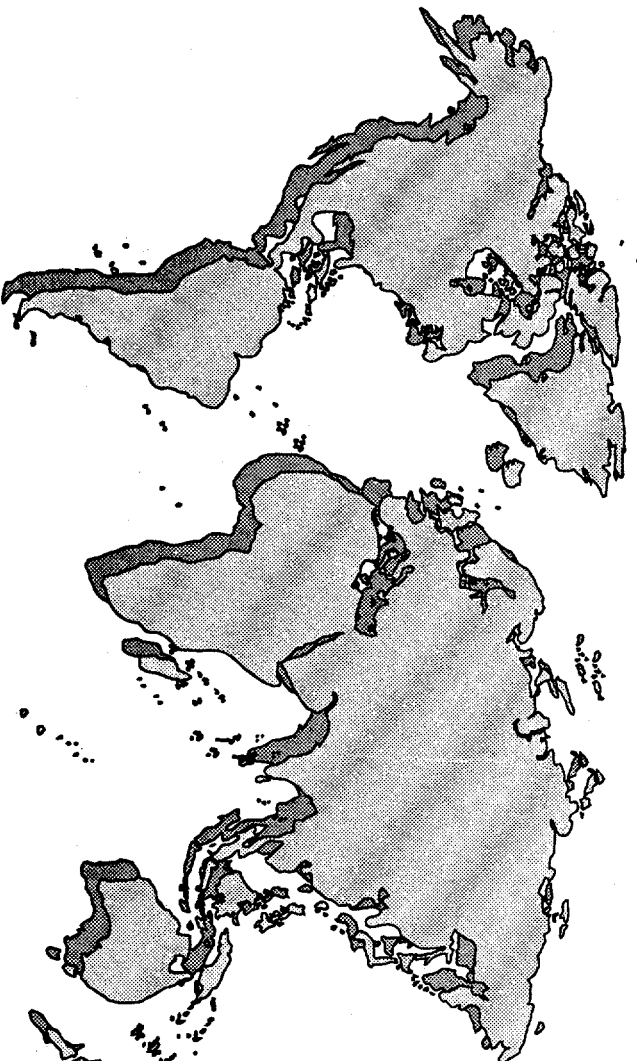


International Petroleum Statistics Report

March 1996

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International Petroleum Statistics Report

March 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 1994; OECD stocks from 1973 through 1994; and OECD trade from 1984 through 1994.

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

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

Oil Market Chronology -- February 1996

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

February 5

Turkmenistan cuts natural gas shipments to Armenia by 20 percent, to 140 million cubic feet per day. The move comes after Armenia's arrears to Turkmenistan reach \$50 million. Since the 1988 outbreak of hostilities between Armenia and Azerbaijan, Armenia's gas supply has been disrupted frequently. The country currently receives its gas supplies through a Georgian pipeline and from Iran. (DJ)

Clashes between Nigeria and Cameroon over the disputed Bakassi Peninsula result in two deaths. The Bakassi Peninsula is a 600-square mile region bordering the two countries that contains oil and natural gas reserves. Nigeria claims that a pre-independence treaty places the Peninsula in its territory. Cameroon contends that Nigeria offered it the region after Cameroon refused to help Biafran rebels during Nigeria's 1967 civil war. More recently, Nigeria has accused Cameroon of siphoning off 130,000 barrels per day of oil from the producing fields in the region. The International Court of Justice in the Hague is currently reviewing the case. (DJ)

February 9

Ecuador's state-owned oil company, Petroecuador, announces that it will offer nine exploration blocks in the country's eastern Amazon basin region called the Oriente. Despite transportation problems and environmental concerns, the Oriente region has been a focus of Ecuador's last two bidding rounds for exploration acreage. Petroecuador believes the region could hold between 100 million and 1 billion barrels of additional oil reserves, which could yield new production of at least 100,000 barrels per day between 2002 and 2004, depending on development timetables. (DJ)

February 10

Mexico's state-owned oil company, Petroleos Mexicanos (Pemex), announces that protests led by the Democratic Revolutionary Party in the Tabasco region have shut-in 28,000 barrels per day of oil production, resulting in cumulative losses of \$8.5 million during the past 13 days. Demonstrations have occurred at 61 sites in the Tabasco region, which accounts for about one-quarter of Mexico's oil production. About 1,000 protesters are demanding compensation for pollution caused by Pemex's oil operations in the region. In 1995, Mexico produced roughly 2.6 million barrels per day of crude oil. (DJ, DMN)

February 11

In the South China Sea, Philippine navy patrol boats forcibly seize a "pirate ship" which violates Philippine territorial waters. The vessel is stopped in the same region as two ships were three weeks earlier. Those ships were reported to be of a similar class as those used by the Chinese navy. The Philippines and China currently are involved in a territorial dispute over the South China Sea's Spratly Islands. In 1995, the Spratly's were estimated by a Russian geological team to contain up to 1 billion barrels of hydrocarbon reserves. (DJ)

February 12

Turkey and Turkmenistan sign a protocol to build a pipeline that could carry up to 350 billion cubic feet per day of Turkmen natural gas to European markets. Possible routes are either through Georgia or Iran. However, financing for the \$8-billion project still remains an issue. (DJ)

February 14

At the 62,000-barrel-per-day Talara refinery in northern Peru, over 2,000 employees of state-owned oil company, Petroperu, end a 13-day strike protesting the company's planned privatization. As preparation for Petroperu's privatization, about 1,500 of the company's 5,500 employees recently were laid-off, with about 80 percent of those workers employed at the Talara refinery. Striking employees return to work after a judge issues an order rescinding the lay-off notices. (DJ, PON)

February 15

In Wales, a Liberian-flagged oil tanker carrying 900,000 barrels of light crude oil runs aground. Force 10 gale storms lead to evacuation of the tanker's 35-member crew. The tanker had been transporting crude from the North Sea to Texaco's refinery at Milford Haven Harbour on the Welsh coast. During the following week of salvage operations, the tanker spills an estimated 450,000 barrels of oil. (DJ, WSJ, WT)

February 16

In Algeria, U.S.-based ARCO signs a \$1.5-billion production sharing contract to conduct enhanced oil recovery work on the Rhourde el-Baguel oil field. Rhourde el-Baguel is Algeria's second largest oil field, containing 2.5 billion barrels of remaining reserves. ARCO plans to drill additional wells and introduce gas injection at the field in the hopes of raising the 25,000 barrels per day of current output to 125,000 barrels per day within 10 years. The deal is the latest in a series of large commitments by foreign oil companies to invest in Algeria's oil sector. (FT)

February 19

In New York, the United Nations and Iraq end almost two weeks 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. Concurrent with the talks, Iraqi and Turkish officials meet to determine the status of the 1.6-million barrel-per-day Iraq-Turkey pipeline, through which a majority of the oil exports would flow. The U.N.-Iraq talks, which end without a decision, are scheduled to restart in March 1996. (NYT)

February 22

In Qatar, authorities arrest 60 army and police officers after a failed coup attempt to restore the deposed emir, Sheik Khalifa bin Hamad al-Thani. The Sheik is the father of the current emir, Sheik Hamad bin Khalifa al-Thani, who overthrew his father while he was vacationing in Switzerland in June 1995. Policies regarding Qatar's oil sector remained unchanged after the son's coup. (DI)

In the Caucasus, suspected Chechen rebels blow up a natural gas pipeline near the town of Shelkovskaya, cutting off Russian gas shipments to the region. Simultaneously, a separate attack on the pipeline occurs in neighboring Dagestan. The pipeline carries gas from Stavropol to Makhachkala. The attacks are followed shortly thereafter by the region's heaviest fighting since Russian forces invaded Chechnya in December 1994. Historically, Chechnya has been Azerbaijan's primary route for its oil exports to Russia. (DI, WP)

February 26

In Congo, the Angolan government and the Front for the Liberation of the Enclave of Cabinda (FLEC-R) agree to extend their present truce by another 120 days. Cabinda is the source of over 50 percent of Angola's oil production, which reached almost 700,000 barrels per day at the end of 1995. The enclave is separated from the Angolan mainland by a 16-mile wide coastal strip of Zairian territory. Various FLEC factions have fought for Cabindan autonomy since Angola's 1975 independence from Portugal. Since most of Cabinda's oil fields are located offshore, however, oil production has remained relatively unscathed. (DI)

February 27

In Nigeria, an explosion occurs on a pipeline carrying refined products to a depot about 40 miles from Lagos in the southwestern area of the country. Local repair workers notice that digging was evident around the pipeline, leading officials to suspect sabotage. (DI)

The Azerbaijan International Operating Company (AIOC) approves a \$231-million export pipeline through Georgia for part of the initial oil production from the consortium's new Caspian Sea oil fields. The AIOC is a consortium of international oil companies which is developing the Azeri, Chirag, and Guneshli oil fields off Azerbaijan in the Caspian Sea. In late 1995, the consortium also approved the use of existing Russian pipelines to export part of the 70,000 barrels per day of new oil production. Even though Turkey and Russia have lobbied aggressively for pipeline routes through their respective countries, no decision has been made yet on the export route for later oil production, which could reach 700,000 barrels per day by 2005. (DI, FT)

February 28

Oil industry sources report that Kuwait National Petroleum Corporation plans to temporarily shut down two of the country's three refineries for maintenance activities. The 415,000-barrel-per-day Mina al-Ahmadi refinery will be closed in mid-March for 40 days. Subsequently, the 145,000 barrels per day Shuaiba refinery will be shut for a similar time period beginning in mid-May 1996. The refinery closures are expected to result in a temporary shortage of refined products, especially from the Mina al-Ahmadi refinery. Kuwait plans to restore the Shuaiba refinery's pre-Gulf War operating capacity of 195,000 barrels per day by 1997. (DI)

February 29

Canada-based MacDonald Oil Exploration announces that it will sign an exploration agreement covering a 6,000-square mile area on Cuba's southeast coast. The deal comes amidst increased Canadian concern over possible U.S. sanctions against non-U.S. companies which conduct business in Cuba. In response to Cuba's downing of two U.S. civilian aircraft, the U.S. government is considering punitive measures which might allow litigation by U.S. citizens and corporations against foreign companies operating in Cuba as well as denying U.S. entry visas to foreign executives of those companies. (DI, WP)

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Appendix A. Organizational and Geographical Definitions

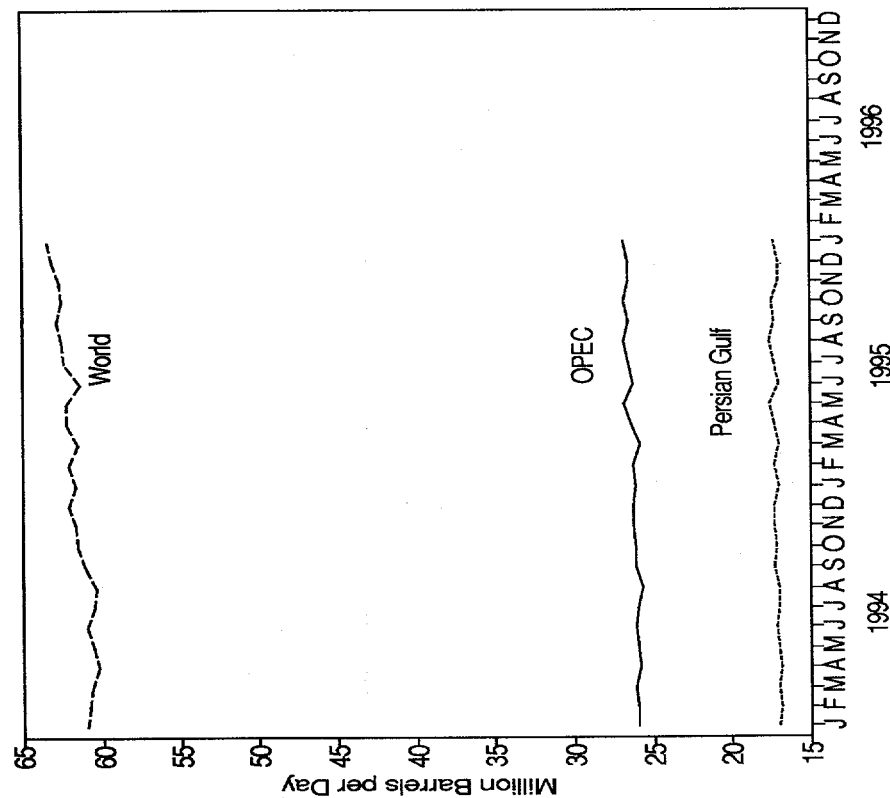
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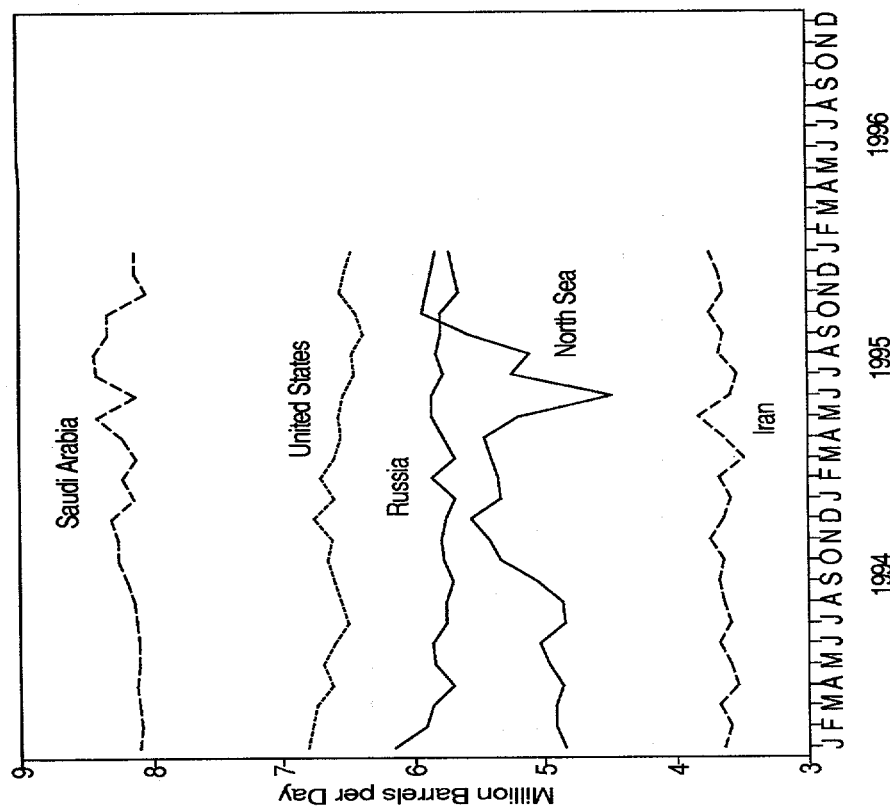
1. Annual and Monthly Oil Data

Figure 1. World Crude Oil Production, Monthly



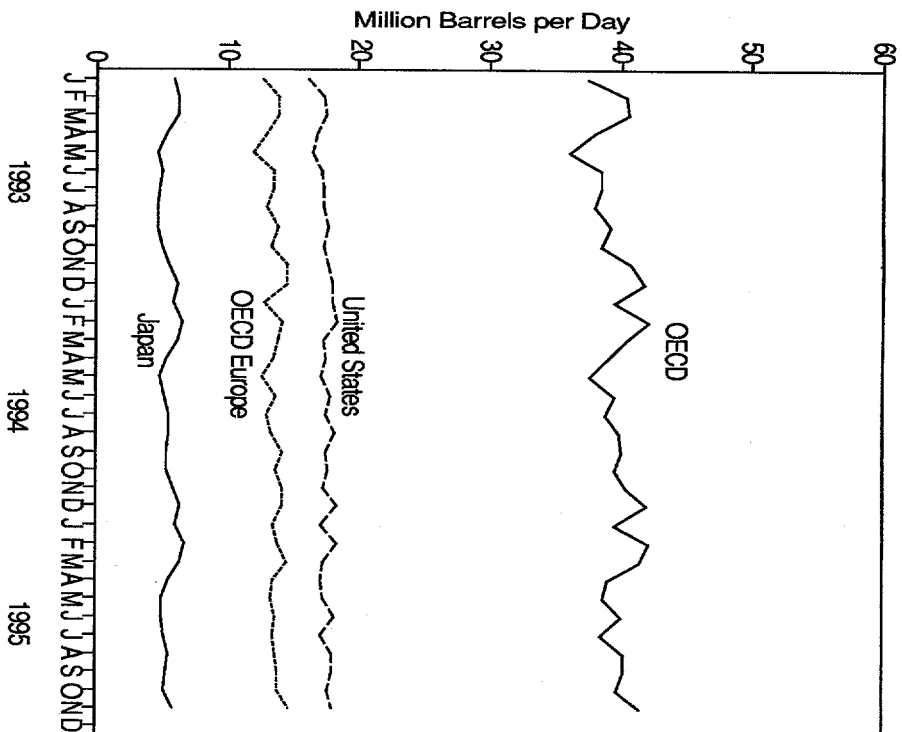
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Figure 2. Leading Crude Oil Producers, Monthly



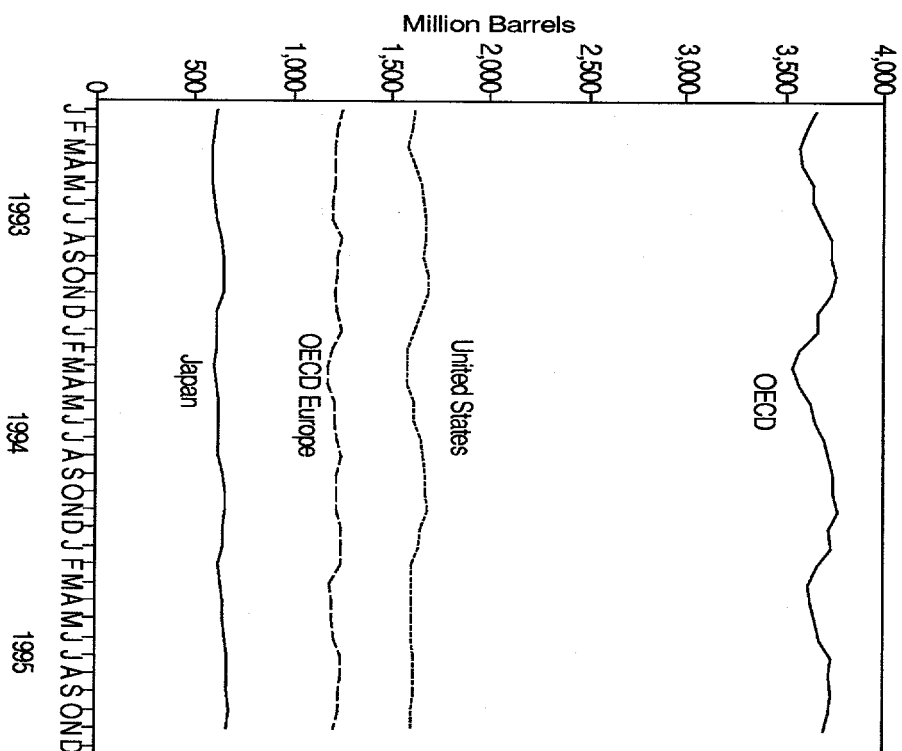
Source: Tables 1.1a-1.1c

Figure 3. OECD Oil Consumption, Monthly



Source: Table 1.7

Figure 4. OECD Oil Stocks, Monthly



Source: Table 1.5

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

	Algeria	Gabon	Indo- nesia	Iran	Iraq	Kuwait1/	Libya	Nigeria	Qatar	Saudi Arabia2/	United Arab Emirates	Vene- zuela	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.....	1,945	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	R2,015	1,390	R2,145	R495	8,110	R2,215	2,890	R26,630
1995 Average.....	1,197	341	1,523	3,643	555	R2,057	1,390	R2,028	R483	8,231	R2,274	2,750	R26,473
1996 January.....	1,220	360	1,540	3,735	555	2,038	1,400	2,160	495	8,118	2,290	2,940	26,850

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 January 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 455 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	710	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	R500	750	R1,840	3,070	605	R385
December.....	3,095	2,615	5,854	690	720	R525	R760	R1,870	3,070	R640	390
1995 Average.....	2,768	2,489	5,406	646	713	R562	695	R1,817	3,015	R589	392
1996 January.....	3,085	2,585	5,819	690	720	525	760	1,870	3,070	640	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.....	R920	695	650	2,680	845	5,675	--	615	6,596	R3,436	R61,589
February.....	R920	685	680	2,645	845	5,860	--	615	6,703	R3,406	R62,099
March.....	R920	695	680	2,670	845	5,675	--	615	6,606	R3,402	R61,457
April.....	R920	700	680	2,670	850	5,767	--	610	6,561	R3,405	R62,200
May.....	R920	715	680	2,680	850	5,860	--	610	6,572	R3,422	R62,183
June.....	R920	720	680	2,700	850	5,856	--	610	6,540	R3,424	R61,336
July.....	R920	720	690	2,705	850	5,776	--	610	6,449	R3,419	R62,342
August.....	R920	715	690	2,710	850	5,820	--	610	6,462	R3,387	R62,475
September.....	R920	720	690	2,740	850	5,789	--	610	6,380	R3,398	R62,827
October.....	R920	690	690	1,900	860	5,798	--	605	6,429	R3,358	R62,536
November.....	R920	685	690	2,555	860	5,662	--	605	R6,554	R3,342	R62,703
December.....	R920	R700	690	2,765	860	5,684	--	605	R6,520	R3,364	R63,113
1995 Average.....	R920	R703	682	2,618	851	5,768	--	610	R6,530	R3,397	R62,239
1996 January.....	920	700	690	2,860	860	5,728	--	605	PE6,460	3,374	63,382

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

-- = Not applicable. R=Revised data. E=Estimated. PE=Preliminary estimate. RE=Revised estimate.

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

Sources: See end of Section 1.

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

	Algeria	Gabon	Indonesia	Iran	Iraq	Kuwait ^{1/}	Libya	Nigeria	Qatar	Saudi Arabia ^{1/}	United Arab Emirates	Venezuela	Total OPEC
1985 Average...	702	172	1,181	2,250	1,433	1,023	1,059	1,475	301	3,388	1,133	1,558	15,675
1986 Average...	600	166	1,257	2,035	1,690	1,419	1,034	1,447	308	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	293	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	305	1,190	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	1,380	3,700	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	2,037	1,400	2,010	460	8,117	2,210	2,900	25,895

^{1/} Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1980 through July 1990 and beginning in June 1991. Kuwait's 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 January 1996, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 455 thousand barrels per day.

Notes: *OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.
 *Monthly data are often preliminary and also may not average to the annual totals due to rounding.
 Sources: See end of Section 1.

Table 1.3 World Natural Gas Plant Liquids Production, 1985-Present
(Thousand Barrels per Day)

	Algeria	Canada	Mexico	Saudi Arabia	Former USSR	United States ¹	Persian Gulf ²	OAEPC ³	OPEC ³	World
1985 Average.....	120	337	271	375	350	1,609	645	808	892	3,938
1986 Average.....	120	328	352	385	440	1,551	700	860	969	4,150
1987 Average.....	140	367	338	418	430	1,595	721	900	1,006	4,279
1988 Average.....	120	381	370	499	450	1,625	808	979	1,077	4,481
1989 Average.....	130	410	384	503	425	1,546	851	1,041	1,188	4,503
1990 Average.....	130	426	428	620	425	1,559	930	1,107	1,281	4,629
1991 Average.....	140	431	457	680	420	1,659	950	1,132	1,318	4,843
1992 Average.....	140	460	454	713	390	1,697	1,003	1,185	1,364	4,953
1993 Average.....	145	503	457	704	380	1,736	1,092	1,270	1,455	5,157
1994 Average.....	145	538	461	698	400	1,727	1,083	1,260	1,453	5,280
1995 January.....	145	617	475	695	410	1,773	1,080	1,257	1,450	5,550
February.....	145	591	405	695	410	1,774	1,080	1,257	1,450	5,464
March.....	145	611	440	695	410	1,773	1,080	1,257	1,450	5,508
April.....	145	617	425	700	410	1,773	1,085	1,262	1,455	5,501
May.....	145	554	460	705	410	1,785	1,090	1,267	1,460	5,469
June.....	145	536	460	695	410	1,740	1,080	1,257	1,450	5,291
July.....	145	525	455	715	410	1,751	1,100	1,277	1,470	5,376
August.....	145	552	470	715	410	1,730	1,100	1,277	1,470	5,362
September.....	145	567	470	710	410	1,773	1,095	1,272	1,465	5,455
October.....	145	551	365	710	410	1,771	1,095	1,272	1,465	5,387
November.....	145	580	455	685	410	R1,795	1,070	1,247	1,440	R5,485
December.....	145	R590	475	695	410	R1,687	1,080	1,257	1,450	R5,397
1995 Average.....	145	R574	447	701	410	R1,762	1,086	1,263	1,456	R5,437
1996 January.....	145	590	475	690	410	E1,771	1,075	1,252	1,445	5,471

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/ 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.

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

Sources: See end of Section 1.

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

	United States ^{1/}	Persian Gulf ^{2/}	OAPEC ^{3/}	OPEC ^{3/}	World
1985 Average.....	11,192	10,320	11,498	17,324	59,264
1986 Average.....	10,905	12,441	13,653	19,477	61,771
1987 Average.....	10,648	12,869	13,992	19,745	62,410
1988 Average.....	10,473	14,310	15,662	21,625	64,673
1989 Average.....	9,880	15,733	16,658	23,532	65,854
1990 Average.....	9,677	16,249	17,232	24,807	66,710
1991 Average.....	9,883	15,723	16,766	24,939	66,614
1992 Average.....	9,768	17,010	17,871	26,117	66,855
1993 Average.....	9,602	18,012	18,657	27,261	67,680
1994 Average.....	9,413	18,230	18,855	27,527	68,085
1995					
January.....	9,442	18,217	R18,994	27,597	R69,076
February.....	9,542	18,437	R19,114	27,777	R69,492
March.....	9,308	18,127	R19,004	27,387	R68,759
April.....	9,393	18,402	R19,124	27,892	R69,608
May.....	9,422	18,767	R19,284	28,407	R69,581
June.....	9,344	18,207	R18,979	27,727	R68,555
July.....	9,273	18,497	R19,349	28,067	R69,656
August.....	9,282	18,677	R19,374	28,317	R70,243
September.....	9,250	18,472	R19,224	28,117	R69,885
October.....	9,298	18,602	R19,249	28,367	R70,153
November.....	R9,450	18,197	R18,954	28,022	R70,523
December.....	R9,356	R18,227	R18,934	R28,137	R69,611
1995 Average.....	R9,362	R18,403	R19,133	R27,987	
1996					
January.....	PE9,374	18,377	19,044	28,352	70,860

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

2/ See Appendix A for countries in this group.

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

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

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

Sources: See end of Section 1.

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

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1985 December.....	139	157	233	123	1,092	1,519	113	494	66	3,284
1986 December.....	127	155	252	124	1,133	1,593	111	509	72	3,418
1987 December.....	127	169	259	121	1,130	1,607	126	540	71	3,474
1988 December.....	140	155	266	112	1,118	1,597	116	538	71	3,440
1989 December.....	138	164	271	118	1,133	1,581	114	577	71	3,476
1990 December.....	140	172	265	112	1,163	1,621	121	590	73	3,568
1991 December.....	153	160	288	119	1,181	1,617	119	606	65	3,588
1992 December.....	146	174	310	113	1,219	1,592	107	603	67	3,588
1993 December.....	158	163	309	118	1,221	1,647	105	618	69	3,661
1994										
January.....	165	166	322	118	1,248	1,622	104	616	70	3,660
February.....	159	157	315	111	1,206	1,586	97	610	68	3,567
March.....	152	154	306	109	1,181	1,584	103	602	72	3,542
April.....	151	158	309	108	1,185	1,591	108	611	73	3,567
May.....	155	160	314	116	1,213	1,612	109	627	71	3,632
June.....	161	158	308	112	1,216	1,624	112	630	70	3,652
July.....	159	157	313	114	1,227	1,654	120	623	75	3,700
August.....	164	162	310	116	1,243	1,659	115	632	74	3,724
September.....	159	160	305	114	1,227	1,684	118	646	73	3,747
October.....	163	160	307	111	1,229	1,673	119	655	74	3,749
November.....	168	162	309	112	1,229	1,687	118	656	72	3,762
December.....	158	164	312	115	1,240	1,653	119	645	69	3,726
1995										
January.....	160	167	314	113	R1,247	1,641	121	650	69	R3,728
February.....	164	163	317	114	1,248	1,603	121	631	64	R3,667
March.....	152	159	305	105	1,194	1,599	125	636	68	3,621
April.....	156	159	306	107	R1,195	1,600	119	642	71	R3,626
May.....	153	161	304	112	R1,203	1,611	116	652	72	R3,654
June.....	166	168	301	102	1,213	1,609	126	656	73	3,677
July.....	160	171	304	110	R1,242	1,623	129	667	77	R3,738
August.....	160	174	304	109	R1,240	1,613	119	671	72	R3,714
September.....	162	163	301	110	1,236	1,618	126	675	77	3,732
October.....	162	165	304	R111	R1,236	1,605	R123	R682	77	R3,723
November.....	160	159	297	110	1,216	1,602	121	678	77	3,694

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

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

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

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

R=Revised data.

Notes: *Oil Stocks - See Explanatory Note 2 in Appendix B. *See Section 4 for historical series.

Sources: See end of Section 1.

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

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

¹/ U.S. geographic coverage is the 50 States and the District of Columbia.
²/ Data are for the unified Germany, i.e., the former East Germany and West Germany.
 NA=Not Available.

Note: *Sum of components may not equal total due to rounding. *Oil Stocks - See Explanatory Note 2 in Appendix B.
 *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group.
 Sources: See end of Section 1.

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

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	Total OECD
1985 Average....	1,775	1,717	2,338	1,634	11,681	15,726	1,504	4,384	976	34,271
1986 Average....	1,772	1,738	2,498	1,649	12,102	16,281	1,506	4,439	951	35,279
1987 Average....	1,789	1,855	2,424	1,603	12,255	16,665	1,548	4,484	959	35,911
1988 Average....	1,797	1,836	2,422	1,697	12,427	17,283	1,693	4,752	939	37,093
1989 Average....	1,857	1,930	2,280	1,738	12,531	17,325	1,733	4,983	998	37,570
1990 Average....	1,818	1,872	2,382	1,752	12,629	16,988	1,690	5,140	1,027	37,475
1991 Average....	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	38,067
1992 Average....	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	38,768
1993 Average....	1,875	1,852	2,900	1,815	13,492	17,237	1,688	5,401	1,117	38,935
1994										
January....	1,840	1,774	2,492	1,743	12,771	18,072	1,701	5,913	1,031	39,488
February....	1,966	1,907	2,994	1,920	14,223	18,337	1,795	6,524	1,156	42,036
March....	1,825	1,891	3,062	1,954	13,910	17,313	1,701	6,269	1,209	40,402
April....	1,850	1,816	2,900	1,809	13,475	17,489	1,590	5,294	1,157	39,005
May....	1,675	1,674	2,746	1,770	12,665	17,181	1,658	4,853	1,186	37,543
June....	1,811	1,683	3,000	1,880	13,621	17,815	1,690	5,132	1,228	39,487
July....	1,771	1,702	2,817	1,748	12,980	17,485	1,717	5,577	1,183	38,943
August....	1,736	1,699	2,905	1,747	13,294	18,117	1,786	5,595	1,137	39,928
September....	1,920	1,945	3,041	1,862	14,199	17,490	1,790	5,334	1,187	40,001
October....	1,844	1,873	2,884	1,853	13,648	17,719	1,731	5,363	1,084	39,545
November....	1,811	2,070	2,914	1,954	14,162	17,315	1,749	5,860	1,268	40,353
December....	1,961	2,070	2,820	1,818	14,161	18,319	1,819	6,421	1,250	41,970
Average....	1,833	1,841	2,879	1,837	13,584	17,718	1,727	5,674	1,173	39,876
1995										
January....	1,949	1,944	2,730	1,754	R13,581	17,167	1,671	6,075	1,123	R39,617
February....	1,895	2,128	2,802	1,953	R13,935	18,355	1,857	6,787	1,175	R42,110
March....	2,002	1,993	3,188	1,972	R14,597	17,403	1,704	6,378	1,241	R41,323
April....	1,843	1,837	2,854	1,788	R13,594	17,102	1,569	5,583	1,170	R39,018
May....	1,764	1,829	2,940	1,778	R13,371	17,241	1,732	5,037	1,263	R38,644
June....	1,850	1,884	2,874	1,809	R13,785	18,149	1,774	5,009	1,219	R39,935
July....	1,939	1,861	2,827	1,736	R13,427	17,113	R1,723	5,129	1,163	R38,556
August....	1,786	1,722	2,932	1,795	R13,614	17,993	R1,844	5,546	1,223	R40,220
September....	1,887	1,961	2,938	1,818	R13,901	18,011	R1,789	5,369	1,225	R40,295
October....	1,869	2,077	2,749	R1,839	R13,907	17,626	R1,824	R5,147	1,157	R39,660
November....	1,966	2,219	2,927	1,986	14,697	18,018	1,786	5,925	1,074	41,501

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, February 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, February 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, February 1996.

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

2. International Oil Balance Data

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

	1991			1992			1993			1994			1995		
	Annual			Annual			Annual			Annual			Annual		
	Average			Average			Average			Average			Average		
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	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	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	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	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	6.99	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	15.83	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	50.98	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	69.89	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	NA	NA	17.70	NA
Other OECD	21.35	21.74	21.70	22.70	21.17	21.92	22.84	22.16	23.36	21.70	21.99	NA	NA	21.99	NA
Total OECD	38.07	38.77	38.94	40.60	38.67	39.62	40.63	39.88	40.98	39.20	39.69	NA	NA	39.69	NA
Non-OECD															
China	2.50	2.66	3.11	3.10	3.10	3.10	3.20	3.13	3.29	3.29	3.29	NA	NA	3.29	NA
Former USSR	8.35	6.79	5.77	5.30	4.40	4.60	4.90	4.80	5.08	4.21	4.41	NA	NA	4.41	NA
Other Non-OECD	17.80	18.35	18.83	20.80	20.40	20.30	21.60	20.78	21.61	21.21	21.11	NA	NA	21.11	NA
Total Non-OECD	28.65	27.81	27.71	29.20	27.90	28.00	29.70	28.70	29.98	28.71	28.81	NA	NA	28.81	NA
Total World Demand	66.72	66.57	66.65	69.80	66.57	67.62	70.33	68.58	70.96	67.91	68.50	NA	NA	68.50	NA
Stock Draws / Discrepancy															
Net Reported Stock Draws4/															
U. S. Commercial	-.03	.08	-.12	.73	-.42	-.64	.33	.00	.60	-.11	-.10	NA	NA	-.10	NA
U. S. Strategic	-.02	-.02	-.03	-.03	-.02	.00	.00	-.01	.00	.00	.00	NA	NA	.00	NA
Other OECD	-.35	-.07	-.05	.62	-.77	-.38	-.10	-.16	.56	-.51	-.50	NA	NA	-.50	NA
For Export & Afloat	.07	-.10	-.04	.11	.00	.05	-.05	.03	-.28	.05	-.54	NA	NA	.05	NA
Commr. Floating Storage	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	NA	NA	.00	NA
Total Reported Draws	-.31	-.08	-.24	1.43	-1.21	-.97	.18	-.15	.88	-.56	-1.15	NA	NA	-1.15	NA
Other Stock Draws and															
Statistical Discrepancy5/	.41	-.20	-.79	.65	.16	.79	.97	.64	.98	-.79	-.25	NA	NA	-.25	NA

1/ Supply includes production of crude oil (including lease condensate), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, refinery gains, alcohol, and liquids produced from coal and other sources.

2/ U.S. geographical coverage is the 50 States and the District of Columbia. See Explanatory Note 1 in Appendix B.

3/ The term Demand is used interchangeably with the terms Consumption and Petroleum Products Supplied. See Appendix C for definition.

4/ Stock draws are positive numbers, stock additions are negative numbers.

5/ This is computed as Total Demand minus the sum of Total Supply and Total Reported Stock Draw.

NA=Not Available.

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

Sources: See end of Section 2.

Table 2.2 World Oil Supply, 1991-1995
(Million Barrels Per Day)

	1991	1992	1993	1994				1995					
	Annual	Annual	Annual	Quarter				Quarter					
	Average	Average	Average	First	Second	Third	Fourth	Average	First	Second	Third	Fourth	Average
OECD													
United States ^{1/} ...	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
Canada.....	2.03	2.13	2.24	2.30	2.27	2.37	2.40	2.33	2.43	2.42	2.45	2.48	2.44
North Sea ^{2/}	4.05	4.44	4.58	5.19	5.26	5.22	5.83	5.38	5.81	5.43	5.68	6.31	5.81
Other OECD.....	1.49	1.46	1.41	1.42	1.46	1.49	1.52	1.47	1.49	1.48	1.51	1.45	1.48
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													
Crude													
Algeria.....	1.23	1.21	1.19	1.17	1.17	1.17	1.17	1.17	1.18	1.18	1.21	1.22	1.20
Gabon.....	.29	.30	.31	.30	.34	.34	.34	.33	.33	.33	.34	.35	.34
Indonesia.....	1.59	1.50	1.53	1.51	1.51	1.52	1.52	1.51	1.51	1.51	1.51	1.56	1.52
Iran.....	3.31	3.43	3.65	3.64	3.60	3.63	3.67	3.64	3.58	3.69	3.62	3.69	3.64
Iraq.....	.30	.42	.51	.54	.55	.55	.55	.55	.55	.55	.55	.55	.55
Kuwait.....	.19	1.06	1.87	2.00	2.04	2.05	2.05	2.03	2.07	2.06	2.06	2.05	2.06
Libya.....	1.48	1.43	1.38	1.37	1.37	1.38	1.39	1.38	1.39	1.39	1.39	1.39	1.39
Nigeria.....	1.89	1.94	2.05	2.18	2.09	1.88	2.01	2.04	1.96	2.03	2.02	2.10	2.03
Qatar.....	.39	.42	.42	.44	.45	.45	.43	.44	.47	.48	.48	.49	.48
Saudi Arabia..	8.11	8.33	8.20	8.09	8.10	8.13	8.26	8.15	8.15	8.24	8.38	8.15	8.23
United Arab Emirates...	2.39	2.27	2.19	2.26	2.26	2.28	2.25	2.26	2.28	2.28	2.28	2.26	2.27
Venezuela.....	2.38	2.37	2.45	2.49	2.49	2.53	2.54	2.51	2.60	2.75	2.79	2.86	2.75
Natural Gas													
Plant Liquids	1.32	1.36	1.46	1.45	1.45	1.45	1.46	1.45	1.45	1.46	1.47	1.45	1.46
Processing Gain.	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
Total OPEC.....	24.94	26.12	27.26	27.50	27.48	27.43	27.70	27.53	27.58	28.01	28.17	28.18	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
China.....	2.83	2.84	2.91	2.91	2.94	2.93	2.97	2.94	2.98	2.99	3.02	3.07	3.02
Mexico.....	3.17	3.15	3.16	3.20	3.17	3.17	3.18	3.18	3.14	3.16	3.21	2.86	3.09
Other Non-OECD.....	7.81	8.02	8.42	8.63	8.71	8.93	9.06	8.83	9.32	9.34	9.59	9.57	9.46
Total Non-OECD.....	49.16	49.06	49.84	49.43	49.29	49.37	49.86	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	69.18	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				Year End				Year End				Year End				Year End			
	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth
OECD																				
United States ^{1/}																				
Commercial.....	1,048	1,017	1,060	994	1,032	1,092	1,061	1,007	1,017	1,026	1,017	1,026	1,007	1,017	1,026	1,017	1,026	1,017	1,026	NA
Strategic.....	569	575	587	590	592	592	592	592	592	592	592	592	592	592	592	592	592	592	592	NA
U. S. Territories.....	24	24	25	26	25	26	26	23	26	25	26	25	23	26	25	25	25	26	25	NA
Canada.....	119	107	105	103	112	118	119	125	126	126	126	126	125	126	126	126	126	126	126	NA
Japan.....	606	603	618	602	630	646	645	636	656	675	656	675	636	656	675	675	656	656	675	NA
OECD Europe																				
France.....	153	146	158	152	161	159	158	152	166	162	166	162	152	166	162	162	166	166	162	NA
Germany.....	288	310	309	306	308	305	312	305	301	301	301	301	305	301	301	301	301	301	301	NA
Italy.....	160	174	163	154	158	160	164	159	168	163	168	163	159	168	163	163	168	168	163	NA
United Kingdom.....	119	113	118	109	112	114	115	105	102	110	102	110	105	102	110	110	102	102	110	NA
Other OECD Europe.....	461	476	475	460	478	490	490	473	477	501	477	501	473	477	501	501	477	477	501	NA
Total.....	1,181	1,219	1,221	1,181	1,216	1,227	1,240	1,194	1,213	1,236	1,213	1,236	1,194	1,213	1,236	1,236	1,213	1,213	1,236	NA
Australia & New Zealand	41	43	44	46	45	47	43	45	47	52	47	52	45	47	52	52	47	47	52	NA
Total OECD.....	3,588	3,588	3,661	3,542	3,652	3,747	3,726	3,621	3,677	3,732	3,677	3,732	3,621	3,677	3,732	3,732	3,677	3,677	3,732	NA
Stocks for Export																				
and Afloat ^{2/}	895	930	945	935	935	930	935	960	955	1,005	955	1,005	960	955	1,005	1,005	955	955	1,005	NA
Commercial Floating ^{3/}	75	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	NA

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

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

^{3/} Stocks stored by industry in tankers moored offshore. Excludes strategic storage.
NA=Not Available.
Notes: •Oil Stocks - See Note 2 in Appendix B. •Sum of components may not equal total due to rounding.
Sources: See end of Section 2.

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

	1991	1992	1993	1994				1995					
	Annual	Annual	Annual	Quarter				Annual	Quarter				Annual
	Average	Average	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	NA	NA
U. S. Territories.....	.25	.22	.24	.24	.28	.24	.26	.26	.24	.26	.25	NA	NA
Canada.....	1.62	1.64	1.69	1.73	1.65	1.76	1.77	1.73	1.74	1.69	1.79	NA	NA
Japan.....	5.28	5.45	5.40	6.23	5.09	5.50	5.88	5.67	6.40	5.21	5.35	NA	NA
OECD Europe2/													
France.....	1.94	1.93	1.88	1.87	1.78	1.81	1.87	1.83	1.95	1.82	1.88	NA	NA
Italy.....	1.86	1.94	1.85	1.86	1.72	1.78	2.00	1.84	2.02	1.85	1.85	NA	NA
United Kingdom.....	1.80	1.80	1.81	1.87	1.82	1.78	1.87	1.84	1.89	1.79	1.78	NA	NA
Germany3/.....	2.83	2.84	2.90	2.84	2.87	2.92	2.87	2.88	2.91	2.89	2.90	NA	NA
Other OECD Europe.....	4.96	5.10	5.05	5.17	5.05	5.19	5.37	5.19	5.27	5.23	5.25	NA	NA
Total OECD Europe.....	13.39	13.60	13.49	13.62	13.25	13.48	13.99	13.58	14.04	13.58	13.65	NA	NA
Australia & New Zealand	.81	.82	.88	.90	.91	.93	.94	.92	.94	.96	.95	NA	NA
Total OECD.....	38.07	38.77	38.94	40.60	38.67	39.62	40.63	39.88	40.98	39.20	39.69	NA	NA
Non-OECD													
China.....	2.50	2.66	3.11	3.10	3.10	3.10	3.20	3.13	3.29	3.29	3.29	NA	NA
Former USSR.....	8.35	6.79	5.77	5.30	4.40	4.60	4.90	4.80	5.08	4.21	4.41	NA	NA
Other Non-OECD.....	17.80	18.35	18.83	20.80	20.40	20.30	21.60	20.78	21.61	21.21	21.11	NA	NA
Total Non-OECD.....	28.65	27.81	27.71	29.20	27.90	28.00	29.70	28.70	29.98	28.71	28.81	NA	NA
Total World Demand.....	66.72	66.57	66.65	69.80	66.57	67.62	70.33	68.58	70.96	67.91	68.50	NA	NA

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

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

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

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

Sources: See end of Section 2.

Sources for Section 2 (International Oil Balance Data)

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

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

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

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

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

3. International Oil Imports

Table 3.1 Average Net Oil Imports into OECD Countries, 1994
(Million Barrels per Day)

	Total	OECD Europe				OECD Outside Europe					
		Total	United Kingdom	France	Germany ^{1/}	Italy	Other Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}
Total Net Imports..	21.133	7.355	-0.850	1.615	2.731	1.778	2.081	7.986	-0.623	5.766	0.648
Imports from OPEC ^{5/}	16.054	6.446	.306	.989	.841	1.117	3.193	4.230	.285	4.507	.586
Imports from											
Persian Gulf ^{6/}											
Total.....	9.609	3.506	.174	.651	.217	.430	2.033	1.722	.119	3.946	.316
Bahrain.....	.031	.003	.001	.000	.001	.000	.001	-.002	-	.028	.004
Iran.....	1.549	1.074	.027	.156	.040	.143	.708	.000	.012	.459	.005
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	1.081	.302	.058	.016	.026	.001	.200	.312	.027	.430	.011
U.A.E.....	1.578	.067	.001	.003	.001	.000	.063	.011	.000	1.398	.102
Qatar.....	.351	.000	.000	.000	.000	.000	.000	.000	-	.328	.023
Saudi Arabia.....	5.018	2.060	.087	.477	.149	.286	1.061	1.402	.081	1.303	.171
Imports from											
OPEC-Africa											
Total.....	4.047	2.706	.083	.335	.546	.661	1.080	1.074	.101	.029	.137
Algeria.....	.978	.690	.035	.089	.161	.099	.307	.243	.028	.012	.005
Gabon.....	.290	.061	.000	.034	.003	.001	.024	.194	.000	.012	.023
Libya.....	1.233	1.233	.042	.059	.244	.543	.345	.000	.000	-	.000
Nigeria.....	1.546	.721	.006	.153	.139	.018	.404	.637	.073	.005	.110
Imports from											
OPEC-South America											
Total.....	1.703	.219	.049	.003	.079	.007	.080	1.322	.065	.009	.088
Venezuela.....	1.703	.219	.049	.003	.079	.007	.080	1.322	.065	.009	.088
Imports from											
OPEC-Far East											
Total.....	.727	.019	.000	.000	.000	.019	.000	.109	.000	.551	.048
Indonesia.....	.727	.019	.000	.000	.000	.019	.000	.109	.000	.551	.048

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

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

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

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

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

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

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

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

	Total	OECD Europe						OECD Outside Europe			
		Total	United Kingdom	France	Germany ^{1/}	Italy	Other Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}
Total Net Imports..	21.246	7.450	-1.054	1.722	2.734	1.703	2.346	8.352	-0.692	5.475	0.661
Imports from OPEC ^{5/}	14.964	5.487	.270	.959	.706	1.162	2.389	4.391	.209	4.258	.619
Imports from Persian Gulf ^{6/}											
Total.....	8.721	2.951	.140	.697	.170	.486	1.459	1.550	.022	3.848	.350
Bahrain.....	.040	.000	.000	.000	.000	.000	.000	-.004	-	.039	.005
Iran.....	1.446	1.083	.019	.241	.030	.213	.579	.000	.000	.363	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.819	.084	.039	.021	.011	.000	.013	.187	.000	.529	.018
U.A.E.....	1.405	.020	.000	.000	.000	.000	.020	.011	.000	1.304	.071
Oatar.....	.341	.000	.000	.000	.000	.000	.000	.000	-	.325	.016
Saudi Arabia.....	4.671	1.764	.082	.434	.129	.272	.847	1.355	.022	1.289	.241
Imports from OPEC-Africa											
Total.....	3.790	2.302	.079	.261	.468	.646	.848	1.201	.102	.029	.157
Algeria.....	.928	.563	.034	.094	.116	.088	.230	.269	.041	.022	.034
Gabon.....	.290	.021	.000	.000	.010	.000	.011	.253	.000	.007	.010
Libya.....	1.208	1.208	.035	.038	.237	.535	.363	.000	.000	-	.000
Nigeria.....	1.364	.511	.009	.129	.105	.023	.244	.679	.061	.000	.113
Imports from OPEC-South America											
Total.....	1.886	.224	.051	.002	.068	.019	.083	1.531	.085	.000	.046
Venezuela.....	1.886	.224	.051	.002	.068	.019	.083	1.531	.085	.000	.046
Imports from OPEC-Far East											
Total.....	.606	.011	.000	.000	.000	.011	.000	.105	.000	.420	.070
Indonesia.....	.606	.011	.000	.000	.000	.011	.000	.105	.000	.420	.070

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

Table 3.3 Net Oil Imports into OECD Countries, (2nd Quarter 1995)
(Million Barrels per Day)

	Total	OECD Europe					OECD Outside Europe				
		Total	United Kingdom	France	Germany ¹ /	Italy	Other Europe ² /	United States ³ /	Canada	Japan	Other ⁴ /
Total Net Imports..	21.003	7.621	-0.767	1.783	2.702	1.841	2.062	8.003	-0.826	5.463	0.742
Imports from OPEC ⁵ /	15.556	6.404	.272	.971	.776	1.182	3.204	4.107	.245	4.207	.592
Imports from											
Persian Gulf ⁶ /											
Total.....	9.106	3.486	.159	.704	.218	.473	1.932	1.517	.073	3.681	.349
Bahrain.....	.040	.000	.000	.000	.000	.000	.000	-.002	-	.040	.002
Iran.....	1.602	1.247	.020	.243	.032	.206	.745	.000	.007	.349	.000
Iraq.....	.000	.000	-	-	-	-	.000	-	-	-	-
Kuwait.....	.991	.315	.050	.043	.021	.000	.202	.213	.000	.460	.003
U.A.E.....	1.494	.003	.000	.003	.000	.000	.000	-.007	.000	1.384	.114
Qatar.....	.312	.000	.000	.000	.000	.000	.000	.000	-	.289	.023
Saudi Arabia.....	4.666	1.921	.089	.415	.165	.267	.984	1.314	.066	1.159	.207
Imports from											
OPEC-Africa											
Total.....	3.961	2.603	.046	.267	.453	.683	1.155	1.057	.105	.044	.152
Algeria.....	1.123	.822	.021	.109	.130	.090	.473	.230	.035	.015	.022
Gabon.....	.270	.021	.000	.011	.000	.011	.011	.242	.000	.007	-.001
Libya.....	1.222	1.222	.025	.052	.228	.586	.330	.000	.000	-	.000
Nigeria.....	1.347	.538	.000	.095	.095	.007	.341	.586	.070	.022	.131
Imports from											
OPEC-South America											
Total.....	1.849	.300	.067	.000	.105	.011	.118	1.446	.067	.002	.033
Venezuela.....	1.849	.300	.067	.000	.105	.011	.118	1.446	.067	.002	.033
Imports from											
OPEC-Far East											
Total.....	.679	.015	.000	.000	.000	.015	.000	.084	.000	.520	.061
Indonesia.....	.679	.015	.000	.000	.000	.015	.000	.084	.000	.520	.061

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

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

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

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

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

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

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

*A dash (-) indicates no trade. *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)

	1994					1995						
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total.....	21.793	19.734	20.917	20.524	20.442	20.831	21.743	21.238	20.803	21.713	20.057	20.596
United States ¹ /....	7.653	6.977	7.296	8.073	7.488	7.860	8.666	7.950	8.203	8.921	7.614	8.050
Canada.....	-7.728	-7.724	-6.774	-5.664	-8.70	-8.17	-7.91	-7.40	-7.00	-6.34	-6.91	-6.97
OECD Europe ² /.....	8.016	6.997	7.398	5.992	7.323	7.411	8.135	7.789	7.241	7.316	7.008	6.830
Main European Importers												
France.....	1.531	1.762	1.760	1.497	1.770	1.791	1.789	1.917	1.504	1.745	1.638	1.713
Germany ³ /.....	2.742	2.659	2.760	2.611	2.767	2.715	2.623	2.756	2.750	2.694	2.740	2.559
Italy.....	2.119	1.822	1.886	1.730	1.784	1.635	2.110	1.755	1.759	1.591	1.965	1.933
Spain.....	1.166	1.240	1.113	1.135	1.210	1.131	1.191	1.213	1.119	1.266	1.130	.986
Netherlands.....	.850	.662	.645	.423	.733	.568	.879	.843	.903	.835	.652	.464
European Net Exporters												
Norway.....	-2.607	-2.881	-2.705	-2.674	-2.946	-2.409	-2.703	-2.609	-2.837	-2.716	-3.042	-3.057
United Kingdom....	-.970	-1.097	-.993	-1.220	-1.053	-.614	-.638	-1.272	-.857	-1.033	-.964	-.895
Smaller European Importers												
Austria.....	.228	.192	.212	.187	.237	.203	.217	.228	.203	.227	.203	.195
Belgium.....	.578	.552	.534	.472	.485	.454	.466	.491	.510	.465	.464	.526
Denmark.....	.019	.051	.022	.031	.054	-.011	.061	.056	.055	.024	.027	.038
Ireland.....	.107	.141	.101	.133	.097	.138	.089	.127	.126	.097	.120	.113
Finland.....	.455	.159	.177	.154	.335	.176	.277	.200	.243	.267	.162	.219
Greece.....	.296	.367	.462	.251	.351	.277	.343	.380	.305	.299	.368	.462
Iceland.....	.025	.011	.014	.013	.014	.024	.009	.020	.020	.009	.014	.020
Luxembourg.....	.038	.036	.035	.041	.035	.037	.037	.030	.034	.037	.038	.036
Portugal.....	.306	.227	.298	.292	.252	.300	.317	.361	.239	.302	.347	.262
Sweden.....	.389	.276	.289	.239	.390	.293	.267	.394	.359	.216	.339	.404
Switzerland.....	.264	.250	.241	.190	.249	.240	.270	.269	.271	.264	.245	.255
Turkey.....	.480	.567	.548	.485	.560	.463	.530	.632	.533	.728	.564	.597
Japan.....	6.256	6.029	6.298	6.384	5.665	5.685	5.032	5.501	5.522	5.400	5.528	5.731
Other OECD.....	.595	.455	.599	.639	.835	.692	.700	.739	.537	.710	.599	.683

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

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

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

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

Sources: See end of Section 3.

Table 3.5 OECD Imports from OPEC (Most Recent 12 Months)
(Million Barrels per Day)

	1995											
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total.....	16.792	15.441	15.469	16.004	15.005	15.528	16.134	15.199	14.484	15.217	15.208	15.115
United States ^{1/}	4.423	3.805	4.097	4.367	3.885	4.013	4.427	4.328	4.118	4.737	4.178	4.430
Canada.....	.374	.213	.320	.219	.117	.297	.320	.253	.187	.188	.274	.318
OECD Europe ^{2/}	6.590	6.309	5.415	5.560	6.131	6.247	6.840	5.741	5.241	5.477	5.586	5.066
Main European Importers												
France.....	.955	.949	.836	.776	.857	.977	1.078	1.221	.731	.925	1.059	.774
Germany ^{3/}	.829	.661	.818	.750	.715	.804	.807	.654	.773	.690	.757	.498
Italy.....	1.266	1.137	1.163	1.074	1.206	1.033	1.311	1.069	1.283	1.132	1.389	1.317
Spain.....	.665	.791	.713	.659	.748	.728	.859	.678	.708	.797	.556	.704
Netherlands.....	.967	.934	.000	.736	.695	.917	.915	.013	.019	.000	.000	.000
European Net Exporters												
Norway.....	.003	.000	.000	.028	.000	.000	.000	.000	.000	.000	.007	.001
United Kingdom.....	.269	.187	.312	.194	.299	.314	.201	.262	.278	.271	.257	.224
Smaller European Importers												
Austria.....	.166	.000	.000	.000	.126	.122	.126	.144	.034	.117	.104	.135
Belgium.....	.322	.322	.339	.241	.211	.258	.289	.272	.310	.304	.245	.233
Denmark.....	.004	.021	.019	.024	.025	.014	.000	.024	.037	.020	.024	.025
Ireland.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.000	.000	.000	.002	.000	.000	.000	.000	.020	.000	.000	.001
Greece.....	.244	.295	.289	.191	.333	.178	.255	.356	.227	.218	.241	.284
Portugal.....	.198	.280	.170	.273	.168	.224	.275	.300	.161	.221	.199	.125
Sweden.....	.182	.166	.170	.140	.206	.152	.148	.165	.180	.116	.168	.194
Switzerland.....	.077	.087	.101	.028	.087	.087	.088	.062	.098	.089	.080	.093
Turkey.....	.443	.477	.485	.445	.455	.438	.488	.498	.384	.577	.499	.458
Japan.....	4.840	4.555	5.114	5.168	4.299	4.326	3.991	4.271	4.391	4.108	4.415	4.621
Other OECD.....	.563	.558	.523	.691	.573	.645	.556	.606	.547	.707	.755	.681

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

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

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

*Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *See Section 4 for annual data.
Sources: See end of Section 3.

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

	1994						1995					
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total.....	9.896	9.259	9.246	9.818	8.860	9.276	9.175	8.843	8.545	8.778	8.907	8.768
United States ¹ /.....	1.765	1.453	1.533	1.784	1.544	1.482	1.527	1.454	1.524	1.675	1.521	1.682
Canada.....	.132	.068	.074	.064	.000	.151	.066	.022	.000	.047	.140	.068
OECD Europe ² /.....	3.431	3.359	2.797	3.024	3.236	3.491	3.730	3.158	2.720	2.975	3.015	2.606
Main European Importers												
France.....	.611	.552	.599	.602	.601	.722	.788	.840	.593	.655	.749	.530
Germany ³ /.....	.142	.093	.201	.239	.221	.211	.223	.194	.144	.171	.170	.088
Italy.....	.416	.432	.421	.371	.422	.412	.586	.445	.542	.469	.695	.505
Spain.....	.259	.295	.237	.222	.334	.354	.357	.264	.328	.394	.232	.271
Netherlands.....	.662	.718	.000	.570	.485	.636	.608	.000	.000	.000	.000	.000
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom.....	.178	.082	.232	.114	.220	.180	.076	.135	.135	.149	.082	.143
Smaller European Importers												
Austria.....	.035	.000	.000	.000	.037	.035	.037	.061	.034	.044	.067	.051
Belgium.....	.294	.313	.311	.216	.187	.234	.261	.244	.272	.280	.220	.215
Denmark.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Finland.....	.000	.000	.000	.000	.000	.000	.000	.001	.020	.000	.000	.001
Greece.....	.218	.238	.254	.160	.270	.147	.216	.295	.189	.171	.222	.239
Portugal.....	.111	.149	.088	.099	.051	.109	.142	.189	.038	.143	.099	.039
Sweden.....	.127	.109	.119	.098	.145	.106	.104	.116	.126	.082	.118	.136
Switzerland.....	.004	.000	.000	.000	.015	.010	.010	.009	.009	.015	.010	.005
Turkey.....	.372	.377	.334	.333	.248	.334	.323	.363	.288	.403	.353	.383
Japan.....	4.262	4.119	4.519	4.650	3.716	3.838	3.483	3.802	4.013	3.726	3.912	4.028
Other OECD.....	.307	.260	.322	.296	.364	.314	.368	.407	.288	.356	.319	.383

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

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

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

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

Sources: See end of Section 3.

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

	1994												1995											
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total Net Imports..	7.653	6.977	7.296	8.073	7.488	7.860	8.666	7.950	8.203	8.921	7.614	8.050												
Imports from OPEC1/	4.423	3.805	4.097	4.367	3.885	4.013	4.427	4.328	4.118	4.737	4.178	4.430												
Imports from Persian Gulf2/																								
Total.....	1.765	1.453	1.533	1.784	1.544	1.482	1.527	1.454	1.524	1.675	1.521	1.682												
Bahrain.....	-.003	-.003	-.004	-.003	.000	-.003	-.004	-.004	-.004	-.003	.000	-.001												
Iran.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000												
Kuwait.....	.240	.130	.346	.252	.171	.208	.260	.195	.180	.187	.250	.238												
U.A.E.....	.003	.017	.010	.000	-.002	-.003	-.016	-.002	.008	.027	.012	-.006												
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000												
Saudi Arabia.....	1.525	1.309	1.181	1.535	1.375	1.280	1.287	1.265	1.340	1.464	1.259	1.451												
Imports from OPEC-Africa																								
Total.....	1.152	.975	1.007	1.042	.881	.972	1.321	1.264	1.026	1.317	1.140	1.156												
Algeria.....	.259	.168	.358	.196	.251	.163	.277	.257	.298	.250	.229	.241												
Gabon.....	.154	.224	.186	.159	.163	.206	.357	.296	.246	.216	.270	.271												
Libya.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000												
Nigeria.....	.739	.583	.463	.687	.467	.603	.687	.711	.482	.851	.641	.644												
Imports from OPEC-South America																								
Total.....	1.393	1.336	1.424	1.490	1.368	1.491	1.479	1.505	1.445	1.648	1.430	1.484												
Venezuela.....	1.393	1.336	1.424	1.490	1.368	1.491	1.479	1.505	1.445	1.648	1.430	1.484												
Imports from OPEC-Far East																								
Total.....	.110	.038	.129	.048	.092	.065	.096	.101	.119	.094	.087	.107												
Indonesia.....	.110	.038	.129	.048	.092	.065	.096	.101	.119	.094	.087	.107												

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

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

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *U.S. geographic coverage is the 50 States and District of Columbia. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *See Section 4 for annual data.

Sources: See end of Section 3.

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

	1994						1995					
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total Net Imports..	6.256	6.029	6.298	6.384	5.665	5.685	5.032	5.501	5.522	5.400	5.528	5.731
Imports from OPEC1/	4.840	4.555	5.114	5.168	4.299	4.326	3.991	4.271	4.391	4.108	4.415	4.621
Imports from Persian Gulf2/												
Total.....	4.262	4.119	4.519	4.650	3.716	3.838	3.483	3.802	4.013	3.726	3.912	4.028
Bahrain.....	.023	.035	.018	.018	.040	.024	.056	.006	.070	.040	.000	.000
Iran.....	.516	.449	.441	.565	.358	.355	.332	.426	.391	.269	.439	.463
Kuwait.....	.523	.498	.544	.450	.428	.407	.547	.479	.535	.575	.511	.635
U.A.E.....	1.459	1.384	1.649	1.556	1.460	1.432	1.259	1.276	1.338	1.297	1.515	1.431
Qatar.....	.334	.369	.373	.468	.287	.374	.203	.309	.304	.363	.292	.389
Saudi Arabia.....	1.407	1.384	1.496	1.593	1.142	1.247	1.084	1.307	1.374	1.181	1.154	1.111
Imports from OPEC-Africa												
Total.....	.029	.000	.074	.013	.084	.018	.030	.037	.028	.020	.000	.062
Algeria.....	.000	.000	.000	.000	.000	.014	.030	.016	.028	.020	.000	.000
Gabon.....	.000	.000	.022	.000	.022	.000	.000	.021	.000	.000	.000	.000
Nigeria.....	.029	.000	.051	.013	.063	.004	.000	.000	.000	.000	.000	.062
Imports from OPEC-South America												
Total.....	.015	.000	.014	.000	.000	.006	.000	.000	.000	.000	.000	.000
Venezuela.....	.015	.000	.014	.000	.000	.006	.000	.000	.000	.000	.000	.000
Imports from OPEC-Far East												
Total.....	.557	.471	.525	.523	.539	.487	.535	.438	.420	.402	.504	.530
Indonesia.....	.557	.471	.525	.523	.539	.487	.535	.438	.420	.402	.504	.530

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											
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total Net Imports..	8.016	6.997	7.398	5.992	7.323	7.411	8.135	7.789	7.241	7.316	7.008	6.830
Imports from OPEC1/	6.590	6.309	5.415	5.560	6.131	6.247	6.840	5.741	5.241	5.477	5.586	5.066
Imports from												
Persian Gulf2/												
Total.....	3.431	3.359	2.797	3.024	3.236	3.491	3.730	3.158	2.720	2.975	3.015	2.606
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.000
Iran.....	.913	1.069	.948	1.001	.984	1.293	1.462	1.138	1.053	1.057	1.138	1.041
Iraq.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Kuwait.....	.303	.346	.161	.191	.398	.314	.233	.078	.119	.055	.067	.066
U.A.E.....	.022	.047	.000	.000	.000	.000	.008	.038	.020	.000	.016	.005
Qatar.....	.000	.000	.000	.018	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	2.193	1.896	1.687	1.815	1.853	1.884	2.027	1.904	1.528	1.861	1.793	1.493
Imports from												
OPEC-Africa												
Total.....	2.833	2.707	2.380	2.248	2.563	2.456	2.797	2.359	2.255	2.292	2.323	2.212
Algeria.....	.677	.627	.702	.614	.918	.706	.846	.588	.425	.679	.599	.511
Gabon.....	.064	.129	.000	.059	.032	.000	.033	.039	.012	.011	.012	.005
Libya.....	1.321	1.202	1.185	1.176	1.172	1.201	1.292	1.240	1.251	1.130	1.202	1.148
Nigeria.....	.772	.749	.493	.399	.441	.548	.626	.492	.567	.472	.510	.548
Imports from												
OPEC-South America												
Total.....	.299	.220	.220	.271	.315	.273	.313	.225	.250	.195	.234	.231
Venezuela.....	.299	.220	.220	.271	.315	.273	.313	.225	.250	.195	.234	.231
Imports from												
OPEC-Far East												
Total.....	.028	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016	.018
Indonesia.....	.028	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016	.018

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

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

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

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

*See Section 4 for annual data.

Sources: See end of Section 3.

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

	1994						1995					
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total Net Imports..	1.531	1.762	1.760	1.497	1.770	1.791	1.789	1.917	1.504	1.745	1.638	1.713
Imports from OPEC ^{1/}	.955	.949	.836	.776	.857	.977	1.078	1.221	.731	.925	1.059	.774
Imports from Persian Gulf ^{2/}												
Total.....	.611	.552	.599	.602	.601	.722	.788	.840	.593	.655	.749	.530
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.092	.147	.084	.130	.124	.259	.347	.277	.284	.159	.251	.203
Kuwait.....	.000	.000	.071	.000	.064	.000	.065	.000	.063	.000	.000	.002
U.A.E.....	.000	.000	.000	.000	.000	.000	.008	.000	.000	.000	.016	.000
Qatar.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.518	.404	.444	.472	.413	.463	.368	.563	.246	.496	.482	.324
Imports from OPEC-Africa												
Total.....	.345	.395	.224	.168	.256	.255	.289	.381	.137	.265	.311	.245
Algeria.....	.094	.087	.131	.051	.131	.111	.085	.124	.043	.115	.134	.120
Gabon.....	.063	.036	.000	.000	.032	.000	.000	.000	.000	.000	.000	.000
Libya.....	.037	.072	.027	.055	.016	.064	.076	.040	.047	.027	.046	.028
Nigeria.....	.151	.200	.067	.062	.077	.081	.128	.217	.048	.123	.131	.098
Imports from OPEC-South America												
Total.....	.000	.003	.013	.006	.000	.000	.000	.000	.000	.005	.000	.000
Venezuela.....	.000	.003	.013	.006	.000	.000	.000	.000	.000	.005	.000	.000
Imports from OPEC-Far East												
Total.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Indonesia.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

^{1/} OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.
^{2/} The Persian Gulf countries are all members of OPEC, except for Bahrain.

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

Sources: See end of Section 3.

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

	1994						1995					
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total Net Imports..	2.742	2.659	2.760	2.611	2.767	2.715	2.623	2.756	2.750	2.694	2.740	2.559
Imports from OPEC1/	.829	.661	.818	.750	.715	.804	.807	.654	.773	.690	.757	.498
Imports from Persian Gulf2/												
Total.....	.142	.093	.201	.239	.221	.211	.223	.194	.144	.171	.170	.088
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Iran.....	.033	.004	.072	.062	.030	.043	.024	.046	.015	.030	.037	.011
Kuwait.....	.022	.007	.027	.018	.020	.042	.001	.010	.012	.010	.011	.019
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.....	.087	.082	.103	.160	.172	.127	.198	.138	.117	.131	.123	.058
Imports from OPEC-Africa												
Total.....	.580	.497	.547	.455	.393	.490	.473	.388	.565	.450	.507	.327
Algeria.....	.177	.164	.173	.155	.157	.111	.123	.071	.114	.165	.147	.106
Gabon.....	.001	.000	.000	.000	.000	.000	.000	.028	.001	.000	.012	.005
Libya.....	.231	.225	.257	.223	.183	.247	.253	.215	.289	.206	.261	.164
Nigeria.....	.171	.108	.118	.077	.052	.132	.098	.074	.161	.079	.087	.051
Imports from OPEC-South America												
Total.....	.107	.071	.070	.056	.101	.102	.111	.072	.064	.069	.080	.083
Venezuela.....	.107	.071	.070	.056	.101	.102	.111	.072	.064	.069	.080	.083
Imports from OPEC-Far East												
Total.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Indonesia.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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

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

Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *The data for Germany are for the unified Germany, i.e., the former East Germany and West Germany. *Negative numbers represent net exports.

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

Sources: See end of Section 3.

Table 3.12 Italy—Net Oil Imports (Most Recent 12 Months)
(Million Barrels per Day)

	1994						1995					
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total Net Imports..	2.119	1.822	1.886	1.730	1.784	1.635	2.110	1.755	1.759	1.591	1.965	1.933
Imports from OPEC1/	1.266	1.137	1.163	1.074	1.206	1.033	1.311	1.069	1.283	1.132	1.389	1.317
Imports from Persian Gulf2/												
Total.....	.416	.432	.421	.371	.422	.412	.586	.445	.542	.469	.695	.505
Bahrain.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.000
Iran.....	.069	.200	.192	.120	.180	.166	.273	.167	.292	.180	.411	.305
Kuwait.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
U.A.E.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Qatar.....	.000	.000	.000	.018	.000	.000	.000	.000	.000	.000	.000	.000
Saudi Arabia.....	.347	.232	.228	.234	.242	.247	.313	.278	.250	.288	.283	.201
Imports from OPEC-Africa												
Total.....	.808	.665	.724	.680	.767	.578	.708	.600	.708	.630	.659	.776
Algeria.....	.114	.117	.134	.081	.129	.055	.086	.061	.089	.116	.044	.130
Gabon.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Libya.....	.664	.534	.580	.590	.631	.518	.611	.500	.619	.484	.582	.621
Nigeria.....	.030	.014	.010	.009	.006	.006	.011	.039	.000	.029	.033	.025
Imports from OPEC-South America												
Total.....	.015	.017	.000	.006	.000	.016	.017	.023	.017	.018	.021	.018
Venezuela.....	.015	.017	.000	.006	.000	.016	.017	.023	.017	.018	.021	.018
Imports from OPEC-Far East												
Total.....	.027	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016	.017
Indonesia.....	.027	.023	.018	.017	.017	.027	.000	.000	.016	.017	.016	.017

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

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

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

Sources: See end of Section 3.

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

	1995											
	Dec	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov
Total.....	1.067	0.988	1.053	0.901	0.997	0.938	1.041	0.761	0.878	0.818	0.836	0.948
United States ^{1/}	.240	.130	.346	.252	.171	.208	.260	.195	.180	.187	.250	.238
Canada.....	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
OECD Europe ^{2/}	.303	.346	.161	.191	.398	.314	.233	.078	.119	.055	.067	.066
Main European Importers												
France.....	.000	.000	.071	.000	.064	.000	.065	.000	.063	.000	.000	.002
Germany ^{3/}	.022	.007	.027	.018	.020	.042	.001	.010	.012	.010	.011	.019
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.....	.214	.318	.000	.128	.208	.228	.131	.000	.000	.000	.000	.000
European Net Exporters												
Norway.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
United Kingdom....	.056	.000	.064	.029	.091	.029	.030	.058	.029	.030	.056	.029
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.....	.011	.021	.000	.016	.016	.015	.006	.009	.015	.016	.000	.016
Japan.....	.523	.498	.544	.450	.428	.407	.547	.479	.535	.575	.511	.635
Other OECD.....	.001	.014	.002	.008	-.001	.009	.000	.009	.043	.000	.009	.009

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

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

^{3/} 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, February 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	Indo- nesia	Iran	Iraq	Kuwait ^{1/}	Libya	Nigeria	Qatar	Saudi Arabia ^{1/}	United Arab Emirates	Vene- zuela	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.....	1,785	115	892	4,540	1,694	3,197	2,761	1,531	431	4,769	1,060	3,549	25,324
1972 Average.....	1,062	125	1,081	5,023	1,466	3,283	2,239	1,816	482	6,016	1,203	3,220	27,016
1973 Average.....	1,097	150	1,339	5,861	2,018	3,020	2,175	2,054	570	7,596	1,533	3,366	30,779
1974 Average.....	1,009	202	1,375	6,022	1,971	2,546	1,521	2,255	518	8,480	1,679	2,976	30,552
1975 Average.....	1,983	223	1,307	5,350	2,262	2,084	1,480	1,783	438	7,075	1,664	2,346	26,994
1976 Average.....	1,075	223	1,504	5,883	2,415	2,145	1,933	2,067	497	8,577	1,936	2,294	30,549
1977 Average.....	1,152	222	1,686	5,663	2,348	1,969	2,063	2,085	445	9,245	1,999	2,238	31,115
1978 Average.....	1,231	209	1,635	5,242	2,563	2,131	1,983	1,897	487	8,301	1,831	2,165	29,673
1979 Average.....	1,224	203	1,591	3,168	3,477	2,500	2,092	2,302	508	9,532	1,831	2,356	30,784
1980 Average.....	1,106	175	1,577	1,662	2,514	1,656	1,787	2,055	472	9,900	1,709	2,168	26,781
1981 Average.....	1,002	151	1,605	1,380	1,000	1,125	1,140	1,433	405	9,815	1,474	2,102	22,632
1982 Average.....	987	156	1,339	2,214	1,012	823	1,150	1,295	330	6,483	1,250	1,895	18,934
1983 Average.....	968	157	1,343	2,440	1,005	1,064	1,105	1,241	295	5,086	1,149	1,801	17,654
1984 Average.....	1,014	157	1,412	2,174	1,209	1,157	1,087	1,388	394	4,663	1,146	1,798	17,599
1985 Average.....	1,037	172	1,325	2,250	1,433	1,023	1,059	1,495	301	3,388	1,193	1,677	16,353
1986 Average.....	945	166	1,390	2,035	1,690	1,419	1,034	1,467	308	4,870	1,330	1,787	18,441
1987 Average.....	1,048	155	1,343	2,298	2,079	1,585	972	1,341	293	4,265	1,541	1,752	18,672
1988 Average.....	1,040	159	1,342	2,240	2,685	1,492	1,175	1,450	346	5,086	1,565	1,903	20,483
1989 Average.....	1,095	208	1,409	2,810	2,897	1,783	1,150	1,716	380	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	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
(Thousands 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	496	380	182	1,435	2,114	126	204
1981 Average.....	501	1,811	2,322	130	491	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	2,730	385	378
1988 Average.....	1,158	2,232	3,540	452	449	538	554	1,616	2,774	403	302
1989 Average.....	1,554	1,802	3,515	455	460	490	596	1,553	2,757	440	285
1990 Average.....	1,704	1,820	3,667	475	483	575	631	1,548	2,835	419	299
1991 Average.....	1,890	1,797	3,811	500	485	545	630	1,605	2,845	433	321
1992 Average.....	2,230	1,825	4,182	526	553	535	626	1,680	2,911	453	346
1993 Average.....	2,264	1,915	4,315	501	575	502	643	1,743	2,939	455	378
1994 Average.....	2,521	2,375	5,058	538	650	536	671	1,817	3,015	589	392
1995 Average P.....	2,768	2,489	5,406	646	713	562	695	1,817			

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	53,255
1984 Average.....	822	519	440	2,780	414	--	11,861	170	8,879	2,014	54,488
1985 Average.....	887	620	440	2,745	498	--	11,585	178	8,971	2,123	53,981
1986 Average.....	813	630	504	2,435	560	--	11,895	194	8,680	2,166	56,227
1987 Average.....	896	609	497	2,548	582	--	12,050	230	8,349	2,120	56,666
1988 Average.....	848	635	540	2,512	617	--	12,053	265	8,140	2,235	58,737
1989 Average.....	865	700	585	2,520	641	--	11,715	340	7,613	2,249	59,863
1990 Average.....	873	660	619	2,553	685	--	10,975	388	7,355	2,253	60,566
1991 Average.....	874	615	646	2,680	700	--	9,992	492	7,417	2,274	60,207
1992 Average.....	881	561	653	2,669	740	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 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	293	4,870	1,270	1,645	17,741
1987 Average...	648	155	1,189	2,298	2,079	1,585	972	1,291	308	4,265	1,441	1,587	17,803
1988 Average...	640	159	1,177	2,240	2,685	1,492	1,175	1,400	346	5,086	1,465	1,715	19,580
1989 Average...	690	208	1,231	2,810	2,897	1,783	1,150	1,666	380	5,064	1,783	1,747	21,409
1990 Average...	765	277	1,281	3,088	2,040	1,175	1,375	1,755	406	6,410	2,066	2,097	22,735
1991 Average...	800	294	1,410	3,312	305	1,190	1,483	1,832	395	8,115	2,326	2,338	22,800
1992 Average...	772	298	1,326	3,429	425	1,058	1,433	1,820	423	8,332	2,206	2,334	23,856
1993 Average...	760	312	1,348	3,650	512	1,872	1,377	1,925	419	8,198	2,141	2,410	24,924
1994 Average...	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/}	OAEPC ^{3/}	OPEC ^{3/}	World
1970 Average.....	3	200	58	50	120	1,660	119	137	205	2,383
1971 Average.....	4	234	59	50	135	1,693	138	147	243	2,508
1972 Average.....	4	293	61	55	155	1,744	155	159	275	2,676
1973 Average.....	9	314	75	90	170	1,738	191	196	324	2,785
1974 Average.....	12	314	80	130	190	1,688	231	219	347	2,789
1975 Average.....	20	309	80	140	205	1,633	246	252	372	2,790
1976 Average.....	24	289	95	185	220	1,603	291	313	442	2,865
1977 Average.....	19	290	105	215	235	1,618	335	366	482	2,982
1978 Average.....	25	281	115	250	255	1,567	410	447	566	3,078
1979 Average.....	30	331	150	303	270	1,584	458	535	637	3,285
1980 Average.....	36	331	193	369	285	1,573	534	618	732	3,444
1981 Average.....	49	330	241	433	300	1,609	599	691	825	3,625
1982 Average.....	58	318	255	430	315	1,550	612	721	842	3,626
1983 Average.....	56	309	265	330	330	1,559	552	655	780	3,635
1984 Average.....	105	336	257	355	340	1,630	604	761	869	3,869
1985 Average.....	120	337	271	375	350	1,609	645	808	892	3,938
1986 Average.....	120	328	352	385	440	1,551	700	860	969	4,150
1987 Average.....	140	367	338	418	430	1,595	721	900	1,006	4,279
1988 Average.....	120	381	370	499	450	1,625	808	979	1,077	4,481
1989 Average.....	130	410	384	503	425	1,546	851	1,041	1,188	4,503
1990 Average.....	130	426	428	620	425	1,559	930	1,107	1,281	4,629
1991 Average.....	140	431	457	680	420	1,659	950	1,132	1,318	4,843
1992 Average.....	140	460	454	713	390	1,697	1,003	1,185	1,364	4,953
1993 Average.....	145	503	457	704	380	1,736	1,092	1,270	1,455	5,157
1994 Average.....	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/} OAEPC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries.

See Appendix A for countries in this group.

P=Preliminary.

Sources: See end of Section 4.

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

	United States ^{1/}	Persian Gulf ^{2/}	OAPEC ^{3/}	OPEC ^{3/}	World
1970 Average.....	11,673	13,541	14,571	23,676	48,986
1971 Average.....	11,554	15,940	15,427	25,629	51,766
1972 Average.....	11,601	17,734	16,451	27,353	54,574
1973 Average.....	11,428	20,895	18,656	31,165	59,300
1974 Average.....	10,978	21,550	18,399	30,964	59,391
1975 Average.....	10,505	19,223	16,831	27,441	56,511
1976 Average.....	10,251	21,847	19,563	31,064	61,121
1977 Average.....	10,437	22,098	20,372	31,665	63,665
1978 Average.....	10,820	21,067	19,819	30,329	64,225
1979 Average.....	10,707	21,569	22,575	31,503	66,973
1980 Average.....	10,809	18,541	20,715	27,595	64,153
1981 Average.....	10,739	15,894	17,619	23,545	60,763
1982 Average.....	10,783	12,815	13,786	19,859	58,226
1983 Average.....	10,788	11,676	12,416	18,510	58,056
1984 Average.....	11,107	11,433	12,619	18,547	59,645
1985 Average.....	11,192	10,320	11,498	17,324	59,264
1986 Average.....	10,905	12,441	13,653	19,477	61,771
1987 Average.....	10,648	12,869	13,992	19,745	62,410
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/} OAPEC=Organization of Arab Petroleum Exporting Countries. OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in this group.

P=Preliminary.

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

Sources: See end of Section 4.

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

	France	Italy	Germany ^{1/}	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 P....	158	164	312	115	1,240	1,653	119	645	69	3,726

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

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

^{3/} U.S. geographic coverage is the 50 States and the District of Columbia. In the United States in January 1975, 1981, and 1983, numerous respondents were added to bulk terminal and pipeline surveys affecting subsequent stocks reported. Using the new basis, the end-of-year U.S. stocks, in million barrels, would have been 1,121 in 1974, 1,425 in 1980, and 1,461 in 1982.

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

P=Preliminary.

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

Sources: See end of Section 4.

Table 4.6 OECD Oil Demand, 1970-1994
(Thousand Barrels per Day)

	France	Italy	Germany ^{1/}	United Kingdom	OECD Europe ^{2/}	United States ^{3/}	Canada	Japan	Other ^{4/}	OECD Excluding East Germany	East Germany	OECD Including East Germany	World Total
1970 Average...	1,937	1,710	2,607	2,096	12,404	14,697	1,516	3,817	836	33,270	223	33,493	46,808
1971 Average...	2,115	1,838	2,702	2,141	13,005	15,213	1,565	4,142	831	34,755	238	34,993	49,416
1972 Average...	2,322	1,947	2,859	2,284	13,934	16,367	1,664	4,363	948	37,275	270	37,545	53,094
1973 Average...	2,601	2,068	3,055	2,341	14,925	17,308	1,729	4,949	988	39,900	282	40,182	57,237
1974 Average...	2,447	2,004	2,748	2,210	13,988	16,653	1,779	4,864	1,095	38,379	307	38,686	56,677
1975 Average...	2,252	1,855	2,650	1,911	13,217	16,322	1,779	4,621	1,041	36,980	307	37,287	56,198
1976 Average...	2,420	1,971	2,877	1,892	14,124	17,461	1,818	4,837	1,119	39,358	329	39,687	59,673
1977 Average...	2,294	1,897	2,865	1,905	13,916	18,431	1,850	4,880	1,160	40,237	347	40,584	61,826
1978 Average...	2,408	1,952	2,927	1,938	14,290	18,847	1,902	4,945	1,204	41,187	363	41,550	64,158
1979 Average...	2,463	2,039	3,003	1,971	14,667	18,513	1,971	5,050	1,178	41,379	369	41,748	65,220
1980 Average...	2,256	1,934	2,707	1,725	13,634	17,056	1,873	4,960	1,072	38,595	375	38,970	63,067
1981 Average...	2,023	1,874	2,449	1,590	12,515	16,058	1,768	4,582	1,080	36,269	355	36,624	60,903
1982 Average...	1,880	1,781	2,372	1,590	12,053	15,296	1,578	4,582	954	34,517	371	34,888	59,704
1983 Average...	1,835	1,750	2,324	1,531	11,765	15,231	1,448	4,395	989	33,793	336	34,129	58,744
1984 Average...	1,754	1,646	2,322	1,849	11,736	15,726	1,472	4,576	976	34,271	340	34,610	59,836
1985 Average...	1,775	1,717	2,338	1,634	11,681	15,726	1,504	4,384	951	35,279	362	35,641	61,762
1986 Average...	1,772	1,738	2,498	1,649	12,102	16,281	1,506	4,439	959	35,911	342	36,253	63,010
1987 Average...	1,789	1,855	2,424	1,603	12,255	16,665	1,548	4,484	939	37,093	322	37,415	64,832
1988 Average...	1,797	1,836	2,422	1,697	12,427	17,283	1,693	4,752	998	37,570	301	37,871	66,030
1989 Average...	1,857	1,930	2,280	1,738	12,531	17,325	1,733	4,983	998	37,475	283	37,758	66,155
1990 Average...	1,818	1,872	2,382	1,752	12,629	16,988	1,690	5,140	1,027	—	—	38,067	66,715
1991 Average...	1,935	1,863	2,828	1,801	13,391	16,714	1,622	5,284	1,056	—	—	38,768	66,574
1992 Average...	1,926	1,937	2,843	1,803	13,605	17,033	1,643	5,446	1,041	—	—	38,935	66,647
1993 Average...	1,875	1,852	2,900	1,815	13,492	17,237	1,688	5,401	1,117	—	—	39,876	68,576
1994 Average P	1,833	1,841	2,879	1,837	13,584	17,718	1,727	5,674	1,173	—	—	—	—

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

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

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

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

P=Preliminary. --=Not Applicable.

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

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total.....	16.962	15.878	17.670	18.008	18.706	20.082	20.456	20.414	20.783	21.226	21.133
United States ¹ /.....	4.715	4.286	5.439	5.914	6.587	7.202	7.161	6.626	6.938	7.618	7.986
Canada.....	-309	-419	-391	-358	-585	-462	-425	-479	-546	-586	-623
OECD Europe ² /.....	7.675	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355
Main European Importers											
France.....	1.724	1.654	1.682	1.742	1.718	1.711	1.750	1.869	1.784	1.761	1.615
Germany ³ /.....	2.115	2.166	2.380	2.281	2.279	2.112	2.202	2.664	2.739	2.723	2.731
Italy.....	1.618	1.603	1.642	1.718	1.590	1.716	1.788	1.769	1.839	1.747	1.778
Netherlands.....	.532	.515	.632	.562	.646	.635	.677	.690	.713	.688	.720
Spain.....	.855	.802	.747	.803	.869	.952	.950	.951	.998	1.066	1.119
European Net Exporters											
Norway.....	-578	-656	-718	-866	-1.036	-1.420	-1.543	-1.825	-2.102	-2.254	-2.586
United Kingdom....	-829	-1.035	-1.067	-1.015	-760	-200	-214	-158	-221	-355	-850
Smaller European Importers											
Austria.....	.176	.174	.188	.194	.185	.191	.201	.212	.209	.205	.210
Belgium.....	.374	.382	.456	.443	.451	.454	.442	.506	.517	.503	.517
Denmark.....	.165	.166	.150	.122	.107	.078	.063	.048	.032	.023	.027
Ireland.....	.081	.078	.098	.081	.076	.079	.095	.094	.097	.102	.109
Finland.....	.177	.207	.229	.242	.200	.220	.208	.211	.188	.182	.234
Greece.....	.197	.210	.245	.230	.242	.252	.273	.297	.326	.327	.292
Iceland.....	.010	.011	.011	.013	.012	.011	.011	.012	.011	.014	.015
Luxembourg.....	.021	.023	.024	.028	.028	.031	.034	.039	.040	.039	.040
Portugal.....	.185	.166	.183	.199	.198	.246	.250	.258	.279	.272	.270
Sweden.....	.300	.349	.379	.309	.313	.290	.324	.312	.320	.335	.362
Switzerland.....	.252	.257	.290	.254	.258	.254	.273	.273	.277	.250	.262
Turkey.....	.302	.310	.342	.402	.397	.384	.425	.366	.413	.500	.490
Japan.....	4.531	4.308	4.392	4.418	4.680	5.035	5.239	5.286	5.464	5.467	5.766
Other OECD.....	.350	.322	.338	.291	.250	.313	.270	.392	.467	.599	.648

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

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

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

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

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

*Data for 1994 are preliminary.

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total.....	11.378	10.531	12.408	12.414	13.115	14.602	15.675	15.597	15.809	16.259	16.054
United States ¹ /...	1.987	1.756	2.750	3.025	3.455	4.036	4.236	4.002	4.012	4.255	4.230
Canada.....	.137	.128	.158	.155	.162	.205	.199	.210	.210	.268	.285
OECD Europe ² /.....	5.548	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446
Main European Importers											
France.....	.961	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989
Germany ³ /.....	.807	.787	.831	.679	.761	.739	.776	.871	.964	.948	.841
Italy.....	1.199	1.205	1.362	1.307	1.192	1.261	1.375	1.399	1.343	1.222	1.117
Netherlands.....	.584	.568	.771	.773	.875	.905	.862	.928	.926	.982	.906
Spain.....	.595	.553	.600	.564	.608	.689	.655	.702	.637	.585	.684
European Net Exporters											
Norway.....	.006	.005	.008	.002	.002	.003	.007	.014	.004	.005	.003
United Kingdom.....	.282	.308	.328	.277	.323	.342	.406	.377	.390	.439	.306
Smaller European Importers											
Austria.....	.081	.087	.090	.087	.082	.086	.097	.108	.115	.127	.119
Belgium.....	.197	.159	.288	.257	.302	.353	.313	.362	.359	.359	.284
Denmark.....	.049	.035	.025	.053	.067	.069	.044	.006	.001	.006	.008
Ireland.....	-	.000	.001	.001	-	-	.000	.000	.000	.000	.000
Finland.....	.020	.037	.021	.023	.011	.013	.013	.029	.033	.007	.004
Greece.....	.208	.197	.273	.279	.233	.244	.343	.298	.346	.303	.266
Portugal.....	.116	.113	.120	.101	.118	.156	.166	.139	.158	.166	.236
Sweden.....	.036	.051	.086	.062	.074	.064	.073	.105	.116	.123	.126
Switzerland.....	.075	.075	.068	.069	.051	.021	.038	.052	.051	.063	.082
Turkey.....	.332	.331	.344	.411	.439	.384	.388	.365	.412	.452	.475
Japan.....	3.372	2.983	3.036	3.198	3.309	3.789	4.070	4.038	4.202	4.282	4.507
Other OECD.....	.334	.268	.301	.408	.316	.367	.513	.491	.528	.616	.586

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

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

3/ Data through 1990 are for the former West Germany.
Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development; OPEC=Organization of Petroleum Exporting Countries. See Appendix A for countries in these groups. *Negative numbers represent net exports. *A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1994 are preliminary.

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
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 States1/...	.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 Europe2/.....	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
Germany3/.....	.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	.232	.232
Denmark.....	.042	.022	.024	.047	.063	.067	.043	.004	.000	.002	.000
Ireland.....	-	.000	-	-	-	-	-	-	-	-	-
Finland.....	.020	.037	.021	.022	.011	.012	.011	.021	.023	.002	.002
Greece.....	.143	.122	.204	.211	.146	.181	.268	.219	.291	.253	.214
Portugal.....	.081	.076	.088	.069	.066	.085	.073	.067	.074	.050	.117
Sweden.....	.005	.006	.036	.029	.045	.043	.039	.064	.068	.088	.076
Switzerland.....	.012	.006	.008	.008	.007	.007	.007	.007	.007	.008	.012
Turkey.....	.268	.265	.289	.348	.411	.323	.307	.324	.349	.429	.405
Japan.....	2.773	2.533	2.557	2.637	2.691	3.173	3.394	3.370	3.586	3.721	3.946
Other OECD.....	.204	.176	.195	.299	.241	.267	.322	.300	.338	.381	.316

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

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

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

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

•Data for 1994 are preliminary.

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	4.715	4.286	5.439	5.914	6.587	7.202	7.161	6.626	6.938	7.618	7.986
Imports from OPEC ¹ /	1.987	1.756	2.750	3.025	3.455	4.036	4.236	4.002	4.012	4.255	4.230
Imports from Persian Gulf ² /											
Total.....	.502	.304	.909	1.072	1.526	1.857	1.961	1.835	1.774	1.775	1.722
Bahrain.....	-.001	-.001	.001	-.001	.000	-.001	-.001	-.001	-.002	-.002	-.002
Iran.....	.010	.027	.019	.098	.000	.000	.000	.032	.000	.000	.000
Iraq.....	.012	.046	.081	.083	.343	.449	.518	.000	.000	.000	.000
Kuwait.....	.036	.021	.068	.082	.092	.157	.086	.006	.051	.353	.312
U.A.E.....	.116	.044	.043	.059	.028	.027	.016	.001	.004	.009	.011
Qatar.....	.005	.000	.013	.000	.000	.002	.004	.000	.001	.001	.000
Saudi Arabia.....	.324	.168	.685	.751	1.063	1.224	1.339	1.797	1.720	1.414	1.402
Imports from OPEC-Africa											
Total.....	.598	.536	.737	.867	.934	1.134	1.144	1.040	1.000	1.108	1.074
Algeria.....	.323	.187	.271	.295	.300	.269	.280	.253	.196	.220	.243
Gabon.....	.058	.052	.026	.037	.016	.050	.064	.084	.124	.152	.194
Libya.....	.001	.004	.000	.000	.000	.000	.000	.000	.000	.000	.000
Nigeria.....	.216	.293	.440	.535	.618	.815	.800	.703	.680	.736	.637
Imports from OPEC-South America											
Total.....	.544	.602	.788	.801	.790	.861	1.016	1.020	1.161	1.295	1.322
Venezuela.....	.544	.602	.788	.801	.790	.861	1.016	1.020	1.161	1.295	1.322
Imports from OPEC-Far East											
Total.....	.342	.313	.317	.284	.205	.182	.113	.106	.075	.074	.109
Indonesia.....	.342	.313	.317	.284	.205	.182	.113	.106	.075	.074	.109

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

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

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

Sources: See end of Section 4.

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

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

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

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

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

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports ¹	7.675	7.381	7.893	7.742	7.774	7.994	8.210	8.588	8.459	8.127	7.355
Imports from OPEC ¹	5.548	5.395	6.163	5.628	5.873	6.205	6.656	6.857	6.853	6.837	6.446
Imports from Persian Gulf ²											
Total	2.968	2.560	3.513	3.330	3.428	3.754	3.908	3.660	3.666	4.048	3.506
Bahrain	.019	.004	.002	.001	.009	.005	.020	.002	.003	.004	.003
Iran	.841	.648	.511	.732	.850	1.076	1.190	1.132	1.113	1.253	1.074
Iraq	.516	.673	.717	.905	.959	.897	.591	.000	.000	.000	.000
Kuwait	.324	.356	.456	.469	.474	.452	.346	.019	.000	.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, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom. *Negative numbers represent net exports.

*A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1994 are preliminary.

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total Net Imports..	1.724	1.654	1.682	1.742	1.718	1.711	1.750	1.869	1.784	1.761	1.615
Imports from OPEC1/	.961	.884	.948	.684	.737	.875	1.101	1.101	.998	1.047	.989
Imports from											
Persian Gulf2/											
Total.....	.493	.476	.586	.459	.484	.647	.864	.708	.640	.757	.651
Bahrain.....	.001	-	.001	-	.007	.002	.011	.000	.001	.002	.000
Iran.....	.068	.082	.065	.088	.012	.158	.182	.171	.151	.243	.156
Iraq.....	.072	.138	.109	.151	.143	.128	.062	.000	.000	-	-
Kuwait.....	.019	.035	.023	.044	.017	.021	.015	.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	.000	-
Kuwait.....	.026	.021	.021	.017	.013	.022	.013	.000	.009	.022	.026
U.A.E.....	.023	.006	.004	.024	.006	.023	.016	.012	.002	.002	.001
Qatar.....	.010	-	-	.001	.001	.002	.003	.002	.001	.000	.000
Saudi Arabia.....	.093	.064	.151	.072	.095	.119	.125	.161	.182	.173	.149
Imports from OPEC-Africa											
Total.....	.483	.532	.485	.405	.472	.436	.469	.537	.620	.594	.546
Algeria.....	.086	.130	.137	.146	.141	.106	.098	.126	.183	.195	.161
Gabon.....	.006	.003	.001	.004	-	-	.005	.013	.006	.000	.003
Libya.....	.200	.201	.152	.160	.237	.235	.244	.262	.252	.244	.244
Nigeria.....	.191	.197	.195	.095	.095	.095	.123	.136	.179	.154	.139
Imports from OPEC-South America											
Total.....	.082	.103	.113	.086	.091	.086	.088	.107	.128	.105	.079
Venezuela.....	.082	.103	.113	.086	.091	.086	.088	.107	.128	.105	.079
Imports from OPEC-Far East											
Total.....	-	.000	.001	.002	-	-	.002	.000	.000	.000	.000
Indonesia.....	-	.000	.001	.002	-	-	.002	.000	.000	.000	.000

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

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

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

Sources: See end of Section 4.

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

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

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

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

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

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Average											
Total.....	0.542	0.784	0.964	1.103	1.489	1.581	1.276	0.000	0.000	0.000	0.000
United States ^{1/}	.012	.046	.081	.083	.343	.449	.518	.000	.000	.000	.000
Canada.....	-	-	-	.010	.001	.013	.011	.000	.000	.000	-
OECD Europe ^{2/}	.516	.673	.717	.905	.959	.897	.591	.000	.000	.000	.000
Main European Importers											
France.....	.072	.138	.109	.151	.143	.128	.062	.000	.000	.000	-
Germany ^{3/}	.041	.008	.016	.052	.032	.009	.004	.000	.000	.000	-
Italy.....	.098	.139	.114	.167	.198	.138	.079	.000	.000	.000	-
Netherlands.....	.021	.022	.067	.034	.039	.101	.117	.000	.000	.000	-
Spain.....	.071	.123	.117	.080	.092	.109	.063	.000	.000	.000	-
European Net Exporters											
United Kingdom.....	.008	.041	.071	.082	.070	.034	.027	.000	.000	.000	-
Smaller European Importers											
Austria.....	.006	.007	-	.015	.007	.000	.000	.000	.000	.000	-
Belgium.....	.038	.019	.026	.049	.037	.047	.029	.000	.000	.000	-
Denmark.....	-	.000	-	.001	-	-	.000	.000	.000	.000	-
Greece.....	.060	.038	.030	.065	.059	.052	.044	.000	.000	.000	-
Portugal.....	.016	.018	.024	.019	.029	.024	.019	.000	.000	.000	-
Sweden.....	-	.000	-	.003	.003	.005	.000	.000	.000	.000	-
Switzerland.....	-	-	-	.000	-	.000	.000	.000	.000	.000	-
Turkey.....	.086	.121	.143	.188	.250	.250	.146	.000	.000	.000	.000
Japan.....	.015	.063	.164	.105	.173	.219	.146	.000	.000	.000	-
Other OECD.....	-.001	.001	.002	.000	.013	.003	.011	.000	.000	.000	-

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

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

^{3/} Data through 1990 are for the former West Germany.
Notes: *Imports include crude oil, natural gas liquids, and refined products, and are on a direct basis. *OECD=Organization for Economic Cooperation and Development. See Appendix A for countries in this group. *Negative numbers represent net exports.
*A dash (-) indicates no trade. *Zeros (.000) indicate net imports of less than 0.0005 million barrels per day. *Data for 1994 are preliminary.

Sources: See end of Section 4.

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

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
	Average										
Total.....	0.631	0.624	0.829	0.925	0.936	1.084	0.740	0.039	0.414	1.191	1.081
United 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.....	.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 data base, 1970-1979. • OECD, Monthly Oil Statistics database, 1980-1995.

Oil Imports

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

Other OECD Countries: • Organization for Economic Cooperation and Development (OECD), Quarterly Oil Statistics and Energy Balances, various issues. • OECD Monthly Oil Statistics database, 1991-1994.

Appendix A

Organizational and Geographical Definitions

Appendix A. Organizational and Geographical Definitions

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

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

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

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

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

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

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

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

Appendix B

Explanatory Notes

Appendix B. Explanatory Notes

Note 1: World Oil Supply

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

Note 2: Oil Stocks

The International Energy Agency (IEA) assembles and reports total oil stock data for the member countries of the Organization for Economic Cooperation and Development (OECD). Oil stocks include crude oil (including strategic reserves), unfinished oils, natural gas plant liquids, and refined petroleum products. In its report titled Quarterly Oil Statistics and Energy Balances of OECD Countries, the IEA defines oil stocks as follows: "All non-military stocks held by importers (including all final consumers directly), refiners, Governments, major non-importing final consumers eligible under IEA/OECD commitments and by foreign entities in the following facilities: bulk terminals, refinery tanks, pipeline tankage, barges, intercoastal tankers (when port of departure and destination are in the reporting country), tankers in port (to the extent that their cargo is to be unloaded in the reporting country), and inland ship bunkers. Oil is reported regardless of the ownership of such storage facilities." IEA data exclude "oil held in pipelines, rail and truck tank cars, sea-going ships' bunkers, service stations, retail stores and tankers at sea." Also the IEA defines the United States to be the 50 States and the District of Columbia, and the U.S. Territories (Guam, Puerto Rico, and the U.S. Virgin Islands). The Energy Information Administration (EIA) does not include the United States Territories in its statistical definition of the United States. Further, the EIA includes oil in oil pipelines as part of its stock data. Tables 1.5, 1.6, 2.3, and 4.4 include oil stocks for the United States according to EIA definitions. Using IEA definitions, at the end of September 1995 United States (including territories) oil stocks totaled 1,479 million barrels.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Appendix C

Glossary

Appendix C. Glossary

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

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

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

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

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

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

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

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

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

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

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

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

Appendix D

Estimation Procedures

Appendix D. Estimation Procedures

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

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

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

Appendix E

Conversions

Table E1. Conversion Factors

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

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

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
North America											
Canada.....	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453
Mexico.....	7.108	7.108	6.965	6.965	6.965	6.965	6.965	6.965	6.965	6.965	6.965
United States.....	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333	7.333
Central & South America											
Argentina.....	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149	7.149
Barbados.....	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286	7.286
Bolivia.....	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881	7.881
Brazil.....	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268
Chile.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Colombia.....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
Cuba.....	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449	6.449
Ecuador.....	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130	7.130
Guatemala.....	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210	7.210
Peru.....	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407	7.407
Suriname.....	--	--	6.199	6.199	6.199	6.199	6.199	6.199	6.199	6.199	6.199
Trinidad and Tobago.....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
Venezuela.....	6.795	6.795	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
Western Europe											
Austria.....	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082
Denmark.....	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689
France.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332
Germany.....	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295	7.295
Greece.....	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178	7.178
Italy.....	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853
Netherlands.....	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853	6.853
Norway.....	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810	7.810
Spain.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Sweden.....	--	--	--	--	--	--	--	--	--	--	--
Turkey.....	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150	7.150
United Kingdom.....	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466	7.466
Former Yugoslavia.....	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418

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

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

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Eastern Europe & Former U.S.S.R.											
Albania.....	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594	6.594
Bulgaria.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332
Former Czechoslovakia.....	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780	6.780
Hungary.....	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690	6.690
Poland.....	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418	7.418
Romania.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Former U.S.S.R.....	7.270	7.270	7.270	7.270	7.270	7.270	7.270	7.270	7.270	7.270	7.270
Middle East											
Bahrain.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320
Iran.....	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305
Iraq.....	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426	7.426
Israel.....	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247	7.247
Jordan.....	--	--	--	--	7.190	7.190	7.190	7.190	7.190	7.190	7.190
Kuwait.....	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245	7.245
Oman.....	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332	7.332
Qatar.....	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500
Saudi Arabia.....	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268	7.268
Syria.....	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836	6.836
United Arab Emirates.....	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480	7.480
Yemen.....	--	--	--	7.627	7.636	7.632	7.632	7.631	7.631	7.631	7.631
Africa											
Algeria.....	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936	7.936
Angola.....	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409	7.409
Benin.....	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870	6.870
Cameroon.....	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205	7.205
Congo.....	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506	7.506
Egypt.....	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256	7.256
Equatorial Guinea.....	--	--	--	--	--	--	--	--	8.077	8.077	8.077
Gabon.....	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305	7.305
Ghana.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Ivory Coast.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Libya.....	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515	7.515
Morocco.....	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600
Nigeria.....	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315	7.315
Tunisia.....	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689	7.689
Zaire.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320

-- = No Production of this form of energy.

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

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

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Far East & Oceania											
Australia.....	7.720	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855	7.855
Bangladesh.....	--	--	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453	7.453
Brunei.....	7.340	7.340	7.340	7.340	7.340	7.340	7.340	7.340	7.340	7.340	7.340
China.....	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320	7.320
India.....	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600	7.600
Indonesia.....	7.558	7.558	7.558	7.558	7.558	7.558	7.558	7.558	7.558	7.558	7.558
Japan.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Malaysia.....	7.641	7.641	7.641	7.641	7.641	7.641	7.641	7.641	7.641	7.641	7.641
Myanmar (Burma).....	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084	7.084
New Zealand.....	8.127	8.127	8.127	8.127	8.127	8.127	8.127	8.127	8.127	8.127	8.127
Pakistan.....	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500
Papua New Guinea.....	--	--	--	--	--	--	--	--	--	--	--
Philippines.....	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285	7.285
Taiwan.....	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568	6.568
Thailand.....	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758	6.758
Vietnam.....	--	--	--	7.082	7.082	7.082	7.082	7.082	7.082	7.082	7.082

-- = No Production of this form of energy.

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

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