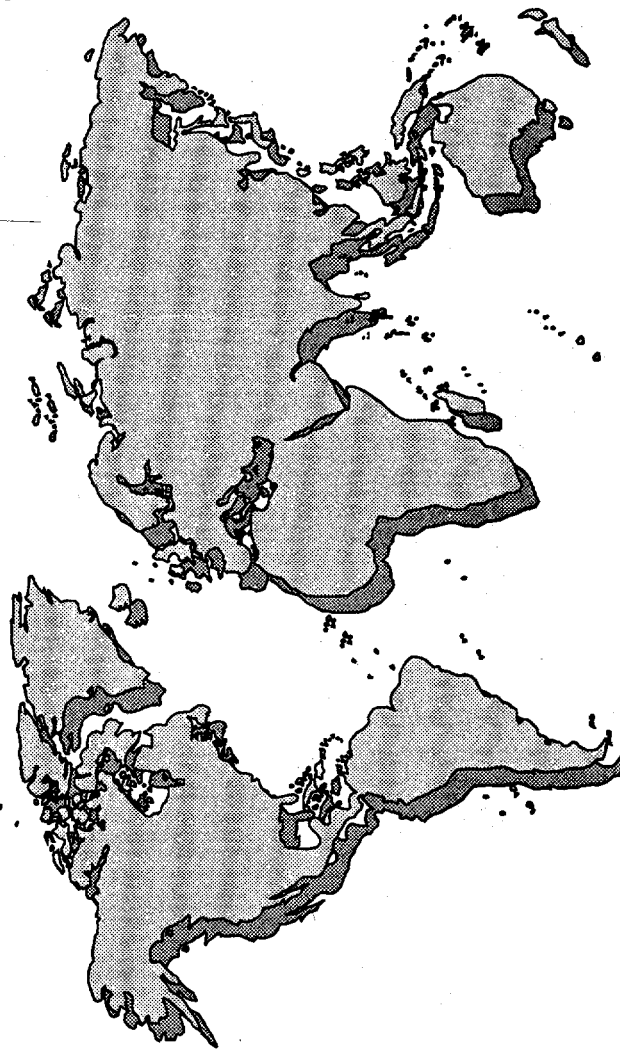


International Petroleum Statistics Report

April 1996

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International Petroleum Statistics Report

April 1996

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

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Preface

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

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

The International Petroleum Statistics Report presents data on international oil production, demand, imports, exports, and stocks. The report has four sections. Section 1 contains time series data on world oil production, and on oil demand and stocks in the Organization for Economic Cooperation and Development (OECD). This section contains annual data beginning in 1985, and monthly data for the most recent two years. Section 2 presents an oil supply/demand balance for the world. This balance is presented in quarterly intervals for the most recent two years. Section 3 presents data on oil imports by OECD countries. This section contains annual data for the most recent year, quarterly data for the most recent two quarters, and monthly data for the most recent twelve months. Section 4 presents annual time series data on world oil production and oil stocks, demand, and trade in OECD countries. World oil production and OECD demand data are for the years 1970 through 1995; OECD stocks from 1973 through 1995; and OECD trade from 1984 through 1994.

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

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

Oil Market Chronology -- March 1996

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

March 3

In Peru, negotiations between state-owned Petroperu and a Shell/Mobil consortium are extended until April 26. Since July 1995, the companies have been negotiating development terms for the Amazon Basin's Camisea gas field, which is believed to hold an estimated 11 trillion cubic feet of non-associated gas and 700 million barrels of condensate. The original deadline for the conclusion of negotiations was December 1995, but was later extended until March 1996. The Camisea development could involve connecting the field to the Bolivia-Brazil gas export pipeline now under construction. However, present talks are rumored to have stalled over potential tax breaks for Shell. Chevron and Elf Aquitaine also are interested in developing the Camisea field. (PON)

March 6

Afghan President Burhanuddin Rabbani visits Turkmenistan to discuss two proposed pipelines which could export up to 1 million barrels per day of crude oil and 2 billion cubic feet per day of natural gas from fields in southern Turkmenistan to Pakistan. The project is being evaluated by a venture formed by Unocal (40%) and Saudi Arabia's Delta Oil (60%). The pipeline would be supplied with gas from the giant Dauletabad field, which holds a probable 45 trillion cubic feet of Turkmenistan's estimated 113 trillion cubic feet of reserves. The proposed pipelines are anticipated to run through territory controlled by several of Afghanistan's 13 rebel factions, which have been fighting since the Soviet withdrawal in 1989. (DJ, FT)

March 7

In offshore Nigeria, Shell makes a potentially large discovery with its Bongo-1 well in over 3,000 feet of water. The company estimates oil reserves at up to 500 million barrels. However, extensive appraisal drilling will be necessary before any accurate reserve estimates are compiled. Shell accounts for about half of Nigeria's oil production, which averaged roughly 1.9 million barrels per day in 1995. (FT, PIW)

The Caspian Pipeline Consortium (CPC) agrees to a reorganization reducing Oman Oil Company's stake in the venture from 25 percent to 10 percent. The CPC consortium is dominated by the Russian (25%) and Kazak (25%) governments and plans to begin work shortly on a \$1.5-billion pipeline to export crude oil from Chevron's Tengiz field to the Black Sea. The project has been stalled because of financing difficulties. In 1995, another venture comprising Chevron, Mobil, British Gas, and Agip developed an alternative pipeline export scheme. Tengiz output currently is limited to under 80,000 barrels per day because of insufficient space in Russia's Transneft pipeline network. (PON)

March 18

Iran rejects a recent Gulf Cooperation Council proposal stating that Iran's dispute with the United Arab Emirates (UAE) over the Abu Musa and Tunb Islands should be settled by the International Court of Justice. Iran forcibly seized the two islands from the UAE in the early 1970s, although joint sovereignty was maintained until 1994. Shortly after Iran's statement, the United States announces that, in April 1996, it will conduct its first military joint maneuvers with the UAE. (DJ)

In Taiwan, Conoco and state-owned Chinese Petroleum Corporation (CPC) sign a joint venture deal in which Conoco will invest at least \$65 million to drill 13 wells over the next five and a half years. Conoco has a 75 percent stake in the venture, but CPC has the future right to increase its stake to 50 percent. CPC will purchase all oil and gas produced from the venture over the next 20 years. The agreement comes amidst Taiwan's presidential elections and Chinese military maneuvers near offshore acreage in which development is planned. (FT, OGI)

In New York, the United Nations (U.N.) and Iraq end a second round of negotiations over Iraq's possible sale of \$1 billion of oil every 90 days for a 180-day trial period. Under U.N. Resolution 986, proceeds from the sale would be used for humanitarian purposes, as well as to pay the costs of U.N. monitoring operations in Iraq and to pay war reparations to the Kuwaiti people. While both sides have reached agreement on several key issues, the details concerning distribution of aid to Kurds in northern Iraq remains unresolved. Due in part to market uncertainty surrounding the talks, oil prices rise to their highest levels since the 1991 Gulf War. The U.N.-Iraq talks are scheduled to restart on April 8. (DJ, NYT)

March 19

After internal disputes over the extent of Israeli government involvement, Prime Minister Shimon Peres temporarily freezes the pipeline project to export natural gas from Egypt to Israel. At present, the Israeli government is divided over whether to take up to a 30 percent stake in the project. The proposed \$500-million pipeline will carry 250 million cubic feet per day of Egyptian natural gas to Israel, a similar amount to Jordan, and 50 million cubic feet per day to the Palestinian-controlled Gaza Strip. Amoco and Agip hold the concessions which would supply gas for the Egyptian-Israeli pipeline. (DJ)

March 20

The state-owned oil company of Azerbaijan (SOCAR) cedes a quarter of its 40 percent stake in the offshore Shakh Deniz field development to Elf Aquitaine (Elf). Iran's NIOC as well as Russia's Yukos, Siderco, and Rosneft also are seeking stakes in the \$4 billion project. Shakh Deniz contains possible reserves of 700 million barrels of oil and up to 14 trillion cubic feet of natural gas. In addition to SOCAR and Elf, current partners in the project are BP, Statoil, and Turkey's TPAO. (PON, DJ)

March 21

Greek Foreign Minister Theodoros Pangalos states in an *Izvestia* newspaper article that Russia, Greece, and Bulgaria are considering the construction of a \$2.5-billion oil pipeline which would bypass Turkey's Bosphorus Strait. The proposed pipeline would run from the Bulgarian city of Burgas to Alexandroupolis in Greece. If built, the Bulgarian-Greek pipeline could compete against a proposed plan to export new Caspian Sea oil production through a proposed Turkish pipeline. (DJ)

March 22

In April 1996 Nigeria plans to implement two new procedures to curtail corruption with respect to oil export revenues. The first measure will have "internationally recognized" agents inspect all crude oil exports. The second measure involves announcing oil export earnings on a monthly, rather than yearly, basis. A government-sponsored study released in 1995 stated that the government could not account for about \$12 billion worth of oil export revenues between 1988 and 1994. (DJ)

Kenyan Minister for Finance Musalia Mudavadi states to World Bank representatives that his government has "initiated the process" of privatizing the country's oil industry. Possible privatizations would include Kenya Petroleum Refineries Limited and Kenya Pipeline Corporation. The former owns a 50 percent stake in the 90,000-barrel-per-day Mombasa refinery. The latter has so far invested an estimated \$400 million in the construction of a liquefied petroleum gas import pipeline which would have an extension to Kampala, Uganda. (DJ)

March 25

In Bolivia, employees of the state-owned oil company, Yacimientos Petroliferos Fiscales Bolivianos (YPFB), begin a strike in protest of the government's planned privatization of the country's "strategic industries." In anticipation of the strike, army troops and police are stationed at refineries, pipelines, and gas distribution facilities in order to ensure that oil and gas output remained unaffected. No initial disruptions in production are reported. Bolivian President Gonzalo Sanchez de Lozada currently is meeting with opposition leaders to reach an agreement on the country's new hydrocarbon law. YPFB workers are reported to be demanding one year of severance pay for every year of employment with the company. (PON, DJ)

March 26

Jordanian Energy and Mineral Resources Minister Hashem Dabbas states that Jordan currently is negotiating with three oil companies to build a \$2-billion, 250,000-barrel-per-day refinery at Aqaba on the Red Sea. Under optimal conditions, the refinery could be operational by 2000. Jordan currently has a 100,000-barrel-per-day refinery at Zarqa, which runs at around 60 percent of capacity. The country imports its 75,000-barrel-per-day crude oil requirement from Iraq under a U.N.-approved plan. (DJ)

Arco and Lukoil, one of Russia's largest independent oil companies, form a joint venture to develop oil and gas reserves in Russia and other former Soviet republics. Total investment could reach \$3 billion over a three year period. Arco will contribute almost all of the projected capital needs, even though it has only a 54 percent stake in the venture. In September 1995, Arco purchased \$250 million worth of convertible bonds in Lukoil, giving it a 6 percent stake in the Russian company. (FT, WSJ)

March 29

The Pakistani government officially agrees to allow a proposed Iranian natural gas pipeline to run over Pakistani territory on its way to India. The \$3-billion pipeline will carry an estimated 1.6 billion cubic feet per day from Iran's South Pars gas field to markets in Karachi. Negotiations concerning a possible extension to western India recently were stalled over whether the pipeline route would run through offshore or onshore Pakistani territory. Recent discussions between the Indian and Pakistani governments also focused on the location of compressor stations. (DJ)

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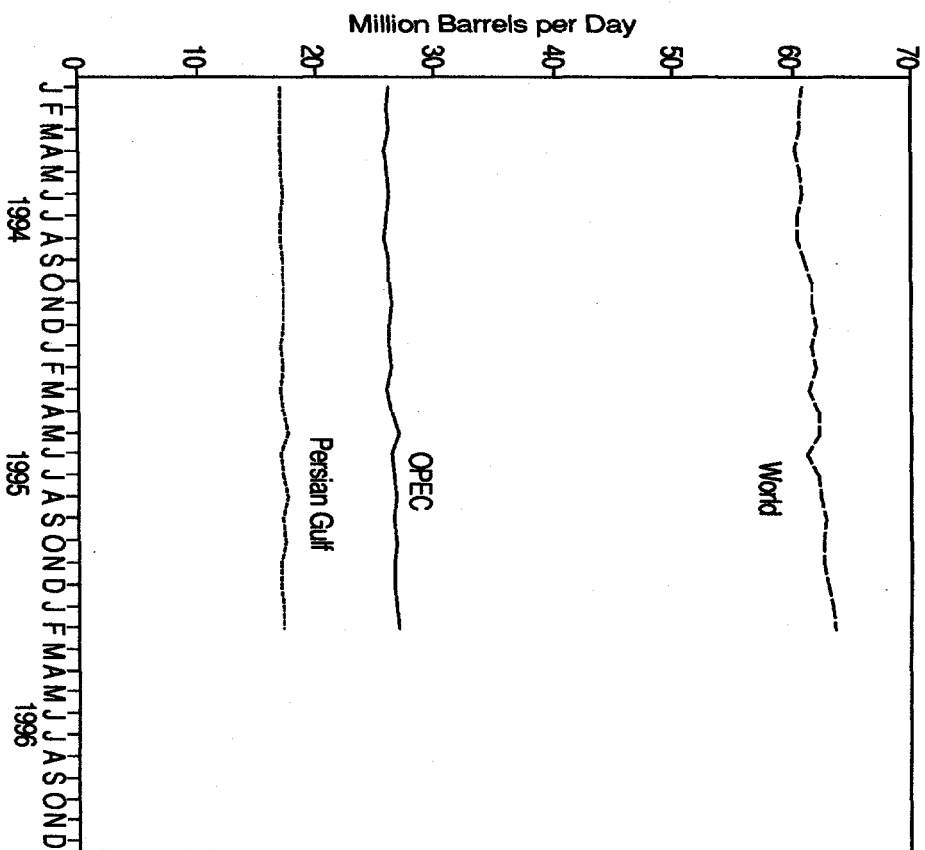
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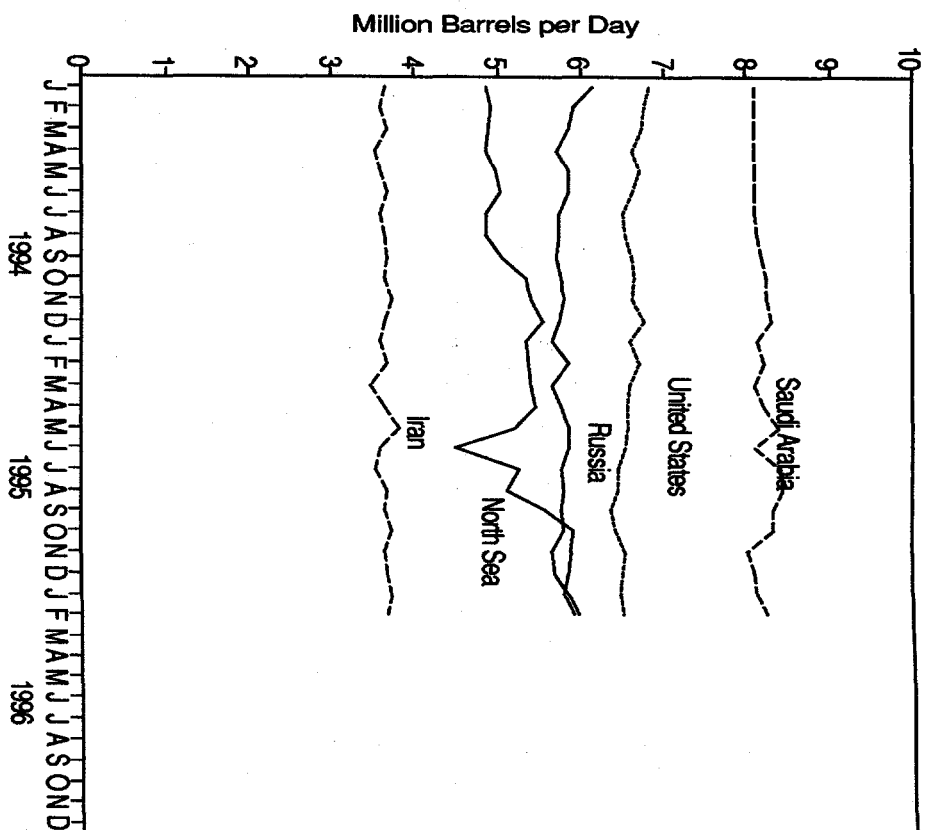
1. Annual and Monthly Oil Data

Figure 1. World Crude Oil Production, Monthly



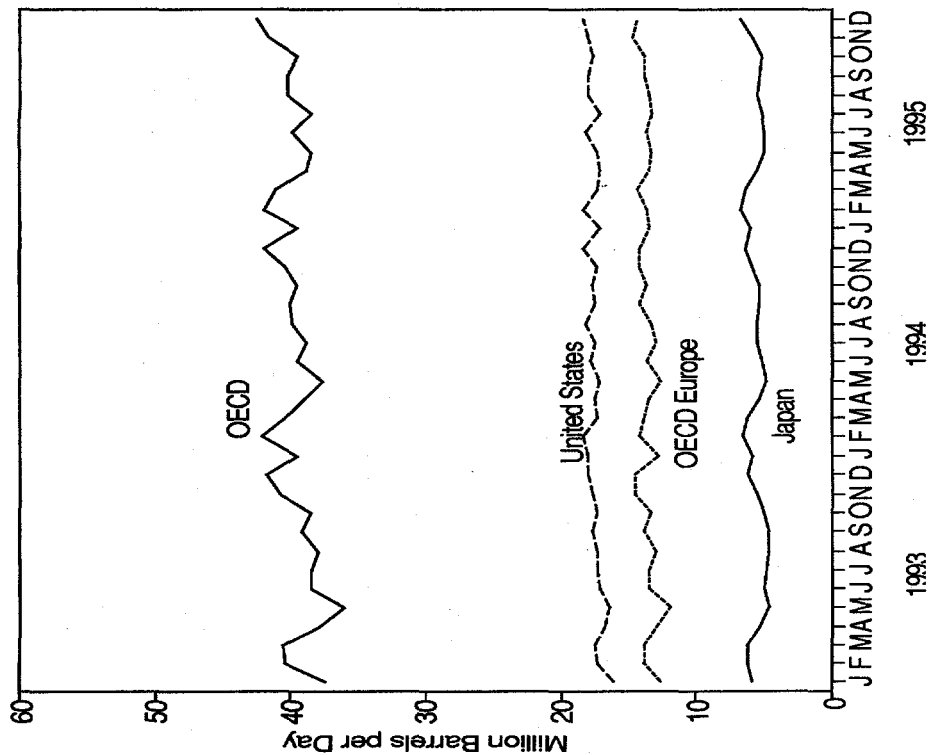
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Figure 2. Leading Crude Oil Producers, Monthly



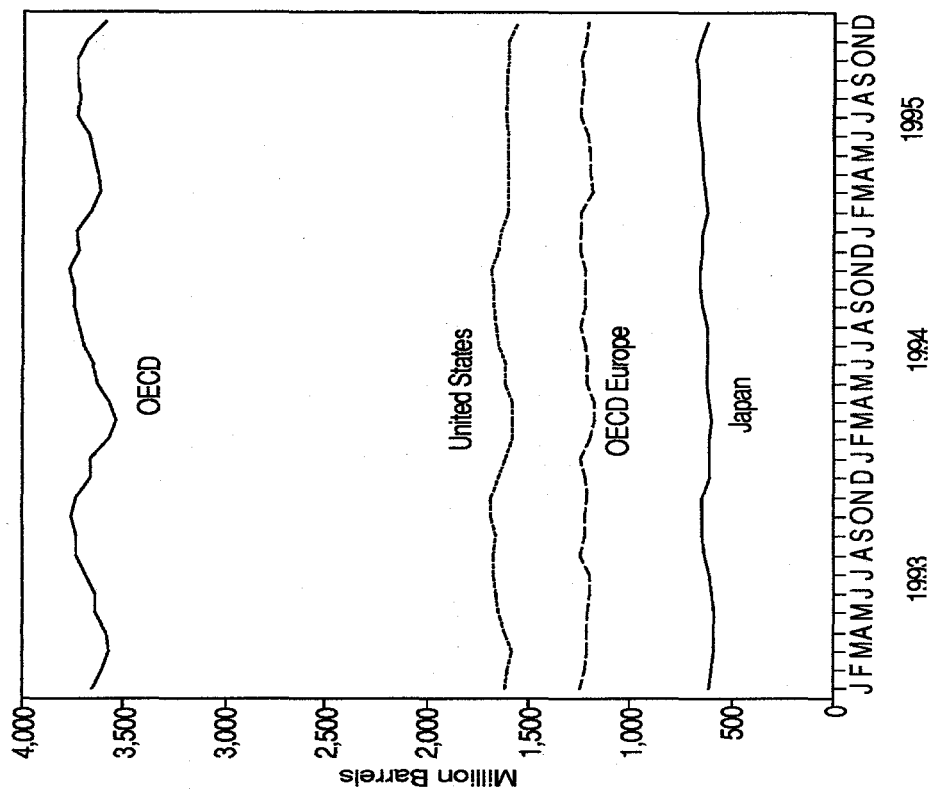
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Figure 3. OECD Oil Consumption, Monthly



Source: Table 1.7

Figure 4. OECD Oil Stocks, Monthly



Source: Table 1.5

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

	Algeria	Gabon	Indonesia	Iran	Iraq	Kuwait ¹ / Libya	Nigeria	Qatar	Saudi Arabia ¹ / Emirates	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	1,190	1,483	1,892	395	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	1,943	423	8,332	2,266	2,371	24,695
1993 Average.....	1,190	312	1,528	3,650	512	1,872	1,377	2,050	419	8,198	2,191	2,450	25,748
1994 Average.....	1,170	329	1,514	3,635	553	2,034	1,378	2,037	444	8,147	2,263	2,514	26,017
1995 January.....	1,180	335	1,520	3,585	555	2,070	1,390	2,000	455	8,120	2,280	2,600	26,090
February.....	1,180	335	1,500	3,685	555	2,070	1,390	1,980	475	8,220	2,280	2,600	26,270
March.....	1,180	335	1,510	3,485	555	2,060	1,390	1,890	485	8,110	2,280	2,600	25,880
April.....	1,180	335	1,510	3,635	555	2,070	1,390	2,050	485	8,220	2,280	2,670	26,380
May.....	1,180	335	1,510	3,835	555	2,050	1,390	2,080	485	8,400	2,280	2,790	26,890
June.....	1,180	335	1,510	3,585	555	2,050	1,390	1,960	485	8,100	2,280	2,790	26,220
July.....	1,210	335	1,510	3,535	555	2,060	1,390	1,980	485	8,410	2,280	2,790	26,540
August.....	1,210	350	1,510	3,685	555	2,075	1,390	2,035	485	8,425	2,280	2,790	26,790
September.....	1,210	350	1,510	3,635	555	2,035	1,390	2,040	485	8,315	2,280	2,790	26,595
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	R500	8,118	2,290	2,940	R26,855
February.....	1,220	360	1,540	3,685	555	2,057	1,400	2,180	500	8,248	2,265	2,940	26,950
1996 Average.....	1,220	360	1,540	3,711	555	2,047	1,400	2,170	500	8,181	2,278	2,940	26,901

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 February 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 475 thousand barrels per day.

R = Revised data.

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.....	2,264	1,915	4,315	501	575	502	643	1,680	2,911	453	346
1994 Average.....	2,521	2,375	5,058	538	650	536	671	1,743	2,939	455	378
1995 January.....	2,660	2,520	5,341	580	700	575	710	1,792	2,950	500	400
February.....	2,605	2,610	5,368	580	700	550	710	1,774	3,000	540	400
March.....	2,680	2,565	5,399	610	700	540	685	1,739	3,000	550	400
April.....	2,735	2,570	5,456	630	710	550	700	1,811	3,000	550	400
May.....	2,750	2,305	5,201	645	710	550	330	1,754	2,980	560	400
June.....	2,480	1,855	4,486	660	710	580	710	1,847	2,980	605	390
July.....	2,765	2,350	5,253	660	720	595	750	1,843	2,980	615	385
August.....	2,560	2,405	5,107	660	720	600	760	1,805	3,015	620	375
September.....	2,775	2,655	5,581	655	720	605	730	1,890	3,070	645	390
October.....	3,030	2,740	5,924	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	2,585	5,819	R705	R710	R530	R785	R1,775	R3,100	R620	390
February.....	3,165	2,615	5,935	705	710	530	785	1,705	3,100	620	390
1996 Average.....	3,124	2,599	5,875	705	710	530	785	1,741	3,100	620	390

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

R=Revised data.

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

Sources: See end of Section 1.

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

	Egypt	India	Malaysia	Mexico	Oman	Russia	Former U.S.S.R.	Syria	United States	Other ¹ / World	
1985 Average.....	887	620	440	2,745	498	--	11,585	178	8,971	2,123	53,981
1986 Average.....	813	630	504	2,435	560	--	11,895	194	8,680	2,166	56,227
1987 Average.....	896	609	497	2,548	582	--	12,050	230	8,349	2,120	56,666
1988 Average.....	848	635	540	2,512	617	--	12,053	265	8,140	2,235	58,737
1989 Average.....	865	700	585	2,520	641	--	11,715	340	7,613	2,249	59,863
1990 Average.....	873	660	619	2,553	685	--	10,975	388	7,355	2,253	60,566
1991 Average.....	874	615	646	2,680	700	--	9,992	492	7,417	2,274	60,207
1992 Average.....	881	561	653	2,669	740	7,632	--	481	7,171	3,229	60,213
1993 Average.....	892	543	648	2,671	776	6,890	--	570	6,847	3,267	60,640
1994 Average.....	875	599	645	2,689	805	5,821	--	579	6,662	3,417	60,916
1995											
January.....	920	695	650	2,680	845	5,675	--	615	6,596	3,436	61,589
February.....	920	685	680	2,645	845	5,860	--	615	6,703	3,406	62,099
March.....	920	695	680	2,670	845	5,675	--	615	6,606	3,402	61,457
April.....	920	700	680	2,670	850	5,767	--	610	6,561	3,405	62,200
May.....	920	715	680	2,680	850	5,860	--	610	6,572	3,422	62,183
June.....	920	720	680	2,700	850	5,856	--	610	6,540	3,424	61,336
July.....	920	720	690	2,705	850	5,776	--	610	6,449	3,419	62,342
August.....	920	715	690	2,710	850	5,820	--	610	6,462	3,387	62,475
September.....	920	720	690	2,740	850	5,789	--	610	6,380	3,398	62,827
October.....	920	690	690	1,900	860	5,798	--	605	6,429	3,358	62,536
November.....	920	685	690	2,555	860	5,662	--	605	6,554	3,342	62,703
December.....	920	700	690	2,765	860	5,684	--	605	6,520	3,364	63,113
1995 Average.....	920	703	682	2,618	851	5,768	--	610	6,530	3,397	62,239
1996											
January.....	920	R710	R680	R2,795	R865	R5,864	--	605	RE6,495	R3,368	R63,443
February.....	920	710	680	2,800	865	5,970	--	605	PE6,500	3,391	63,716
1996 Average.....	920	710	680	2,797	865	5,915	--	605	PE6,497	3,379	63,575

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.

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 1.2 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/}	United Arab Emirates	Vene- zuela	Total OPEC
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,059	1,475	301	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,034	1,447	308	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	293	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	305	190	1,483	1,832	395	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,433	1,820	423	8,332	2,206	2,334	23,856
1993 Average...	760	312	1,348	3,650	512	1,872	1,377	1,925	419	8,198	2,141	2,410	24,924
1994 Average...	740	329	1,334	3,600	548	2,034	1,378	1,887	409	8,147	2,183	2,474	25,062
1995 January...	750	335	1,340	3,550	550	2,070	1,390	1,850	420	8,120	2,200	2,560	25,135
February...	750	335	1,320	3,650	550	2,070	1,390	1,830	440	8,220	2,200	2,560	25,315
March...	750	335	1,330	3,450	550	2,060	1,390	1,740	450	8,110	2,200	2,560	24,925
April...	750	335	1,330	3,600	550	2,070	1,390	1,900	450	8,220	2,200	2,630	25,425
May...	750	335	1,330	3,800	550	2,050	1,390	1,930	450	8,400	2,200	2,750	25,935
June...	750	335	1,330	3,550	550	2,050	1,390	1,810	450	8,100	2,200	2,750	25,265
July...	780	335	1,330	3,500	550	2,060	1,390	1,830	450	8,410	2,200	2,750	25,585
August...	780	350	1,330	3,650	550	2,075	1,390	1,885	450	8,425	2,200	2,750	25,835
September...	780	350	1,330	3,600	550	2,035	1,390	1,890	450	8,315	2,200	2,750	25,640
October...	780	350	1,380	3,700	550	2,065	1,390	1,910	450	8,315	2,200	2,800	25,890
November...	790	350	1,380	3,600	550	2,070	1,390	1,960	460	8,020	2,200	2,800	25,570
December...	790	350	1,380	3,650	550	2,060	1,390	1,980	470	8,110	2,165	2,850	25,745
1995 Average...	767	341	1,343	3,608	550	2,061	1,390	1,876	449	8,231	2,197	2,710	25,524
1996 January...	790	360	1,360	3,700	550	2,038	1,400	2,010	R465	8,118	2,210	2,900	R25,900
February...	790	360	1,360	3,650	550	2,057	1,400	2,030	465	8,248	2,185	2,900	25,995
1996 Average...	790	360	1,360	3,676	550	2,047	1,400	2,020	465	8,181	2,198	2,900	25,946

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 February 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 475 thousand barrels per day.

R=Revised data.

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 States1/	Persian Gulf2/	OPEC3/ OPEC3/	World
1985 Average.....	120	337	271	375	350	1,609	645	892	3,938
1986 Average.....	120	328	352	385	440	1,551	700	969	4,150
1987 Average.....	140	367	338	418	430	1,595	721	1,006	4,279
1988 Average.....	120	381	370	499	450	1,625	808	979	4,481
1989 Average.....	130	410	384	503	425	1,546	851	1,188	4,503
1990 Average.....	130	426	428	620	425	1,559	930	1,281	4,629
1991 Average.....	140	431	457	680	420	1,659	950	1,318	4,843
1992 Average.....	140	460	454	713	390	1,697	1,003	1,364	4,953
1993 Average.....	145	503	457	704	380	1,736	1,092	1,270	5,157
1994 Average.....	145	538	461	698	400	1,727	1,083	1,453	5,280
1995 January.....	145	617	475	695	410	1,773	1,080	1,257	5,550
February.....	145	591	405	695	410	1,774	1,080	1,257	5,464
March.....	145	611	440	695	410	1,773	1,080	1,257	5,508
April.....	145	617	425	700	410	1,789	1,085	1,262	5,501
May.....	145	554	460	705	410	1,785	1,090	1,267	5,469
June.....	145	536	460	695	410	1,740	1,080	1,257	5,291
July.....	145	525	455	715	410	1,751	1,100	1,277	5,376
August.....	145	552	470	715	410	1,730	1,100	1,277	5,362
September.....	145	567	470	710	410	1,773	1,095	1,272	5,455
October.....	145	551	365	710	410	1,771	1,095	1,272	5,387
November.....	145	580	455	685	410	1,795	1,070	1,247	5,485
December.....	145	590	475	695	410	1,687	1,080	1,257	5,397
1995 Average.....	145	574	447	701	410	1,762	1,086	1,263	5,437
1996 January.....	145	R585	R470	690	410	R1,718	1,075	1,252	R5,418
February.....	145	545	475	700	410	E1,794	1,085	1,262	5,479
1996 Average.....	145	566	472	695	410	E1,755	1,080	1,257	5,447

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

2/ See Appendix A for countries in this group.

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

R=Revised data. E=Estimated.

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

Sources: See end of Section 1.

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

	United States ^{1/}	Persian Gulf ^{2/}	OAEPC ^{3/}	OPEC ^{3/}	World
1985 Average.....	11,192	10,320	11,498	17,324	59,264
1986 Average.....	10,905	12,441	13,653	19,477	61,771
1987 Average.....	10,648	12,869	13,992	19,745	62,410
1988 Average.....	10,473	14,310	15,662	21,625	64,673
1989 Average.....	9,880	15,733	16,658	23,532	65,854
1990 Average.....	9,677	16,249	17,232	24,807	66,710
1991 Average.....	9,883	15,723	16,766	24,939	66,614
1992 Average.....	9,768	17,010	17,871	26,117	66,855
1993 Average.....	9,602	18,012	18,657	27,261	67,680
1994 Average.....	9,413	18,230	18,855	27,527	68,085
1995 January.....	9,442	18,217	18,994	27,597	69,076
February.....	9,542	18,437	19,114	27,777	69,492
March.....	9,308	18,127	19,004	27,387	68,759
April.....	9,393	18,402	19,124	27,892	69,608
May.....	9,422	18,767	19,284	28,407	69,581
June.....	9,344	18,207	18,979	27,727	68,555
July.....	9,273	18,497	19,349	28,067	69,656
August.....	9,282	18,677	19,374	28,317	69,791
September.....	9,250	18,472	19,224	28,117	70,243
October.....	9,298	18,602	19,249	28,367	69,885
November.....	9,450	18,197	18,954	28,022	70,153
December.....	9,356	18,227	18,934	28,137	70,523
1995 Average.....	9,362	18,403	19,133	27,987	69,611
1996 January.....	RE9,327	R18,382	R19,049	R28,357	R70,839
February.....	PE9,329	18,467	19,184	28,462	71,094
1996 Average.....	PE9,328	18,423	19,114	28,408	70,962

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

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

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

Sources: See end of Section 1.

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

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1985 December.....	139	157	233	123	1,092	1,519	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	1,593	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	1,607	126	540	71	3,474
1988 December.....	140	155	266	112	1,118	1,597	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	1,581	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	1,621	121	590	73	3,476
1991 December.....	153	160	288	119	1,181	1,617	119	606	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	1,647	105	618	69	3,661
1994										
January.....	165	166	322	118	1,248	1,622	104	616	70	3,660
February.....	159	157	315	111	1,206	1,586	97	610	68	3,567
March.....	152	154	306	109	1,181	1,584	103	602	72	3,542
April.....	151	158	309	108	1,185	1,591	108	611	73	3,567
May.....	155	160	314	112	1,213	1,612	109	627	71	3,632
June.....	161	158	308	112	1,216	1,624	112	630	70	3,652
July.....	159	157	313	114	1,227	1,654	120	623	75	3,700
August.....	164	162	310	116	1,243	1,659	115	632	74	3,724
September.....	159	160	305	114	1,227	1,684	118	646	73	3,747
October.....	163	160	307	111	1,229	1,673	119	655	74	3,749
November.....	168	162	309	112	1,229	1,687	118	656	72	3,762
December.....	158	164	312	115	1,240	1,653	119	645	69	3,726
1995										
January.....	160	167	314	113	1,247	1,641	121	650	69	3,728
February.....	164	163	317	114	1,248	1,603	121	631	64	3,667
March.....	152	159	305	105	R1,190	1,599	125	636	68	R3,617
April.....	156	159	306	107	1,195	1,600	119	642	71	3,626
May.....	153	161	304	112	1,203	1,611	116	652	72	3,654
June.....	166	168	301	102	R1,212	1,609	126	656	73	R3,675
July.....	160	171	304	110	1,242	1,623	129	667	77	3,738
August.....	160	174	304	109	1,240	1,613	119	671	72	3,714
September.....	162	163	301	110	R1,235	1,618	R120	R676	77	R3,726
October.....	162	165	304	111	R1,241	1,605	123	682	77	R3,728
November.....	160	159	297	110	R1,225	1,602	R123	R663	R76	R3,689
December.....	159	162	301	105	1,216	1,561	119	631	74	3,601

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

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

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

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

R=Revised data.

Notes: •Oil Stocks - See Explanatory Note 2 in Appendix B. •See Section 4 for historical series.
Sources: See end of Section 1.

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

Country	Commercial	Government Owned	Total
Canada.....	119	0	119
United States ^{1/}	969	592	1,561
United States Territories.....	24	0	24
Japan.....	336	295	631
Australia/New Zealand.....	50	NA	50
Austria.....	21	0	21
Belgium/Luxembourg.....	32	0	32
Denmark.....	27	0	27
Finland.....	23	0	23
France.....	159	0	159
Germany ^{2/}	246	55	301
Greece.....	23	NA	23
Ireland.....	5	2	7
Italy.....	156	6	162
Netherlands.....	91	0	91
Norway.....	49	0	49
Portugal.....	21	0	21
Spain.....	93	0	93
Sweden.....	33	0	33
Switzerland.....	27	0	27
Turkey.....	41	0	41
United Kingdom.....	105	0	105
OECD Europe.....	1,153	63	1,216
Total OECD.....	2,651	950	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.

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

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

Sources: See end of Section 1.

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

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1985 Average.....	1,775	1,717	2,338	1,634	11,681	15,726	1,504	4,384	976	34,271
1986 Average.....	1,772	1,738	2,498	1,649	12,102	16,281	1,506	4,439	951	35,279
1987 Average.....	1,789	1,855	2,424	1,603	12,255	16,665	1,548	4,484	959	35,911
1988 Average.....	1,797	1,836	2,422	1,697	12,427	17,283	1,693	4,752	939	37,093
1989 Average.....	1,857	1,930	2,280	1,738	12,531	17,325	1,733	4,983	998	37,570
1990 Average.....	1,818	1,872	2,382	1,752	12,629	16,988	1,690	5,140	1,027	37,475
1991 Average.....	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	38,067
1992 Average.....	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	38,768
1993 Average.....	1,875	1,852	2,900	1,815	13,492	17,237	1,688	5,401	1,117	38,935
1994										
January.....	1,840	1,774	2,492	1,743	12,771	18,072	1,701	5,913	1,031	39,488
February.....	1,966	1,907	2,994	1,920	14,223	18,337	1,795	6,524	1,156	42,036
March.....	1,825	1,891	3,062	1,954	13,910	17,313	1,701	6,269	1,209	40,402
April.....	1,850	1,816	2,900	1,809	13,475	17,489	1,590	5,294	1,157	39,005
May.....	1,675	1,674	2,746	1,770	12,665	17,181	1,658	4,853	1,186	37,543
June.....	1,811	1,683	3,000	1,880	13,621	17,815	1,690	5,132	1,228	39,487
July.....	1,771	1,702	2,817	1,748	12,980	17,485	1,717	5,577	1,183	39,928
August.....	1,736	1,699	2,905	1,747	13,294	18,117	1,786	5,595	1,137	39,948
September.....	1,920	1,945	3,041	1,862	14,199	17,490	1,790	5,334	1,187	40,001
October.....	1,844	1,873	2,884	1,853	13,648	17,719	1,731	5,363	1,084	39,545
November.....	1,811	2,070	2,914	1,954	14,162	17,315	1,749	5,860	1,268	40,953
December.....	1,961	2,070	2,820	1,818	14,161	18,319	1,819	6,421	1,250	41,970
Average.....	1,833	1,841	2,879	1,837	13,584	17,718	1,727	5,674	1,173	39,876
1995										
January.....	1,949	1,920	2,730	1,755	13,455	17,167	1,671	6,075	1,096	39,945
February.....	1,895	1,920	2,802	1,954	13,795	18,355	1,857	6,787	1,146	41,940
March.....	2,002	1,970	3,188	1,972	14,469	17,403	1,704	6,378	1,214	41,168
April.....	1,834	1,814	2,854	1,789	13,471	17,102	1,569	5,583	1,142	38,867
May.....	1,764	1,806	2,940	1,779	13,261	17,241	1,732	5,037	1,236	38,507
June.....	1,846	1,861	2,874	1,809	13,667	18,149	1,754	5,009	1,191	38,790
July.....	1,933	1,838	2,827	1,737	13,365	17,113	1,875	5,130	1,196	38,499
August.....	1,786	1,699	2,932	1,796	13,561	17,993	1,821	5,547	1,197	40,170
September.....	1,887	1,938	2,938	1,818	13,864	18,011	1,821	5,369	1,197	40,263
October.....	1,870	1,930	2,751	1,841	13,911	17,626	1,825	5,147	1,125	39,634
November.....	1,957	1,711	2,928	1,911	14,334	18,018	1,826	5,914	1,132	41,652
December.....	2,031	2,094	2,741	1,761	14,334	18,351	1,760	6,848	1,193	42,485
Average.....	1,896	1,935	2,876	1,834	13,825	17,704	1,763	5,730	1,167	40,190

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

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

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

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

R-Revised data.

Notes: •The term Demand is used interchangeably with Consumption and Petroleum Products Supplied. See Appendix C for definition. •See Section 4 for historical series.

Sources: See end of Section 1.

Sources for Section 1 (Annual and Monthly Oil Data)

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

United States: Energy Information Administration (EIA), Petroleum Supply Annual 1994 and Petroleum Supply Monthly, March 1996.

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

Oil Stocks

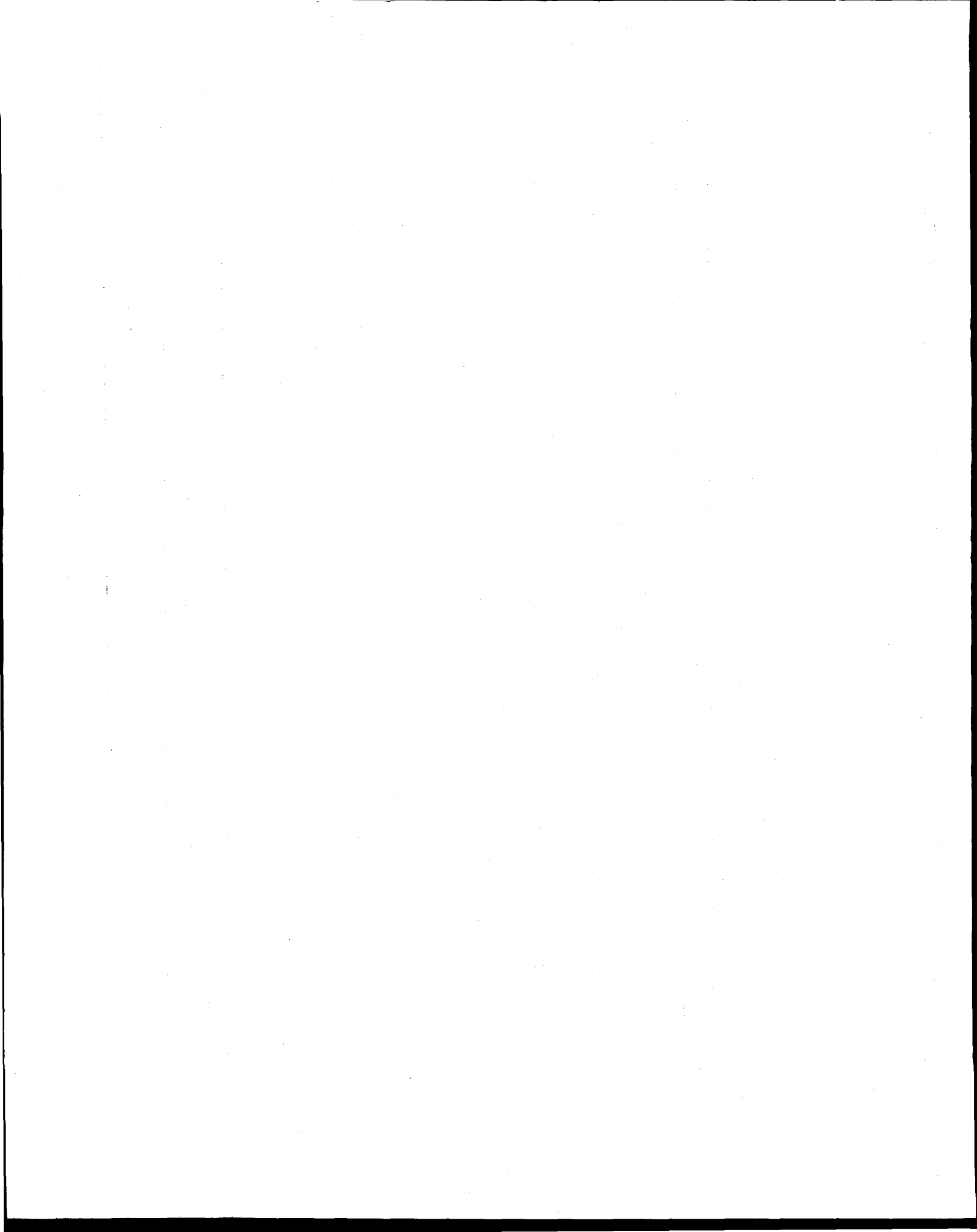
United States: EIA, Petroleum Supply Annual 1994 and Petroleum Supply Monthly, March 1996.

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues. • OECD, Monthly Oil Statistics data base, 1985-1995.

Oil Demand

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

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



2. International Oil Balance Data

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

	1991	1992	1993	1994				1995					
	Annual		Quarter				Annual		Quarter		Annual		
	Average	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average	
Supply1/ OECD													
United States2/.....	9.88	9.77	9.60	9.39	9.34	9.35	9.58	9.41	9.43	9.39	9.27	9.37	9.36
Other OECD.....	7.57	8.02	8.24	8.91	8.99	9.09	9.74	9.18	9.73	9.34	9.64	10.23	9.74
Total OECD.....	17.45	17.79	17.84	18.29	18.32	18.43	19.32	18.60	19.16	18.73	18.91	19.60	19.10
Non-OECD													
OPEC.....	24.94	26.12	27.26	27.50	27.48	27.43	27.70	27.53	27.58	28.01	28.17	28.18	27.99
Former USSR.....	10.41	8.93	8.10	7.19	6.99	6.91	6.95	7.01	6.92	7.03	6.99	6.90	6.96
Other Non-OECD.....	13.81	14.01	14.48	14.74	14.82	15.03	15.21	14.95	15.44	15.48	15.83	15.51	15.57
Total Non-OECD.....	49.16	49.06	49.84	49.43	49.29	49.37	49.86	49.49	49.94	50.53	50.98	50.59	50.51
Total World Supply.....	66.61	66.85	67.68	67.72	67.61	67.81	69.18	68.08	69.10	69.25	69.89	70.19	69.61
Demand3/ OECD													
United States2/.....	16.71	17.03	17.24	17.89	17.49	17.70	17.79	17.72	17.62	17.49	17.70	18.00	17.70
Other OECD.....	21.35	21.74	21.70	22.70	21.17	21.92	22.84	22.16	23.20	21.55	21.93	23.26	22.49
Total OECD.....	38.07	38.77	38.94	40.60	38.67	39.62	40.63	39.88	40.82	39.05	39.64	41.25	40.19
Non-OECD													
China.....	2.50	2.66	3.11	3.10	3.10	3.10	3.20	3.13	3.29	3.29	3.29	3.39	3.31
Former USSR.....	8.35	6.79	5.77	5.30	4.40	4.60	4.90	4.80	5.08	4.21	4.41	4.69	4.60
Other Non-OECD.....	17.80	18.35	18.83	20.80	20.40	20.30	21.60	20.78	21.61	21.21	21.11	22.32	21.56
Total Non-OECD.....	28.65	27.81	27.71	29.20	27.90	28.00	29.70	28.70	29.98	28.71	28.81	30.40	29.47
Total World Demand.....	66.72	66.57	66.65	69.80	66.57	67.62	70.33	68.58	70.80	67.76	68.44	71.66	69.66
Stock Draws / Discrepancy Net Reported Stock Draws4/ U. S. Commercial.....	-.03	.08	-.12	.73	-.42	-.64	.33	.00	.60	-.11	-.10	.62	.25
U. S. Strategic.....	-.02	-.02	-.03	-.03	-.02	.00	.00	-.01	.00	.00	.00	.00	.00
Other OECD.....	-.35	-.07	-.05	.62	-.77	-.38	-.10	-.16	.61	-.53	-.45	.74	.09
For Export & Afloat.....	.07	-.10	-.04	.11	.00	.05	-.05	.03	-.28	.05	-.54	.22	-.14
Comm. Floating Storage...	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Total Reported Draws.....	-.31	-.08	-.24	1.43	-1.21	-.97	.18	-.15	.93	-.58	-1.10	1.58	.20
Other Stock Draws and Statistical Discrepancy5/	.41	-.20	-.79	.65	.16	.79	.97	.64	.77	-.91	-.35	-.11	-.15

^{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, 1991-1995
(Million Barrels Per Day)

	1991	1992	1993	1994			1995					
	Annual			Quarter			Annual					
	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average	
OECD												
United States1/...	9.88	9.77	9.60	9.39	9.34	9.35	9.41	9.43	9.39	9.27	9.37	9.36
Canada.....	2.03	2.13	2.24	2.30	2.27	2.37	2.33	2.43	2.42	2.45	2.48	2.44
North Sea2/.....	4.05	4.44	4.58	5.19	5.26	5.22	5.38	5.81	5.43	5.68	6.31	5.81
Other OECD.....	1.49	1.46	1.41	1.42	1.46	1.49	1.47	1.49	1.48	1.51	1.45	1.48
Total OECD.....	17.45	17.79	17.84	18.29	18.32	18.43	18.60	19.16	18.73	18.91	19.60	19.10
Non-OECD												
OPEC												
Crude												
Algeria.....	1.23	1.21	1.19	1.17	1.17	1.17	1.17	1.18	1.18	1.21	1.22	1.20
Gabon.....	.29	.30	.31	.30	.34	.34	.33	.33	.33	.34	.35	.34
Indonesia.....	1.59	1.50	1.53	1.51	1.51	1.52	1.51	1.51	1.51	1.51	1.56	1.52
Iran.....	3.31	3.43	3.65	3.64	3.60	3.63	3.64	3.58	3.69	3.62	3.69	3.64
Iraq.....	.30	.42	.51	.54	.55	.55	.55	.55	.55	.55	.55	.55
Kuwait.....	.19	1.06	1.87	2.00	2.04	2.05	2.03	2.07	2.06	2.06	2.05	2.06
Libya.....	1.48	1.43	1.38	1.37	1.37	1.38	1.38	1.39	1.39	1.39	1.39	1.39
Nigeria.....	1.89	1.94	2.05	2.18	2.09	1.88	2.04	1.96	2.03	2.02	2.10	2.03
Qatar.....	.39	.42	.42	.44	.45	.45	.44	.47	.48	.48	.49	.48
Saudi Arabia...	8.11	8.33	8.20	8.09	8.10	8.13	8.15	8.15	8.24	8.38	8.15	8.23
United Arab Emirates...	2.39	2.27	2.19	2.26	2.26	2.28	2.26	2.28	2.28	2.28	2.26	2.27
Venezuela.....	2.38	2.37	2.45	2.49	2.49	2.53	2.51	2.60	2.75	2.79	2.86	2.75
Natural Gas												
Plant Liquids	1.32	1.36	1.46	1.45	1.45	1.45	1.45	1.45	1.46	1.47	1.45	1.46
Processing Gain.	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
Total OPEC.....	24.94	26.12	27.26	27.50	27.48	27.43	27.53	27.58	28.01	28.17	28.18	27.99
Former USSR.....	10.41	8.93	8.10	7.19	6.99	6.91	7.01	6.92	7.03	6.99	6.90	6.96
China.....	2.83	2.84	2.91	2.91	2.94	2.93	2.94	2.98	2.99	3.02	3.07	3.02
Mexico.....	3.17	3.15	3.16	3.20	3.17	3.17	3.18	3.14	3.16	3.21	2.86	3.09
Other Non-OECD.....	7.81	8.02	8.42	8.63	8.71	8.93	8.83	9.32	9.34	9.59	9.57	9.46
Total Non-OECD.....	49.16	49.06	49.84	49.43	49.29	49.37	49.49	49.94	50.53	50.98	50.59	50.51
Total Supply.....	66.61	66.85	67.68	67.72	67.61	67.81	68.08	69.10	69.25	69.89	70.19	69.61

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

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

Sources: See end of Section 2.

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

	1991	1992	1993	1994				1995			
	Year End			Quarter				Quarter			
				First	Second	Third	Fourth	First	Second	Third	Fourth
OECD											
United States ^{1/}											
Commercial.....	1,048	1,017	1,060	994	1,032	1,092	1,061	1,007	1,017	1,026	969
Strategic.....	569	575	587	590	592	592	592	592	592	592	592
U. S. Territories.....	24	24	25	26	25	26	26	23	26	25	24
Canada.....	119	107	105	103	112	118	119	125	126	120	119
Japan.....	606	603	618	602	630	646	645	636	656	676	631
OECD Europe											
France.....	153	146	158	152	161	159	158	152	166	162	159
Germany.....	288	310	309	306	308	305	312	305	301	301	301
Italy.....	160	174	163	154	158	160	164	159	168	163	162
United Kingdom.....	119	113	118	109	112	114	115	105	102	110	105
Other OECD Europe....	461	476	475	460	478	490	490	469	475	499	488
Total.....	1,181	1,219	1,221	1,181	1,216	1,227	1,240	1,190	1,212	1,235	1,216
Australia & New Zealand	41	43	44	46	45	47	43	45	47	52	50
Total OECD.....	3,588	3,588	3,661	3,542	3,652	3,747	3,726	3,617	3,675	3,726	3,601
Stocks for Export											
and Afloat ^{2/}	895	930	945	935	935	930	935	960	955	1,005	985
Commercial Floating ^{3/}	75	70	70	70	70	70	70	70	70	70	70

^{1/} U.S. stock data include Alaskan crude oil in transit by water. These data were previously reported in stocks for export and afloat. U.S. geographic coverage is the 50 States and the District of Columbia.
^{2/} Stocks held at export terminals of major crude oil producing countries and commercial oil afloat based on quarterly analysis of world seaborne movements.
^{3/} Stocks stored by industry in tankers moored offshore. Excludes strategic storage.
 Notes: •Oil Stocks - See Note 2 in Appendix B. •Sum of components may not equal total due to rounding.
 Sources: See end of Section 2.

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

	1991	1992	1993	1994				1995					
	Annual			Quarter				Annual					
	Average			First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average
OECD													
United States1/	16.71	17.03	17.24	17.89	17.49	17.70	17.79	17.72	17.62	17.49	17.70	18.00	17.70
U. S. Territories	.25	.22	.24	.24	.28	.24	.26	.26	.24	.26	.25	.20	.24
Canada	1.62	1.64	1.69	1.73	1.65	1.76	1.77	1.73	1.74	1.69	1.82	1.80	1.76
Japan	5.28	5.45	5.40	6.23	5.09	5.50	5.88	5.67	6.40	5.21	5.35	5.97	5.73
OECD Europe2/													
France	1.94	1.93	1.88	1.87	1.78	1.81	1.87	1.83	1.95	1.81	1.87	1.95	1.90
Italy	1.86	1.94	1.85	1.86	1.72	1.78	2.00	1.84	1.99	1.83	1.82	2.10	1.94
United Kingdom	1.80	1.80	1.81	1.87	1.82	1.78	1.87	1.84	1.89	1.79	1.78	1.87	1.83
Germany3/	2.83	2.84	2.90	2.84	2.88	2.92	2.87	2.88	2.91	2.89	2.90	2.81	2.88
Other OECD Europe	4.96	5.10	5.05	5.17	5.05	5.19	5.37	5.19	5.16	5.14	5.22	5.61	5.28
Total OECD Europe	13.39	13.60	13.49	13.62	13.25	13.48	13.99	13.58	13.91	13.46	13.59	14.33	13.83
Australia & New Zealand	.81	.82	.88	.90	.91	.93	.94	.92	.91	.93	.93	.95	.93
Total OECD	38.07	38.77	38.94	40.60	38.67	39.62	40.63	39.88	40.82	39.05	39.64	41.25	40.19
Non-OECD													
China	2.50	2.66	3.11	3.10	3.10	3.10	3.20	3.13	3.29	3.29	3.29	3.39	3.31
Former USSR	8.35	6.79	5.77	5.30	4.40	4.60	4.90	4.80	5.08	4.21	4.41	4.69	4.60
Other Non-OECD	17.80	18.35	18.83	20.80	20.40	20.30	21.60	20.78	21.61	21.21	21.11	22.32	21.56
Total Non-OECD	28.65	27.81	27.71	29.20	27.90	28.00	29.70	28.70	29.98	28.71	28.81	30.40	29.47
Total World Demand	66.72	66.57	66.65	69.80	66.57	67.62	70.33	68.58	70.80	67.76	68.44	71.66	69.66

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

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

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

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

Sources: See end of Section 2.

Sources for Section 2 (International Oil Balance Data)

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

United States: Energy Information Administration (EIA), Petroleum Supply Annual 1994 and Petroleum Supply Monthly, March 1996.

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

Oil Stocks

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

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues. • OECD, Monthly Oil Statistics data base, 1990-1995. Stocks for Export and Afloat and Commercial Floating Stocks -- Petroleum Economics Limited, Oil Industry Developments, various issues.

Oil Demand

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

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

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

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

3. International Oil Imports

Table 3.1 Average Net Oil Imports into OECD Countries, 1995
(Million Barrels per Day)

	OECD Europe						OECD Outside Europe				
Total	Total	United Kingdom	France	Germany1/	Italy	Other Europe2/	United States3/	Canada	Japan	Other4/	
Total Net Imports..	20.745	7.247	-0.970	1.721	2.695	1.837	1.964	8.033	-0.736	5.709	0.492
Imports from OPEC5/	15.679	6.123	.254	.919	.714	1.216	3.020	4.203	.252	4.472	.628
Imports from Persian Gulf6/											
Total.....	9.296	3.351	.135	.647	.171	.497	1.900	1.562	.070	3.980	.334
Bahrain.....	.028	.000	.000	.000	.000	.000	.000	-.003	-	.027	.004
Iran.....	1.572	1.170	.023	.208	.031	.235	.673	.000	.002	.399	.001
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.962	.232	.039	.022	.015	.000	.156	.218	.000	.503	.009
U.A.E.....	1.508	.010	.000	.002	.000	.000	.008	.003	.000	1.417	.078
Qatar.....	.358	.002	.000	.000	.000	.002	.000	.000	-	.334	.023
Saudi Arabia.....	4.867	1.936	.073	.416	.124	.260	1.063	1.344	.069	1.300	.218
Imports from OPEC-Africa											
Total.....	3.892	2.498	.065	.270	.465	.690	1.009	1.089	.101	.032	.171
Algeria.....	.997	.683	.018	.103	.135	.102	.325	.235	.043	.011	.026
Gabon.....	.288	.033	.000	.008	.004	.000	.020	.231	.000	.005	.019
Libya.....	1.207	1.207	.032	.043	.234	.570	.327	.000	.000	-	.000
Nigeria.....	1.399	.576	.015	.115	.093	.017	.336	.623	.058	.016	.126
Imports from OPEC-South America											
Total.....	1.854	.259	.054	.002	.078	.014	.111	1.463	.081	.002	.049
Venezuela.....	1.854	.259	.054	.002	.078	.014	.111	1.463	.081	.002	.049
Imports from OPEC-Far East											
Total.....	.666	.016	.000	.000	.000	.015	.000	.087	.000	.486	.078
Indonesia.....	.666	.016	.000	.000	.000	.015	.000	.087	.000	.486	.078

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

Table 3.2 Net Oil Imports into OECD Countries, (4th Quarter 1995)
(Million Barrels per Day)

	Total	OECD Europe					OECD Outside Europe				
		Total	United Kingdom	France	Germany ¹ /	Italy	Other Europe ² /	United States ³ /	Canada	Japan	Other ⁴ /
Total Net Imports...	20.550	7.342	-0.959	1.710	2.669	1.994	1.927	7.714	-0.792	5.680	0.607
Imports from OPEC ⁵ /	15.770	6.082	.244	.891	.635	1.396	2.915	4.224	.263	4.494	.707
Imports from Persian Gulf ⁶ /											
Total.....	9.314	3.313	.104	.603	.119	.620	1.868	1.589	.070	4.000	.342
Bahrain.....	.011	.001	.000	.000	.000	.001	.000	-.002	-	.011	.002
Iran.....	1.631	1.228	.019	.224	.018	.348	.620	.000	.000	.403	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.892	.121	.038	.001	.013	.000	.070	.234	.000	.531	.006
U.A.E.....	1.557	.014	.000	.005	.000	.000	.009	-.002	.000	1.469	.076
Qatar.....	.350	.000	.000	.000	.000	.000	.000	.000	-	.314	.036
Saudi Arabia.....	4.872	1.949	.047	.374	.088	.271	1.169	1.359	.070	1.273	.222
Imports from OPEC-Africa											
Total.....	3.937	2.515	.088	.288	.442	.742	.956	1.090	.101	.020	.211
Algeria.....	.935	.636	.016	.120	.129	.122	.249	.207	.063	.000	.028
Gabon.....	.309	.025	.000	.010	.006	.000	.010	.237	.000	.000	.046
Libya.....	1.225	1.225	.032	.032	.236	.594	.333	.000	.000	-	.000
Nigeria.....	1.468	.628	.040	.126	.071	.026	.365	.646	.038	.020	.136
Imports from OPEC-South America											
Total.....	1.839	.237	.053	.000	.074	.019	.091	1.455	.092	.000	.054
Venezuela.....	1.839	.237	.053	.000	.074	.019	.091	1.455	.092	.000	.054
Imports from OPEC-Far East											
Total.....	.691	.017	.000	.000	.000	.017	.000	.087	.000	.484	.103
Indonesia.....	.691	.017	.000	.000	.000	.017	.000	.087	.000	.484	.103

1/ The data for Germany are for 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 Petroleum Exporting Countries. See Appendix A for countries in this group.

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

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

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

•A dash (-) indicates no trade. •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, (3rd Quarter 1995)
(Million Barrels per Day)

	OECD Europe						OECD Outside Europe				
	Total	Total	United Kingdom	France	Germany1/	Italy	Other Europe2/	United States3/	Canada	Japan	Other4/
Total Net Imports..	21.174	7.372	-1.048	1.722	2.734	1.703	2.261	8.352	-0.673	5.466	0.658
Imports from OPEC5/	15.821	6.305	.270	.959	.706	1.162	3.208	4.391	.251	4.256	.619
Imports from Persian Gulf6/											
Total.....	9.306	3.517	.140	.697	.170	.486	2.025	1.550	.069	3.819	.350
Bahrain.....	.034	.000	.000	.000	.000	.000	.000	-.004	-	.032	.005
Iran.....	1.560	1.199	.019	.241	.030	.213	.695	.000	.000	.361	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.987	.259	.039	.021	.011	.000	.188	.187	.000	.523	.018
U.A.E.....	1.380	.007	.000	.000	.000	.000	.007	.011	.000	1.292	.071
Qatar.....	.345	.000	.000	.000	.000	.000	.000	.000	-	.329	.016
Saudi Arabia.....	4.999	2.052	.082	.434	.129	.272	1.135	1.355	.069	1.282	.241
Imports from OPEC-Africa											
Total.....	3.998	2.515	.079	.261	.468	.646	1.061	1.201	.090	.035	.157
Algeria.....	1.030	.670	.034	.094	.116	.088	.338	.269	.030	.028	.034
Gabon.....	.289	.020	.000	.000	.010	.000	.010	.253	.000	.007	.010
Libya.....	1.219	1.219	.035	.038	.237	.535	.374	.000	.000	-	.000
Nigeria.....	1.460	.607	.009	.129	.105	.023	.340	.679	.061	.000	.113
Imports from OPEC-South America											
Total.....	1.930	.262	.051	.002	.068	.019	.121	1.531	.091	.000	.046
Venezuela.....	1.930	.262	.051	.002	.068	.019	.121	1.531	.091	.000	.046
Imports from OPEC-Far East											
Total.....	.620	.011	.000	.000	.000	.011	.000	.105	.000	.434	.070
Indonesia.....	.620	.011	.000	.000	.000	.011	.000	.105	.000	.434	.070

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

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
Total.....	19.632	20.831	20.426	20.382	20.787	21.669	21.204	20.762	21.645	20.314	20.704	20.637
United States ^{1/}	6.977	7.296	8.073	7.488	7.860	8.666	7.950	8.203	8.921	7.614	8.050	7.489
Canada.....	-.724	-.674	-.564	-.870	-.817	-.791	-.722	-.681	-.615	-.691	-.741	-.942
OECD Europe ^{2/}	6.895	7.312	5.894	7.263	7.368	8.062	7.749	7.194	7.242	7.264	6.982	7.767
Main European Importers												
France.....	1.762	1.760	1.497	1.770	1.791	1.789	1.917	1.504	1.745	1.638	1.713	1.778
Germany ^{3/}	2.659	2.611	2.611	2.767	2.715	2.623	2.756	2.750	2.694	2.740	2.559	2.704
Italy.....	1.822	1.886	1.730	1.784	1.635	2.110	1.755	1.759	1.591	1.965	1.933	2.083
Spain.....	1.240	1.113	1.135	1.210	1.131	1.191	1.185	1.092	1.237	1.386	1.247	1.249
Netherlands.....	.662	.645	.423	.733	.568	.879	.882	.941	.868	.651	.464	.697
European Net Exporters												
Norway.....	-2.881	-2.705	-2.674	-2.946	-2.409	-2.703	-2.609	-2.837	-2.716	-3.042	-3.057	-2.950
United Kingdom.....	-1.097	-.993	-1.220	-1.053	-.614	-.638	-1.265	-.850	-1.026	-.964	-1.007	-.908
Smaller European Importers												
Austria.....	.192	.212	.187	.232	.198	.213	.185	.155	.158	.203	.195	.228
Belgium.....	.552	.534	.472	.485	.454	.466	.491	.510	.465	.464	.526	.578
Denmark.....	.051	.022	.031	.054	-.011	.061	.056	.054	.023	.027	.038	.057
Ireland.....	.141	.101	.133	.097	.138	.089	.127	.126	.097	.120	.113	.107
Finland.....	.057	.091	.055	.280	.138	.209	.200	.243	.267	.162	.219	.455
Greece.....	.367	.462	.251	.351	.277	.343	.364	.290	.283	.368	.462	.316
Iceland.....	.011	.014	.013	.014	.024	.009	.020	.020	.009	.014	.020	.007
Luxembourg.....	.036	.035	.041	.035	.037	.037	.030	.034	.037	.038	.036	.038
Portugal.....	.227	.298	.292	.252	.300	.317	.361	.239	.302	.347	.262	.289
Sweden.....	.276	.289	.239	.390	.293	.267	.394	.359	.216	.339	.406	.326
Switzerland.....	.250	.241	.190	.249	.240	.270	.269	.271	.264	.245	.255	.232
Turkey.....	.567	.548	.485	.560	.463	.530	.632	.533	.728	.564	.597	.480
Japan.....	6.029	6.298	6.384	5.665	5.685	5.032	5.492	5.514	5.391	5.528	5.723	5.789
Other OECD.....	.455	.599	.639	.835	.692	.700	.736	.533	.706	.599	.690	.534

^{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)

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
1995												
Total.....	15.457	15.487	16.020	14.932	15.422	16.037	15.966	15.403	16.103	15.715	15.596	15.992
United States ^{1/}	3.805	4.097	4.367	3.885	4.013	4.427	4.328	4.118	4.737	4.178	4.430	4.070
Canada.....	.213	.320	.219	.117	.297	.320	.294	.228	.230	.274	.351	.166
OECD Europe ^{2/}	6.325	5.433	5.576	6.058	6.141	6.742	6.476	6.129	6.310	6.093	5.544	6.592
Main European Importers												
France.....	.949	.836	.776	.857	.977	1.078	1.221	.731	.925	1.059	.774	.836
Germany ^{3/}	.661	.818	.750	.715	.804	.807	.654	.773	.690	.757	.498	.646
Italy.....	1.137	1.163	1.074	1.206	1.033	1.311	1.069	1.283	1.132	1.389	1.317	1.480
Spain.....	.791	.713	.659	.748	.728	.859	.694	.725	.814	.788	.960	.982
Netherlands.....	.934	.000	.736	.695	.917	.915	.882	.895	.898	.274	.222	.722
European Net Exporters												
Norway.....	.000	.000	.028	.000	.000	.000	.000	.000	.000	.007	.001	.000
United Kingdom.....	.187	.312	.194	.299	.314	.201	.262	.278	.271	.257	.224	.251
Smaller European Importers												
Austria.....	.019	.021	.019	.053	.017	.028	.000	.034	.041	.104	.135	.166
Belgium.....	.319	.336	.238	.211	.258	.289	.272	.310	.304	.245	.233	.322
Denmark.....	.021	.019	.024	.025	.014	.000	.024	.037	.020	.024	.025	.025
Ireland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.000	.000	.001	.000	.000	.000	.023	.020	.000	.000	.001	.000
Greece.....	.295	.289	.191	.333	.178	.255	.350	.221	.212	.241	.284	.245
Portugal.....	.280	.170	.273	.168	.224	.275	.300	.161	.221	.199	.125	.201
Sweden.....	.165	.170	.140	.206	.152	.148	.165	.180	.116	.168	.194	.171
Switzerland.....	.087	.101	.028	.087	.087	.088	.062	.098	.089	.080	.093	.101
Turkey.....	.477	.485	.445	.455	.438	.488	.498	.384	.577	.499	.458	.443
Japan.....	4.555	5.114	5.168	4.299	4.326	3.991	4.262	4.381	4.119	4.415	4.574	4.494
Other OECD.....	.558	.523	.691	.573	.645	.556	.605	.546	.707	.755	.697	.670

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

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

3/ The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany. *OECD=Organization for Economic Cooperation and Development; OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in these groups. *Negative numbers represent net exports. *A dash (-) indicates no trade.

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

Sources: See end of Section 3.

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

1995

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
Total.....	9.275	9.264	9.834	8.877	9.258	9.167	9.379	9.143	9.398	9.325	9.136	9.475
United States ¹ /.....	1.453	1.533	1.784	1.544	1.482	1.527	1.454	1.524	1.675	1.521	1.682	1.568
Canada.....	.068	.074	.064	.000	.151	.066	.068	.047	.094	.140	.068	.000
OECD Europe ² /.....	3.375	2.815	3.040	3.252	3.473	3.722	3.678	3.302	3.573	3.433	2.966	3.530
Main European Importers												
France.....	.552	.599	.602	.601	.722	.788	.840	.593	.655	.749	.530	.530
Germany ³ /.....	.093	.201	.239	.221	.211	.223	.194	.144	.171	.170	.088	.098
Italy.....	.432	.421	.371	.422	.412	.586	.445	.542	.469	.695	.505	.655
Spain.....	.295	.237	.222	.334	.354	.357	.235	.299	.363	.376	.409	.400
Netherlands.....	.718	.000	.570	.485	.636	.608	.606	.606	.626	.274	.222	.577
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom.....	.082	.232	.114	.220	.180	.076	.135	.135	.149	.082	.143	.087
Smaller European Importers												
Austria.....	.019	.021	.019	.053	.017	.028	.000	.034	.041	.067	.051	.035
Belgium.....	.310	.308	.213	.187	.234	.261	.244	.272	.280	.220	.215	.294
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.000	.000	.000	.000	.000	.000	.001	.020	.000	.000	.001	.000
Greece.....	.238	.254	.160	.270	.147	.216	.301	.194	.177	.222	.239	.232
Portugal.....	.149	.088	.099	.051	.109	.142	.189	.038	.143	.099	.039	.130
Sweden.....	.109	.119	.098	.145	.106	.104	.116	.126	.082	.118	.136	.120
Switzerland.....	.000	.000	.000	.015	.010	.010	.009	.009	.015	.010	.005	.000
Turkey.....	.377	.334	.333	.248	.334	.323	.363	.288	.403	.353	.383	.372
Japan.....	4.119	4.519	4.650	3.716	3.838	3.483	3.772	3.982	3.699	3.912	4.031	4.058
Other OECD.....	.260	.322	.296	.364	.314	.368	.407	.288	.356	.319	.388	.319

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)

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
1995												
Total Net Imports..	6.977	7.296	8.073	7.488	7.860	8.666	7.950	8.203	8.921	7.614	8.050	7.489
Imports from OPEC ^{1/}	3.805	4.097	4.367	3.885	4.013	4.427	4.328	4.118	4.737	4.178	4.430	4.070
Imports from Persian Gulf ^{2/}												
Total.....	1.453	1.533	1.784	1.544	1.482	1.527	1.454	1.524	1.675	1.521	1.682	1.568
Bahrain.....	-.003	-.004	-.003	.000	-.003	-.004	-.004	-.004	-.003	.000	-.001	-.005
Iran.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.130	.346	.252	.171	.208	.260	.195	.180	.187	.250	.238	.215
U.A.E.....	.017	.010	.000	-.002	-.003	-.016	-.002	.008	.027	.012	-.006	-.013
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	1.309	1.181	1.535	1.375	1.280	1.287	1.265	1.340	1.464	1.259	1.451	1.371
Imports from OPEC-Africa												
Total.....	.975	1.007	1.042	.881	.972	1.321	1.264	1.026	1.317	1.140	1.156	.975
Algeria.....	.168	.358	.196	.251	.163	.277	.257	.298	.250	.229	.241	.152
Gabon.....	.224	.186	.159	.163	.206	.357	.296	.246	.216	.270	.271	.171
Libya.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.583	.463	.687	.467	.603	.687	.711	.482	.851	.641	.644	.652
Imports from OPEC-South America												
Total.....	1.336	1.424	1.490	1.368	1.491	1.479	1.505	1.445	1.648	1.430	1.484	1.453
Venezuela.....	1.336	1.424	1.490	1.368	1.491	1.479	1.505	1.445	1.648	1.430	1.484	1.453
Imports from OPEC-Far East												
Total.....	.038	.129	.048	.092	.065	.096	.101	.119	.094	.087	.107	.069
Indonesia.....	.038	.129	.048	.092	.065	.096	.101	.119	.094	.087	.107	.069

1/ OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.
 2/ The Persian Gulf countries are all members of OPEC, except for Bahrain.
 Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *U.S. geographic coverage is the 50 States and District of Columbia. *Negative numbers represent net exports. *A dash (-) indicates no trade.
 *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

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
Total Net Imports...	6.029	6.298	6.384	5.665	5.685	5.032	5.492	5.514	5.391	5.528	5.723	5.789
Imports from OPEC1/	4.555	5.114	5.168	4.299	4.326	3.991	4.262	4.381	4.119	4.415	4.574	4.494
Imports from Persian Gulf2/												
Total.....	4.119	4.519	4.650	3.716	3.838	3.483	3.772	3.982	3.699	3.912	4.031	4.058
Bahrain.....	.035	.018	.018	.040	.024	.056	.000	.064	.033	.000	.016	.016
Iran.....	.449	.441	.565	.358	.355	.332	.424	.389	.267	.439	.467	.304
Kuwait.....	.498	.544	.450	.428	.407	.547	.473	.529	.569	.511	.542	.541
U.A.E.....	1.384	1.649	1.556	1.460	1.432	1.259	1.264	1.326	1.285	1.515	1.425	1.466
Qatar.....	.369	.373	.468	.287	.374	.203	.313	.308	.368	.292	.363	.288
Saudi Arabia.....	1.384	1.496	1.593	1.142	1.247	1.084	1.298	1.366	1.177	1.154	1.219	1.443
Imports from OPEC-Africa												
Total.....	.000	.074	.013	.084	.018	.030	.039	.030	.037	.000	.062	.000
Algeria.....	.000	.000	.000	.000	.014	.030	.018	.030	.037	.000	.000	.000
Gabon.....	.000	.022	.000	.022	.000	.000	.021	.000	.000	.000	.000	.000
Nigeria.....	.000	.051	.013	.063	.004	.000	.000	.000	.000	.000	.062	.000
Imports from OPEC-South America												
Total.....	.000	.014	.000	.000	.006	.000	.000	.000	.000	.000	.000	.000
Venezuela.....	.000	.014	.000	.000	.006	.000	.000	.000	.000	.000	.000	.000
Imports from OPEC-Far East												
Total.....	.471	.525	.523	.539	.487	.535	.452	.433	.416	.504	.497	.453
Indonesia.....	.471	.525	.523	.539	.487	.535	.452	.433	.416	.504	.497	.453

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

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
Total Net Imports..	6.895	7.312	5.894	7.263	7.368	8.062	7.749	7.194	7.242	7.264	6.982	7.767
Imports from OPEC ¹ /	6.325	5.433	5.576	6.058	6.141	6.742	6.476	6.129	6.310	6.093	5.544	6.592
Imports from												
Persian Gulf ² /												
Total.....	3.375	2.815	3.040	3.252	3.473	3.722	3.678	3.302	3.573	3.433	2.966	3.530
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.000	.000
Iran.....	1.069	.948	1.001	.981	1.290	1.458	1.239	1.177	1.182	1.240	1.150	1.292
Iraq.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.346	.161	.191	.398	.314	.233	.250	.292	.234	.067	.066	.229
U.A.E.....	.047	.000	.000	.000	.000	.008	.000	.020	.000	.016	.005	.022
Qatar.....	.000	.000	.018	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	1.912	1.705	1.831	1.874	1.869	2.022	2.189	1.814	2.156	2.110	1.744	1.987
Imports from												
OPEC-Africa												
Total.....	2.707	2.380	2.247	2.474	2.369	2.708	2.535	2.523	2.486	2.406	2.332	2.802
Algeria.....	.626	.702	.614	.875	.664	.802	.688	.558	.767	.585	.575	.748
Gabon.....	.129	.000	.059	.032	.000	.033	.038	.011	.010	.012	.035	.030
Libya.....	1.202	1.185	1.176	1.144	1.174	1.265	1.224	1.278	1.151	1.172	1.166	1.337
Nigeria.....	.749	.493	.399	.423	.530	.608	.584	.676	.558	.637	.556	.688
Imports from												
OPEC-South America												
Total.....	.220	.220	.271	.315	.273	.313	.263	.288	.235	.239	.229	.243
Venezuela.....	.220	.220	.271	.315	.273	.313	.263	.288	.235	.239	.229	.243
Imports from												
OPEC-Far East												
Total.....	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016	.018	.017
Indonesia.....	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016	.018	.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

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
Total Net Imports...	1.762	1.760	1.497	1.770	1.791	1.789	1.917	1.504	1.745	1.638	1.713	1.778
Imports from OPEC ^{1/}	.949	.836	.776	.857	.977	1.078	1.221	.731	.925	1.059	.774	.836
Imports from Persian Gulf ^{2/}												
Total.....	.552	.599	.602	.601	.722	.788	.840	.593	.655	.749	.530	.530
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.147	.084	.130	.124	.259	.347	.277	.284	.159	.251	.203	.217
Kuwait.....	.000	.071	.000	.064	.000	.065	.000	.063	.000	.000	.002	.000
U.A.E.....	.000	.000	.000	.000	.000	.008	.000	.000	.000	.016	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.404	.444	.472	.413	.463	.368	.563	.246	.496	.482	.324	.313
Imports from OPEC-Africa												
Total.....	.395	.224	.168	.256	.255	.289	.381	.137	.265	.311	.245	.307
Algeria.....	.087	.131	.051	.131	.111	.085	.124	.043	.115	.134	.120	.107
Gabon.....	.036	.000	.000	.032	.000	.000	.000	.000	.000	.000	.000	.030
Libya.....	.072	.027	.055	.016	.064	.076	.040	.047	.027	.046	.028	.022
Nigeria.....	.200	.067	.062	.077	.081	.128	.217	.048	.123	.131	.098	.149
Imports from OPEC-South America												
Total.....	.003	.013	.006	.000	.000	.000	.000	.000	.005	.000	.000	.000
Venezuela.....	.003	.013	.006	.000	.000	.000	.000	.000	.005	.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											
	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
Total Net Imports..	2.659	2.760	2.611	2.767	2.715	2.623	2.756	2.750	2.694	2.740	2.559	2.704
Imports from OPEC1/	.661	.818	.750	.715	.804	.807	.654	.773	.690	.757	.498	.646
Imports from Persian Gulf2/												
Total.....	.093	.201	.239	.221	.211	.223	.194	.144	.171	.170	.088	.098
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.004	.072	.062	.030	.043	.024	.046	.015	.030	.037	.011	.006
Kuwait.....	.007	.027	.018	.020	.042	.001	.010	.012	.010	.011	.019	.010
U.A.E.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.082	.103	.160	.172	.127	.198	.138	.117	.131	.123	.058	.083
Imports from OPEC-Africa												
Total.....	.497	.547	.455	.393	.490	.473	.388	.565	.450	.507	.327	.488
Algeria.....	.164	.173	.155	.157	.111	.123	.071	.114	.165	.147	.106	.134
Gabon.....	.000	.000	.000	.000	.000	.000	.028	.001	.000	.012	.005	.000
Libya.....	.225	.257	.223	.183	.247	.253	.215	.289	.206	.261	.164	.280
Nigeria.....	.108	.118	.077	.052	.132	.098	.074	.161	.079	.087	.051	.074
Imports from OPEC-South America												
Total.....	.071	.070	.056	.101	.102	.111	.072	.064	.069	.080	.083	.060
Venezuela.....	.071	.070	.056	.101	.102	.111	.072	.064	.069	.080	.083	.060
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

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
Total Net Imports..	1.822	1.886	1.730	1.784	1.635	2.110	1.755	1.759	1.591	1.965	1.933	2.083
Imports from OPEC1/	1.137	1.163	1.074	1.206	1.033	1.311	1.069	1.283	1.132	1.389	1.317	1.480
Imports from Persian Gulf2/												
Total.....	.432	.421	.371	.422	.412	.586	.445	.542	.469	.695	.505	.655
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.000	.000
Iran.....	.200	.192	.120	.180	.166	.273	.167	.292	.180	.411	.305	.328
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	.018	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.232	.228	.234	.242	.247	.313	.278	.250	.288	.283	.201	.327
Imports from OPEC-Africa												
Total.....	.665	.724	.680	.767	.578	.708	.600	.708	.630	.659	.776	.791
Algeria.....	.117	.134	.081	.129	.055	.086	.061	.089	.116	.044	.130	.191
Gabon.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Libya.....	.534	.580	.590	.631	.518	.611	.500	.619	.484	.582	.621	.579
Nigeria.....	.014	.010	.009	.006	.006	.011	.039	.000	.029	.033	.025	.021
Imports from OPEC-South America												
Total.....	.017	.000	.006	.000	.016	.017	.023	.017	.018	.021	.018	.017
Venezuela.....	.017	.000	.006	.000	.016	.017	.023	.017	.018	.021	.018	.017
Imports from OPEC-Far East												
Total.....	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016	.017	.017
Indonesia.....	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016	.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)

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
1995												
Total.....	0.988	1.053	0.901	0.997	0.938	1.041	0.927	1.044	0.990	0.836	0.855	0.985
United States ¹ /.....	.130	.346	.252	.171	.208	.260	.195	.180	.187	.250	.238	.215
Canada.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
OECD Europe ² /.....	.346	.161	.191	.398	.314	.233	.250	.292	.234	.067	.066	.229
Main European Importers												
France.....	.000	.071	.000	.064	.000	.065	.000	.063	.000	.000	.002	.000
Germany ³ /.....	.007	.027	.018	.020	.042	.001	.010	.012	.010	.011	.019	.010
Italy.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Spain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Netherlands.....	.318	.000	.128	.208	.228	.131	.173	.173	.178	.000	.000	.180
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom.....	.000	.064	.029	.091	.029	.030	.058	.029	.030	.056	.029	.028
Smaller European Importers												
Austria.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Belgium.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Greece.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Portugal.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Sweden.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Switzerland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Turkey.....	.021	.000	.016	.016	.015	.006	.009	.015	.016	.000	.016	.011
Japan.....	.498	.544	.450	.428	.407	.547	.473	.529	.569	.511	.542	.541
Other OECD.....	.014	.002	.008	-.001	.009	.000	.009	.043	.000	.009	.009	.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/ The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

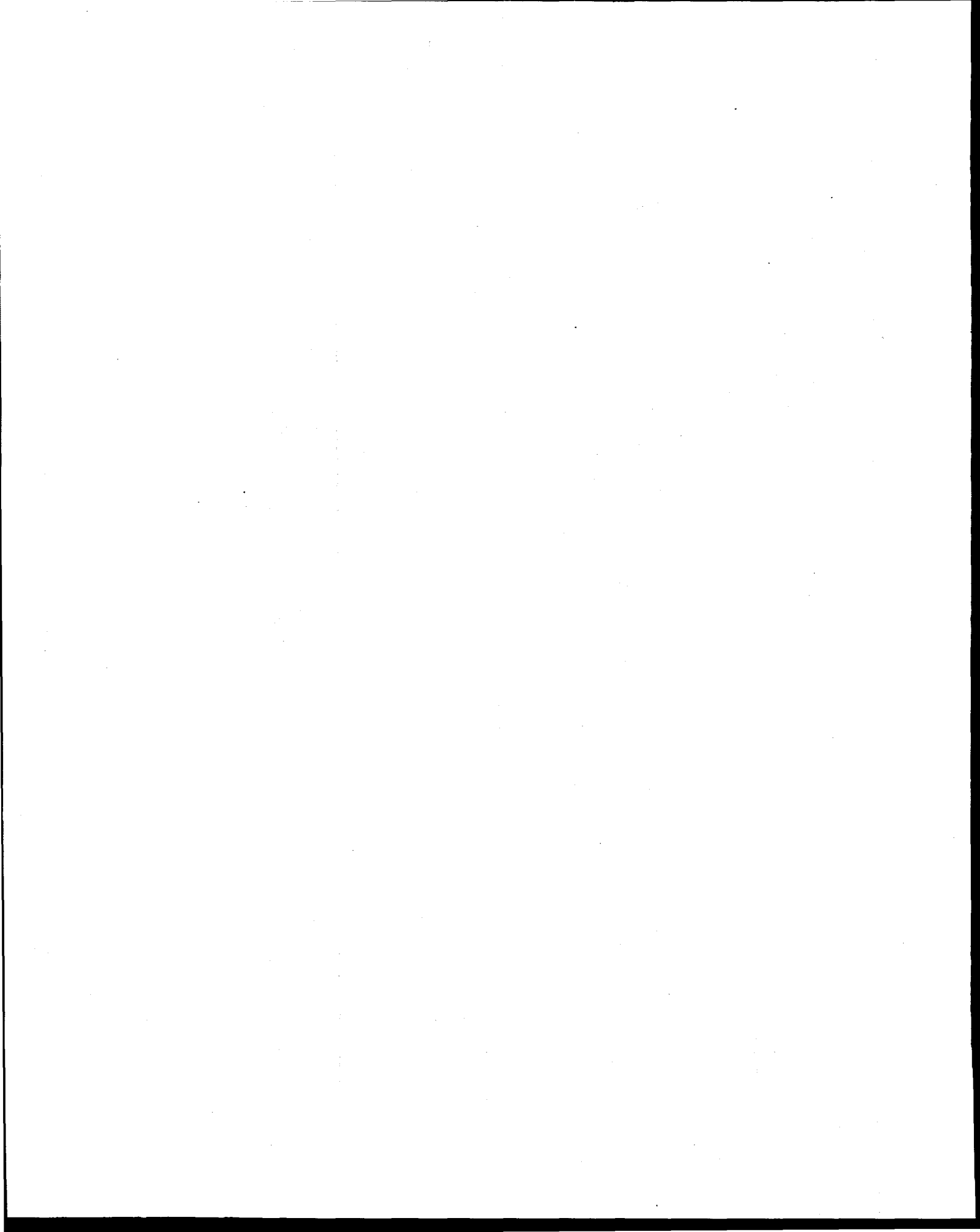
Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate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

Sources: See end of Section 3.

Sources for Section 3 (International Oil Imports)

Oil Imports

United States: • Energy Information Administration (EIA), Petroleum Supply Annual 1994 and Petroleum Supply Monthly, March 1996. Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues. • OECD, Monthly Oil Statistics data base, 1991-1995.



4. Historical Oil Data Series

1970-1995

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

	Algeria	Gabon	Indonesia	Iran	Iraq	Kuwait ¹	Libya	Nigeria	Qatar	Saudi Arabia ¹	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	2,739	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	2,092	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	406	5,064	1,860	1,907	22,279
1990 Average.....	1,175	270	1,462	3,088	3,05	1,175	1,375	1,810	406	6,410	2,117	2,137	23,465
1991 Average.....	1,230	294	1,592	3,312	305	1,190	1,483	1,892	395	8,115	2,386	2,375	23,569
1992 Average.....	1,214	298	1,504	3,429	425	1,058	1,433	1,943	423	8,332	2,266	2,371	24,695
1993 Average.....	1,190	312	1,528	3,650	512	1,872	1,377	2,050	419	8,198	2,191	2,450	25,748
1994 Average.....	1,170	329	1,514	3,635	553	2,034	1,378	2,037	444	8,147	2,263	2,514	26,017
1995 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.....	2,264	1,915	4,315	501	575	502	643	1,680	2,911	453	346
1994 Average.....	2,521	2,375	5,058	538	650	536	671	1,743	2,939	455	378
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	1,841	59,599
1981 Average.....	598	325	264	2,313	319	—	11,850	166	8,572	1,859	56,076
1982 Average.....	670	390	306	2,748	324	—	11,912	160	8,649	1,892	53,481
1983 Average.....	727	480	365	2,689	375	—	11,972	167	8,688	1,945	53,881
1984 Average.....	822	519	440	2,780	414	—	11,861	170	8,879	2,014	54,488
1985 Average.....	887	620	440	2,745	498	—	11,585	178	8,971	2,123	53,981
1986 Average.....	813	630	504	2,435	560	—	11,895	194	8,680	2,166	56,227
1987 Average.....	896	609	497	2,548	582	—	12,050	230	8,349	2,120	56,666
1988 Average.....	848	635	540	2,512	617	—	12,053	265	8,140	2,235	58,737
1989 Average.....	865	700	585	2,520	641	—	11,715	340	7,613	2,249	59,863
1990 Average.....	873	660	619	2,553	685	—	10,975	388	7,355	2,253	60,566
1991 Average.....	874	615	646	2,680	700	—	9,992	492	7,417	2,274	60,213
1992 Average.....	881	561	653	2,669	740	7,632	—	481	7,171	3,229	60,207
1993 Average.....	892	543	648	2,671	776	6,890	—	570	6,847	3,267	60,640
1994 Average.....	875	599	645	2,689	805	5,821	—	579	6,662	3,417	60,916
1995 Average P....	920	703	682	2,618	851	5,768	—	610	6,530	3,397	62,239

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

— = Not applicable. P=Preliminary.
Sources: See end of Section 4.

Table 4.2 OPEC Crude Oil Production (Excluding Condensate), 1980-1995
(Thousand Barrels per Day)

	Algeria	Gabon	Indonesia	Iran	Iraq	Kuwait ¹	Libya	Nigeria	Qatar	Saudi Arabia ¹	United Arab Emirates	Venezuela	Total OPEC
1980 Average...	1,006	175	1,497	1,662	2,514	1,656	1,787	2,045	472	9,900	1,704	2,147	26,565
1981 Average...	802	151	1,513	1,380	1,000	1,125	1,140	1,423	405	9,815	1,469	2,083	22,306
1982 Average...	712	156	1,247	2,214	1,012	823	1,150	1,285	330	6,483	1,215	1,878	18,505
1983 Average...	648	157	1,245	2,440	1,005	1,064	1,105	1,231	295	5,086	1,109	1,768	17,153
1984 Average...	694	157	1,279	2,174	1,209	1,157	1,087	1,368	394	4,663	1,091	1,689	16,962
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,059	1,475	301	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,034	1,447	308	4,870	1,270	1,645	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...	760	312	1,348	3,650	512	1,872	1,377	1,925	419	8,198	2,141	2,410	24,924
1994 Average...	740	329	1,334	3,600	548	2,034	1,378	1,887	409	8,147	2,183	2,474	25,062
1995 Average P.	767	341	1,343	3,608	550	2,061	1,390	1,876	449	8,231	2,197	2,710	25,524

¹/ Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1980 through July 1990 and beginning in June 1991. 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	1,551	604	761	869	3,869
1985 Average.....	120	337	271	375	350	1,609	645	808	892	3,938
1986 Average.....	120	328	352	385	440	1,551	700	860	969	4,150
1987 Average.....	140	367	338	418	430	1,595	721	900	1,006	4,279
1988 Average.....	120	381	370	499	450	1,625	808	979	1,077	4,481
1989 Average.....	130	410	384	503	425	1,546	851	1,041	1,188	4,503
1990 Average.....	130	426	428	620	425	1,559	930	1,107	1,281	4,629
1991 Average.....	140	431	457	680	420	1,659	950	1,132	1,318	4,843
1992 Average.....	140	460	454	713	390	1,697	1,003	1,185	1,364	4,953
1993 Average.....	145	503	457	704	380	1,736	1,092	1,270	1,455	5,157
1994 Average.....	145	538	461	698	400	1,727	1,083	1,260	1,453	5,280
1995 Average P.....	145	574	447	701	410	1,762	1,086	1,263	1,456	5,437

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

2/ See Appendix A for countries in this group.

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

P=Preliminary.

Sources: See end of Section 4.

Table 4.4 World Oil Supply, 1970-1995
(Thousand Barrels per Day)

	United States ^{1/}	Persian Gulf ^{2/}	OAEPC ^{3/}	OPEC ^{3/}	World
1970 Average.....	11,673	13,541	14,571	23,676	48,986
1971 Average.....	11,554	15,940	15,427	25,629	51,766
1972 Average.....	11,601	17,734	16,451	27,353	54,574
1973 Average.....	11,428	20,895	18,656	31,165	59,300
1974 Average.....	10,978	21,550	18,399	30,964	59,391
1975 Average.....	10,505	19,223	16,831	27,441	56,511
1976 Average.....	10,251	21,847	19,563	31,064	61,121
1977 Average.....	10,437	22,098	20,372	31,665	63,665
1978 Average.....	10,820	21,067	19,819	30,329	64,225
1979 Average.....	10,707	21,569	22,575	31,503	66,973
1980 Average.....	10,809	18,541	20,715	27,595	64,153
1981 Average.....	10,739	15,894	17,619	23,545	60,763
1982 Average.....	10,783	12,815	13,786	19,859	58,226
1983 Average.....	10,788	11,676	12,416	18,510	58,056
1984 Average.....	11,107	11,433	12,619	18,547	59,645
1985 Average.....	11,192	10,320	11,498	17,324	59,264
1986 Average.....	10,905	12,441	13,653	19,477	61,771
1987 Average.....	10,648	12,869	13,992	19,745	62,410
1988 Average.....	10,473	14,310	15,662	21,625	64,673
1989 Average.....	9,880	15,733	16,658	23,532	65,854
1990 Average.....	9,677	16,249	17,232	24,807	66,710
1991 Average.....	9,883	15,723	16,766	24,939	66,614
1992 Average.....	9,768	17,010	17,871	26,117	66,855
1993 Average.....	9,602	18,012	18,657	27,261	67,680
1994 Average.....	9,413	18,230	18,855	27,527	68,085
1995 Average P.....	9,362	18,403	19,133	27,987	69,611

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

2/ See Appendix A for countries in this group.

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

P=Preliminary.

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

Sources: See end of Section 4.

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

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1973 December.....	201	152	181	156	1,070	1,008	140	303	67	2,588
1974 December.....	249	167	213	191	1,227	1,074	145	370	64	2,880
1975 December.....	225	143	187	165	1,154	1,133	174	375	67	2,903
1976 December.....	234	143	208	165	1,205	1,112	153	380	68	2,918
1977 December.....	239	161	225	148	1,268	1,312	167	409	68	3,224
1978 December.....	201	154	238	157	1,219	1,278	144	413	68	3,122
1979 December.....	226	163	272	169	1,353	1,341	150	460	75	3,379
1980 December.....	243	170	319	168	1,464	1,392	164	495	72	3,587
1981 December.....	214	167	297	143	1,337	1,484	161	482	67	3,531
1982 December.....	193	179	272	125	1,258	1,430	136	484	68	3,376
1983 December.....	153	149	249	118	1,142	1,454	121	470	68	3,255
1984 December.....	152	159	239	112	1,130	1,556	128	479	69	3,362
1985 December.....	139	157	233	123	1,092	1,519	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	1,593	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	1,607	126	540	71	3,474
1988 December.....	140	155	266	112	1,118	1,597	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	1,581	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	1,621	121	590	73	3,568
1991 December.....	153	160	288	119	1,181	1,617	119	606	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	1,647	105	618	69	3,661
1994 December.....	158	164	312	115	1,240	1,653	119	645	69	3,726
1995 December P.....	159	162	301	105	1,216	1,561	119	631	74	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	33,493	46,808
1971 Average...	2,115	1,838	2,702	2,141	13,005	15,213	1,565	4,142	831	34,755	34,993	49,416
1972 Average...	2,322	1,947	2,859	2,284	13,934	16,367	1,664	4,363	948	37,275	37,545	53,094
1973 Average...	2,601	2,068	3,055	2,341	14,925	17,308	1,729	4,949	988	39,900	40,182	57,237
1974 Average...	2,447	2,004	2,748	2,210	13,988	16,653	1,779	4,864	1,095	38,379	38,686	56,677
1975 Average...	2,252	1,855	2,650	1,911	13,217	16,322	1,779	4,621	1,041	36,980	37,287	56,198
1976 Average...	2,420	1,971	2,877	1,892	14,124	17,461	1,818	4,837	1,119	39,358	39,687	59,673
1977 Average...	2,294	1,897	2,865	1,905	13,916	18,431	1,850	4,880	1,160	40,237	40,584	61,826
1978 Average...	2,408	1,952	2,927	1,938	14,290	18,847	1,902	4,945	1,204	41,187	41,550	64,158
1979 Average...	2,463	2,039	3,003	1,971	14,667	18,513	1,971	5,050	1,178	41,379	41,748	65,220
1980 Average...	2,256	1,934	2,707	1,725	13,634	17,056	1,873	4,960	1,072	38,595	38,970	63,067
1981 Average...	2,023	1,874	2,449	1,590	12,515	16,058	1,768	4,848	1,080	36,269	36,624	60,903
1982 Average...	1,880	1,781	2,372	1,590	12,053	15,296	1,578	4,582	1,008	34,517	34,888	59,503
1983 Average...	1,835	1,750	2,324	1,531	11,765	15,231	1,448	4,395	954	33,793	34,129	58,744
1984 Average...	1,754	1,646	2,322	1,849	11,736	15,726	1,472	4,576	989	34,500	34,840	59,836
1985 Average...	1,775	1,717	2,338	1,634	11,681	15,726	1,504	4,384	976	34,271	34,633	60,098
1986 Average...	1,772	1,738	2,498	1,649	12,102	16,281	1,506	4,439	951	35,279	35,641	61,762
1987 Average...	1,789	1,855	2,424	1,603	12,255	16,665	1,548	4,484	959	35,911	36,253	63,010
1988 Average...	1,797	1,836	2,422	1,697	12,427	17,283	1,693	4,752	939	37,093	37,415	64,832
1989 Average...	1,857	1,930	2,280	1,738	12,531	17,325	1,733	4,983	998	37,570	37,871	66,030
1990 Average...	1,818	1,872	2,382	1,752	12,629	16,988	1,690	5,140	1,027	37,475	37,758	66,155
1991 Average...	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	---	38,067	66,715
1992 Average...	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	---	38,768	66,574
1993 Average...	1,875	1,852	2,900	1,815	13,492	17,237	1,688	5,401	1,117	---	38,935	66,647
1994 Average...	1,833	1,841	2,879	1,837	13,584	17,718	1,727	5,674	1,173	---	39,876	68,576
1995 Average P.	1,896	1,935	2,876	1,834	13,825	17,704	1,763	5,730	1,167	---	40,190	69,664

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

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

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

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

P=Preliminary. ---Not Applicable.

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

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total.....	16.962	15.878	17.670	18.008	18.706	20.082	20.456	20.414	20.783	21.226	21.133
United States ¹ /....	4.715	4.286	5.439	5.914	6.587	7.202	7.161	6.626	6.938	7.618	7.986
Canada.....	-309	-419	-391	-358	-585	-462	-425	-479	-546	-586	-623
OECD Europe ² /.....	7.675	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355
Main European Importers											
France.....	1.724	1.654	1.682	1.742	1.718	1.711	1.750	1.869	1.784	1.761	1.615
Germany ³ /.....	2.115	2.166	2.380	2.281	2.279	2.112	2.202	2.664	2.739	2.723	2.731
Italy.....	1.618	1.603	1.642	1.718	1.590	1.716	1.788	1.769	1.839	1.747	1.778
Netherlands.....	.532	.515	.632	.562	.646	.635	.677	.690	.713	.688	.720
Spain.....	.855	.802	.747	.803	.869	.952	.950	.951	.998	1.066	1.119
European Net Exporters											
Norway.....	-578	-656	-718	-866	-1.036	-1.420	-1.543	-1.825	-2.102	-2.254	-2.586
United Kingdom....	-829	-1.035	-1.067	-1.015	-1.760	-2.200	-2.214	-1.158	-2.221	-3.355	-850
Smaller European Importers											
Austria.....	.176	.174	.188	.194	.185	.191	.201	.212	.209	.205	.210
Belgium.....	.374	.382	.456	.443	.451	.454	.442	.506	.517	.503	.517
Denmark.....	.165	.166	.150	.122	.107	.078	.063	.048	.032	.023	.027
Ireland.....	.081	.078	.098	.081	.076	.079	.095	.094	.097	.102	.109
Finland.....	.177	.207	.229	.242	.200	.220	.208	.211	.188	.182	.234
Greece.....	.197	.210	.245	.230	.242	.252	.273	.297	.326	.327	.292
Iceland.....	.010	.011	.011	.013	.012	.011	.011	.012	.011	.014	.015
Luxembourg.....	.021	.023	.024	.028	.028	.031	.034	.039	.040	.039	.040
Portugal.....	.185	.166	.183	.199	.198	.246	.250	.258	.279	.272	.270
Sweden.....	.300	.349	.379	.309	.313	.290	.324	.273	.320	.335	.362
Switzerland.....	.252	.257	.290	.254	.258	.254	.273	.273	.277	.250	.262
Turkey.....	.302	.310	.342	.402	.397	.384	.425	.366	.413	.500	.490
Japan.....	4.531	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766
Other OECD.....	.350	.322	.338	.291	.250	.313	.270	.392	.467	.599	.648

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

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

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

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

•Data for 1994 are preliminary.

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Total.....	11.378	10.531	12.408	12.414	13.115	14.602	15.675	15.597	15.809	16.259	16.054
United States ^{1/}	1.987	1.756	2.750	3.025	3.455	4.036	4.236	4.002	4.012	4.255	4.230
Canada.....	.137	.128	.158	.155	.162	.205	.199	.210	.210	.268	.285
OECD Europe ^{2/}	5.548	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446
Main European Importers											
France.....	.961	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989
Germany ^{3/}	.807	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841
Italy.....	1.199	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117
Netherlands.....	.584	.568	.771	.773	.875	.905	.862	.928	.926	.982	.906
Spain.....	.595	.553	.600	.564	.608	.689	.655	.702	.637	.585	.684
European Net Exporters											
Norway.....	.006	.005	.008	.002	.002	.003	.007	.014	.004	.005	.003
United Kingdom.....	.282	.308	.328	.277	.323	.342	.406	.377	.390	.439	.306
Smaller European Importers											
Austria.....	.081	.087	.090	.087	.082	.086	.097	.108	.115	.127	.119
Belgium.....	.197	.159	.288	.257	.302	.353	.313	.362	.359	.359	.284
Denmark.....	.049	.035	.025	.053	.067	.069	.044	.006	.001	.006	.008
Ireland.....	-	.000	.001	.001	-	-	.000	.000	.000	.000	.000
Finland.....	.020	.037	.021	.023	.011	.013	.013	.029	.033	.007	.004
Greece.....	.208	.197	.273	.279	.233	.244	.343	.298	.346	.303	.266
Portugal.....	.116	.113	.120	.101	.118	.156	.166	.139	.158	.166	.236
Sweden.....	.036	.051	.086	.062	.074	.064	.073	.105	.116	.123	.126
Switzerland.....	.075	.075	.068	.069	.051	.021	.038	.052	.051	.063	.082
Turkey.....	.332	.331	.344	.411	.439	.384	.388	.365	.412	.452	.475
Japan.....	3.372	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.206	4.282	4.507
Other OECD.....	.334	.268	.301	.408	.316	.367	.513	.491	.528	.616	.586

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

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

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

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

Sources: See end of Section 4.

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

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

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

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

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

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

*Data for 1994 are preliminary.

Sources: See end of Section 4.

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

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

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

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

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

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	4.531	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766
Imports from OPEC1/	3.372	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.206	4.282	4.507
Imports from Persian Gulf2/											
Total.....	2.773	2.533	2.557	2.637	2.691	3.173	3.394	3.370	3.586	3.721	3.946
Bahrain.....	.024	.026	.034	.037	.036	.042	.037	.037	.029	.025	.028
Iran.....	.258	.259	.220	.230	.187	.291	.385	.383	.362	.384	.459
Iraq.....	.015	.063	.164	.105	.173	.219	.146	.000	.000	—	—
Kuwait.....	.231	.215	.278	.347	.341	.458	.291	.014	.220	.368	.430
U.A.E.....	.674	.845	.890	.773	.822	.929	1.032	1.285	1.256	1.287	1.398
Qatar.....	.240	.220	.183	.139	.203	.250	.263	.285	.300	.330	.328
Saudi Arabia.....	1.330	.904	.789	1.005	.930	.984	1.240	1.367	1.420	1.327	1.303
Imports from OPEC-Africa											
Total.....	.012	.010	.016	.023	.044	.016	.020	.022	.015	.046	.029
Algeria.....	.012	.010	.015	.023	.044	.015	.010	.010	.007	.008	.012
Gabon.....	—	—	—	—	—	.002	.009	.011	.009	.038	.012
Libya.....	—	.001	.001	—	—	—	—	—	—	—	—
Nigeria.....	—	—	—	—	—	—	.001	.001	.000	.000	.005
Imports from OPEC-South America											
Total.....	.017	.014	.012	.012	.011	.011	.011	.010	.010	.009	.009
Venezuela.....	.017	.014	.012	.012	.011	.011	.011	.010	.010	.009	.009
Imports from OPEC-Far East											
Total.....	.594	.452	.486	.563	.599	.631	.682	.673	.624	.533	.551
Indonesia.....	.594	.452	.486	.563	.599	.631	.682	.673	.624	.533	.551

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

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

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

Sources: See end of Section 4.

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

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

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

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

Notes: •Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. •"OECD Europe" consists of Austria, Belgium, Denmark, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom. •Negative numbers represent net exports. •A dash (-) indicates no trade. •Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. •Data for 1994 is preliminary.

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	1.724	1.654	1.682	1.742	1.718	1.711	1.750	1.869	1.784	1.761	1.615
Imports from OPEC1/	.961	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989
Imports from											
Persian Gulf2/											
Total.....	.493	.476	.586	.459	.484	.647	.864	.708	.640	.757	.651
Bahrain.....	.001	-	.001	-	.007	.002	.011	.000	.001	.002	.000
Iran.....	.068	.082	.065	.088	.012	.158	.182	.171	.151	.243	.156
Iraq.....	.072	.138	.109	.151	.143	.128	.062	.000	.000	-	-
Kuwait.....	.019	.035	.023	.044	.017	.021	.015	.011	.029	.032	.016
U.A.E.....	.089	.054	.035	-	.017	.040	.233	.064	.033	.025	.003
Qatar.....	.043	.034	.030	.002	.017	.009	.022	.003	.002	.000	.000
Saudi Arabia.....	.200	.134	.324	.175	.271	.288	.339	.459	.424	.454	.477
Imports from OPEC-Africa											
Total.....	.451	.387	.344	.212	.249	.218	.233	.376	.348	.283	.335
Algeria.....	.158	.109	.089	.072	.079	.089	.092	.107	.105	.066	.089
Gabon.....	.025	.043	.065	-	-	-	.000	.080	.066	.041	.034
Libya.....	.076	.070	.061	.064	.090	.065	.079	.104	.087	.063	.059
Nigeria.....	.192	.165	.129	.076	.079	.064	.062	.084	.090	.112	.153
Imports from											
OPEC-South America											
Total.....	.018	.020	.019	.012	.011	.012	.015	.017	.011	.010	.003
Venezuela.....	.018	.020	.019	.012	.011	.012	.015	.017	.011	.010	.003
Imports from OPEC-Far East											
Total.....	.000	.002	.000	-	-	.000	.000	.001	.001	.000	.000
Indonesia.....	.000	.002	.000	-	-	.000	.000	.001	.001	.000	.000

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

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

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

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	2.115	2.166	2.380	2.281	2.279	2.112	2.202	2.664	2.739	2.723	2.731
Imports from OPEC ¹ /	.807	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841
Imports from											
Persian Gulf ² /											
Total.....	.242	.152	.232	.187	.197	.216	.217	.227	.215	.250	.217
Bahrain.....	—	.000	—	—	—	—	—	—	—	.000	.001
Iran.....	.049	.053	.041	.020	.051	.041	.055	.053	.021	.053	.040
Iraq.....	.041	.008	.016	.052	.032	.009	.004	.000	.000	—	—
Kuwait.....	.026	.021	.021	.017	.013	.022	.000	.000	.009	.022	.026
U.A.E.....	.023	.006	.004	.024	.006	.023	.016	.012	.002	.002	.001
Qatar.....	.010	—	—	.001	.001	.002	.003	.002	.001	.000	.000
Saudi Arabia.....	.093	.064	.151	.072	.095	.119	.125	.161	.182	.173	.149
Imports from OPEC-Africa											
Total.....	.483	.532	.485	.405	.472	.436	.469	.537	.620	.594	.546
Algeria.....	.086	.130	.137	.146	.141	.106	.098	.126	.183	.195	.161
Gabon.....	.006	.003	.001	.004	—	—	.005	.013	.006	.000	.003
Libya.....	.200	.201	.152	.160	.237	.235	.244	.262	.252	.244	.244
Nigeria.....	.191	.197	.195	.095	.095	.095	.123	.136	.179	.154	.139
Imports from											
OPEC-South America											
Total.....	.082	.103	.113	.086	.091	.086	.088	.107	.128	.105	.079
Venezuela.....	.082	.103	.113	.086	.091	.086	.088	.107	.128	.105	.079
Imports from OPEC-Far East											
Total.....	—	.000	.001	.002	—	—	.002	.000	.000	.000	.000
Indonesia.....	—	.000	.001	.002	—	—	.002	.000	.000	.000	.000

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

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

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

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	1.618	1.603	1.642	1.718	1.590	1.716	1.788	1.769	1.839	1.747	1.778
Imports from OPEC1/	1.199	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117
Imports from Persian Gulf2/											
Total.....	.671	.583	.817	.782	.643	.619	.626	.595	.573	.548	.430
Bahrain.....	-	.002	.001	.000	-	.001	.000	.001	.001	.000	.000
Iran.....	.190	.146	.135	.141	.093	.124	.192	.231	.239	.221	.143
Iraq.....	.098	.139	.114	.167	.198	.138	.079	.000	.000	.000	.001
Kuwait.....	.108	.132	.147	.142	.118	.093	.063	.000	.007	.012	.001
U.A.E.....	.053	.024	.051	.109	.060	.085	.075	.044	.013	.002	.000
Qatar.....	.018	.007	.004	.029	.002	.008	.000	.004	.001	.000	.000
Saudi Arabia.....	.204	.134	.364	.194	.171	.171	.216	.315	.312	.313	.286
Imports from OPEC-Africa											
Total.....	.450	.552	.507	.489	.517	.627	.740	.799	.757	.653	.661
Algeria.....	.067	.110	.087	.109	.108	.150	.155	.155	.140	.096	.099
Gabon.....	.001	.001	.001	-	.001	.001	.000	.006	.000	.000	.001
Libya.....	.261	.299	.309	.342	.389	.430	.556	.581	.584	.542	.543
Nigeria.....	.121	.142	.110	.038	.019	.045	.029	.057	.034	.015	.018
Imports from OPEC-South America											
Total.....	.076	.072	.039	.037	.029	.014	.007	.004	.005	.002	.007
Venezuela.....	.076	.072	.039	.037	.029	.014	.007	.004	.005	.002	.007
Imports from OPEC-Far East											
Total.....	.001	-	-	-	.002	.002	.003	.001	.009	.019	.019
Indonesia.....	.001	-	-	-	.002	.002	.003	.001	.009	.019	.019

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

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

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

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
total.....	0.542	0.784	0.964	1.103	1.489	1.581	1.276	0.000	0.000	0.000	0.000
United States1/.....	.012	.046	.081	.083	.343	.449	.518	.000	.000	.000	-
Canada.....	-	-	-	.010	.001	.013	.011	.000	.000	-	-
EC2 Europe2/.....	.516	.673	.717	.905	.959	.897	.591	.000	.000	.000	.000
Main European Importers											
France.....	.072	.138	.109	.151	.143	.128	.062	.000	.000	-	-
Germany3/.....	.041	.008	.016	.052	.032	.009	.004	.000	.000	-	-
Italy.....	.098	.139	.114	.167	.198	.138	.079	.000	.000	-	-
Netherlands.....	.021	.022	.067	.034	.039	.101	.117	.000	.000	-	-
Spain.....	.071	.123	.117	.080	.092	.109	.063	.000	.000	-	-
European Net Exporters											
United Kingdom.....	.008	.041	.071	.082	.070	.034	.027	.000	.000	-	-
Smaller European Importers											
Austria.....	.006	.007	-	.015	.007	.000	.000	.000	.000	-	-
Belgium.....	.038	.019	.026	.049	.037	.047	.029	.000	.000	-	-
Denmark.....	-	.000	-	.001	-	-	.000	.000	.000	-	-
Greece.....	.060	.038	.030	.065	.059	.052	.044	.000	.000	-	-
Portugal.....	.016	.018	.024	.019	.029	.024	.019	.000	.000	-	-
Sweden.....	-	.000	-	.003	.003	.005	.000	.000	.000	-	-
Switzerland.....	-	-	-	.000	-	.000	.000	.000	.000	-	-
Turkey.....	.086	.121	.143	.188	.250	.250	.146	.000	.000	.000	.000
Japan.....	.015	.063	.164	.105	.173	.219	.146	.000	.000	-	-
Other OECD.....	-.001	.001	.002	.000	.013	.003	.011	.000	.000	-	-

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

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

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

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

Sources: See end of Section 4.

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

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

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

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

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

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

Sources: See end of Section 4.

Sources for Section 4 (Historical Oil Data)

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

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

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

Oil Stocks

United States: EIA, Petroleum Supply Annual 1994.

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues. • OECD, Monthly Oil Statistics database, 1980-1995.

Oil Demand

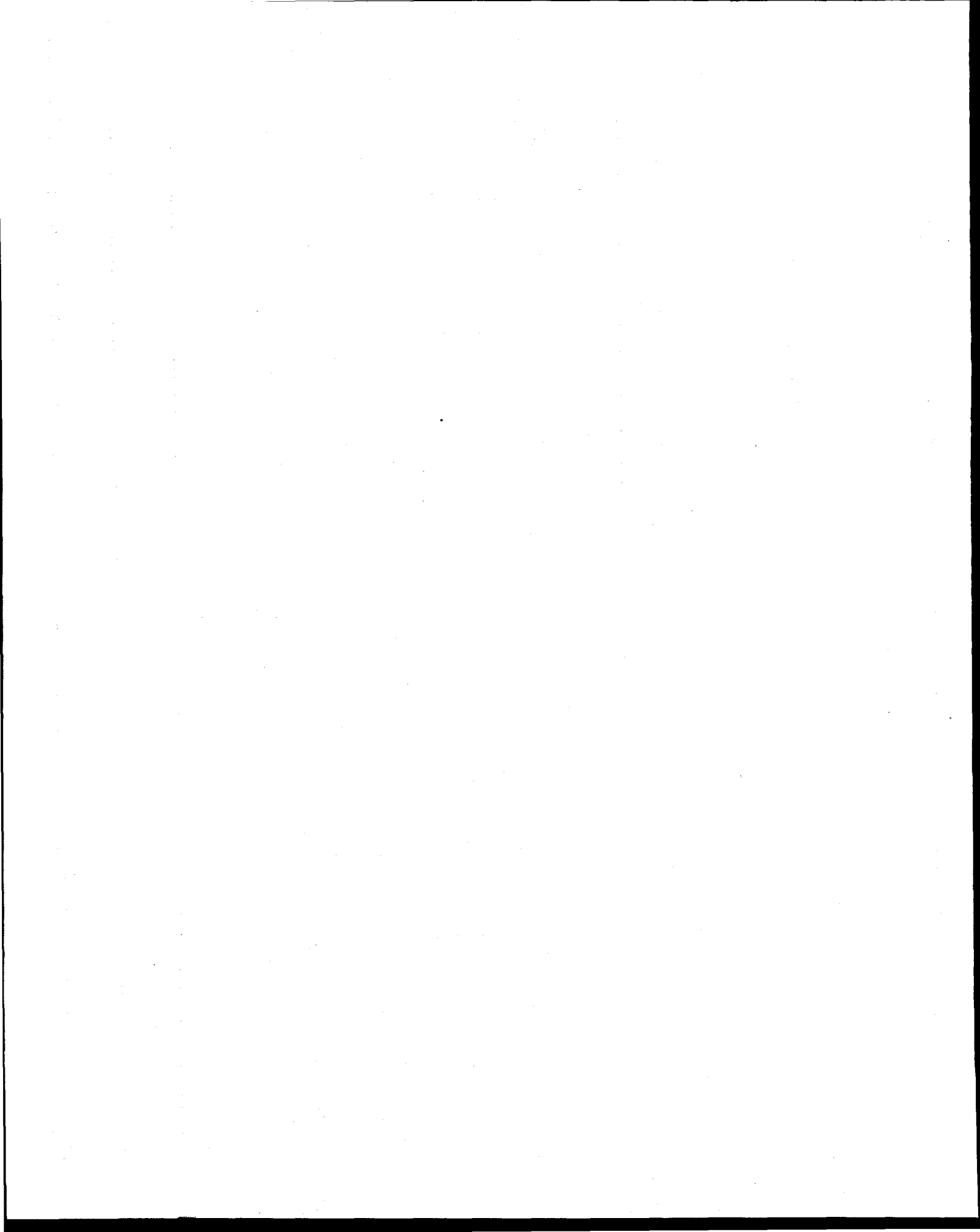
United States: EIA, Petroleum Supply Annual 1994.

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

Oil Imports

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

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



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 December 1995 United States (including territories) oil stocks totaled 1,422 million barrels.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Appendix C

Glossary

Appendix C. Glossary

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

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

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

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

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

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

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

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

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

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

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

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

Appendix D

Estimation Procedures

Appendix D. Estimation Procedures

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

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

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

Appendix E

Conversions

Table E1. Conversion Factors

Product Unit	Equivalent
Refined Petroleum Products	
Barrels per Metric Ton	
Asphalt	6.06
Distillate Fuel Oil	7.46
Gasoline, Aviation	8.90
Gasoline, Motor	8.53
Greases	6.30
Jet Fuel, Kerosene-type	7.93
Jet Fuel, Naptha-type	8.27
Kerosene	7.73
Liquefied Petroleum Gas (LPG)	11.60
Lubricants	7.00
Miscellaneous Products	8.04
Naphtha	8.22
Natural Gas Liquids (NGL)	10.40
Natural Gasoline	10.00
Paraffin Oil	7.14
Paraffin Wax	7.87
Petroleum	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
Bahamas.....	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
Honduras.....	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407
Paraguay.....	---	---	---	---	---	---	---	---	---	---	---
Peru.....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
Trinidad and Tobago.....	6.795	6.795	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
Venezuela.....	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082
Western Europe											
Austria.....	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082
Denmark.....	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689
France.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332
Germany.....	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295
Greece.....	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178
Italy.....	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853
Netherlands.....	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853
Norway.....	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810
Spain.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Sweden.....	---	---	---	---	---	---	---	---	---	---	---
Turkey.....	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150
United Kingdom.....	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466
Former Yugoslavia.....	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418

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

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

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Eastern Europe & Former U.S.S.R.											
Albania.....	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.5
Bulgaria.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.3
Former Czechoslovakia.....	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.7
Hungary.....	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.6
Poland.....	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.4
Romania.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.5
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	7.2
Middle East											
Bahrain.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.3
Iran.....	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.3
Iraq.....	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.4
Israel.....	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.2
Jordan.....	---	---	---	---	---	---	---	---	---	---	---
Kuwait.....	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.2
Oman.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.3
Qatar.....	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.5
Saudi Arabia.....	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.2
Syria.....	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.8
United Arab Emirates.....	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.4
Yemen.....	---	---	---	---	7.627	7.632	7.632	7.631	7.631	7.631	7.6
Africa											
Algeria.....	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.9
Angola.....	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.4
Benin.....	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.8
Cameroon.....	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.2
Congo.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.5
Egypt.....	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.2
Equatorial Guinea.....	---	---	---	---	---	---	---	---	8.077	8.077	8.0
Gabon.....	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.3
Ghana.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.2
Ivory Coast.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.2
Libya.....	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.5
Morocco.....	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.6
Nigeria.....	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.3
Tunisia.....	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.6
Zaire.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.3

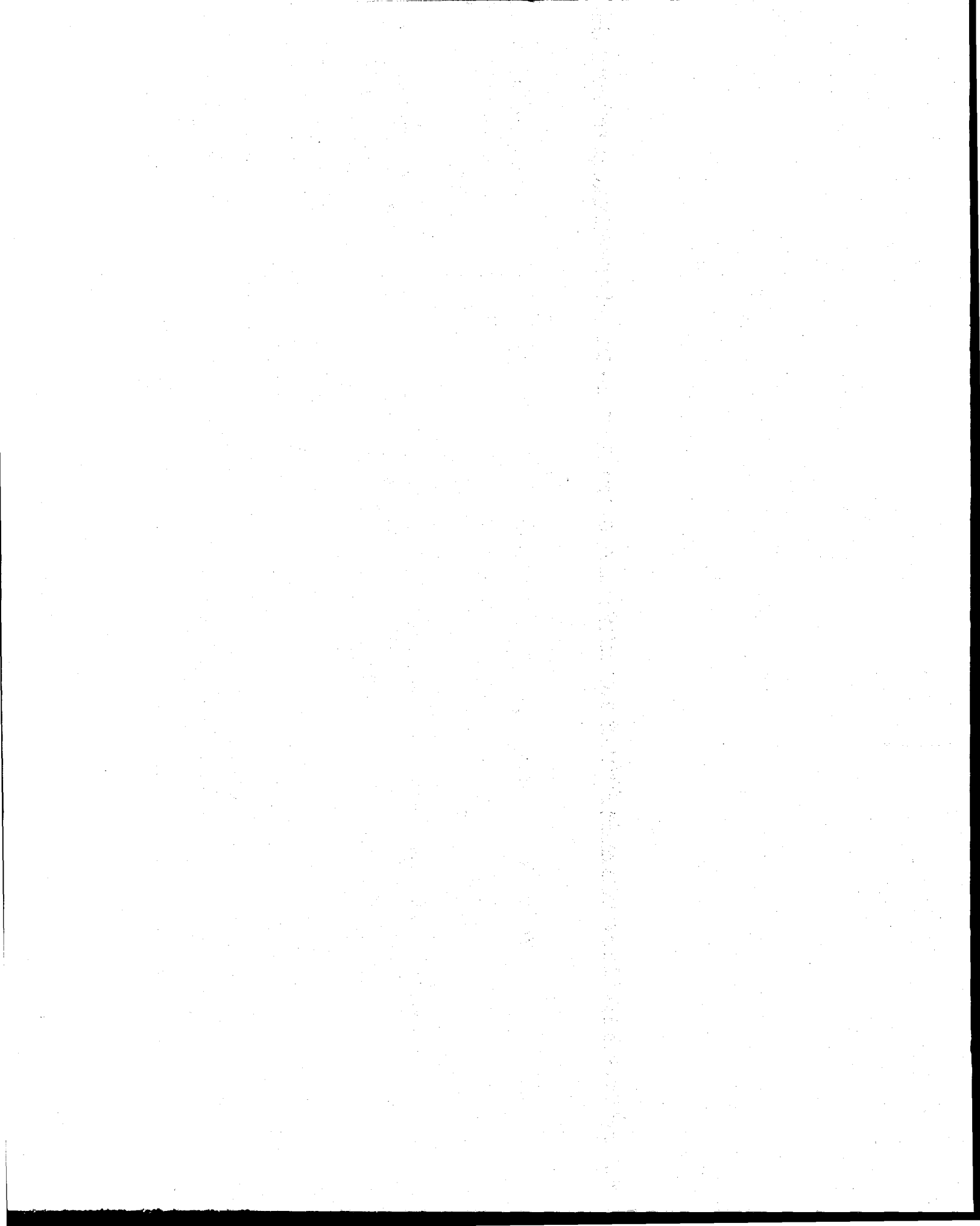
--- = No Production of this form of energy.
Sources: International Energy Annual 1993. DOE/EIA-0219(93) (95/05) (May 1995).

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

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
East & Oceania											
Australia.....	7.720	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855
Bangladesh.....	--	--	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453
Burundi.....	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
Sri Lanka.....	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568
Thailand.....	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758
Vietnam.....	--	--	--	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082

-- = No Production of this form of energy.

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



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