.328	.277	.323	.342	.406	.377	.390	.439	.306	.254
Smaller European Importers											
Austria.....	.087	.090	.087	.082	.086	.097	.108	.115	.127	.119	.057
Belgium.....	.159	.288	.257	.302	.353	.313	.362	.359	.359	.284	.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	.004
Greece.....	.197	.273	.279	.233	.244	.343	.298	.346	.303	.266	.263
Portugal.....	.113	.120	.101	.118	.156	.166	.139	.158	.166	.236	.217
Sweden.....	.051	.086	.062	.074	.064	.073	.105	.116	.123	.126	.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	.632

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

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

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

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development; OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in these groups. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1995 are preliminary.

Sources: See end of Section 4.

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

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Imports from Persian Gulf											
Total.....	5.585	7.228	7.392	7.941	9.121	9.667	9.249	9.456	10.029	9.609	9.310
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	3.365
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	.563
Spain.....	.264	.328	.295	.306	.352	.291	.281	.231	.287	.275	.324
European Net Exporters											
Norway.....	.003	.006	.002	-	-	.000	.011	.000	.000	.000	.000
United Kingdom...	.144	.173	.164	.212	.240	.250	.222	.220	.303	.174	.135
Smaller European Importers											
Austria.....	.023	.011	.026	.025	.022	.016	.021	.031	.036	.038	.035
Belgium.....	.088	.182	.162	.224	.277	.250	.279	.292	.291	.232	.252
Denmark.....	.022	.024	.047	.063	.067	.043	.004	.000	.002	.000	.000
Ireland.....	.000	-	-	-	-	-	-	-	-	-	-
Finland.....	.037	.021	.022	.011	.012	.011	.021	.023	.002	.002	.002
Greece.....	.122	.204	.211	.146	.181	.268	.219	.291	.253	.214	.223
Portugal.....	.076	.088	.069	.066	.085	.073	.067	.074	.050	.117	.107
Sweden.....	.006	.036	.029	.045	.043	.039	.064	.068	.088	.076	.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. *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 4.10 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 OPEC1/	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 Gulf2/											
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	-.	-.	-.
Kuwait.....	.021	.068	.082	.092	.157	.086	.006	.051	.353	.312	.218
U.A.E.....	.044	.043	.059	.028	.027	.016	.001	.004	.009	.011	.004
Qatar.....	.000	.013	.000	.000	.002	.004	.000	.001	.001	.000	.000
Saudi Arabia.....	.168	.685	.751	1.063	1.224	1.339	1.797	1.720	1.414	1.402	1.344
Imports from OPEC-Africa											
Total.....	.536	.737	.867	.934	1.134	1.144	1.040	1.000	1.108	1.074	1.088
Algeria.....	.187	.271	.295	.300	.269	.280	.253	.196	.220	.243	.234
Gabon.....	.052	.026	.037	.016	.050	.064	.084	.124	.152	.194	.229
Libya.....	.004	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.293	.440	.535	.618	.815	.800	.703	.680	.736	.637	.625
Imports from											
OPEC-South America											
Total.....	.602	.788	.801	.790	.861	1.016	1.020	1.161	1.295	1.322	1.468
Venezuela.....	.602	.788	.801	.790	.861	1.016	1.020	1.161	1.295	1.322	1.468
Imports from OPEC-Far East											
Total.....	.313	.317	.284	.205	.182	.113	.106	.075	.074	.109	.087
Indonesia.....	.313	.317	.284	.205	.182	.113	.106	.075	.074	.109	.087

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

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

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *U.S. geographic coverage is the 50 States and District of Columbia. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1995 are preliminary.

Sources: See end of Section 4.

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

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports..	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766	5.716
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. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1995 are preliminary.

Sources: See end of Section 4.

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

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports...	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355	7.226
Imports from OPEC1/	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446	6.186
Imports from											
Persian Gulf2/											
Total.....	2.560	3.513	3.330	3.428	3.754	3.908	3.660	3.666	4.048	3.506	3.365
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	1.149
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	.011
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	1.933
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	2.532
Algeria.....	.659	.615	.627	.646	.648	.683	.757	.772	.693	.690	.724
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	1.201
Nigeria.....	.841	.727	.469	.481	.532	.559	.729	.686	.605	.721	.575
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, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom. *Negative numbers represent net exports.

*A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1995 are preliminary.

Sources: See end of Section 4.

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

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

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

^{2/} The Persian Gulf countries are all members of OPEC, except for Bahrain.
Notes: *Imports include Crude Oil, Natural Gas Liquids, and Refined Products, and are on a direct basis. *Negative numbers represent net exports. *A dash (—) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1995 are preliminary.

Sources: See end of Section 4.

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

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Average											
Total Net Imports..	2.166	2.380	2.281	2.279	2.112	2.202	2.664	2.739	2.723	2.731	2.699
Imports from OPEC1/	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841	.715
Imports from											
Persian Gulf2/											
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	.000	—	—	—
Kuwait.....	.021	.021	.017	.013	.022	.013	.000	.009	.022	.026	.015
U.A.E.....	.006	.004	.024	.006	.023	.016	.012	.002	.002	.001	.000
Qatar.....	—	—	.001	.001	.002	.003	.002	.001	.000	.000	.000
Saudi Arabia.....	.064	.151	.072	.095	.119	.125	.161	.182	.173	.149	.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. •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 4.15 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. •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 4.16 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 States1/.....	.046	.081	.083	.343	.449	.518	.000	.000	.000	.000	.000
Canada.....	-	-	.010	.001	.013	.011	.000	.000	.000	.000	.000
OECD Europe2/.....	.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
Germany3/.....	.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	.026	.015
Italy.....	.132	.147	.142	.118	.093	.063	.000	.007	.012	.001	.000
Netherlands.....	.098	.122	.150	.189	.194	.151	.002	.052	.254	.179	.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	.002	.000	.000
Sweden.....	.002	-	-	-	.001	.001	.000	.000	.000	.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 June 1996 United States (including territories) oil stocks totaled 1,408 million barrels.

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

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

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

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

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

Complete monthly data are available for the 24 OECD countries. Annual demand data for all countries (about 200 countries) are presented in EIA's International Energy Annual. In 1993, the OECD accounted for about three-fifths of total world demand, the 25 largest consumers outside of the OECD accounted for about one-third of the world total, and the remaining countries (about 150 countries) accounted for less than one-tenth of the total. The key problem, therefore, is to develop good figures for the 25 largest consumers outside the OECD.

Of these 25 countries, by far the largest consumer is Russia, which in 1993 accounted for about one-sixth of the demand in the group of 25. The next largest consumer is China, which in 1993 accounted for about one-seventh of the demand in the group. Thus in 1993 Russia and China accounted for one-third of the demand in the group of 25. For these 2 countries, data are available on oil production and net exports. The demand numbers shown in Section 2 are computed as production minus net exports. This is the same procedure used in the EIA Short-Term Energy Outlook, by the International Energy Agency in their Monthly Oil Market Report, and in other respected publications that deal with international oil markets. Note, however, that this method of computing demand ignores both refinery gain and stock changes.

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

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

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

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

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

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

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

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

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

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

Appendix C

Glossary

Appendix C. Glossary

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

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

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

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

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

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

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

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

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

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

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

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

Appendix D

Estimation Procedures

Appendix D. Estimation Procedures

Estimation procedures are used for demand numbers in many of the countries outside of the OECD, in cases where data from EIA's International Energy Annual are not yet available. Demand numbers for 1992 and earlier years, for all countries, may be found in EIA's International Energy Annual 1993, published in May 1995, which is the most recent published edition of the International Energy Annual. EIA's WORLD ENERGY database contains final demand data for all countries of the world for 1993, and preliminary demand data for all countries for 1994. Instructions for downloading this database may be found on EIA's home page (<http://www.eia.doe.gov/emeu/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.....	--	--	--	--	7.247	7.247	7.247	7.247	7.247	7.247	7.247
Turkey.....	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150
United Kingdom.....	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466
Former Yugoslavia.....	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418

-- = No Production of this form of energy.

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

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

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

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

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

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