

Section 11. International Petroleum

Crude Oil Production. World crude oil production during July 2004 was 74 million barrels per day, up 0.6 million barrels per day from the level in the previous month.

Organization of Petroleum Exporting Countries (OPEC) production during July 2004 averaged 31 million barrels per day, up 0.4 million barrels per day from the level in the previous month. During July 2004, production increased in Iraq by 300 thousand barrels per day; Libya by 50 thousand barrels per day; Algeria by 30 thousand barrels per day; and both Iran and the United Arab Emirates by 20 thousand barrels per day. Production decreased in Indonesia by 5 thousand barrels per day, but remained unchanged in Saudi Arabia, Nigeria, Venezuela, Kuwait, and Qatar.

Among the non-OPEC nations, production during July 2004 increased in Russia by 330 thousand barrels per day; China by 26 thousand barrels per day; Norway by 11 thousand barrels per day; Egypt by 10 thousand barrels per day; and the United States by 1 thousand barrels per day. Production decreased in the United Kingdom by 105 thousand barrels per day; Mexico by 73 thousand barrels per day; and

Canada by 20 thousand barrels per day.

Petroleum Consumption. In June 2004, consumption in all Organization for Economic Cooperation and Development (OECD) countries was 48.7 million barrels per day, 2 percent¹ higher than the June 2003 rate. Comparing June rates in 2004 and 2003, consumption was higher in 2004 in Canada (+12 percent); the United Kingdom (+10 percent); Italy and the United States (both +3 percent). The June 2004 consumption rate was lower in Japan (-5 percent) and Germany, South Korea, and France (each -1 percent), compared with the rate 1 year earlier.

Petroleum Stocks. For all OECD countries, petroleum stocks at the end of June 2004 totaled 4.0 billion barrels, 2 percent¹ higher than the ending stock level in June 2003. Stock levels were higher in June 2004 in Canada (+8 percent); France (+6 percent); the United States (+4 percent); and South Korea (+1 percent). Stock levels were lower in the United Kingdom and Japan (both -4 percent) and Italy and Germany (both less than -1 percent), compared with levels 1 year earlier.

¹Percentage changes are based on unrounded data.

Table 11.1a World Crude Oil Production: OPEC Members
(Thousand Barrels per Day)

	Algeria	Indonesia	Iran	Iraq	Kuwait ^a	Libya	Nigeria	Qatar	Saudi Arabia ^a	United Arab Emirates	Venezuela	OPEC ^b
1973 Average	1,097	1,339	5,861	2,018	3,020	2,175	2,054	570	7,596	1,533	3,366	30,629
1974 Average	1,009	1,375	6,022	1,971	2,546	1,521	2,255	518	8,480	1,679	2,976	30,351
1975 Average	983	1,307	5,350	2,262	2,084	1,480	1,783	438	7,075	1,664	2,346	26,771
1976 Average	1,075	1,504	5,883	2,415	2,145	1,933	2,067	497	8,577	1,936	2,294	30,327
1977 Average	1,152	1,686	5,663	2,348	1,969	2,063	2,085	445	9,245	1,999	2,238	30,893
1978 Average	1,231	1,635	5,242	2,563	2,131	1,983	1,897	487	8,301	1,831	2,165	29,464
1979 Average	1,224	1,591	3,168	3,477	2,500	2,092	2,302	508	9,532	1,831	2,356	30,581
1980 Average	1,106	1,577	1,662	2,514	1,656	1,787	2,055	472	9,900	1,709	2,168	26,606
1981 Average	1,002	1,605	1,380	1,000	1,125	1,140	1,433	405	9,815	1,474	2,102	22,481
1982 Average	987	1,339	2,214	1,012	823	1,150	1,295	330	6,483	1,250	1,895	18,778
1983 Average	968	1,343	2,440	1,005	1,064	1,105	1,241	295	5,086	1,149	1,801	17,497
1984 Average	1,014	1,412	2,174	1,209	1,157	1,087	1,388	394	4,663	1,146	1,798	17,442
1985 Average	1,037	1,325	2,250	1,433	1,023	1,059	1,495	301	3,388	1,193	1,677	16,181
1986 Average	945	1,390	2,035	1,690	1,419	1,034	1,467	308	4,870	1,330	1,787	18,275
1987 Average	1,048	1,343	2,298	2,079	1,585	972	1,341	293	4,265	1,541	1,752	18,517
1988 Average	1,040	1,342	2,240	2,685	1,492	1,175	1,450	346	5,086	1,565	1,903	20,324
1989 Average	1,095	1,409	2,810	2,897	1,783	1,150	1,716	380	5,064	1,860	1,907	22,071
1990 Average	1,175	1,462	3,088	2,040	1,175	1,375	1,810	406	6,410	2,117	2,137	23,195
1991 Average	1,230	1,592	3,312	305	190	1,483	1,892	395	8,115	2,386	2,375	23,275
1992 Average	1,214	1,504	3,429	425	1,058	1,433	1,943	423	8,332	2,266	2,371	24,398
1993 Average	1,162	1,511	3,540	512	1,852	1,361	1,960	413	8,198	2,159	2,450	25,119
1994 Average	1,180	1,510	3,618	553	2,025	1,378	1,931	415	8,120	2,193	2,588	25,510
1995 Average	1,202	1,503	3,643	560	2,057	1,390	1,993	442	8,231	2,233	2,750	26,004
1996 Average	1,242	1,547	3,686	579	2,062	1,401	2,001	510	8,218	2,278	2,938	26,461
1997 Average	1,277	1,520	3,664	1,155	2,007	1,446	2,132	550	8,362	2,316	3,280	27,710
1998 Average	1,246	1,518	3,634	2,150	2,085	1,390	2,153	696	8,389	2,345	3,167	28,774
1999 Average	1,202	1,472	3,557	2,508	1,898	1,319	2,130	665	7,833	2,169	2,826	27,579
2000 Average	1,254	1,423	3,696	2,571	2,079	1,410	2,165	737	8,404	2,368	3,155	29,262
2001 Average	1,310	1,340	3,724	2,390	1,998	1,367	2,256	714	8,031	2,205	3,010	28,344
2002 January	1,221	1,310	3,385	2,315	1,850	1,260	2,150	625	7,300	2,060	2,630	26,106
February	1,215	1,280	3,365	2,545	1,803	1,280	2,100	625	7,210	2,050	2,600	26,073
March	1,235	1,280	3,385	2,515	1,850	1,290	2,120	635	7,310	2,055	2,620	26,295
April	1,245	1,270	3,375	1,215	1,860	1,300	2,130	655	7,455	2,070	2,530	25,105
May	1,275	1,270	3,395	1,865	1,880	1,310	2,070	675	7,450	2,060	2,730	25,980
June	1,285	1,270	3,415	1,525	1,890	1,320	2,060	665	7,500	2,060	2,735	25,725
July	1,305	1,265	3,425	1,835	1,910	1,330	2,050	675	7,700	2,080	2,735	26,310
August	1,315	1,260	3,440	1,505	1,910	1,330	2,100	685	7,730	2,090	2,765	26,130
September	1,345	1,260	3,485	1,825	1,930	1,350	2,143	695	7,880	2,103	2,955	26,971
October	1,395	1,260	3,535	2,425	1,930	1,350	2,140	725	7,900	2,113	2,980	27,753
November	1,383	1,250	3,535	2,395	1,940	1,350	2,150	730	8,100	2,100	2,972	27,905
December	1,445	1,230	3,585	2,325	1,970	1,350	2,200	755	8,050	2,140	1,020	26,069
Average	1,306	1,267	3,444	2,023	1,894	1,319	2,118	679	7,634	2,082	2,604	26,370
2003 January	1,490	1,230	3,660	2,555	1,990	1,375	2,310	760	8,570	2,200	630	26,769
February	1,495	1,225	3,735	2,490	2,050	1,400	2,360	785	8,870	2,250	1,450	28,110
March	1,555	1,200	3,760	1,373	2,300	1,405	2,030	785	9,460	2,450	2,390	28,708
April	1,645	1,180	3,755	53	2,400	1,430	1,965	785	9,600	2,450	2,555	27,818
May	1,645	1,170	3,755	293	2,285	1,435	2,050	785	9,400	2,400	2,665	27,883
June	1,625	1,165	3,755	453	2,100	1,430	2,150	735	8,700	2,350	2,640	27,103
July	1,645	1,165	3,785	573	2,100	1,430	2,185	735	8,610	2,350	2,640	27,218
August	1,645	1,150	3,785	1,053	2,100	1,425	2,260	735	8,610	2,340	2,640	27,743
September	1,645	1,150	3,785	1,403	2,100	1,425	2,360	735	8,550	2,300	2,640	28,093
October	1,645	1,145	3,785	1,753	2,200	1,420	2,360	735	8,650	2,330	2,640	28,663
November	1,645	1,140	3,835	1,853	2,200	1,420	2,410	785	8,500	2,350	2,540	28,678
December	1,645	1,140	3,950	1,953	2,300	1,450	2,460	785	8,660	2,400	2,540	29,283
Average	1,611	1,171	3,779	1,312	2,178	1,421	2,241	762	8,848	2,348	2,335	28,006
2004 January	1,645	1,130	3,950	2,103	2,300	1,450	2,530	785	8,700	2,400	2,540	29,533
February	1,645	1,130	3,950	2,003	2,300	1,450	2,530	795	8,700	2,420	2,540	29,463
March	1,645	1,120	3,960	2,203	2,355	1,450	2,530	795	8,400	2,370	2,540	29,368
April	1,645	1,120	3,970	2,303	2,350	1,450	2,530	795	8,400	2,220	2,540	29,323
May	1,645	1,115	3,980	1,903	2,400	1,450	2,530	795	8,500	2,280	2,540	29,138
June	1,665	1,105	3,990	1,703	2,400	1,500	2,580	835	9,500	2,510	2,540	30,328
July	1,695	1,100	4,010	2,003	2,400	1,550	2,580	835	9,500	2,530	2,540	30,743
7-Mo. Avg.	1,655	1,117	3,973	2,032	2,358	1,472	2,544	805	8,814	2,390	2,540	29,700
2003 7-Mo. Avg.	1,587	1,190	3,744	1,101	2,176	1,415	2,148	767	9,031	2,351	2,144	27,654
2002 7-Mo. Avg.	1,255	1,278	3,393	1,971	1,864	1,299	2,097	651	7,420	2,062	2,655	25,945

^a Except for the period from August 1990 through May 1991, includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. In July 2004, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 600 thousand barrels per day.

^b Current members of OPEC are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela. Ecuador and Gabon, which withdrew from OPEC membership at the end of 1992 and 1994,

respectively, are excluded from all OPEC totals.

Notes: • Crude oil includes lease condensate but excludes natural gas plant liquids. • Monthly data are often preliminary figures and may not average to the annual totals because of rounding or because updates to the preliminary monthly data are not available.

Web Page: <http://www.eia.doe.gov/emeu/mer/inter.html>.

Sources: See end of section.

Table 11.1b World Crude Oil Production: Persian Gulf Nations, Non-OPEC, and World

(Thousand Barrels per Day)

	Persian Gulf Nations ^a	Selected Non-OPEC Producers									Total Non- OPEC	World
		Canada	China	Egypt	Mexico	Norway	Former U.S.S.R.	Russia	United Kingdom	United States		
1973 Average	20,668	1,798	1,090	165	465	32	8,324	NA	2	9,208	25,050	55,679
1974 Average	21,282	1,551	1,315	150	571	35	8,912	NA	2	8,774	25,366	55,716
1975 Average	18,934	1,430	1,490	235	705	189	9,523	NA	12	8,375	26,058	52,828
1976 Average	21,514	1,314	1,670	330	831	279	10,060	NA	245	8,132	27,018	57,344
1977 Average	21,725	1,321	1,874	415	981	280	10,603	NA	768	8,245	28,814	59,707
1978 Average	20,606	1,316	2,082	485	1,209	356	11,105	NA	1,082	8,707	30,694	60,158
1979 Average	21,066	1,500	2,122	525	1,461	403	11,384	NA	1,568	8,552	32,094	62,674
1980 Average	17,961	1,435	2,114	595	1,936	528	11,706	NA	1,622	8,597	32,994	59,600
1981 Average	15,245	1,285	2,012	598	2,313	501	11,850	NA	1,811	8,572	33,595	56,076
1982 Average	12,156	1,271	2,045	670	2,748	520	11,912	NA	2,065	8,649	34,703	53,481
1983 Average	11,081	1,356	2,120	727	2,689	614	11,972	NA	2,291	8,688	35,759	53,256
1984 Average	10,784	1,438	2,296	822	2,780	697	11,861	NA	2,480	8,879	37,047	54,489
1985 Average	9,630	1,471	2,505	887	2,745	788	11,585	NA	2,530	8,971	37,801	53,982
1986 Average	11,696	1,474	2,620	813	2,435	870	11,895	NA	2,539	8,680	37,952	56,227
1987 Average	12,103	1,535	2,690	896	2,548	1,022	12,050	NA	2,406	8,349	38,149	56,666
1988 Average	13,457	1,616	2,730	848	2,512	1,158	12,053	NA	2,232	8,140	38,413	58,737
1989 Average	14,837	1,560	2,757	865	2,520	1,554	11,715	NA	1,802	7,613	37,792	59,863
1990 Average	15,278	1,553	2,774	873	2,553	1,704	10,975	NA	1,820	7,355	37,371	60,566
1991 Average	14,741	1,548	2,835	874	2,680	1,890	9,992	NA	1,797	7,417	36,932	60,207
1992 Average	15,970	1,605	2,845	881	2,669	2,229	—	7,632	1,825	7,171	35,815	60,213
1993 Average	16,715	1,679	2,890	890	2,673	2,350	—	6,730	1,915	6,847	35,117	60,236
1994 Average	16,964	1,746	2,939	896	2,685	2,521	—	6,135	2,375	6,662	35,481	60,991
1995 Average	17,208	1,805	2,990	920	2,618	2,768	—	5,995	2,489	6,560	36,331	62,335
1996 Average	17,367	1,837	3,131	922	2,855	3,104	—	5,850	2,568	6,465	37,250	63,711
1997 Average	18,095	1,922	3,200	856	3,023	3,143	—	5,920	2,518	6,452	37,980	65,690
1998 Average	19,337	1,981	3,198	834	3,070	3,017	—	5,854	2,616	6,252	38,147	66,921
1999 Average	18,667	1,907	3,195	852	2,906	3,018	—	6,079	2,684	5,881	38,269	65,848
2000 Average	19,892	1,977	3,249	748	3,012	3,197	—	6,479	2,275	5,822	39,081	68,342
2001 Average	19,098	2,029	3,300	698	3,157	3,117	—	6,917	2,282	5,801	39,598	67,942
2002 January	17,570	2,091	3,365	627	3,253	3,079	—	7,017	2,396	5,848	40,350	66,456
February	17,633	2,167	3,330	629	3,142	3,150	—	7,094	2,392	5,871	40,469	66,542
March	17,785	2,159	3,350	624	3,125	2,787	—	7,157	2,334	5,883	40,088	66,383
April	16,665	2,204	3,333	630	3,178	3,157	—	7,179	2,388	5,859	40,679	65,784
May	17,360	2,130	3,365	667	3,136	3,028	—	7,184	2,338	5,924	40,398	66,378
June	17,090	2,155	3,415	635	3,158	2,918	—	7,337	2,323	5,915	40,499	66,224
July	17,660	2,201	3,395	628	3,145	3,114	—	7,441	2,114	5,770	40,413	66,723
August	17,395	2,165	3,490	624	3,214	2,896	—	7,574	1,953	5,811	40,412	66,542
September	17,953	2,135	3,430	628	3,162	2,752	—	7,686	2,186	5,411	40,155	67,126
October	18,663	2,179	3,447	625	3,257	2,993	—	7,735	2,364	5,363	40,704	68,457
November	18,835	2,224	3,379	629	3,080	3,059	—	7,753	2,350	5,597	40,691	68,596
December	18,859	2,238	3,371	630	3,269	2,962	—	7,721	2,375	5,699	40,808	66,877
Average	17,792	2,171	3,390	631	3,177	2,990	—	7,408	2,292	5,746	40,472	66,842
2003 January	19,769	2,220	3,354	630	3,330	2,935	—	7,765	2,256	5,785	40,853	67,622
February	20,215	2,215	3,375	630	3,325	3,015	—	7,831	2,275	5,791	41,046	69,156
March	20,163	2,235	3,385	625	3,317	2,965	—	7,868	2,250	5,817	40,972	69,680
April	19,078	2,185	3,445	625	3,282	2,860	—	7,922	2,145	5,774	40,813	68,631
May	18,953	2,190	3,430	625	3,320	2,845	—	8,030	2,005	5,733	40,742	68,625
June	18,128	2,250	3,450	620	3,396	2,576	—	8,180	1,950	5,701	40,750	67,853
July	18,188	2,405	3,405	610	3,400	2,840	—	8,250	1,988	5,526	41,181	68,399
August	18,658	2,365	3,425	605	3,426	2,699	—	8,345	1,892	5,595	41,154	68,897
September	18,908	2,350	3,371	614	3,417	2,689	—	8,470	2,047	5,683	41,500	69,593
October	19,488	2,325	3,401	615	3,398	2,816	—	8,490	2,171	5,635	41,804	70,467
November	19,558	2,440	3,426	610	3,380	2,941	—	8,500	1,956	5,560	42,015	70,693
December	20,083	2,480	3,438	610	3,455	2,978	—	8,510	2,192	5,579	42,691	71,974
Average	19,262	2,306	3,409	618	3,371	2,846	—	8,182	2,093	5,681	41,296	69,301
2004 January	20,273	R 2,414	3,440	610	3,417	R 3,143	—	8,686	2,041	E 5,644	R 42,647	R 72,180
February	20,203	R 2,470	3,474	607	3,360	R 3,179	—	8,630	1,898	E 5,584	R 42,514	R 71,977
March	20,118	R 2,440	3,393	590	3,368	R 3,089	—	8,681	2,028	E 5,622	R 42,553	R 71,921
April	20,073	R 2,363	3,435	580	3,439	R 3,064	—	8,760	1,966	E 5,568	R 42,566	R 71,889
May	19,893	R 2,384	3,420	591	3,394	R 3,028	—	8,837	1,800	E 5,612	R 42,477	R 71,615
June	20,973	R 2,430	R 3,460	R 585	3,436	R 3,068	—	8,930	R 1,923	E 5,403	R 42,752	R 73,080
July	21,313	2,410	3,486	595	3,363	3,079	—	9,260	1,818	E 5,404	42,901	73,644
7-Mo. Avg.	20,407	2,416	3,444	594	3,397	3,092	—	8,828	1,925	E 5,548	42,631	72,331
2003 7-Mo. Avg.	19,205	2,243	3,406	623	3,339	2,861	—	7,979	2,123	5,731	40,907	68,561
2002 7-Mo. Avg.	17,396	2,158	3,365	634	3,163	3,032	—	7,202	2,325	5,867	40,411	66,357

^a The Persian Gulf Nations are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Neutral Zone between Kuwait and Saudi Arabia is included in "Persian Gulf Nations."

R=Revised. NA=Not available. —=Not applicable. E=Estimate.

Notes: • Crude oil includes lease condensate but excludes natural gas plant liquids. • Monthly data are often preliminary figures and may not

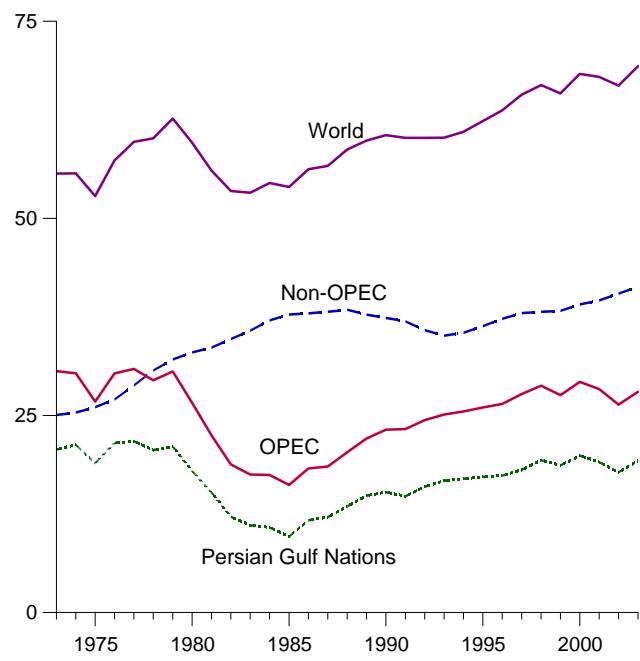
average to the annual totals because of rounding or because updates to the preliminary monthly data are not available. • Data for countries may not sum to World totals due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/inter.html>.

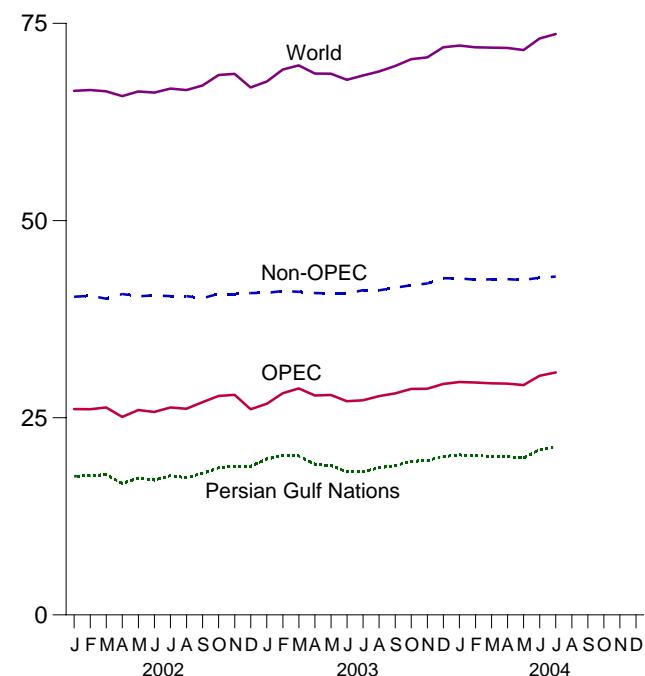
Sources: See end of section.

Figure 11.1a Crude Oil Production Overview
(Million Barrels per Day)

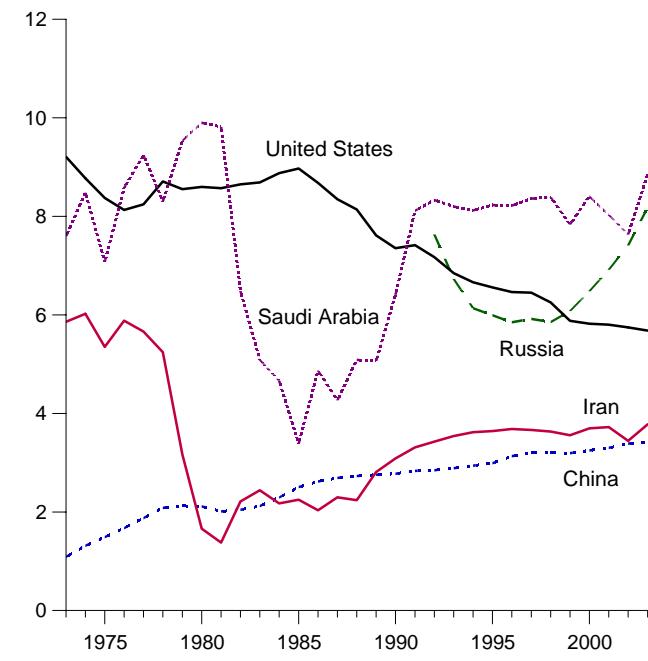
World Production, 1973-2003



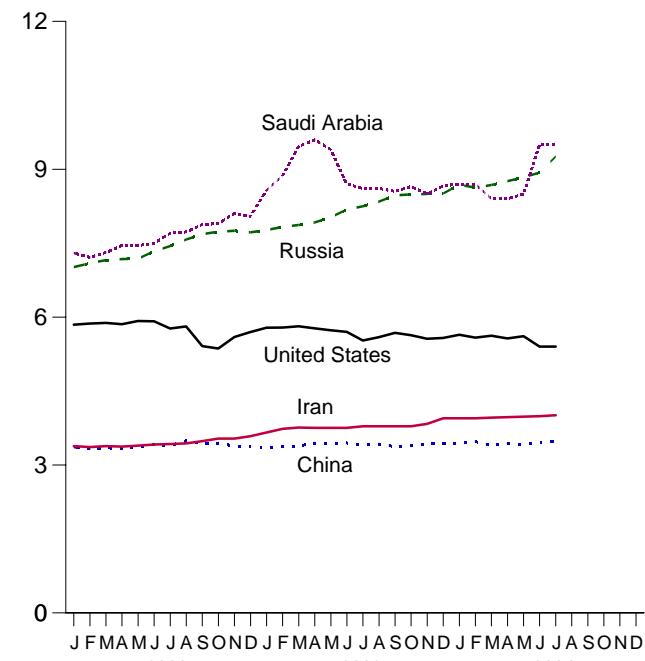
World Production, Monthly



Selected Producers, 1973-2003



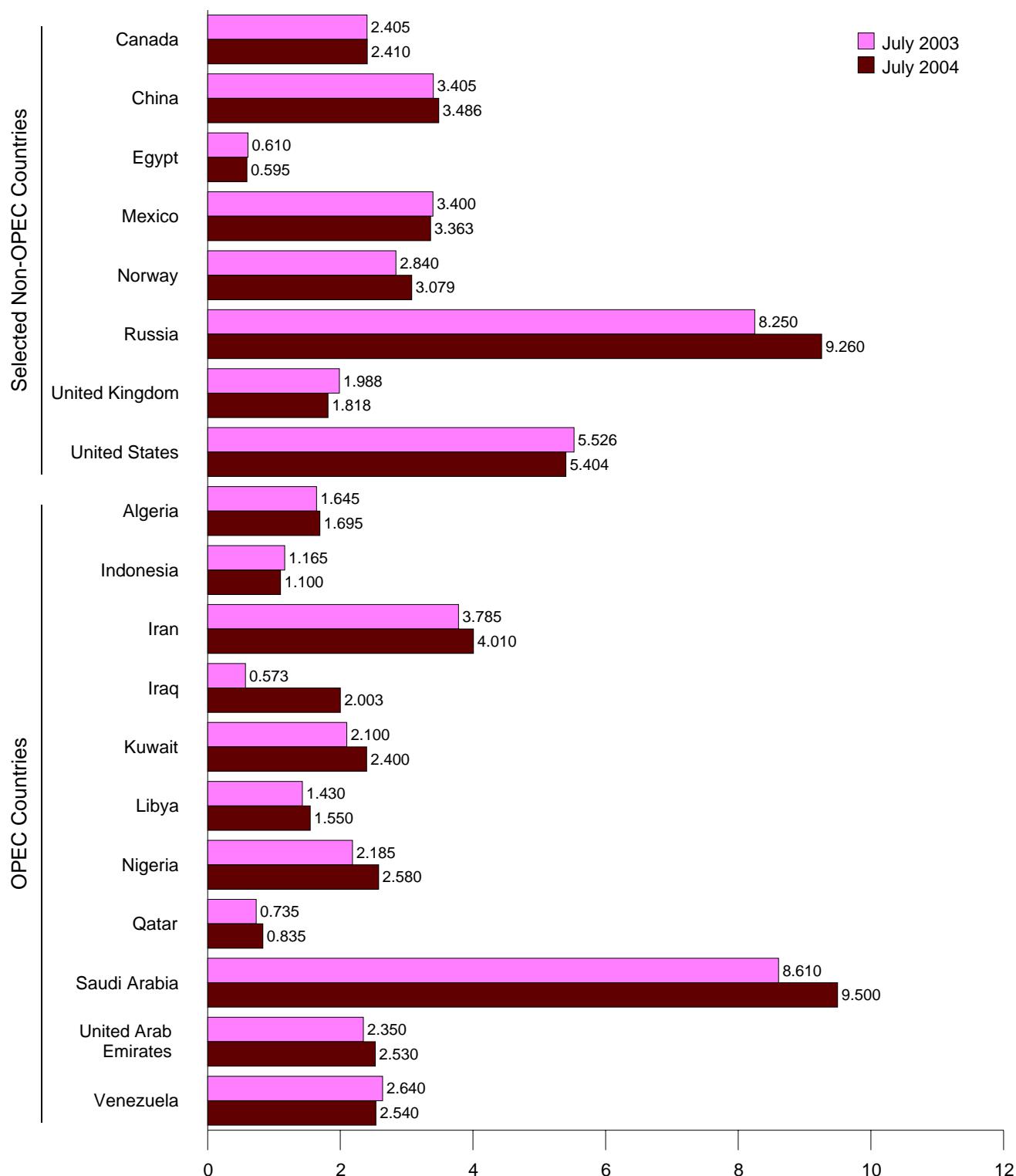
Selected Producers, Monthly



Notes: • OECD is the Organization for Economic Cooperation and Development.
• Because vertical scales differ, graphs should not be compared.

Web Page: <http://www.eia.doe.gov/emeu/mer/inter.html>.
Source: Tables 11.1a and 11.b.

Figure 11.1b Crude Oil Production by Selected Country
 (Million Barrels per Day)



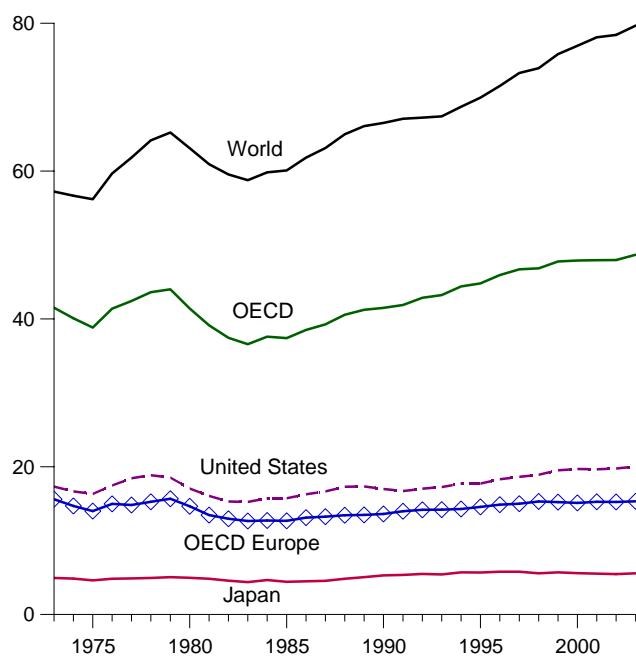
Note: OPEC is the Organization of Petroleum Exporting Countries.

Web Page: <http://www.eia.doe.gov/emeu/mer/inter.html>.

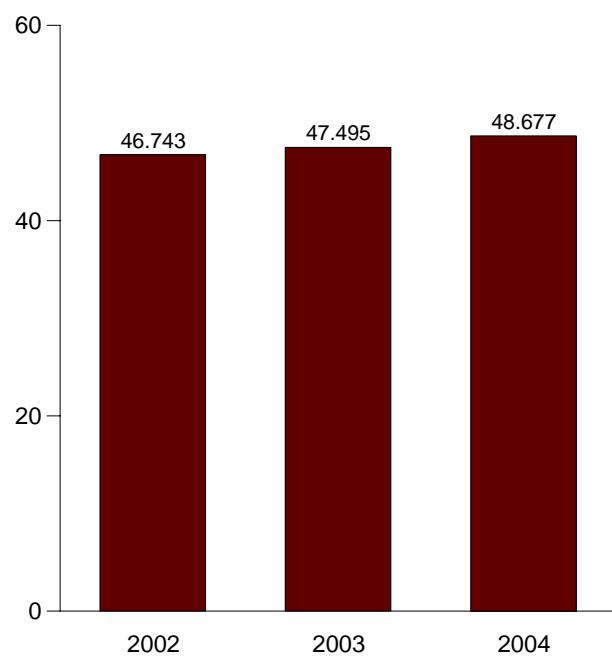
Sources: Tables 11.1a and 11.1b.

Figure 11.2 Petroleum Consumption in OECD Countries
(Million Barrels per Day)

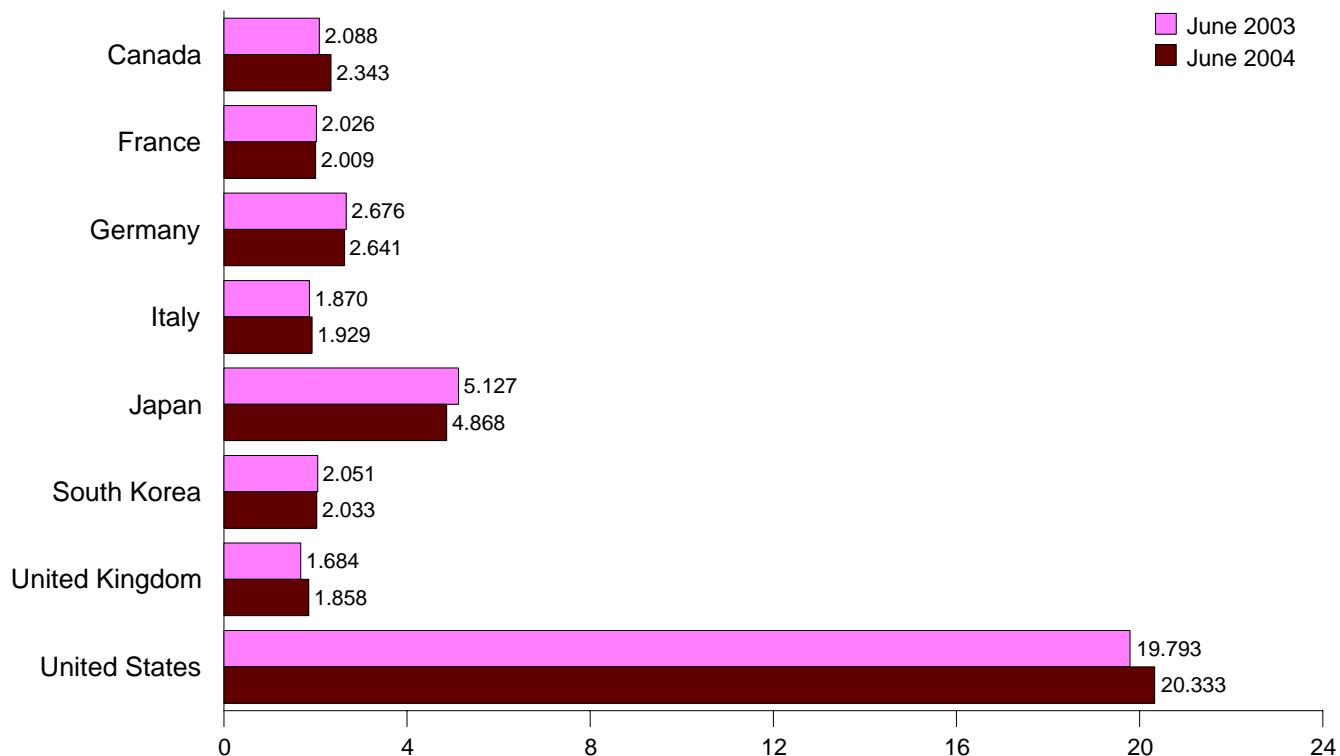
Overview, 1973-2003



OECD Total, June



By Selected OECD Country



Notes: • OECD is the Organization for Economic Cooperation and Development.
• Because vertical scales differ, graphs should not be compared.

Web Page: <http://www.eia.doe.gov/emeu/mer/inter.html>.
Source: Table 11.2.

Table 11.2 Petroleum Consumption in OECD Countries
(Thousand Barrels per Day)

	Canada	France	Germany ^a	Italy	Japan	South Korea	United Kingdom	United States	OECD Europe ^b	Other OECD ^c	OECD ^d	World
1973 Average	1,729	2,601	3,324	2,068	4,949	281	2,341	17,308	15,598	1,658	41,523	57,237
1974 Average	1,779	2,447	3,030	2,004	4,864	287	2,210	16,653	14,699	1,806	40,089	56,677
1975 Average	1,779	2,252	2,957	1,855	4,621	311	1,911	16,322	13,998	1,794	38,825	56,198
1976 Average	1,818	2,420	3,206	1,971	4,837	357	1,892	17,461	14,964	1,946	41,382	59,673
1977 Average	1,850	2,294	3,212	1,897	4,880	422	1,905	18,431	14,810	2,035	42,429	61,826
1978 Average	1,902	2,408	3,290	1,952	4,945	482	1,938	18,847	15,247	2,194	43,616	64,158
1979 Average	1,971	2,463	3,373	2,039	5,050	525	1,971	18,513	15,668	2,278	44,005	65,220
1980 Average	1,873	2,256	3,082	1,934	4,960	537	1,725	17,056	14,640	2,342	41,408	63,108
1981 Average	1,768	2,023	2,804	1,874	4,848	536	1,590	16,058	13,452	2,479	39,141	60,944
1982 Average	1,578	1,880	2,743	1,781	4,582	534	1,590	15,296	12,965	2,484	37,439	59,543
1983 Average	1,448	1,835	2,661	1,750	4,395	561	1,531	15,231	12,650	2,303	36,588	58,779
1984 Average	1,520	1,771	2,557	1,720	4,666	554	1,825	15,726	12,727	2,408	37,601	59,829
1985 Average	1,526	1,753	2,651	1,705	4,436	552	1,617	15,726	12,683	2,469	37,392	60,087
1986 Average	1,531	1,764	2,792	1,734	4,503	592	1,637	16,281	13,114	2,491	38,512	61,826
1987 Average	1,607	1,785	2,723	1,815	4,567	627	1,611	16,665	13,240	2,549	39,255	63,127
1988 Average	1,681	1,801	2,723	1,829	4,849	746	1,692	17,283	13,429	2,578	40,567	64,991
1989 Average	1,754	1,844	2,581	1,897	5,058	860	1,731	17,325	13,485	2,744	41,227	66,097
1990 Average	1,746	1,826	2,682	1,874	5,296	1,048	1,776	16,988	13,607	2,804	41,489	66,514
1991 Average	1,674	1,940	2,829	1,862	5,369	1,263	1,802	16,714	13,966	2,897	41,883	67,090
1992 Average	1,725	1,932	2,841	1,894	5,488	1,527	1,815	17,033	14,168	2,919	42,860	67,236
1993 Average	1,755	1,877	2,908	1,891	5,414	1,684	1,829	17,237	14,193	2,942	43,225	67,400
1994 Average	1,771	1,865	2,883	1,869	5,703	1,840	1,833	17,718	14,275	3,089	44,396	68,709
1995 Average	1,819	1,919	2,882	1,942	5,676	2,008	1,815	17,725	14,567	3,005	44,799	69,951
1996 Average	1,870	1,949	2,922	1,920	5,785	2,101	1,851	18,309	14,867	2,996	45,928	71,517
1997 Average	1,956	1,969	2,917	1,934	5,797	2,255	1,803	18,620	14,998	3,091	46,717	73,283
1998 Average	1,942	2,040	2,923	1,941	5,577	1,917	1,791	18,917	15,304	3,191	46,848	73,923
1999 Average	2,027	2,029	2,838	1,891	5,698	2,084	1,794	19,519	15,215	3,236	47,780	75,822
2000 Average	2,027	2,001	2,772	1,854	5,607	2,135	1,758	19,701	15,103	3,325	47,899	76,958
2001 Average	2,043	2,051	2,815	1,837	5,530	2,132	1,724	19,649	15,263	3,326	47,942	78,115
2002 January	2,038	2,213	2,583	1,947	5,811	2,404	1,737	19,454	15,506	3,210	48,422	NA
February	2,117	2,068	2,684	2,032	6,147	2,266	1,797	19,444	15,511	3,418	48,903	NA
March	2,072	1,954	2,648	1,866	5,555	2,286	1,806	19,676	14,977	3,211	47,777	NA
April	1,986	1,932	2,675	1,828	5,034	2,144	1,786	19,552	14,963	3,319	46,998	NA
May	2,001	1,785	2,491	1,811	4,638	1,865	1,778	19,728	14,494	3,231	45,956	NA
June	2,056	1,936	2,775	1,831	4,721	1,886	1,679	19,875	15,018	3,189	46,743	NA
July	2,089	2,093	2,921	1,941	5,199	1,866	1,801	20,076	15,633	3,293	48,157	NA
August	2,144	1,865	2,789	1,757	5,170	1,965	1,725	20,221	14,862	3,299	47,660	NA
September	2,025	1,998	2,933	1,842	5,216	2,107	1,738	19,461	15,454	3,281	47,545	NA
October	2,142	2,069	2,771	1,934	5,273	2,118	1,808	19,678	15,748	3,339	48,299	NA
November	2,170	1,978	2,746	1,794	6,099	2,334	1,801	19,991	15,354	3,207	49,155	NA
December	2,115	1,908	2,642	1,869	6,753	2,555	1,757	19,943	15,247	3,376	49,989	NA
Average	2,079	1,983	2,721	1,870	5,465	2,149	1,768	19,761	15,229	3,280	47,963	78,429
2003 January	2,125	2,173	2,359	1,796	6,224	2,520	1,759	20,017	15,159	R 3,299	R 49,344	NA
February	2,267	2,244	2,698	2,047	6,665	2,408	1,746	20,375	15,987	R 3,395	R 51,098	NA
March	2,113	1,927	2,530	1,821	6,241	2,206	1,742	19,708	14,826	R 3,343	R 48,436	NA
April	R 2,166	1,972	2,735	1,834	5,302	1,970	1,740	19,830	15,208	R 3,414	R 47,890	NA
May	R 2,184	1,885	2,752	1,808	5,073	1,991	1,684	19,344	14,925	R 3,448	R 46,963	NA
June	2,088	2,026	2,676	1,870	5,127	2,051	1,684	19,793	15,052	R 3,383	R 47,495	NA
July	2,128	2,141	2,641	1,918	4,994	1,920	1,714	20,094	15,451	R 3,470	R 48,058	NA
August	2,198	1,887	2,454	1,762	5,012	1,951	1,608	20,586	14,573	R 3,336	R 47,656	NA
September	2,168	2,188	2,867	1,945	5,108	1,991	1,755	19,933	15,980	R 3,466	R 48,646	NA
October	2,275	2,193	2,742	1,924	5,377	2,203	1,720	20,182	15,957	R 3,402	R 49,396	NA
November	2,209	1,928	2,608	1,808	5,510	2,331	1,737	19,873	15,089	R 3,355	R 48,367	NA
December	2,239	2,168	2,591	1,976	6,372	2,489	1,784	20,679	15,754	R 3,575	R 51,108	NA
Average	R 2,180	2,060	2,636	1,874	5,578	2,168	1,722	20,034	15,325	R 3,407	R 48,692	R 79,682
2004 January	2,219	2,122	2,502	1,796	6,002	2,376	1,797	20,393	15,128	R 3,391	R 49,508	NA
February	2,301	2,159	2,677	1,903	6,203	2,247	1,866	20,549	15,788	R 3,523	R 50,611	NA
March	2,307	2,117	2,764	1,949	5,980	2,248	1,887	20,161	16,066	R 3,498	R 50,260	NA
April	R 2,215	2,094	2,643	1,831	5,184	2,041	1,993	20,207	R 15,803	R 3,369	R 48,819	NA
May	R 2,233	R 1,778	2,340	1,787	4,803	1,972	1,794	20,209	R 14,508	R 3,435	R 47,160	NA
June	2,343	2,009	2,641	1,929	4,868	2,033	1,858	20,333	15,631	3,470	48,677	NA
6-Mo. Avg.	2,269	2,045	2,593	1,865	5,504	2,153	1,865	20,306	15,481	3,447	49,161	NA
2003 6-Mo. Avg.	2,156	2,035	2,623	1,860	5,763	2,189	1,726	19,836	15,180	3,380	48,505	NA
2002 6-Mo. Avg.	2,044	1,980	2,641	1,884	5,309	2,141	1,764	19,623	15,072	3,260	47,449	NA

^a Data are for unified Germany, i.e., the former East Germany and West Germany.

^b "OECD Europe" consists of Austria, Belgium, Czech Republic (beginning in 1993), Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^c "Other OECD" consists of Australia, Mexico, New Zealand, and the U.S. Territories.

^d The Organization for Economic Cooperation and Development (OECD) consists of Canada, Japan, the United States, "OECD Europe" and "Other OECD."

R=Revised. NA=Not available.

Notes: • Data through 1996 are final. Subsequent data are preliminary.

• Totals may not equal sum of components due to independent rounding.

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

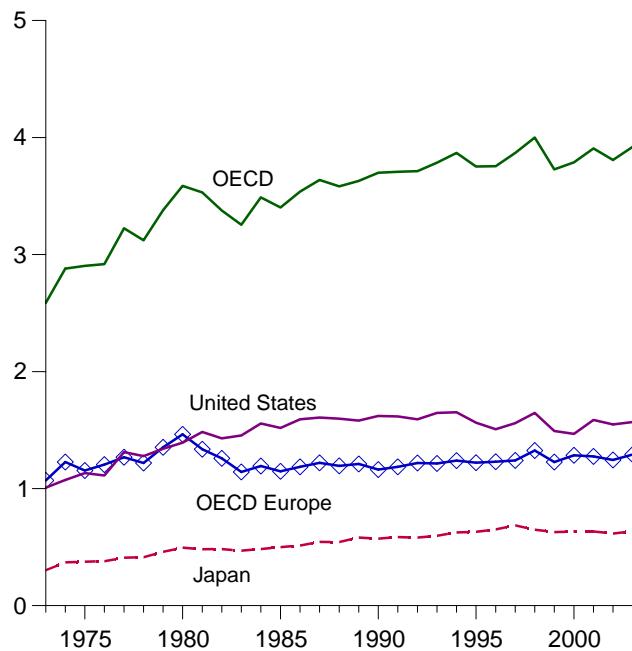
Web Page: <http://www.eia.doe.gov/emeu/mer/inter.html>.

Sources: • **United States:** Table 3.1a. • **All Other Data:**

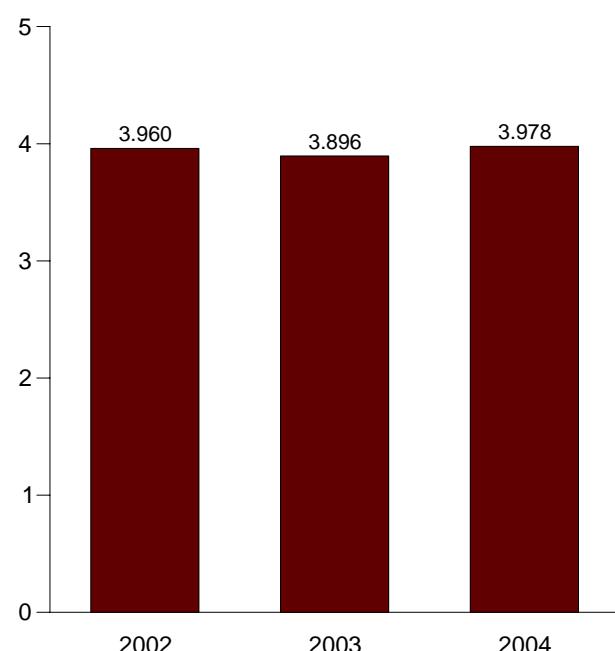
1973-1981—International Energy Agency (IEA), *Quarterly Oil Statistics and Energy Balances in OECD Countries*, various issues. **1982-1983**—IEA, *Monthly Oil and Gas Statistics Database*. **1984-2004**—IEA, *Monthly Oil Data Service*, July 13, 2004.

Figure 11.3 Petroleum Stocks in OECD Countries
(Billion Barrels)

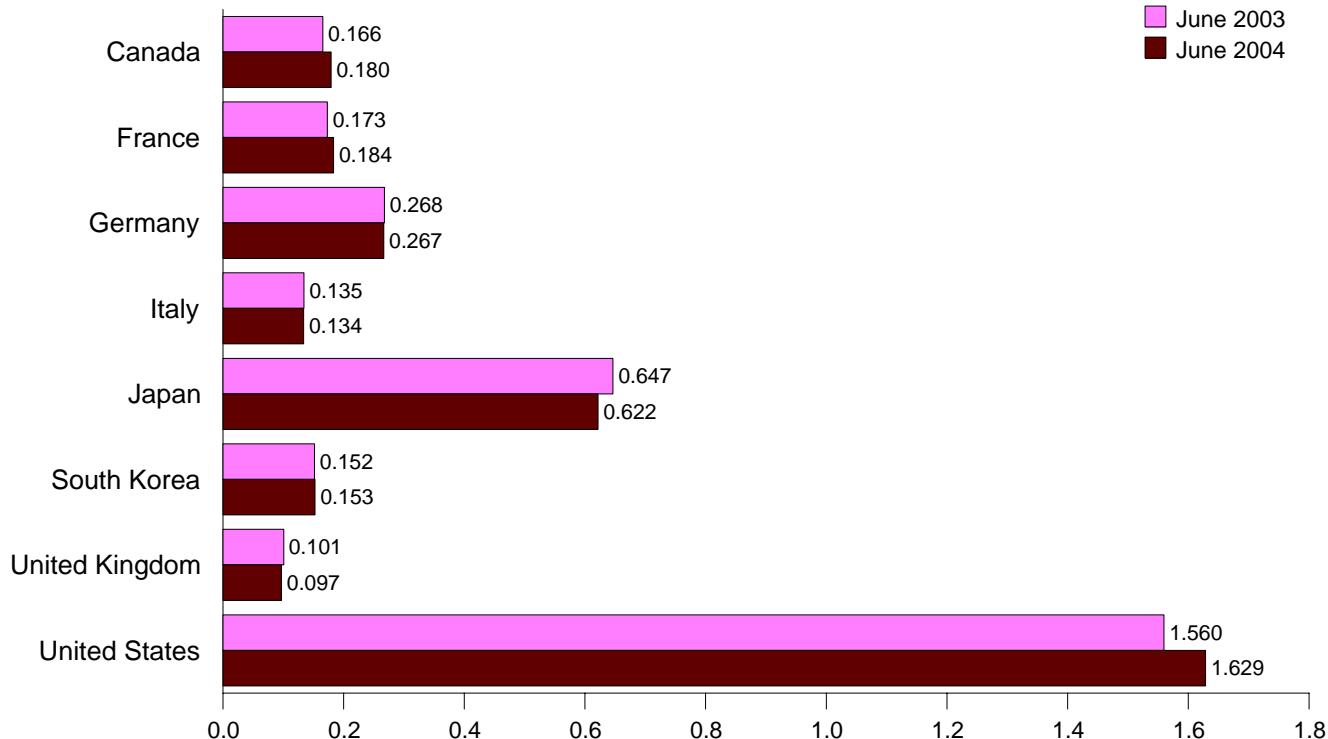
Overview, End of Year, 1973-2003



OECD Stocks, End of Month, June



By Selected OECD Country



Note: OECD is the Organization for Economic Cooperation and Development.
Web Page: <http://www.eia.doe.gov/emeu/mer/inter.html>.
Source: Table 11.3.

Table 11.3 Petroleum Stocks in OECD Countries
(Million Barrels)

	Canada	France	Germany ^a	Italy	Japan	South Korea ^b	United Kingdom	United States	OECD Europe ^c	Other OECD ^d	OECD ^e
1973 Year	140	201	181	152	303	NA	156	1,008	1,070	67	2,588
1974 Year	145	249	213	167	370	NA	191	1,074	1,227	64	2,880
1975 Year	174	225	187	143	375	NA	165	1,133	1,154	67	2,903
1976 Year	153	234	208	143	380	NA	165	1,112	1,205	68	2,918
1977 Year	167	239	225	161	409	NA	148	1,312	1,268	68	3,224
1978 Year	144	201	238	154	413	NA	157	1,278	1,219	68	3,122
1979 Year	150	226	272	163	460	NA	169	1,341	1,353	75	3,379
1980 Year	164	243	319	170	495	NA	168	1,392	1,464	72	3,587
1981 Year	161	214	297	167	482	NA	143	1,484	1,337	67	3,531
1982 Year	136	193	272	179	484	NA	125	1,430	1,258	68	3,376
1983 Year	121	153	249	149	470	NA	118	1,454	1,142	68	3,255
1984 Year	129	153	280	158	483	NA	129	1,556	1,193	112	3,488
1985 Year	112	139	277	156	500	NA	131	1,519	1,148	110	3,402
1986 Year	111	127	295	154	514	NA	133	1,593	1,186	113	3,538
1987 Year	128	127	304	168	545	NA	133	1,607	1,221	115	3,637
1988 Year	119	140	303	155	543	NA	126	1,597	1,194	114	3,583
1989 Year	118	138	310	162	582	NA	131	1,581	1,211	114	3,629
1990 Year	143	143	265	143	572	NA	103	1,621	1,163	117	3,700
1991 Year	140	161	288	134	586	NA	109	1,617	1,185	113	3,707
1992 Year	127	157	311	149	582	NA	104	1,592	1,219	115	3,712
1993 Year	128	153	310	139	597	NA	109	1,647	1,215	115	3,785
1994 Year	142	153	314	143	625	NA	109	1,653	1,239	114	3,869
1995 Year	132	155	302	141	631	NA	101	1,563	1,222	113	3,753
1996 Year	127	154	303	135	651	NA	103	1,507	1,229	118	3,756
1997 Year	144	161	299	147	685	124	100	1,560	1,241	115	3,869
1998 Year	139	161	323	135	649	129	104	1,647	1,325	111	4,000
1999 Year	142	160	290	130	629	132	101	1,493	1,227	105	3,727
2000 Year	144	170	272	140	634	140	100	1,468	1,285	117	3,788
2001 Year	156	165	273	134	634	143	116	1,586	1,275	112	3,906
2002 January	156	164	277	140	631	142	116	1,591	1,304	114	3,937
February	160	167	276	138	620	137	114	1,576	1,310	116	3,918
March	160	163	276	132	630	144	109	1,573	1,284	110	3,901
April	159	164	276	133	624	140	111	1,588	1,277	114	3,902
May	155	173	274	136	626	144	108	1,611	1,291	110	3,936
June	155	170	269	132	634	154	116	1,616	1,289	112	3,960
July	159	169	264	137	633	153	116	1,611	1,283	111	3,949
August	162	171	264	142	633	152	108	1,596	1,281	123	3,948
September	163	174	259	136	627	149	107	1,574	1,261	115	3,889
October	162	176	254	140	628	150	113	1,573	1,282	111	3,906
November	159	170	253	143	616	149	113	1,578	1,260	114	3,876
December	155	175	253	138	615	140	105	1,548	1,244	105	3,809
2003 January	155	170	R 265	140	618	140	105	1,504	R 1,250	107	R 3,773
February	150	162	R 260	128	614	140	103	1,460	R 1,220	110	R 3,694
March	R 154	175	R 266	136	619	137	105	1,474	R 1,271	115	R 3,772
April	159	174	R 266	139	619	141	106	1,496	R 1,275	104	R 3,795
May	R 162	180	R 267	137	632	142	108	1,533	R 1,268	110	R 3,846
June	166	173	R 268	135	647	152	101	1,560	R 1,265	107	R 3,896
July	174	174	R 270	136	650	158	103	1,570	R 1,272	103	R 3,929
August	174	184	R 276	140	651	150	100	1,572	R 1,297	101	R 3,945
September	177	179	R 266	141	654	155	98	1,598	R 1,284	103	R 3,970
October	177	176	R 269	139	642	148	98	1,602	R 1,278	99	R 3,946
November	175	183	R 272	139	636	149	106	1,598	R 1,299	107	R 3,963
December	175	185	R 272	135	636	155	102	1,568	R 1,291	96	R 3,921
2004 January	171	183	R 277	132	631	143	105	1,552	R 1,309	99	R 3,904
February	170	178	R 275	132	625	151	102	1,547	R 1,284	100	R 3,877
March	171	R 176	R 270	136	614	143	101	1,566	R 1,287	97	R 3,880
April	R 167	R 181	R 267	134	612	148	98	1,574	R 1,272	108	R 3,881
May	R 173	186	R 270	131	625	146	98	1,600	R 1,287	104	R 3,935
June	180	184	267	134	622	153	97	1,629	1,295	100	3,978

^a 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.

^b Beginning in January 2002, data include previously confidential South Korean government-controlled oil stocks.

^c "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, and, for 1997 forward, Czech Republic, Hungary, and Poland.

^d "Other OECD" consists of Australia, New Zealand, and the U.S. Territories, and, for 1997 forward, Mexico.

^e The Organization for Economic Cooperation and Development (OECD) consists of Canada, Japan, the United States, "OECD Europe" and "Other OECD."

R=Revised. NA=Not available.

Notes: • Stocks are at end of period. • Petroleum stocks include crude oil (including strategic reserves), unfinished oils, natural gas plant liquids, and refined

products. Petroleum stocks include all nonmilitary petroleum held for storage, regardless of ownership, within each country in bulk terminals, refinery tanks, pipeline tankage, intercoastal tankers, tankers in port, and inland ship bunkers. Data exclude oil held in pipelines (except for those in the United States), rail and truck cars, sea-going ships' bunkers, service stations, retail stores, and tankers at sea. • In the United States in January 1975, 1981, and 1983, numerous respondents were added to bulk terminal and pipeline surveys, thereby affecting subsequent stocks reported. New-basis 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. • Data through 1996 are final. Subsequent data are preliminary. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/inter.html>.

Sources: • **United States:** Table 3.1a. • **All Other Data:** International Energy Agency, quarterly and monthly computer tapes supporting *Quarterly Oil Statistics and Energy Balances*.

International Petroleum

Tables 11.1a and 11.1b Sources

United States: See Table 3.1a.

All Other Countries: Monthly Data

2002 forward: Energy Information Administration (EIA),
International Petroleum Monthly.

All Other Countries: Annual Data

1973–1979: Energy Information Administration (EIA),
International Energy Annual 1981, Table 8.
1980–2002: Office of Energy Markets and End Use,
International Energy Database, February 2004.
2003: Average of monthly data.

World: Monthly Data

2002 forward: EIA, *International Petroleum Monthly*, sum
of all countries' monthly data.

World: Annual Data

1973–1979: EIA, *International Energy Annual 1981*, Table
8.
1980–2002: Office of Energy Markets and End Use,
International Energy Database, February 2004.
2003: Average of monthly data.