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FOREWORD



Dr Adnan Shihab-Eldin
Director, Research Division, Acting for the Secretary General

I would like to take this opportunity to welcome readers to the 2004 edition of the OPEC Annual Statistical Bulletin (ASB).

Over the past four decades, the ASB has grown to become the most complete and detailed statistical account of the oil and gas activities of this Organization and its 11 Member Countries, as well as offering a comprehensive and accurate account of

the petroleum industry as a whole. The publication now comes in five different formats — a printed book, in PDF and interactive electronic forms that can be downloaded from the OPEC website at www.opec.org, and via our in-house Intranet service. Finally, a CD-ROM, which comes with the book, has information dating back to OPEC's inception in 1960, which enables the reader to better process both historical and latest data.

This wide-ranging availability is intended to satisfy the diverse needs of our readers and to ensure that the publication's data is disseminated to the widest possible audience globally. This year, we are pleased to announce that there is an even greater wealth of information and data at the readers' disposal. For example, the time frame in the first section, which carries the Summary Tables and Basic Indicators, now dates back to 1969, instead of the previous time line of 1983. This is aimed at improving the quality and depth of coverage, which, in turn, will further enhance the publication's standing as a reliable source of oil and gas data on the Organization and its Member Countries.

A review of the data documented for 2004 shows clearly how OPEC responded to a unique year when several, largely unforeseen factors combined to push oil prices to record high levels. Looking at the situation through the OPEC Reference Basket (ORB) we can see just how volatile the situation actually was. The ORB began the year at a monthly average of around \$30 a barrel, hit a record high of over \$45 in October, and ended the year at just below \$36/b (Table 71). However, in real terms, after taking inflation and exchange rates into account, the record high prices seen in the year were actually still at the 1978 level (Table 73). OPEC, in its bid to stabilize prices at reasonable levels, met on no fewer than five occasions at Ministerial level during 2004, boosting production by almost 3 million barrels per day (Table 13), with crude oil exports rising by well over 2 mb/d (Table 23).

The five sections that make up the ASB plot the course of this exceptional year, in which Member Countries saw the value of petroleum exports soar by \$100 billion (Table 5) and current accounts register strong surpluses (Table 7), which spelled good news for their various domestic socio-economic development programmes. Looking at the breakdown of the publication, Section 1: Summary tables and basic indicators contains a general summary of various economic, oil and gas industry data with an emphasis on OPEC Member Countries. Section 2: Oil and gas data has detailed information on upstream and downstream activities, covering not only OPEC, but also the most prominent countries worldwide in each sector. In Section 3: Transportation data on developments in transportation, tanker fleets, freight rates and pipelines is included, while Section 4: Prices provides information on various crude and petroleum product pricing. Section 5: Major oil companies covers the evolution of financial and operational indicators related to the activities of the major oil firms.

Finally, after such an eventful year, I hope that this expanded edition of the ASB will prove to be even more valuable as a source of information on OPEC oil and gas affairs and will again show just how vital and constructive a role the Organization and its Members play in the world energy industry and the global economy as a whole.



Dr Adnan Shihab-Eldin

OPEC crude oil production ceiling allocations (1,000 b/d)

	Apr 83– Oct 84 ¹	Nov 84– Oct 86 ²	Nov 86 ³	Dec 86 ³	1H87 ⁴	2H87 ⁵	1988 ⁶	1H89 ⁷	Jul 89– Sep 89 ⁸	Oct 89– Dec 89 ⁹
Algeria	725	663	669	669	635	667	667	695	733	771
Indonesia	1,300	1,189	1,193	1,193	1,133	1,190	1,190	1,240	1,307	1,374
IR Iran	2,400	2,300	2,317	2,317	2,255	2,369	2,369	2,640	2,783	2,926
Iraq	1,200	1,200	–	–	1,466	1,540	–	2,640	2,783	2,926
Kuwait	1,050	900	921	999	948	996	996	1,037	1,093	1,149
SP Libyan AJ	1,100	990	999	999	948	996	996	1,037	1,093	1,149
Nigeria	1,300	1,300	1,304	1,304	1,238	1,301	1,301	1,355	1,428	1,501
Qatar	300	280	300	300	285	299	299	312	329	346
Saudi Arabia	5,000	4,353	4,353	4,353	4,133	4,343	4,343	4,524	4,769	5,014
United Arab Emirates	1,100	950	950	950	902	948	948	988	1,041	1,094
Venezuela	1,675	1,555	1,574	1,574	1,495	1,571	1,571	1,636	1,724	1,812
OPEC	17,150	15,680			15,438	16,220		18,104	19,083	20,062
OPEC excl Iraq			14,580	14,658			14,680			

	Jan 90– Jul 90 ¹⁰	Aug 90 ¹¹	Apr 91– Sep 91 ¹²	Oct 91– Jan 92 ¹³	Feb 92– Sep 92 ¹⁴	Oct 92– Dec 92 ¹⁵	Jan 93– Feb 93 ¹⁶	Mar 93– Sep 93 ¹⁷	Oct 93– Jun 96 ¹⁸	Jul 96– Dec 97 ¹⁹
Algeria	827	827	827	na	760	na	764	732	750	750
Indonesia	1,374	1,374	1,443	na	1,374	na	1,374	1,317	1,330	1,330
IR Iran	3,140	3,140	3,217	na	3,184	na	3,490	3,340	3,600	3,600
Iraq	3,140	3,140	–	na	505	na	500	400	400	1,200
Kuwait	1,500	1,500	–	na	812	na	1,500	1,600	2,000	2,000
SP Libyan AJ	1,233	1,233	1,425	na	1,395	na	1,409	1,350	1,390	1,390
Nigeria	1,611	1,611	1,840	na	1,751	na	1,857	1,780	1,865	1,865
Qatar	371	371	399	na	377	na	380	364	378	378
Saudi Arabia	5,380	5,380	8,034	na	7,887	na	8,395	8,000	8,000	8,000
United Arab Emirates	1,095	1,500	2,320	na	2,244	na	2,260	2,161	2,161	2,161
Venezuela	1,945	1,945	2,235	na	2,147	na	2,360	2,257	2,359	2,359
OPEC	21,616	22,021		23,650[#]	22,436	24,200[#]	24,289	23,301	24,233	25,033
OPEC excl Iraq and Kuwait			21,740							

	Jan 98– Mar 98 ²⁰	Apr 98– Jun 98 ²¹	Jul 98– Mar 99 ²²	Apr 99– Mar 00 ²³	Apr 00– Jun 00 ²⁴	Jul 00– Sep 00 ²⁵	1 Oct 00– 31 Oct 00 ²⁶	1 Oct 00– 31 Oct 00 ²⁶	Jan 01 ²⁷	Feb 01– Mar 01 ²⁸	Apr 01– Aug 01
Algeria	909	50	788	731	788	811	837	853	805	773	
Indonesia	1,456	70	1,280	1,187	1,280	1,317	1,359	1,385	1,307	1,255	
IR Iran	3,942	140	3,318	3,359	–	3,727	3,844	3,917	3,698	3,552	
Iraq	1,314	–	–	–	–	–	–	–	–	–	
Kuwait	2,190	125	1,980	1,836	1,980	2,037	2,101	2,141	2,021	1,941	
SP Libyan AJ	1,522	80	1,323	1,227	1,323	1,361	1,404	1,431	1,350	1,296	
Nigeria	2,042	125	2,033	1,885	2,033	2,091	2,157	2,198	2,075	1,993	
Qatar	414	30	640	593	640	658	679	692	653	627	
Saudi Arabia	8,761	300	8,023	7,438	8,023	8,253	8,512	8,674	8,189	7,865	
United Arab Emirates	2,366	125	2,157	2,000	2,157	2,219	2,289	2,333	2,201	2,113	
Venezuela	2,583	200	2,845	2,720	2,845	2,926	3,019	3,077	2,902	2,786	
OPEC	27,500										
OPEC excl Iraq		1,245	24,387	22,976		25,400	26,200	26,700	25,201	24,201	
OPEC excl Iraq and IR Iran					21,069						

	Sep 01– Dec 01 ³⁰	Jan 02– Dec 02 ³¹	Jan 03 ³²	Feb 03– May 03 ³³	Jun 03– Oct 03 ³⁴	Nov 03– Mar 04 ³⁵	Apr 04– Jun 04 ³⁶	Jul 04 ³⁷	Aug 04– Oct 04 ³⁸	Nov 04– Dec 04 ³⁹
Algeria	741	693	735	782	811	782	750	814	830	862
Indonesia	1,203	1,125	1,192	1,270	1,317	1,270	1,218	1,322	1,347	1,399
IR Iran	3,406	3,186	3,377	3,597	3,729	3,597	3,450	3,744	3,817	3,964
Iraq	–	–	–	–	–	–	–	–	–	–
Kuwait	1,861	1,741	1,845	1,966	2,038	1,966	1,886	2,046	2,087	2,167
SP Libyan AJ	1,242	1,162	1,232	1,312	1,360	1,312	1,258	1,365	1,392	1,446
Nigeria	1,911	1,787	1,894	2,018	2,092	2,018	1,936	2,101	2,142	2,224
Qatar	601	562	596	635	658	635	609	661	674	700
Saudi Arabia	7,541	7,053	7,476	7,963	8,256	7,963	7,638	8,288	8,450	8,775
United Arab Emirates	2,025	1,894	2,007	2,138	2,217	2,138	2,051	2,225	2,269	2,356
Venezuela	2,670	2,497	2,647	2,819	2,923	2,819	2,704	2,934	2,992	3,107
OPEC excl Iraq	23,201	21,700	23,000	24,500	25,400	24,500	23,500	25,500	26,000	27,000

Notes:

- na No country distribution decided.
- No production level allocated for this specific Member Country.
- # Including Ecuador and Gabon.

Ceiling as agreed at the:

1. 67th (Extraordinary) Meeting of the OPEC Conference, March 14, 1983. No allocation for Saudi Arabia which will act as the swing producer. Venezuela: 1.7m b/d including condensates. Nigeria: At the 70th Meeting of the OPEC Conference, July 10–11, 1984, a temporary production rise to 1.4m b/d and 1.45m b/d was decided for August 1984, and September 1984, respectively.
2. November 1984–August 1986: 71st (Extraordinary) Meeting of the OPEC Conference, October 29–31, 1984. September 1986–October 1986: 78th Meeting of the OPEC Conference, July 28–August 5, 1986.
3. 79th (Extraordinary) Meeting of the OPEC Conference, October 6–22, 1986, with the exception of Iraq.
4. 80th Meeting of the OPEC Conference, December 11–20, 1986.
5. 81st Meeting of the OPEC Conference, June 25–27, 1987.
6. 1H88: 82nd Meeting of the OPEC Conference, December 9–14, 1987, with the exception of Iraq. 2H88: 83rd Meeting of the OPEC Conference, June 11–14, 1988, with the exception of Iraq.
7. 84th Meeting of the OPEC Conference, November 21–28, 1988.
8. 85th Meeting of the OPEC Conference, June 5–7, 1989.
9. 3rd Meeting of the Eight-Minister Monitoring Committee, September 23–27, 1989.
10. 86th Meeting of the OPEC Conference, November 25–28, 1989.
11. August 1990–December 1990: 87th Meeting of the OPEC Conference, July 26–27, 1990. 1Q91: 88th Meeting of the OPEC Conference, December 12–13, 1990.
12. 2Q91: 3rd Meeting of the Ministerial Monitoring Committee, March 11–12, 1991. Reservations were made by Algeria and IR Iran to the total OPEC production level. 3Q91: 89th Meeting of the OPEC Conference, June 4, 1991.
13. 4Q91: 4th Meeting of the Ministerial Monitoring Committee, September 24–25, 1991. January 1992: 90th Meeting of the OPEC Conference, November 26–27, 1991.
14. February 1992–June 1992: 6th Meeting of the Ministerial Monitoring Committee, February 12–15, 1992. Reservations were made by IR Iran to the total OPEC ceiling and by Saudi Arabia to their allocated production level. 3Q92: 91st Meeting of the OPEC Conference, May 21–22, 1992. Reservations were made by IR Iran to the total OPEC ceiling and by Saudi Arabia to their allocated production level. The Conference also decided to allow for any additional production from Kuwait.
15. 9th Meeting of the Ministerial Monitoring Committee, September 16–17, 1992.
16. 92nd Meeting of the OPEC Conference, November 25–27, 1992, with full support of Member Countries, except Iraq and the allowance of additional volumes to Kuwait as they become available during the 1Q93.
17. March 1993–June 1993: 10th Meeting of the Ministerial Monitoring Committee, February 13–16, 1993, with full support of Member Countries, except Iraq. 3Q93: 93rd Meeting of the OPEC Conference, June 8–10, 1993, with full support of Member Countries, except Iraq and Kuwait.
18. October 1993–March 1994: 94th (Extraordinary) Meeting of the OPEC Conference, September 25–29, 1993, with full support of Member Countries, except Iraq. April 1994–December 1994: 12th Meeting of the Ministerial Monitoring Committee, March 25–26, 1994, with full support of Member Countries, except Iraq. January 1995–December 1995: 97th Meeting of the OPEC Conference, November 21–22, 1994. 1H96: 99th Meeting of the OPEC Conference, November 21–22, 1995.
19. 2H96: 100th Meeting of the OPEC Conference, June 5–7, 1996. The remaining volume of 1.2m b/d is to be supplied by Iraq. 1H97: 101st Meeting of the OPEC Conference, November 27–28, 1996. The remaining volume of 1.2m b/d is to be supplied by Iraq. 2H97: 102nd Meeting of the OPEC Conference, June 25–26, 1997. The remaining volume of 1.2m b/d is to be supplied by Iraq.
20. 103rd Meeting of the OPEC Conference, November 26–December 1, 1997. The remaining volume of 1,314,080 b/d is to be supplied by Iraq.
21. 104th (Extraordinary) Meeting of the OPEC Conference, March 30, 1998. Data reflect temporary production cuts till end 1998. Base: February 1998, OPEC excl Iraq production (26.987m b/d) from selected secondary sources. Iraq is not called upon to participate in this agreement.
22. 105th Meeting of the OPEC Conference, June 24, 1998. Iraq is not called upon to participate in this agreement.
23. 107th Meeting of the OPEC Conference, March 23, 1999. Iraq is not called upon to participate in this agreement.
24. 109th Meeting of the OPEC Conference, March 27–29, 2000. Agreement of nine Member Countries.
25. 110th (Extraordinary) Meeting of the OPEC Conference, June 21, 2000. Iraq is not called upon to participate in this agreement.
26. 111th Meeting of the OPEC Conference, September 10–11, 2000. Iraq is not called upon to participate in this agreement.
27. 111th Meeting of the OPEC Conference, September 10–11, 2000; including additional 500,000 b/d (price band mechanism) as announced by the OPEC President on October 30, 2000 and effective from October 31, 2000. Iraq is not called upon to participate in this agreement.
28. 113th (Extraordinary) Meeting of the OPEC Conference, January 17, 2001. Iraq is not called upon to participate in this agreement.
29. 114th Meeting of the OPEC Conference, March 17, 2001. Iraq is not called upon to participate in this agreement.
30. OPEC Conference, July 25, 2001. Iraq is not called upon to participate in this agreement.
31. 1Q02: Announced during the 118th (Extraordinary) Meeting of the OPEC Conference, November 14, 2001 and confirmed its implementation during the Consultative Meeting of the OPEC Conference in Cairo, December 28, 2001. 2Q02, 3Q02 and 4Q02: Reconfirmed at the 119th, 120th and 121st Meetings of the OPEC Conference March 15, June 26, and September 19, 2002, respectively. Iraq is not called upon to participate in the agreements.
32. 122th (Extraordinary) Meeting of the OPEC Conference, December 12, 2002. Iraq is not called upon to participate in this agreement.
33. 123rd (Extraordinary) Meeting of the OPEC Conference, January 12, 2003. Retained at the 124th Meeting of the OPEC Conference, March 11, 2003. Iraq is not called upon to participate in this agreement.
34. Consultative Meeting of the OPEC Conference, April 24, 2003. Retained at the 125th (Extraordinary) and 126th (Extraordinary) Meetings of the OPEC Conference, June 11, and July 31, 2003, respectively. Iraq is not called upon to participate in this agreement.
35. 127th Meeting of the OPEC Conference, September 24, 2003. Retained at the 128th (Extraordinary) and 129th (Extraordinary) Meetings of the OPEC Conference, December 4, 2003, and February 10, 2004, respectively. Iraq is not called upon to participate in this agreement.
36. 129th (Extraordinary) Meeting of the OPEC Conference, February 10, 2004. Reconfirmed at the 130th Meeting of the OPEC Conference, March 31, 2004. Iraq is not called upon to participate in this agreement.
37. 131st (Extraordinary) Meeting of the OPEC Conference, June 3, 2004. Iraq is not called upon to participate in this agreement.
38. 131st (Extraordinary) Meeting of the OPEC Conference, June 3, 2004. Iraq is not called upon to participate in this agreement.
39. 132nd Meeting of the OPEC Conference, September 15, 2004. Iraq is not called upon to participate in this agreement.

OPEC Members' mid-year population, 1969–2004 (1,000 inhabitants)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	13,338	13,746	14,167	14,604	15,057	15,528	16,018	16,526	17,050
Indonesia	114,779	117,537	120,389	123,360	126,410	129,499	132,589	135,903	139,096
IR Iran	27,982	28,809	29,655	30,526	31,428	32,367	33,353	34,377	35,445
Iraq	9,058	9,356	9,666	10,074	10,413	10,765	11,124	11,505	12,000
Kuwait	690	744	796	845	894	947	1,007	1,074	1,147
SP Libyan AJ	1,906	1,986	2,069	2,156	2,248	2,344	2,446	2,553	2,664
Nigeria	46,767	47,980	49,223	50,505	51,853	53,305	54,886	56,613	58,471
Qatar	101	111	122	134	147	160	171	181	190
Saudi Arabia	5,521	5,745	5,991	6,262	6,561	6,889	7,251	7,647	8,076
United Arab Emirates	197	225	261	307	362	428	505	593	691
Venezuela	10,371	10,721	11,089	11,473	11,874	12,295	12,734	13,195	13,675
OPEC	230,710	236,960	243,428	250,246	257,247	264,527	272,084	280,167	288,505

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	18,050	18,156	18,956	19,564	20,192	20,478	21,510	22,191	22,807
Indonesia	142,204	145,262	148,303	151,305	154,245	157,157	160,075	163,036	166,015
IR Iran	36,597	37,886	39,343	40,980	42,313	44,438	46,201	47,807	49,445
Iraq	12,405	12,821	13,238	13,669	14,110	14,586	15,077	15,585	16,110
Kuwait	1,224	1,301	1,375	1,442	1,504	1,566	1,636	1,720	1,802
SP Libyan AJ	2,782	2,908	3,043	3,189	3,343	3,499	3,648	3,786	3,909
Nigeria	60,416	62,382	64,325	66,226	68,104	69,999	71,965	74,044	76,246
Qatar	200	212	229	251	277	305	334	361	386
Saudi Arabia	8,543	9,052	9,655	10,170	10,782	11,463	12,170	12,795	13,412
United Arab Emirates	796	905	1,015	1,125	1,234	1,342	1,448	1,552	1,653
Venezuela	14,161	14,637	15,091	15,518	15,921	16,314	16,716	17,137	17,584
OPEC	297,378	305,522	314,573	323,439	332,025	341,147	350,780	360,014	369,369

	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	23,446	24,095	24,700	25,324	25,942	26,581	27,299	27,800	28,060
Indonesia	168,990	171,994	175,063	178,232	181,320	184,322	187,232	190,043	192,750
IR Iran	50,662	51,909	53,187	54,496	55,837	56,656	57,488	58,331	59,187
Iraq	16,659	16,451	16,875	17,341	17,856	18,415	19,005	19,606	20,206
Kuwait	1,885	1,969	2,055	2,141	1,363	1,422	1,461	1,620	1,881
SP Libyan AJ	4,019	4,119	4,213	4,306	4,396	4,485	4,572	4,661	4,751
Nigeria	78,560	80,972	83,463	86,018	88,992	91,511	94,100	96,763	99,502
Qatar	409	431	450	467	482	493	503	513	523
Saudi Arabia	13,998	14,551	15,119	15,712	16,185	16,948	17,329	17,720	18,123
United Arab Emirates	1,750	1,845	1,939	2,035	2,131	2,229	2,324	2,414	2,497
Venezuela	18,051	18,532	19,018	19,502	19,981	20,459	20,935	21,411	21,888
OPEC	378,429	386,868	396,082	405,574	414,485	423,521	432,248	440,882	449,368

	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	28,566	29,045	29,507	30,170	30,610	31,040	31,357	31,840	32,081
Indonesia	195,457	198,163	200,867	203,568	205,843	208,437	211,063	213,722	215,415
IR Iran	60,055	60,994	61,842	62,817	63,862	64,907	65,970	67,049	68,146
Iraq	20,801	21,396	21,994	22,601	23,224	23,860	24,510	25,175	25,820
Kuwait	2,016	2,153	2,238	2,274	2,228	2,243	2,363	2,484	2,645
SP Libyan AJ	4,843	4,939	5,036	5,136	5,237	5,340	5,445	5,551	5,790
Nigeria	102,318	105,213	108,191	111,253	114,401	117,639	120,968	124,391	129,912
Qatar	534	546	558	570	581	591	601	610	619
Saudi Arabia	18,537	18,963	19,402	19,891	20,847	21,436	22,044	22,670	23,304
United Arab Emirates	2,572	2,639	2,701	2,761	2,820	2,879	2,937	2,995	3,202
Venezuela	22,367	22,845	23,323	23,800	24,277	24,752	25,226	25,699	26,201
OPEC	458,066	466,896	475,659	484,841	493,930	503,124	512,484	522,187	533,135

Notes: Revisions have been made throughout the time series.

Area, density and GDP per capita in OPEC Members, 2004

	Area ¹ (1,000 sq km)	Density (inhabitants/sq km)	GDP per capita (\$)
Algeria	2,382	13	2,623
Indonesia	1,904	113	1,187
IR Iran	1,648	41	2,480
Iraq	438	59	891
Kuwait	18	147	19,587
SP Libyan AJ	1,760	3	5,013
Nigeria	924	141	549
Qatar	11	56	45,953
Saudi Arabia	2,150	11	10,677
United Arab Emirates	84	38	32,235
Venezuela ²	916	29	4,050
OPEC	12,235	443	2,196³

Notes:

1. Including inland waters.
2. Excluding Esequibo area.
3. Average OPEC.

OPEC Members' GDP at current market prices, 1969–2004 (m \$)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	4,158	4,639	4,789	6,123	8,130	13,294	15,610	17,791	21,039
Indonesia	8,340	9,129	9,389	10,999	16,276	25,806	30,468	37,275	45,816
IR Iran	8,591	9,424	11,890	14,815	23,908	42,333	46,970	60,718	71,343
Iraq	3,304	3,591	4,145	5,356	6,483	12,996	16,095	19,383	23,326
Kuwait	2,769	2,873	3,881	4,451	5,417	13,004	12,017	13,124	14,141
SP Libyan AJ	3,802	3,993	4,566	5,466	7,493	13,116	12,768	16,575	19,466
Nigeria	6,634	12,546	9,182	12,274	15,163	24,847	27,779	36,309	36,035
Qatar	256	276	390	495	655	2,000	2,514	3,284	3,618
Saudi Arabia	4,486	5,014	6,298	9,784	26,846	39,324	46,775	58,089	63,943
United Arab Emirates	480	645	883	1,505	2,855	7,856	9,971	12,936	16,181
Venezuela	10,432	11,755	12,913	14,138	17,060	26,191	27,561	31,496	36,274
OPEC	53,253	63,885	68,327	85,406	130,286	220,768	248,528	306,980	351,182

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	26,442	33,280	42,541	44,424	45,120	48,902	52,983	58,087	63,231
Indonesia	52,452	51,209	72,486	91,841	94,213	87,093	87,638	88,565	88,668
IR Iran	70,078	82,546	91,639	100,658	123,625	149,726	124,874	166,584	198,248
Iraq	27,702	39,565	47,562	32,580	36,777	37,495	42,531	44,204	39,992
Kuwait	15,505	24,842	28,688	25,255	21,586	20,870	21,707	21,446	17,905
SP Libyan AJ	19,213	26,502	36,756	31,755	31,659	30,170	28,251	27,787	22,636
Nigeria	36,528	47,260	64,702	61,129	51,974	35,990	34,800	34,820	22,960
Qatar	4,052	5,634	7,829	8,661	7,597	6,485	6,870	6,153	5,053
Saudi Arabia	73,430	114,798	164,293	183,912	152,961	128,860	119,293	103,869	85,872
United Arab Emirates	15,630	20,941	29,618	32,988	30,618	28,030	27,704	27,023	21,574
Venezuela	39,384	48,395	59,218	66,443	67,854	67,598	60,170	59,869	60,910
OPEC	380,417	494,972	645,333	679,645	663,984	641,219	606,820	638,408	627,049

	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	64,609	56,736	54,930	62,031	45,723	47,853	49,713	41,978	40,723
Indonesia	62,119	71,838	86,116	101,118	119,869	135,419	158,139	176,824	202,066
IR Iran	133,076	122,232	119,597	117,481	119,124	107,335	73,766	105,878	104,763
Iraq	43,702	43,411	48,422	48,657	6,895	8,595	9,048	8,638	10,303
Kuwait	22,368	20,690	24,314	18,399	11,011	20,136	24,197	24,995	27,186
SP Libyan AJ	21,068	23,778	25,167	28,944	32,016	33,926	30,698	29,142	25,557
Nigeria	22,501	25,379	25,709	32,019	29,715	28,061	21,010	23,389	27,742
Qatar	5,446	6,038	6,488	7,360	6,884	7,646	7,157	7,374	8,138
Saudi Arabia	85,582	88,138	95,217	116,622	131,161	136,122	131,975	134,148	147,601
United Arab Emirates	23,699	23,672	27,268	33,653	33,920	35,413	35,519	36,220	37,080
Venezuela	46,860	60,380	38,810	48,450	53,320	60,260	59,690	58,170	77,580
OPEC	531,030	542,290	552,038	614,734	589,637	620,765	600,912	646,757	708,739

	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	45,534	47,792	47,387	48,258	53,435	54,643	55,907	56,221	84,158
Indonesia	227,339	218,989	97,483	139,532	165,573	164,517	198,927	238,443	255,722
IR Iran	107,455	100,877	117,861	104,656	96,440	115,136	117,162	138,073	168,971
Iraq	11,390	12,268	15,210	25,349	33,584	29,319	26,843	12,100	23,000
Kuwait	31,491	30,349	25,941	30,126	37,018	34,076	35,173	41,743	51,804
SP Libyan AJ	27,886	30,705	27,260	30,488	34,613	28,599	19,359	23,632	29,027
Nigeria	34,845	35,386	32,978	37,331	45,737	47,683	46,090	56,900	71,326
Qatar	9,059	11,298	10,255	12,393	17,760	17,741	19,707	20,426	28,451
Saudi Arabia	157,533	164,774	145,773	160,957	188,442	183,021	188,227	214,748	248,813
United Arab Emirates	44,606	49,352	46,471	55,193	70,370	69,390	74,332	87,657	103,215
Venezuela	70,700	88,890	95,800	102,650	121,250	126,150	95,460	85,610	106,120
OPEC	767,838	790,681	662,418	746,933	864,222	870,276	877,186	975,553	1,170,607

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

OPEC Members' values of exports, 1969–2004 (m \$)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	934	1,009	857	1,304	1,887	4,687	4,700	5,259	5,944
Indonesia	854	1,108	1,234	1,777	3,211	7,426	7,102	8,547	10,853
IR Iran	2,100	2,403	3,824	4,041	6,207	21,541	20,181	23,541	24,076
Iraq	1,045	1,098	1,556	1,086	1,942	6,602	8,298	9,273	9,650
Kuwait	1,540	1,655	2,507	2,989	3,810	10,963	9,184	9,846	9,754
SP Libyan AJ	2,164	2,379	2,694	2,938	4,003	8,259	6,834	9,554	11,411
Nigeria	891	1,249	1,886	2,184	3,601	9,684	8,305	10,117	12,367
Qatar	223	240	315	397	628	2,015	1,805	2,211	2,072
Saudi Arabia	2,110	2,424	3,809	5,491	8,985	35,556	29,679	38,287	43,464
United Arab Emirates	407	523	842	1,174	2,156	7,380	7,218	8,891	10,062
Venezuela	3,083	3,169	3,124	3,166	4,891	11,153	8,800	9,299	9,551
OPEC	15,351	17,256	22,648	26,546	41,322	125,265	112,106	134,824	149,202
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	6,326	9,551	13,871	14,396	13,170	12,703	13,592	13,671	8,255
Indonesia	11,643	15,590	23,950	25,165	22,328	21,146	21,888	18,587	14,805
IR Iran	22,476	19,807	12,328	11,821	20,452	21,507	17,087	14,175	7,171
Iraq	11,064	21,572	26,349	10,140	10,033	8,161	9,317	10,409	7,465
Kuwait	10,427	18,404	19,842	16,300	10,961	11,574	12,280	10,597	7,251
SP Libyan AJ	9,895	16,076	21,910	15,571	13,984	12,341	11,148	12,314	7,711
Nigeria	10,445	16,733	25,934	17,837	12,176	10,363	11,849	13,111	5,083
Qatar	2,391	3,789	5,672	5,691	4,343	3,345	4,513	3,419	1,849
Saudi Arabia	40,659	63,428	101,577	112,419	74,219	45,861	37,545	27,476	20,183
United Arab Emirates	9,832	14,801	21,967	21,792	18,224	15,391	15,990	14,764	10,129
Venezuela	9,187	14,317	19,221	20,980	16,590	13,937	15,997	14,438	8,660
OPEC	144,345	214,069	292,621	272,112	216,480	176,328	171,206	152,961	98,561
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	9,470	8,429	10,222	14,707	13,313	12,147	10,864	9,946	11,178
Indonesia	17,206	19,509	22,974	26,807	29,635	33,796	36,607	40,222	47,454
IR Iran	11,916	10,709	13,081	19,305	18,661	19,868	18,080	19,434	18,360
Iraq	9,705	9,609	12,284	10,314	377	518	457	453	496
Kuwait	8,264	7,758	11,476	7,042	1,088	6,572	10,246	11,260	12,780
SP Libyan AJ	7,986	6,673	8,034	13,225	11,234	10,793	8,544	7,865	8,510
Nigeria	7,560	6,877	7,844	13,673	12,264	11,886	11,590	11,319	12,248
Qatar	1,985	2,210	2,687	3,529	3,047	3,736	3,181	3,146	3,481
Saudi Arabia	23,198	24,376	28,369	44,416	47,697	50,287	42,395	42,614	50,041
United Arab Emirates	12,765	12,250	17,596	23,544	24,436	24,756	23,640	27,390	29,176
Venezuela	10,577	10,244	13,286	17,497	15,155	14,185	14,686	16,089	18,457
OPEC	120,631	118,644	147,853	194,058	176,907	188,544	180,290	189,738	212,181
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	14,066	14,657	11,090	12,522	21,650	19,132	18,820	24,105	32,324
Indonesia	50,188	56,297	50,370	51,242	65,407	57,365	59,165	64,109	71,785
IR Iran	22,391	18,381	13,118	21,030	28,345	23,904	28,186	33,788	44,628
Iraq	731	4,602	5,500	13,067	20,380	16,510	13,250	7,990	18,490
Kuwait	14,889	14,222	9,553	12,165	19,436	16,212	15,351	20,675	28,729
SP Libyan AJ	10,155	9,576	6,032	7,961	12,716	11,337	11,487	14,050	20,203
Nigeria	16,142	16,525	11,346	13,227	26,449	17,688	18,573	24,047	35,050
Qatar	3,752	3,791	4,880	7,061	11,424	10,156	10,978	13,193	15,510
Saudi Arabia	60,728	60,732	38,822	50,690	77,481	67,973	72,464	93,245	110,609
United Arab Emirates	33,613	34,014	31,059	36,495	49,878	48,773	52,163	65,826	80,873
Venezuela	23,060	21,624	17,193	20,190	31,413	25,353	25,890	27,170	36,200
OPEC	249,715	254,421	198,963	245,650	364,579	314,403	326,327	388,198	494,401

Note: Totals may not add up due to independent rounding. Revisions have been made throughout the time series. All figures fob.

OPEC Members' values of petroleum exports, 1969–2004 (m \$)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	606	681	614	1,030	1,522	4,267	4,295	4,791	5,562
Indonesia	383	446	565	913	1,609	5,211	5,311	6,004	7,298
IR Iran	1,857	2,358	3,494	3,638	5,617	20,904	19,634	22,923	23,599
Iraq	769	788	1,083	1,027	1,842	6,534	8,227	9,201	9,560
Kuwait	1,476	1,582	2,412	2,834	3,574	10,566	8,593	9,090	8,918
SP Libyan AJ	2,162	2,379	2,693	2,931	3,984	8,257	6,767	9,553	11,394
Nigeria	422	718	1,375	1,803	3,049	8,997	7,744	9,444	11,561
Qatar	222	231	304	382	612	1,979	1,754	2,137	2,055
Saudi Arabia	2,107	2,418	3,803	5,477	8,956	35,476	29,473	38,157	43,308
United Arab Emirates	407	523	842	1,111	1,740	6,327	6,806	8,383	9,258
Venezuela	2,279	2,371	2,882	2,857	4,328	10,548	8,324	8,763	9,110
OPEC	12,689	14,494	20,067	24,003	36,832	119,066	106,927	128,448	141,623

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	5,856	8,746	12,971	13,066	11,149	9,655	9,778	9,668	5,161
Indonesia	7,439	8,871	15,595	18,164	15,493	13,558	12,477	9,083	5,501
IR Iran	21,684	19,186	11,693	10,047	18,690	20,273	15,713	13,012	5,900
Iraq	10,913	21,382	26,096	10,039	9,933	7,816	8,863	10,097	6,905
Kuwait	9,557	17,294	18,935	14,229	9,066	10,069	10,996	9,451	6,378
SP Libyan AJ	9,885	15,941	21,906	14,930	13,692	12,341	10,970	12,132	7,568
Nigeria	9,452	15,624	24,931	17,291	11,883	9,941	11,534	12,568	4,770
Qatar	2,305	3,693	5,372	5,496	4,214	2,993	4,386	3,068	1,720
Saudi Arabia	40,332	62,855	101,421	111,546	73,263	44,829	36,282	25,930	18,060
United Arab Emirates	8,661	12,862	19,390	18,761	15,956	13,016	12,037	10,896	6,865
Venezuela	8,740	13,633	17,562	18,609	15,633	13,857	14,824	12,956	7,178
OPEC	134,823	200,086	275,872	252,177	198,971	158,347	147,861	128,862	76,005

	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	6,555	5,725	6,815	9,588	8,464	7,885	6,902	6,335	6,938
Indonesia	6,157	5,042	6,062	7,404	6,714	6,619	5,693	6,005	6,443
IR Iran	9,400	8,419	11,315	16,831	15,276	15,184	12,773	13,576	14,973
Iraq	9,416	9,312	11,876	9,594	351	482	425	421	461
Kuwait	7,523	6,840	10,432	6,385	874	6,221	9,711	10,459	12,054
SP Libyan AJ	6,293	6,070	6,573	10,715	10,211	9,326	7,689	7,170	7,763
Nigeria	7,024	6,267	7,470	13,265	11,792	11,642	10,859	11,040	11,512
Qatar	1,829	1,709	1,955	3,273	2,828	2,870	2,811	2,623	2,987
Saudi Arabia	20,427	20,205	24,095	40,129	43,607	46,527	38,621	38,138	43,547
United Arab Emirates	7,900	7,627	10,215	14,846	14,356	14,251	12,118	11,683	12,822
Venezuela	9,054	8,158	10,001	13,953	12,302	11,336	10,859	12,292	13,987
OPEC	91,578	85,375	106,809	145,982	126,775	132,343	118,460	119,741	133,486

	1996	1997	1998	1999	2000	2001	2002	2003*	2004*
Algeria	8,826	8,352	5,691	8,314	14,204	11,736	12,370	16,476	23,062
Indonesia	7,879	7,243	4,600	6,580	10,935	8,944	8,583	9,685	11,191
IR Iran	19,441	15,553	10,048	16,098	25,443	21,420	19,219	26,124	34,289
Iraq	680	4,280	5,111	12,104	19,771	15,685	12,593	7,519	17,751
Kuwait	14,132	13,468	8,472	11,026	18,185	14,980	14,060	19,005	26,363
SP Libyan AJ	9,543	8,905	5,612	7,734	12,230	10,875	10,482	13,567	18,653
Nigeria	14,888	14,391	8,754	12,453	20,040	17,188	17,083	22,184	32,337
Qatar	3,489	3,744	3,357	4,775	7,834	6,964	6,885	8,814	11,694
Saudi Arabia	54,272	53,343	32,569	44,880	70,866	59,788	63,815	82,271	106,189
United Arab Emirates	14,980	15,269	11,131	15,021	26,148	22,414	21,768	25,153	38,099
Venezuela	19,659	18,140	12,007	16,465	26,629	20,047	20,337	18,756	29,379
OPEC	167,790	162,687	107,351	155,449	252,285	210,041	207,194	249,553	349,008

Notes: Totals may not add up due to independent rounding. Where applicable, petroleum product exports are included. Data for some countries may include condensates, as well as other NGLs. Iraq excluding border trades. Some countries import substantial amounts of crude and products, resulting in lower net revenue from petroleum operations.

OPEC Members' values of imports, 1969–2004 (m \$)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	1,009	1,257	1,227	1,494	2,236	4,035	5,498	5,081	7,125
Indonesia	781	1,002	1,103	1,562	2,729	3,842	4,770	5,673	6,230
IR Iran	1,527	1,662	1,873	2,409	3,393	5,433	10,343	12,894	14,070
Iraq	440	509	701	705	893	2,619	4,832	3,897	5,029
Kuwait	646	625	652	797	1,049	1,554	2,388	3,327	4,846
SP Libyan AJ	676	554	703	1,043	1,806	2,762	3,542	3,212	3,773
Nigeria	696	1,059	1,514	1,505	1,862	2,763	6,047	8,217	11,006
Qatar	53	64	109	141	195	271	413	817	1,225
Saudi Arabia	735	710	817	1,136	1,942	2,859	4,214	8,694	14,656
United Arab Emirates	307	267	309	482	821	1,705	2,669	3,327	5,047
Venezuela	1,720	1,869	2,103	2,463	2,812	4,148	6,000	7,663	10,938
OPEC	8,590	9,578	11,112	13,736	19,737	31,992	50,715	62,802	83,946
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	8,548	8,403	10,559	11,303	10,754	10,415	10,293	9,859	10,832
Indonesia	6,690	7,203	10,834	13,272	16,859	16,352	13,882	10,259	10,718
IR Iran	13,550	9,738	13,427	16,016	14,345	18,027	14,729	12,006	10,585
Iraq	5,480	7,257	8,707	20,735	21,534	12,166	11,078	10,556	10,190
Kuwait	4,598	5,201	6,533	6,969	8,285	7,375	6,896	6,005	5,717
SP Libyan AJ	4,602	5,311	6,777	8,382	7,175	6,029	6,222	4,101	4,173
Nigeria	12,929	12,398	16,643	21,049	15,999	12,307	9,393	8,890	4,274
Qatar	1,185	1,424	1,447	1,518	1,947	1,456	1,162	1,139	1,099
Saudi Arabia	20,347	24,256	30,165	35,268	40,653	39,196	33,696	23,620	19,111
United Arab Emirates	5,365	6,953	8,631	9,807	8,762	7,843	6,571	6,537	6,806
Venezuela	11,767	10,670	11,827	13,106	12,944	6,419	7,774	8,106	8,504
OPEC	95,061	98,814	125,549	157,424	159,256	137,586	121,696	101,078	92,007
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	8,241	13,421	15,909	15,469	10,790	11,461	11,549	11,916	12,688
Indonesia	12,532	13,831	16,310	21,455	24,834	26,773	28,376	32,322	40,921
IR Iran	12,005	10,608	13,448	18,330	25,190	23,274	19,287	12,617	12,774
Iraq	7,415	10,268	9,899	6,526	423	603	533	499	665
Kuwait	5,495	6,145	6,301	3,972	4,761	7,257	7,038	6,697	7,784
SP Libyan AJ	4,303	5,868	4,923	5,336	5,363	5,051	5,551	4,323	5,147
Nigeria	4,465	5,533	4,187	5,627	8,986	8,275	5,537	6,613	8,222
Qatar	1,134	1,267	1,326	1,695	1,720	2,015	1,891	1,927	3,398
Saudi Arabia	20,110	21,784	21,153	24,107	29,088	33,273	28,202	23,351	28,088
United Arab Emirates	7,080	8,522	10,010	11,199	13,746	17,410	19,520	21,024	20,984
Venezuela	9,659	12,726	7,803	7,335	11,147	14,066	12,511	9,187	12,650
OPEC	92,438	109,973	111,268	121,049	136,047	149,458	139,995	130,476	153,320
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	11,135	10,517	10,517	9,164	9,201	9,940	11,422	12,916	18,960
Indonesia	44,240	46,223	31,942	30,598	40,365	34,668	35,652	39,546	50,554
IR Iran	14,989	14,123	14,286	13,433	15,207	18,194	21,180	27,676	34,872
Iraq	3,532	4,419	5,983	10,917	13,210	13,382	9,291	7,832	19,814
Kuwait	8,373	8,246	8,616	7,616	7,156	7,828	9,000	10,985	12,005
SP Libyan AJ	5,587	5,533	5,600	4,253	4,018	4,425	5,511	6,141	7,599
Nigeria	6,438	9,501	9,211	8,588	8,721	11,586	7,547	14,873	19,152
Qatar	2,868	3,322	3,409	2,499	3,252	3,758	4,052	4,897	5,390
Saudi Arabia	27,764	28,743	30,013	27,994	30,197	31,182	32,290	36,915	44,517
United Arab Emirates	22,638	29,952	24,728	33,231	35,009	37,293	42,652	51,955	61,474
Venezuela	9,880	14,607	15,818	14,064	16,213	18,323	12,963	9,298	15,000
OPEC	157,445	175,186	160,123	162,357	182,549	190,578	191,560	223,035	289,338

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series. All figures cif.

Estimated OPEC Members' current account balances, 1969–2004 (m \$)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	-208	-126	42	-125	-445	176	-1,658	-882	-2,325
Indonesia	-336	-310	-373	-333	-475	597	-1,109	-908	-50
IR Iran	-539	-507	-118	-389	155	12,267	4,708	7,660	2,816
Iraq	183	105	196	547	801	2,618	2,705	2,495	2,988
Kuwait	939	1,214	1,806	2,006	2,583	9,066	5,930	6,929	4,561
SP Libyan AJ	328	645	783	238	67	2,700	392	2,845	2,159
Nigeria	-316	-368	-406	-343	-9	4,898	42	-357	-1,016
Qatar	149	148	162	200	346	1,720	1,190	997	585
Saudi Arabia	-86	71	972	2,089	2,520	23,025	14,385	14,360	11,991
United Arab Emirates	-7	131	397	399	643	4,150	3,361	3,419	1,886
Venezuela	-220	-104	-11	-101	877	5,760	2,171	254	-3,179
OPEC	-113	899	3,449	4,188	7,063	66,977	32,117	36,811	20,416
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	-3,540	-1,632	249	90	-183	-85	74	1,015	-2,230
Indonesia	-1,414	980	3,011	-566	-5,324	-6,338	-1,856	-1,923	-3,911
IR Iran	104	11,968	-2,438	-3,446	5,733	358	-414	-476	-5,155
Iraq	4,087	11,117	14,710	-9,905	-11,679	-2,051	-730	-488	-942
Kuwait	6,130	14,032	15,302	13,699	4,963	5,311	6,428	4,798	5,616
SP Libyan AJ	738	3,771	8,214	-3,964	-1,560	-1,643	-1,457	1,906	-155
Nigeria	-3,754	1,671	5,178	-6,474	-7,282	-4,332	123	2,604	-2,142
Qatar	923	1,288	2,647	2,384	1,124	410	830	549	-189
Saudi Arabia	-2,212	10,206	42,758	41,128	7,573	-16,850	-18,401	-12,935	-11,795
United Arab Emirates	1,692	5,255	10,069	9,207	7,001	5,257	7,463	6,946	2,370
Venezuela	-5,735	350	4,728	4,000	-4,246	4,427	4,651	3,327	-2,245
OPEC	-2,981	59,005	104,427	46,153	-3,879	-15,537	-3,289	5,323	-20,778
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	141	-2,040	-1,081	1,420	2,367	1,020	362	-1,820	-2,305
Indonesia	-2,269	-1,552	-1,280	-3,240	-4,392	-3,122	-2,298	-2,961	-6,760
IR Iran	-2,090	-1,869	-191	327	-9,448	-6,504	-4,215	4,950	3,358
Iraq	2,400	2,194	3,232	3,801	-1,304	-2,146	-1,624	-962	-762
Kuwait	4,561	4,602	9,136	3,886	-26,479	-450	2,499	3,243	5,016
SP Libyan AJ	-1,036	-1,826	-1,026	2,201	-219	1,407	-1,366	26	1,650
Nigeria	-74	-1,134	1,255	2,474	1,449	-482	-884	-2,390	-2,645
Qatar	-132	-261	-4	306	-100	-9	-659	-502	-2,160
Saudi Arabia	-9,775	-7,341	-9,552	-4,153	-27,637	-17,739	-17,269	-10,487	-5,326
United Arab Emirates	4,086	2,533	4,549	5,230	1,634	3,043	2,066	846	2,178
Venezuela	-1,390	-5,809	2,161	8,279	1,736	-3,749	-1,993	2,541	2,014
OPEC	-5,577	-12,503	7,199	20,532	-62,393	-28,731	-25,381	-7,515	-5,742
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	1,190	3,210	-920	300	9,143	7,025	4,583	7,030	10,168
Indonesia	-7,801	-5,202	4,097	5,783	7,992	6,901	7,822	8,156	2,878
IR Iran	5,232	2,213	-2,139	6,589	12,645	5,962	3,585	2,059	8,743
Iraq	-22	1,672	552	-125	1,750	-1,777	-1	984	-1,827
Kuwait	7,107	7,935	2,215	5,010	14,671	8,329	4,250	9,415	18,884
SP Libyan AJ	1,220	1,550	-351	2,136	7,745	3,682	123	3,641	7,451
Nigeria	3,439	502	-4,315	502	7,015	2,171	577	8,152	10,298
Qatar	-1,246	-1,679	-455	2,171	4,576	4,152	3,129	4,176	8,084
Saudi Arabia	680	306	-13,148	411	14,317	9,353	11,873	28,048	44,200
United Arab Emirates	4,344	5,174	894	898	12,158	9,597	3,409	7,548	12,943
Venezuela	8,914	3,732	-4,432	1,837	12,106	2,062	7,423	11,448	14,575
OPEC	23,056	19,412	-18,003	25,512	104,118	57,456	46,774	90,657	136,397

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

Annual average exchange rates for OPEC Members, 1969–2004 (units of national currency/\$)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	4.937	4.937	4.913	4.481	3.963	4.181	3.949	4.164	4.147
Indonesia	326.000	362.833	391.875	415.000	415.000	415.000	415.000	415.000	415.000
IR Iran ¹	75.750	75.750	75.750	75.750	68.882	67.625	67.639	70.222	70.617
Iraq ²	0.357	0.357	0.354	0.333	0.303	0.295	0.295	0.295	0.295
Kuwait	0.357	0.357	0.356	0.329	0.297	0.293	0.290	0.292	0.287
SP Libyan AJ	0.357	0.357	0.356	0.329	0.300	0.296	0.296	0.296	0.296
Nigeria ³	0.714	0.714	0.713	0.658	0.658	0.630	0.616	0.627	0.645
Qatar	4.762	4.762	4.748	4.386	3.996	3.947	3.931	3.963	3.959
Saudi Arabia	4.500	4.500	4.487	4.145	3.707	3.550	3.518	3.530	3.525
United Arab Emirates	4.762	4.762	4.748	4.386	3.996	3.959	3.961	3.953	3.903
Venezuela	4.450	4.450	4.447	4.400	4.305	4.285	4.285	4.290	4.293

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	3.966	3.853	3.837	4.316	4.592	4.789	4.983	5.028	4.702
Indonesia	442.045	623.055	626.994	631.757	661.421	909.265	1,025.940	1,110.580	1,282.560
IR Iran ¹	70.475	70.475	70.615	78.328	83.603	86.358	90.030	91.052	78.760
Iraq ²	0.295	0.295	0.295	0.295	0.299	0.311	0.311	0.311	0.311
Kuwait	0.275	0.276	0.270	0.279	0.288	0.291	0.296	0.301	0.291
SP Libyan AJ	0.296	0.296	0.296	0.296	0.296	0.296	0.296	0.296	0.315
Nigeria ³	0.635	0.604	0.547	0.618	0.673	0.724	0.767	0.894	1.755
Qatar	3.877	3.773	3.657	3.640	3.640	3.640	3.640	3.640	3.640
Saudi Arabia	3.400	3.361	3.327	3.383	3.428	3.455	3.524	3.622	3.703
United Arab Emirates	3.871	3.816	3.707	3.671	3.671	3.671	3.671	3.671	3.671
Venezuela	4.293	4.293	4.293	4.293	4.293	4.297	7.017	7.500	8.083

	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	4.850	5.915	7.609	8.958	18.473	21.836	23.345	35.059	47.663
Indonesia	1,643.850	1,685.700	1,770.060	1,842.810	1,950.320	2,029.920	2,087.100	2,160.750	2,248.610
IR Iran ¹	144.910	177.970	226.000	304.347	408.587	600.000	1,267.770	1,748.750	1,747.930
Iraq ²	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311
Kuwait	0.279	0.279	0.294	0.288	0.284	0.293	0.302	0.297	0.298
SP Libyan AJ	0.297	0.286	0.300	0.283	0.281	0.282	0.304	0.348	0.418
Nigeria ³	4.016	4.537	7.365	8.038	9.909	17.298	22.065	21.996	21.895
Qatar	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640
Saudi Arabia	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745
United Arab Emirates	3.671	3.671	3.671	3.671	3.671	3.671	3.671	3.671	3.671
Venezuela	14.500	14.500	34.682	46.901	56.816	68.376	90.826	148.503	176.842

	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	54.749	57.707	58.739	66.574	75.260	77.215	79.682	77.395	72.061
Indonesia	2,342.300	2,909.380	10,013.600	7,855.150	8,421.770	10,260.800	9,311.190	8,577.130	8,938.850
IR Iran ¹	1,750.760	1,752.920	1,751.860	1,752.930	1,764.430	1,753.560	6,906.960	8,193.890	8,613.990
Iraq ²	0.311	0.311	0.311	0.311	0.311	0.311	0.311	na	na
Kuwait	0.299	0.303	0.305	0.304	0.307	0.307	0.304	0.298	0.295
SP Libyan AJ	0.437	0.461	0.468	0.464	0.512	0.605	1.271	1.293	1.305
Nigeria ³	21.884	21.886	21.886	92.338	101.697	111.231	120.578	129.222	132.888
Qatar	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640
Saudi Arabia	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745
United Arab Emirates	3.671	3.671	3.673	3.673	3.673	3.673	3.673	3.673	3.673
Venezuela	417.332	488.635	547.556	605.717	679.960	723.666	1,160.950	1,606.960	1,891.330

Notes: Conversions to the dollar are based on annual average market exchange rates; otherwise, official rates are applied.

- From 1987–92, the rates apply to a trade-weighted average of floating, competitive and basic official exchange rates, as given by the World Bank. In May 1995, a rate of IR 3,000/\$ was introduced applicable to exports. In March 2002, a unified exchange rate replaced the dual foreign exchange rate system.
- The parallel market rate was ID 1,100/\$ in 1995; ID 2,500/\$ in 1996; ID 2,300/\$ in 1997; ID 2,200/\$ in 1998; ID 2,100/\$ in 1999; ID 2,000/\$ in 2000; ID 1,900/\$ in 2001; ID 2,000/\$ in 2002; and ID 2,100/\$ in 2003.
- The autonomous market rate was N 82.3/\$ in 1995; N 81/\$ in 1996; N 83.5/\$ in 1997; and N 85.25/\$ in 1998. In January 1999, the dual exchange rate system was abolished.

OPEC proven crude oil reserves, 1969–2004 (m b)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	8,000	8,098	9,840	9,750	7,640	7,700	7,370	6,800	6,600
Indonesia	9,000	10,000	10,400	10,005	10,500	15,000	14,523	13,973	13,357
IR Iran	55,000	60,000	58,344	65,000	62,861	66,000	64,500	63,000	62,000
Iraq	27,500	32,000	35,990	29,000	31,500	35,000	34,300	34,000	34,500
Kuwait	74,500	79,950	78,198	72,900	72,750	81,450	71,200	70,550	70,100
SP Libyan AJ	28,866	27,655	26,648	25,829	25,036	24,481	23,942	23,236	22,484
Nigeria	5,000	9,300	11,680	15,000	20,000	20,900	20,200	19,445	18,700
Qatar	5,500	4,300	6,000	7,000	6,500	6,000	5,850	5,700	5,600
Saudi Arabia	146,500	141,350	139,609	146,000	143,227	173,150	170,567	167,428	164,070
United Arab Emirates	17,000	12,783	20,502	22,768	25,500	33,920	32,200	31,200	32,425
Venezuela	14,750	14,000	13,762	13,919	13,812	18,567	18,398	18,228	18,039
OPEC	391,616	399,436	410,973	417,171	419,326	482,168	463,051	453,560	447,876
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	6,300	8,440	8,200	8,080	9,440	9,220	9,000	8,820	8,800
Indonesia	12,761	12,180	11,603	11,018	10,534	10,080	9,611	9,180	9,000
IR Iran	60,088	58,833	58,296	57,020	56,148	55,257	58,874	59,000	92,860
Iraq	32,100	31,000	30,000	32,000	59,000	65,000	65,000	65,000	72,000
Kuwait	69,440	68,530	67,930	67,730	67,150	67,000	92,710	92,464	94,522
SP Libyan AJ	21,761	20,999	20,330	22,600	22,186	21,784	21,425	21,300	22,800
Nigeria	18,200	17,400	16,700	16,500	16,750	16,550	16,650	16,600	16,066
Qatar	4,000	3,760	3,585	3,450	3,425	3,330	4,500	4,500	4,500
Saudi Arabia	168,940	166,480	168,030	167,850	165,484	168,848	171,710	171,490	169,744
United Arab Emirates	31,316	29,411	30,410	32,176	32,354	32,340	32,490	32,990	97,203
Venezuela	18,228	18,523	19,530	19,888	24,900	25,887	28,028	54,454	55,521
OPEC	443,134	435,556	434,614	438,312	467,371	475,295	509,998	535,798	643,016
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	8,564	9,200	9,236	9,200	9,200	9,200	9,200	9,979	9,979
Indonesia	9,000	9,000	5,114	5,415	5,909	5,598	5,167	4,980	4,980
IR Iran	92,860	92,860	92,860	92,850	92,860	92,860	92,860	94,300	93,700
Iraq	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Kuwait	94,525	94,525	97,125	97,025	96,500	96,500	96,500	96,500	96,500
SP Libyan AJ	22,800	22,800	22,800	22,800	22,800	22,800	22,800	22,800	29,500
Nigeria	15,980	16,000	16,000	17,100	20,000	20,991	20,991	20,991	20,828
Qatar	4,500	4,500	4,500	2,993	2,993	3,121	3,121	3,500	3,700
Saudi Arabia	169,585	254,989	260,050	260,342	260,936	261,203	261,355	261,374	261,450
United Arab Emirates	98,105	98,105	98,105	98,100	98,100	98,100	98,100	98,100	98,100
Venezuela	58,101	58,505	59,040	60,054	62,649	63,330	64,448	64,877	66,329
OPEC	674,020	760,484	764,830	765,879	771,947	773,702	774,541	777,400	785,066
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	10,800	11,200	11,314	11,314	11,314	11,314	11,314	11,800	11,350
Indonesia	4,980	4,867	5,100	5,201	5,123	5,095	4,722	4,320	4,301
IR Iran	92,600	92,600	93,700	93,100	99,530	99,080	130,690	133,250	132,460
Iraq	112,000	112,500	112,500	112,500	112,500	115,000	115,000	115,000	115,000
Kuwait	96,500	96,500	96,500	96,500	96,500	96,500	96,500	99,000	101,500
SP Libyan AJ	29,500	29,500	29,500	29,500	36,000	36,000	36,000	39,126	39,126
Nigeria	20,828	20,828	22,500	29,000	29,000	31,506	34,349	35,255	35,876
Qatar	3,700	3,700	3,700	3,700	13,157	15,207	15,207	15,207	15,207
Saudi Arabia	261,444	261,541	261,542	262,784	262,766	262,697	262,790	262,730	264,310
United Arab Emirates	97,800	97,800	97,800	97,800	97,800	97,800	97,800	97,800	97,800
Venezuela	72,667	74,931	76,108	76,848	76,848	77,685	77,307	77,226	79,729
OPEC	802,819	805,967	810,264	818,247	840,538	847,884	881,679	890,714	896,659

Notes: Figures as at year-end. Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

World proven crude oil reserves by region, 1969–2004 (m b)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	38,413.9	49,751.3	46,511.3	46,539.4	44,724.0	43,650.0	39,782.1	37,142.2	35,486.4
Latin America	29,179.0	26,170.8	30,485.8	31,367.8	29,458.3	30,548.3	36,072.0	32,572.7	40,223.0
Eastern Europe	61,000.0	61,014.0	58,796.0	55,921.0	52,339.0	59,341.0	61,878.0	62,900.0	62,000.0
Western Europe	2,433.0	6,926.0	9,626.0	10,555.0	17,489.5	25,726.0	25,639.7	24,857.8	27,594.5
Middle East	332,847.0	336,221.0	346,377.4	350,046.0	349,950.9	403,358.2	387,071.0	380,169.4	376,766.3
Africa	48,384.8	51,107.0	54,634.6	59,487.2	61,569.1	60,479.1	59,085.7	55,019.1	53,718.0
Asia and Pacific	15,692.3	17,262.1	24,853.2	25,105.2	27,123.0	31,423.5	33,313.0	35,613.9	34,889.7
Total world	527,950.0	548,452.2	571,284.3	579,021.6	582,653.8	654,526.1	642,841.5	628,275.1	630,677.8
OPEC	391,616.0	399,436.0	410,973.4	417,171.0	419,326.4	482,168.0	463,050.6	453,560.0	447,875.6
OPEC percentage	74.2	72.8	71.9	72.0	72.0	73.7	72.0	72.2	71.0

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	33,803.8	36,610.0	36,610.5	35,409.0	34,547.0	34,167.7	34,415.2	34,176.4	32,829.2
Latin America	41,488.5	57,129.5	74,032.5	84,186.7	89,526.7	90,715.7	92,883.7	118,528.9	119,118.8
Eastern Europe	61,438.0	62,878.0	65,800.0	65,695.0	65,384.0	65,255.0	64,662.0	64,233.0	62,135.0
Western Europe	24,415.0	23,837.4	22,761.0	22,332.7	21,340.3	21,984.8	22,578.8	22,066.6	19,822.1
Middle East	370,715.0	362,655.3	362,910.0	365,244.0	388,591.6	397,053.3	431,005.8	431,427.7	537,183.6
Africa	52,883.6	53,221.3	52,468.2	56,353.6	57,876.8	57,309.4	56,255.2	56,199.6	57,264.6
Asia and Pacific	35,747.5	33,202.5	33,305.0	33,994.0	34,045.0	35,382.9	36,309.0	37,096.0	37,087.4
Total world	620,491.4	629,534.0	647,887.2	663,215.0	691,311.4	701,868.8	738,109.7	763,728.2	865,440.7
OPEC	443,133.5	435,556.2	434,614.2	438,311.6	467,370.8	475,295.0	509,998.0	535,797.8	643,015.9
OPEC percentage	71.4	69.2	67.1	66.1	67.6	67.7	69.1	70.2	74.3

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	33,169.4	32,958.5	32,400.8	31,839.1	29,973.6	28,838.1	27,992.5	27,355.5	27,244.6
Latin America	121,915.0	121,956.6	121,498.7	122,745.7	125,506.2	130,182.5	131,354.1	131,316.8	132,375.7
Eastern Europe	60,369.5	59,787.6	59,591.8	58,568.0	58,534.0	58,952.8	58,931.6	58,968.4	58,960.8
Western Europe	17,187.8	17,845.5	16,892.1	16,890.4	16,950.4	17,385.1	17,877.3	19,785.6	20,990.4
Middle East	566,768.3	655,829.6	663,348.2	662,018.9	662,460.8	663,307.0	663,485.0	665,765.6	665,394.4
Africa	57,063.2	57,838.6	58,022.9	58,648.7	59,987.5	60,842.1	60,841.1	63,511.1	70,877.1
Asia and Pacific	37,716.3	38,249.0	33,674.6	34,228.4	35,272.3	35,444.6	36,366.8	35,851.1	35,701.1
Total world	894,189.5	984,465.4	985,429.1	984,939.2	988,684.8	994,952.2	996,848.4	1,002,554.1	1,011,544.1
OPEC	674,020.0	760,484.0	764,829.9	765,879.0	771,947.0	773,702.3	774,541.4	777,400.2	785,065.7
OPEC percentage	75.4	77.2	77.6	77.8	78.1	77.8	77.7	77.5	77.6

	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	26,856.2	27,476.8	25,910.8	26,468.8	26,900.9	27,101.1	27,167.0	27,200.0	26,191.0
Latin America	138,791.1	140,889.3	123,838.2	125,714.6	122,202.6	124,593.0	117,529.0	117,045.2	118,952.2
Eastern Europe	67,365.6	67,373.9	73,714.4	77,132.7	79,558.7	81,431.4	87,408.5	90,433.5	91,467.5
Western Europe	18,540.4	18,751.4	18,348.3	18,885.1	19,250.6	19,410.3	18,403.5	18,037.6	17,391.6
Middle East	675,946.4	676,600.3	677,606.2	678,536.9	694,578.9	698,638.3	730,102.3	735,083.3	739,135.6
Africa	73,451.6	73,811.5	76,178.5	84,258.4	92,415.2	95,876.5	103,859.3	111,205.2	111,645.6
Asia and Pacific	35,992.2	36,949.7	39,027.3	38,890.8	39,477.5	39,711.9	39,836.5	39,416.7	39,229.7
Total world	1,036,943.5	1,041,852.9	1,034,623.7	1,049,887.3	1,074,384.4	1,086,762.6	1,124,306.1	1,138,421.5	1,144,013.1
OPEC	802,818.7	805,967.0	810,264.3	818,247.0	840,537.7	847,883.6	881,678.8	890,713.8	896,659.1
OPEC percentage	77.4	77.4	78.3	77.9	78.2	78.0	78.4	78.2	78.4

Notes: Figures as at year-end. Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

OPEC proven natural gas reserves, 1969–2004 (billion standard cu m)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	3,952	3,944	3,935	3,922	3,907	3,886	3,867	3,846	3,822
Indonesia	142	142	147	156	283	425	510	644	697
IR Iran	2,832	6,061	6,030	5,993	7,647	9,346	9,332	9,346	14,160
Iraq	617	611	623	708	701	779	770	765	793
Kuwait	1,154	1,190	1,174	1,156	1,138	1,122	1,109	1,099	1,088
SP Libyan AJ	850	850	835	820	806	791	779	766	749
Nigeria	142	170	1,133	1,133	1,133	1,274	1,255	1,246	1,224
Qatar	205	205	230	230	225	220	1,350	1,380	1,660
Saudi Arabia	1,612	1,596	1,586	1,561	1,555	1,664	2,023	1,986	2,478
United Arab Emirates	297	291	312	368	425	651	650	638	637
Venezuela	732	765	719	1,100	1,073	1,171	1,174	1,180	1,185
OPEC	12,534	15,823	16,724	17,146	18,892	21,329	22,818	22,896	28,493
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	3,796	3,764	3,721	3,678	3,613	3,531	3,442	3,349	3,259
Indonesia	685	850	822	864	960	1,189	1,699	1,982	2,265
IR Iran	14,160	14,121	14,101	14,085	14,069	14,045	14,016	13,986	13,955
Iraq	787	779	777	773	816	821	818	821	821
Kuwait	1,078	1,067	1,054	1,046	1,040	1,036	1,038	1,037	1,167
SP Libyan AJ	729	708	685	665	653	640	628	626	728
Nigeria	1,203	1,183	1,161	1,147	1,385	1,370	1,355	1,340	2,400
Qatar	1,700	1,700	2,800	2,830	3,145	3,400	4,280	4,440	4,440
Saudi Arabia	2,730	2,711	3,183	3,346	3,432	3,544	3,608	3,687	4,021
United Arab Emirates	640	626	2,370	2,529	2,973	3,049	3,108	3,148	5,414
Venezuela	1,193	1,247	1,262	1,365	1,471	1,562	1,666	1,735	2,622
OPEC	28,702	28,756	31,937	32,328	33,557	34,188	35,658	36,151	41,092
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	3,163	3,234	3,250	3,300	3,626	3,650	3,700	2,963	3,690
Indonesia	2,367	2,561	2,553	2,864	1,840	1,820	1,820	1,820	1,950
IR Iran	13,922	14,200	17,000	17,003	19,800	20,700	20,700	20,764	19,350
Iraq	1,000	2,690	3,115	3,107	3,100	3,100	3,100	3,115	3,360
Kuwait	1,205	1,378	1,400	1,518	1,511	1,495	1,492	1,499	1,494
SP Libyan AJ	727	827	1,218	1,208	1,309	1,299	1,289	1,310	1,313
Nigeria	2,407	2,476	2,832	2,840	3,400	3,716	3,683	3,450	3,474
Qatar	4,440	4,621	4,620	4,615	6,428	6,713	7,070	7,070	8,500
Saudi Arabia	4,190	5,020	5,218	5,223	5,221	5,249	5,249	5,260	5,545
United Arab Emirates	5,684	5,663	5,650	5,623	5,793	5,795	5,795	6,777	5,859
Venezuela	2,838	2,856	2,993	3,429	3,582	3,693	3,693	3,965	4,065
OPEC	41,943	45,526	49,849	50,729	55,609	57,230	57,591	57,993	58,599
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	3,700	4,077	4,077	4,520	4,523	4,523	4,523	4,545	4,545
Indonesia	2,050	2,152	2,181	2,620	2,682	2,603	2,557	2,557	2,769
IR Iran	23,000	23,000	24,100	22,370	26,600	26,600	26,690	27,570	27,500
Iraq	3,360	3,188	3,188	3,285	3,109	3,109	3,190	3,170	3,170
Kuwait	1,489	1,490	1,482	1,482	1,557	1,557	1,557	1,572	1,572
SP Libyan AJ	1,313	1,315	1,315	1,314	1,314	1,314	1,503	1,491	1,491
Nigeria	3,475	3,483	3,512	3,512	4,106	4,633	4,997	5,055	5,229
Qatar	8,500	8,500	10,900	11,157	14,443	25,783	25,783	25,783	25,783
Saudi Arabia	5,693	5,882	6,068	6,146	6,301	6,456	6,646	6,754	6,834
United Arab Emirates	5,784	6,063	5,996	5,936	6,060	6,060	6,060	6,060	6,060
Venezuela	4,052	4,121	4,147	4,152	4,152	4,180	4,181	4,219	4,287
OPEC	62,416	63,271	66,966	66,494	74,847	86,817	87,687	88,776	89,240

Notes: Figures as at year-end. Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

World proven natural gas reserves by region, 1969–2004 (billion standard cu m)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	9,261	9,745	9,465	9,130	8,650	8,321	8,091	7,693	7,552
Latin America	1,733	1,873	1,813	2,247	2,209	2,474	2,430	2,413	2,950
Eastern Europe	9,764	12,463	15,943	19,166	18,904	20,283	20,559	22,568	22,391
Western Europe	3,758	3,844	4,050	4,291	4,767	4,962	4,946	4,877	4,821
Middle East	6,810	10,172	10,174	10,236	11,907	14,046	15,511	15,486	21,140
Africa	5,146	5,177	6,202	6,216	6,188	6,291	6,239	6,195	6,130
Asia and Pacific	1,575	1,597	1,889	3,128	3,484	3,768	4,022	4,173	4,242
Total world	38,047	44,871	49,536	54,414	56,108	60,146	61,799	63,405	69,226
OPEC	12,534	15,823	16,724	17,146	18,892	21,329	22,818	22,896	28,493
OPEC percentage	32.9	35.3	33.8	31.5	33.7	35.5	36.9	36.1	41.2

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	7,594	8,114	8,132	8,205	8,270	8,262	8,205	8,285	8,210
Latin America	3,151	4,120	4,598	5,039	5,166	5,280	5,408	5,652	6,546
Eastern Europe	23,460	26,147	30,897	33,380	35,630	36,495	37,975	40,527	41,548
Western Europe	4,643	4,563	4,464	5,088	5,018	5,278	5,377	5,358	5,406
Middle East	21,440	21,405	24,700	25,027	25,907	26,405	27,385	27,704	30,428
Africa	6,063	5,984	5,872	6,019	6,395	6,383	6,235	6,143	7,379
Asia and Pacific	4,359	4,910	5,607	5,792	6,269	6,792	7,750	8,321	9,396
Total world	70,710	75,242	84,270	88,551	92,655	94,894	98,335	101,991	108,912
OPEC	28,702	28,756	31,937	32,328	33,557	34,188	35,658	36,151	41,092
OPEC percentage	40.6	38.2	37.9	36.5	36.2	36.0	36.3	35.4	37.7

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	8,047	7,451	7,465	7,521	7,442	7,345	6,832	6,538	6,606
Latin America	7,030	7,099	7,109	7,538	7,656	7,839	7,935	7,868	7,932
Eastern Europe	42,204	42,974	52,436	54,926	55,755	56,743	56,728	58,806	58,005
Western Europe	5,353	5,260	5,232	5,439	5,585	5,640	5,620	5,781	5,843
Middle East	31,193	34,359	37,864	38,014	43,138	44,432	44,940	46,008	45,635
Africa	7,370	7,684	8,466	8,524	9,603	9,947	10,188	9,223	9,923
Asia and Pacific	9,711	9,982	10,559	11,014	10,535	11,397	12,786	12,362	12,340
Total world	110,908	114,808	129,131	132,977	139,715	143,342	145,028	146,586	146,283
OPEC	41,943	45,526	49,849	50,729	55,609	57,230	57,591	57,993	58,599
OPEC percentage	37.8	39.7	38.6	38.1	39.8	39.9	39.7	39.6	40.1

	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	6,556	6,545	6,393	6,460	6,708	6,889	6,959	6,966	6,956
Latin America	7,978	8,075	7,291	7,746	7,814	7,919	7,649	7,599	7,859
Eastern Europe	57,268	57,709	57,250	56,624	56,562	56,714	56,900	56,782	57,511
Western Europe	6,520	7,161	7,152	7,128	7,050	6,953	6,666	6,263	6,303
Middle East	49,467	49,795	53,406	52,053	59,811	71,375	71,738	72,760	72,896
Africa	10,173	10,635	10,793	11,440	12,463	13,232	13,881	13,992	14,298
Asia and Pacific	12,355	12,543	12,896	13,622	13,538	13,906	14,583	15,524	15,894
Total world	150,317	152,462	155,181	155,073	163,946	176,988	178,375	179,886	181,717
OPEC	62,416	63,271	66,966	66,494	74,847	86,817	87,687	88,776	89,240
OPEC percentage	41.5	41.5	43.2	42.9	45.7	49.1	49.2	49.4	49.1

Notes: Figures as at year-end. Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

Crude oil production in OPEC Members, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria ¹	946.4	1,029.1	785.4	1,062.3	1,097.3	1,008.6	982.6	1,075.1	1,152.3
Indonesia	742.3	853.6	892.1	1,080.8	1,338.5	1,374.5	1,306.5	1,503.6	1,686.2
IR Iran	3,375.8	3,829.0	4,539.5	5,023.1	5,860.9	6,021.6	5,350.1	5,882.9	5,662.8
Iraq	1,521.2	1,548.6	1,694.1	1,465.5	2,018.1	1,970.6	2,261.7	2,415.4	2,348.2
Kuwait ²	2,773.4	2,989.6	3,196.7	3,283.0	3,020.4	2,546.1	2,084.2	2,145.4	1,969.0
SP Libyan AJ	3,109.1	3,318.0	2,760.8	2,239.4	2,174.9	1,521.3	1,479.8	1,932.6	2,063.4
Nigeria	540.3	1,083.1	1,531.2	1,815.7	2,054.3	2,255.0	1,783.2	2,066.8	2,085.1
Qatar	355.5	362.4	430.7	482.4	570.3	518.4	437.6	497.3	444.6
Saudi Arabia ²	3,216.2	3,799.1	4,768.9	6,016.3	7,596.2	8,479.7	7,075.4	8,577.2	9,199.9
United Arab Emirates	627.8	779.6	1,059.5	1,202.7	1,532.6	1,678.6	1,663.8	1,936.4	1,998.7
Venezuela	3,594.1	3,708.0	3,549.1	3,219.9	3,366.0	2,976.3	2,346.2	2,294.4	2,237.9
OPEC	20,802.1	23,300.1	25,208.0	26,891.1	30,629.5	30,350.7	26,771.1	30,327.1	30,848.1

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	1,161.2	1,153.8	1,019.9	797.8	704.5	660.9	695.4	672.4	673.9
Indonesia	1,635.2	1,590.8	1,575.7	1,604.2	1,324.8	1,245.3	1,280.1	1,181.5	1,256.8
IR Iran	5,241.7	3,167.9	1,467.4	1,262.8	2,420.6	2,441.7	2,032.4	2,192.3	2,037.1
Iraq	2,562.0	3,476.9	2,646.4	897.4	1,078.4	1,098.8	1,221.3	1,404.4	1,876.5
Kuwait ²	2,131.4	2,500.3	1,663.7	1,129.7	824.3	1,054.1	1,163.0	936.3	1,174.3
SP Libyan AJ	1,982.5	2,091.7	1,831.6	1,217.8	1,136.0	1,121.1	984.6	997.7	1,308.0
Nigeria	1,897.0	2,302.0	2,058.0	1,439.6	1,287.0	1,235.5	1,388.0	1,498.9	1,466.6
Qatar	486.7	508.1	471.4	415.2	332.0	269.0	325.3	289.3	305.7
Saudi Arabia ²	8,301.1	9,532.6	9,900.5	9,808.0	6,483.0	4,539.4	4,079.1	3,175.0	4,784.2
United Arab Emirates	1,830.5	1,830.7	1,701.9	1,502.3	1,248.8	1,149.0	1,069.0	1,009.1	1,128.6
Venezuela	2,165.5	2,356.4	2,165.0	2,108.3	1,895.0	1,800.8	1,695.5	1,564.0	1,648.5
OPEC	29,394.8	30,511.3	26,501.5	22,183.2	18,734.4	16,615.6	15,933.7	14,921.0	17,660.2

	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	648.2	672.9	727.3	783.5	803.0	756.5	747.3	752.5	752.5
Indonesia	1,158.1	1,161.5	1,231.0	1,299.3	1,450.0	1,347.7	1,327.3	1,332.8	1,328.4
IR Iran	2,297.6	2,478.5	2,814.1	3,135.3	3,406.8	3,431.6	3,425.2	3,596.0	3,595.0
Iraq	2,358.7	2,744.5	2,785.8	2,112.6	282.5	526.2	659.5	748.7	736.9
Kuwait ²	971.6	1,190.1	1,277.5	858.6	189.7	1,057.2	1,881.8	2,006.6	2,006.6
SP Libyan AJ	972.5	1,022.7	1,129.2	1,389.1	1,405.9	1,432.7	1,361.0	1,389.8	1,399.0
Nigeria	1,323.0	1,341.3	1,716.3	1,726.7	1,893.1	1,957.0	1,905.2	1,820.9	1,842.6
Qatar	218.9	228.0	320.2	405.6	391.2	423.2	390.3	378.7	389.8
Saudi Arabia ²	3,975.2	5,100.1	5,064.5	6,412.5	8,117.8	8,331.7	8,047.7	8,049.0	8,023.4
United Arab Emirates	1,242.3	1,323.5	1,593.0	1,762.6	2,027.4	2,235.7	2,159.3	2,166.5	2,148.0
Venezuela	1,575.5	1,578.1	1,747.4	2,135.2	2,286.2	2,345.6	2,326.0	2,367.9	2,378.5
OPEC	16,741.5	18,841.4	20,406.3	22,021.1	22,253.6	23,845.1	24,230.5	24,609.4	24,600.8

	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	805.7	846.1	827.3	749.6	796.0	776.6	729.9	942.4	1,311.4
Indonesia	1,326.7	1,330.4	1,315.4	1,355.5	1,272.5	1,214.2	1,125.4	1,139.6	1,094.4
IR Iran	3,596.0	3,603.4	3,714.0	3,439.0	3,661.3	3,572.0	3,248.0	3,741.6	3,834.2
Iraq	740.4	1,383.9	2,181.1	2,719.8	2,810.0	2,593.7	2,126.5	1,377.8	2,106.2
Kuwait ²	2,005.6	2,007.1	2,051.5	1,872.7	1,996.1	1,947.0	1,745.9	2,107.6	2,288.7
SP Libyan AJ	1,394.0	1,395.8	1,449.0	1,287.2	1,347.2	1,323.5	1,200.9	1,431.9	1,580.7
Nigeria	1,863.1	1,876.7	1,939.0	1,781.5	2,053.6	2,017.6	1,801.7	2,166.3	2,356.8
Qatar	393.1	405.0	618.1	608.5	648.2	632.9	568.9	676.0	755.3
Saudi Arabia ²	8,102.3	8,011.7	8,280.2	7,564.7	8,094.5	7,888.9	7,093.1	8,410.3	8,897.0
United Arab Emirates	2,161.3	2,160.7	2,244.1	2,048.8	2,174.7	2,115.2	1,900.3	2,248.0	2,343.6
Venezuela	2,381.0	2,411.0	3,120.0	2,800.4	2,891.0	2,791.9	2,782.0	2,643.0	3,009.4
OPEC	24,769.2	25,431.8	27,739.7	26,227.8	27,745.0	26,873.5	24,322.5	26,884.6	29,577.7

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

1. Prior to 1978, including condensates production.
2. Including share of production from Neutral Zone.

World crude oil production by region, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	10,411.1	10,963.4	11,010.7	11,061.1	10,950.3	10,408.9	9,755.3	9,387.0	9,507.6
Latin America	5,090.3	5,172.9	5,067.4	4,835.8	5,138.2	4,797.5	4,289.8	4,334.8	4,532.4
Eastern Europe	6,922.6	7,411.2	7,802.6	8,223.9	8,814.4	9,564.4	10,227.8	10,750.3	11,321.9
Western Europe	494.7	469.5	444.0	462.4	472.5	485.7	637.3	921.1	1,431.4
Middle East	12,460.8	13,779.4	16,163.9	17,941.5	21,052.6	21,705.2	19,438.3	22,046.7	22,223.4
Africa	5,052.2	6,032.1	5,689.7	5,684.1	5,888.0	5,382.0	4,944.6	5,893.9	6,276.5
Asia and Pacific	1,338.2	1,544.0	1,907.0	2,381.8	2,924.6	3,298.0	3,696.5	4,111.0	4,555.6
Total world	41,770.1	45,372.6	48,085.2	50,590.5	55,240.6	55,641.6	52,989.7	57,444.7	59,848.7
OPEC	20,802.1	23,300.1	25,208.0	26,891.1	30,629.5	30,350.7	26,771.1	30,327.1	30,848.1
OPEC percentage	49.8	51.4	52.4	53.2	55.4	54.5	50.5	52.8	51.5

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	9,956.7	9,945.3	9,891.0	9,730.2	9,775.6	9,857.6	10,148.8	10,221.8	9,809.8
Latin America	4,759.4	5,260.2	5,569.0	5,945.9	6,226.2	6,101.2	6,161.1	6,082.7	6,041.9
Eastern Europe	11,810.2	12,066.5	12,388.6	12,528.9	12,636.3	12,699.5	12,605.9	11,986.3	12,309.1
Western Europe	1,792.2	2,334.0	2,518.7	2,728.5	2,988.9	3,357.3	3,696.8	3,853.1	3,930.9
Middle East	21,122.7	21,568.8	18,345.1	15,556.3	12,929.7	11,149.8	10,518.3	9,724.8	12,102.9
Africa	6,065.7	6,584.3	6,061.1	4,642.2	4,403.2	4,442.5	4,609.0	4,871.1	5,149.5
Asia and Pacific	4,726.3	4,990.5	4,916.7	4,851.7	4,622.8	4,798.4	5,251.2	5,529.9	5,747.2
Total world	60,233.2	62,749.5	59,690.2	55,983.7	53,582.6	52,406.3	52,991.2	52,269.6	55,091.3
OPEC	29,394.8	30,511.3	26,501.5	22,183.2	18,734.4	16,615.6	15,933.7	14,921.0	17,660.2
OPEC percentage	48.8	48.6	44.4	39.6	35.0	31.7	30.1	28.5	32.1

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	9,586.8	9,419.7	8,836.3	8,562.4	8,611.7	8,406.8	8,143.0	8,012.3	7,939.8
Latin America	6,053.4	6,103.6	6,334.3	6,861.0	7,140.7	7,271.4	7,347.9	7,562.3	7,689.3
Eastern Europe	12,448.4	12,367.7	12,037.7	11,275.9	10,140.6	8,844.5	7,922.2	7,168.6	7,050.3
Western Europe	4,064.4	4,046.3	3,896.2	4,098.4	4,317.1	4,559.3	4,823.0	5,585.9	5,812.0
Middle East	11,920.0	14,149.9	15,133.7	16,076.9	15,896.5	17,563.1	18,264.5	18,808.5	18,856.3
Africa	4,789.0	4,949.4	5,541.6	5,961.6	6,212.2	6,324.7	6,166.9	6,121.2	6,199.6
Asia and Pacific	5,743.3	5,853.2	6,004.3	6,269.5	6,417.6	6,362.2	6,462.5	6,630.7	6,774.9
Total world	54,605.3	56,889.9	57,784.1	59,105.8	58,736.4	59,332.1	59,130.0	59,889.5	60,322.1
OPEC	16,741.5	18,841.4	20,406.3	22,021.1	22,253.6	23,845.1	24,230.5	24,609.4	24,600.8
OPEC percentage	30.7	33.1	35.3	37.3	37.9	40.2	41.0	41.1	40.8

	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	7,865.8	7,865.7	7,679.4	7,227.1	7,213.1	7,178.9	7,191.3	7,140.1	6,835.5
Latin America	8,138.6	8,481.5	9,477.1	9,124.7	9,303.4	9,319.0	9,463.5	9,544.0	9,928.9
Eastern Europe	6,930.8	7,093.0	7,083.3	7,212.0	7,629.2	8,246.9	9,034.9	9,939.3	10,736.0
Western Europe	6,181.1	6,202.2	6,109.1	6,176.9	6,287.5	6,033.6	5,949.6	5,626.6	5,367.4
Middle East	19,028.3	19,608.0	21,120.9	20,285.3	21,423.1	20,789.7	18,650.0	20,467.9	22,015.3
Africa	6,419.4	6,589.8	6,705.0	6,348.5	6,769.8	6,620.9	6,452.4	7,270.3	8,385.5
Asia and Pacific	6,929.2	7,051.0	6,965.7	7,024.7	7,166.1	7,123.7	7,182.0	7,174.8	7,306.9
Total world	61,493.3	62,891.2	65,140.4	63,399.1	65,792.1	65,312.7	63,923.7	67,163.1	70,575.4
OPEC	24,769.2	25,431.8	27,739.7	26,227.8	27,745.0	26,873.5	24,322.5	26,884.6	29,577.7
OPEC percentage	40.3	40.4	42.6	41.4	42.2	41.1	38.0	40.0	41.9

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

Marketed production of natural gas in OPEC Members, 1969–2004 (million standard cu m)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	2,972	2,599	6,573	4,092	3,196	3,807	7,516	7,585	5,738
Indonesia	1,193	1,239	1,253	1,229	800	1,127	2,322	2,338	5,652
IR Iran	4,944	12,881	14,278	16,342	17,789	20,661	20,282	19,997	18,852
Iraq	762	784	925	935	910	836	1,299	1,802	1,178
Kuwait	3,727	2,037	2,104	2,487	2,786	2,931	3,212	3,864	4,213
SP Libyan AJ	–	294	708	2,832	4,531	4,075	4,635	4,779	5,051
Nigeria	64	111	184	273	303	404	402	632	500
Qatar	852	1,005	1,005	1,103	1,580	1,298	2,003	1,094	1,551
Saudi Arabia	1,744	1,230	1,378	1,178	2,316	3,835	3,772	4,434	5,565
United Arab Emirates	569	756	1,045	1,038	1,251	1,199	1,090	1,371	3,796
Venezuela	7,065	7,710	7,472	7,427	11,303	11,632	10,928	11,658	12,725
OPEC	23,892	30,646	36,925	38,936	46,765	51,805	57,461	59,554	64,821

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	8,078	15,548	11,647	21,862	26,686	36,267	35,039	36,470	37,560
Indonesia	10,865	15,765	18,503	18,775	19,076	21,992	32,969	33,905	35,374
IR Iran	16,948	17,913	7,138	5,950	7,200	11,000	13,500	14,600	15,200
Iraq	1,221	1,751	1,281	620	680	470	590	850	1,550
Kuwait	4,721	6,251	4,071	4,684	3,675	4,035	4,376	4,200	5,730
SP Libyan AJ	5,121	6,785	5,170	3,150	3,350	3,710	4,600	5,200	5,600
Nigeria	380	1,378	1,070	2,155	1,413	2,298	2,051	2,800	3,299
Qatar	1,479	4,362	4,741	4,323	5,055	5,235	5,930	5,460	5,800
Saudi Arabia	7,297	9,167	11,431	22,245	8,950	4,380	18,200	18,800	25,200
United Arab Emirates	5,164	5,431	6,863	9,075	8,320	8,400	11,060	13,210	15,220
Venezuela	12,841	14,382	14,805	14,886	15,883	15,640	17,300	17,326	19,074
OPEC	74,115	98,733	86,720	107,725	100,288	113,427	145,615	152,821	169,607

	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	43,170	46,290	48,400	51,600	53,910	53,246	53,872	51,157	55,622
Indonesia	36,550	38,510	43,234	47,580	51,370	54,190	55,860	63,473	63,360
IR Iran	16,000	20,000	22,200	24,200	32,200	35,100	36,900	40,400	38,600
Iraq	3,750	5,600	6,450	3,980	1,740	2,270	2,550	3,170	3,170
Kuwait	4,780	6,840	8,160	4,190	500	2,620	5,420	5,970	9,278
SP Libyan AJ	5,000	5,500	6,800	6,200	6,540	6,770	6,360	6,390	6,340
Nigeria	3,493	3,770	4,322	4,010	4,400	4,421	5,050	4,550	4,844
Qatar	5,610	5,860	6,200	6,300	7,630	12,620	13,500	13,500	13,500
Saudi Arabia	26,800	29,100	29,800	33,520	35,170	38,250	40,040	42,770	42,930
United Arab Emirates	18,890	19,360	22,380	22,110	25,810	22,170	22,990	25,820	31,320
Venezuela	18,587	19,028	19,538	21,966	21,902	21,617	25,613	24,675	25,200
OPEC	182,630	199,858	217,484	225,656	241,172	253,274	268,155	281,875	294,164

	1996	1997	1998	1999	2000	2001	2002	2003*	2004*
Algeria	59,024	67,714	72,511	81,507	83,119	78,240	80,367	82,829	82,009
Indonesia	66,660	67,150	64,250	70,960	68,365	66,300	70,350	72,800	73,300
IR Iran	40,410	47,000	50,000	56,755	60,147	69,145	75,000	81,500	89,663
Iraq	3,240	3,050	2,950	3,180	3,150	2,760	2,360	1,560	2,600
Kuwait	9,302	9,270	9,491	8,688	9,600	9,500	8,000	9,100	9,700
SP Libyan AJ	6,420	6,570	6,360	5,200	5,880	6,180	6,210	6,400	7,000
Nigeria	5,460	5,850	5,900	6,950	12,460	14,900	15,967	19,023	22,388
Qatar	13,700	17,400	19,580	22,050	24,900	27,000	29,500	31,400	37,810
Saudi Arabia	44,510	45,840	46,720	46,200	49,810	53,690	57,320	60,060	65,680
United Arab Emirates	33,800	36,310	37,070	38,990	38,380	39,360	43,390	44,800	45,800
Venezuela	29,730	30,211	31,440	26,771	27,801	31,710	28,415	26,060	28,405
OPEC	312,256	336,365	346,272	367,251	383,612	398,785	416,879	435,532	464,355

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

World marketed production of natural gas by region, 1969–2004 (million standard cu m)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	609,603	649,312	671,353	679,401	687,108	656,753	616,485	613,221	618,682
Latin America	26,556	29,720	29,300	31,537	37,261	38,703	38,641	39,893	42,872
Eastern Europe	213,717	231,843	248,066	258,173	275,506	300,435	332,092	320,527	341,637
Western Europe	54,241	75,645	123,294	125,853	144,578	163,930	169,602	178,949	180,983
Middle East	13,050	19,167	21,359	24,329	28,287	32,799	34,196	35,414	38,063
Africa	3,186	3,228	7,691	7,452	8,688	9,356	13,272	13,962	12,420
Asia and Pacific	22,333	23,296	24,362	27,265	29,357	39,231	43,027	48,257	58,304
Total world	942,686	1,032,211	1,125,425	1,154,010	1,210,785	1,241,207	1,247,315	1,250,223	1,292,961
OPEC	23,892	30,646	36,925	38,936	46,765	51,805	57,461	59,554	64,821
OPEC percentage	2.5	3.0	3.3	3.4	3.9	4.2	4.6	4.8	5.0

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	614,846	634,891	620,888	613,645	579,058	527,184	572,803	550,086	533,375
Latin America	47,336	53,791	63,692	65,556	69,866	75,865	76,961	74,024	76,554
Eastern Europe	373,335	398,421	426,049	515,060	554,240	586,270	634,810	696,610	738,070
Western Europe	185,526	192,819	189,428	196,320	184,454	194,171	198,920	206,116	201,735
Middle East	39,920	48,294	40,936	52,806	40,750	37,770	58,656	63,860	76,070
Africa	15,289	25,981	20,197	29,489	35,060	46,344	46,632	50,361	53,140
Asia and Pacific	65,997	72,811	77,724	78,059	83,696	91,392	108,419	118,095	127,414
Total world	1,342,249	1,427,008	1,438,914	1,550,935	1,547,124	1,558,996	1,697,201	1,759,152	1,806,358
OPEC	74,115	98,733	86,720	107,725	100,288	113,427	145,615	152,821	169,607
OPEC percentage	5.5	6.9	6.0	6.9	6.5	7.3	8.6	8.7	9.4

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	555,588	582,498	595,216	611,194	616,016	633,128	651,464	682,075	685,328
Latin America	76,067	79,578	81,798	85,696	85,642	82,317	93,043	94,765	99,630
Eastern Europe	777,380	816,670	841,010	852,500	844,990	803,100	791,430	748,930	734,800
Western Europe	212,750	200,560	205,110	203,850	216,240	219,600	231,280	233,820	241,800
Middle East	83,830	94,530	106,180	105,740	115,040	126,510	135,910	146,480	152,708
Africa	58,949	63,510	68,202	70,890	74,890	75,387	79,452	77,077	82,296
Asia and Pacific	127,240	133,450	143,964	151,170	164,300	175,970	183,810	201,133	210,470
Total world	1,891,804	1,970,796	2,041,480	2,081,040	2,117,118	2,116,012	2,166,389	2,184,280	2,207,032
OPEC	182,630	199,858	217,484	225,656	241,172	253,274	268,155	281,875	294,164
OPEC percentage	9.7	10.1	10.7	10.8	11.4	12.0	12.4	12.9	13.3

	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	697,549	700,829	709,042	710,710	726,434	742,345	723,862	721,810	716,077
Latin America	109,950	114,471	122,670	125,251	131,461	138,770	139,215	153,200	168,055
Eastern Europe	740,350	694,510	714,320	726,720	744,280	746,530	761,100	793,590	817,230
Western Europe	278,990	271,960	271,640	277,020	282,630	284,750	293,940	296,530	304,320
Middle East	159,962	178,680	187,161	196,193	208,907	230,215	247,150	261,140	285,273
Africa	88,084	98,394	103,511	113,797	125,589	130,270	135,474	146,352	153,197
Asia and Pacific	227,740	239,190	241,880	258,390	273,115	280,950	299,610	322,100	338,000
Total world	2,302,625	2,298,034	2,350,224	2,408,081	2,492,416	2,553,830	2,600,351	2,694,722	2,782,152
OPEC	312,256	336,365	346,272	367,251	383,612	398,785	416,879	435,532	464,355
OPEC percentage	13.6	14.6	14.7	15.3	15.4	15.6	16.0	16.2	16.7

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

Refinery capacity in OPEC Members, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	57.5	57.5	57.5	115.8	115.8	115.8	115.8	115.8	115.8
Indonesia	256.0	283.5	361.3	361.3	361.3	361.3	361.3	473.4	473.4
IR Iran	594.0	594.0	605.0	605.0	660.0	690.0	810.0	810.0	1,050.0
Iraq	102.7	115.7	115.7	115.7	183.5	253.5	253.5	253.5	253.5
Kuwait	437.0	437.0	437.0	484.5	541.5	541.5	609.0	609.0	594.0
SP Libyan AJ	9.0	9.0	9.0	9.0	9.0	63.0	63.0	63.0	117.0
Nigeria	40.0	52.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0
Qatar	0.7	0.7	0.7	0.7	0.7	0.7	9.7	9.7	9.7
Saudi Arabia	347.0	676.0	676.0	676.0	676.0	676.0	703.0	703.0	703.0
United Arab Emirates	–	–	–	–	–	–	–	15.0	15.0
Venezuela	1,258.0	1,289.4	1,294.9	1,473.9	1,473.9	1,473.9	1,444.9	1,444.9	1,444.9
OPEC	3,101.9	3,514.9	3,611.1	3,895.9	4,075.7	4,229.7	4,424.2	4,551.3	4,830.3
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	115.8	135.1	471.2	471.2	471.2	471.2	471.2	471.2	471.2
Indonesia	473.4	473.4	473.4	473.4	473.4	837.0	837.0	837.0	738.7
IR Iran	1,080.0	1,080.0	1,320.0	1,320.0	670.0	670.0	615.0	615.0	615.0
Iraq	295.5	305.5	305.5	305.5	215.5	365.5	365.5	365.5	365.5
Kuwait	594.0	594.0	594.0	594.0	594.0	564.0	564.0	564.0	614.0
SP Libyan AJ	117.0	117.0	117.0	117.0	117.0	117.0	315.0	333.0	342.0
Nigeria	144.0	144.0	234.0	234.0	234.0	234.0	234.0	234.0	243.0
Qatar	9.7	10.5	10.5	10.5	13.0	63.0	63.0	63.0	63.0
Saudi Arabia	758.0	758.0	645.0	765.0	765.0	935.0	1,190.0	1,440.0	1,440.0
United Arab Emirates	15.0	15.0	15.0	135.0	135.0	180.0	180.0	180.0	180.0
Venezuela	1,444.9	1,444.9	1,444.9	1,444.9	1,323.1	1,323.1	1,224.2	1,229.2	1,224.2
OPEC	5,047.3	5,077.4	5,630.5	5,870.5	5,011.2	5,759.8	6,058.9	6,331.9	6,296.6
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	471.2	471.2	474.5	474.5	474.5	474.5	474.5	468.6	462.2
Indonesia	738.7	738.7	751.3	751.3	782.8	782.8	782.8	895.3	891.2
IR Iran	615.0	615.0	777.0	777.0	957.0	957.0	1,092.0	1,092.0	1,092.0
Iraq	365.5	365.5	550.0	550.0	550.0	550.0	595.0	603.0	603.0
Kuwait	670.0	670.0	670.0	670.0	670.0	670.0	670.0	820.0	820.0
SP Libyan AJ	342.0	342.0	342.0	342.0	342.0	342.0	342.0	342.0	342.0
Nigeria	265.5	265.5	400.5	400.5	400.5	400.5	400.5	400.5	424.0
Qatar	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
Saudi Arabia	1,425.0	1,425.0	1,750.0	1,750.0	1,750.0	1,550.0	1,550.0	1,670.0	1,670.0
United Arab Emirates	180.0	180.0	180.0	192.5	192.5	192.5	205.0	205.0	211.0
Venezuela	1,258.1	1,201.1	1,167.0	1,224.0	1,224.0	1,224.0	1,181.0	1,181.0	1,181.0
OPEC	6,394.0	6,337.0	7,125.3	7,194.8	7,406.3	7,206.3	7,355.8	7,740.4	7,759.4
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2
Indonesia	891.2	891.2	929.7	929.7	1,057.0	1,057.0	1,057.0	1,057.0	1,055.5
IR Iran	1,092.0	1,208.0	1,524.0	1,524.0	1,474.0	1,474.0	1,474.0	1,474.0	1,474.0
Iraq	603.0	603.0	603.0	603.0	603.0	603.0	603.0	603.0	603.0
Kuwait	797.0	874.5	829.6	899.0	899.0	899.0	899.0	831.0	936.0
SP Libyan AJ	342.0	342.0	342.0	342.0	380.0	380.0	380.0	380.0	380.0
Nigeria	424.0	424.0	424.0	424.0	445.0	445.0	445.0	445.0	445.0
Qatar	63.0	63.0	63.0	63.0	63.0	63.0	80.0	80.0	80.0
Saudi Arabia	1,670.0	1,693.0	1,780.0	1,810.0	1,825.0	1,825.0	1,825.0	2,064.0	2,077.0
United Arab Emirates	246.0	291.0	291.0	411.0	420.0	491.3	491.3	466.3	466.3
Venezuela	1,183.2	1,183.2	1,200.3	1,188.4	1,183.2	1,183.2	1,199.0	1,003.8	1,045.7
OPEC	7,773.6	8,035.1	8,448.8	8,656.3	8,811.4	8,882.7	8,915.5	8,866.3	9,024.7

Notes: Figures as at year-end. Some figures were converted from barrels per stream day. Totals may not add up due to independent rounding. According to direct communications, refinery capacity for Kuwait was 336,000 b/cd in 1992 and 552,000 b/cd in 1993. Pre-Gulf crisis capacity for Iraq in the years 1991 and 1992 and for Kuwait for the years 1991–93.

World refinery capacity by region, 1969–2004 (1,000 b/cd)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	13,510.7	14,044.5	14,813.9	15,171.1	16,093.8	16,869.0	17,150.9	18,296.7	18,978.0
Latin America	4,870.3	5,279.0	5,821.9	6,513.9	7,208.2	7,600.3	7,683.6	7,916.8	8,528.0
Eastern Europe ¹	6,572.6	7,148.6	7,631.0	8,269.0	8,715.6	9,321.2	10,900.4	10,900.6	11,807.0
Western Europe	13,731.5	15,109.1	16,240.4	17,727.1	19,059.6	19,717.2	21,003.8	21,642.3	21,533.9
Middle East	2,045.6	2,445.6	2,455.1	2,559.0	2,753.2	2,906.2	3,176.8	3,214.9	3,404.1
Africa	755.7	876.7	863.3	865.7	1,093.0	1,226.4	1,305.2	1,383.7	1,461.0
Asia and Pacific	5,624.5	6,385.3	7,196.2	8,471.6	9,435.7	10,193.8	10,735.5	11,389.8	11,583.1
Total world	47,110.8	51,288.8	55,021.7	59,577.4	64,359.1	67,834.1	71,956.2	74,744.7	77,295.0
OPEC	3,101.9	3,514.9	3,611.1	3,895.9	4,075.7	4,229.7	4,424.2	4,551.3	4,830.3
OPEC percentage	6.6	6.9	6.6	6.5	6.3	6.2	6.1	6.1	6.2

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	19,390.0	19,956.8	20,633.7	20,053.2	19,004.2	18,031.3	17,589.3	17,382.6	17,325.2
Latin America	8,505.0	8,629.4	8,668.6	8,623.5	8,136.2	8,014.9	7,433.1	7,426.2	7,088.3
Eastern Europe ¹	12,376.0	13,028.0	13,508.5	13,708.5	13,858.5	14,108.5	14,038.5	14,038.5	14,298.5
Western Europe	21,220.6	20,997.4	21,066.5	20,576.9	18,359.4	17,332.1	16,755.9	15,303.6	14,881.8
Middle East	3,646.4	3,679.8	3,865.0	4,109.6	3,422.2	3,748.4	3,979.4	4,227.9	4,301.4
Africa	1,649.9	1,666.2	2,220.5	2,186.2	2,278.0	2,324.6	2,539.7	2,603.4	2,612.4
Asia and Pacific	11,736.3	11,871.4	12,377.7	12,609.8	12,969.7	12,547.2	12,445.5	12,372.6	12,540.7
Total world	78,524.3	79,829.0	82,340.5	81,867.8	78,028.2	76,106.9	74,781.4	73,354.8	73,048.3
OPEC	5,047.3	5,077.4	5,630.5	5,870.5	5,011.2	5,759.8	6,058.9	6,331.9	6,296.6
OPEC percentage	6.4	6.4	6.8	7.2	6.4	7.6	8.1	8.6	8.6

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	17,784.3	17,510.7	17,423.8	17,557.7	17,705.1	17,037.5	16,988.9	17,418.5	17,359.2
Latin America	7,427.3	7,357.5	7,564.0	7,765.7	7,538.9	7,604.8	7,443.6	7,387.6	7,447.2
Eastern Europe ¹	14,277.0	14,317.0	14,317.0	12,255.1	12,202.7	12,204.5	12,183.9	12,305.2	12,193.9
Western Europe	15,205.2	14,937.8	14,734.6	14,833.0	14,973.5	15,055.7	14,887.0	14,757.8	14,698.9
Middle East	4,371.2	4,377.7	5,049.2	5,055.8	5,266.9	5,079.9	5,260.1	5,559.1	5,565.1
Africa	2,658.3	2,651.5	2,790.8	2,826.4	2,820.2	2,818.8	2,746.1	2,780.9	2,795.9
Asia and Pacific	12,392.9	12,254.6	12,399.0	12,849.1	13,207.4	14,129.8	14,426.2	14,992.1	15,905.8
Total world	74,116.2	73,406.7	74,278.4	73,142.8	73,714.6	73,930.9	73,935.8	75,201.2	75,966.0
OPEC	6,394.0	6,337.0	7,125.3	7,194.8	7,406.3	7,206.3	7,355.8	7,740.4	7,759.4
OPEC percentage	8.6	8.6	9.6	9.8	10.0	9.7	9.9	10.3	10.2

	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	17,324.4	17,627.6	17,802.7	18,452.6	18,444.8	18,508.4	18,606.8	18,686.1	18,792.2
Latin America	7,457.9	7,922.6	7,606.3	7,869.9	8,106.7	7,993.4	8,255.3	8,128.8	8,146.0
Eastern Europe ¹	12,125.4	11,976.2	11,294.4	11,314.9	9,972.2	10,164.6	10,128.3	10,085.5	9,871.1
Western Europe	14,672.2	14,864.4	15,065.0	14,929.2	14,982.5	15,045.9	15,098.6	15,156.8	15,225.6
Middle East	5,528.3	5,781.0	6,134.5	6,353.9	6,337.9	6,409.2	6,424.0	6,570.0	6,688.0
Africa	2,833.3	2,888.3	2,944.5	2,982.5	3,257.7	3,247.3	3,278.3	3,303.8	3,263.8
Asia and Pacific	16,604.3	16,866.6	18,681.8	20,545.2	21,296.0	21,489.4	21,374.4	21,259.2	21,834.0
Total world	76,545.7	77,926.8	79,529.2	82,448.2	82,397.8	82,858.3	83,165.5	83,190.2	83,820.7
OPEC	7,773.6	8,035.1	8,448.8	8,656.3	8,811.4	8,882.7	8,915.5	8,866.2	9,024.7
OPEC percentage	10.2	10.3	10.6	10.5	10.7	10.7	10.7	10.7	10.8

Notes: Totals may not add up due to independent rounding. Figures as at year-end. Some figures were converted from barrels per stream day.

1. Downward changes as of 1990 reflect more accurate statistics from the countries of the former Soviet Union.

Output of refined products in OPEC Members, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	42.6	47.9	45.2	53.4	100.9	89.9	113.2	100.4	88.5
Indonesia	198.4	200.8	217.8	270.4	292.0	307.2	304.1	306.6	421.3
IR Iran	492.4	509.6	527.9	524.4	554.7	592.3	644.2	651.9	724.9
Iraq	64.8	77.7	75.3	92.2	82.2	106.3	135.5	154.7	166.4
Kuwait	311.7	404.3	452.1	366.4	371.5	332.1	289.6	360.7	351.0
SP Libyan AJ	7.9	8.7	7.7	8.6	8.4	7.6	37.6	51.0	94.2
Nigeria	1.0	19.4	40.8	43.6	56.7	53.8	46.7	55.5	48.2
Qatar	0.4	0.7	0.5	0.6	0.7	0.5	3.7	5.4	6.5
Saudi Arabia	465.6	617.3	600.6	599.2	644.3	648.2	577.6	697.0	680.5
United Arab Emirates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	11.0
Venezuela	1,155.6	1,290.1	1,239.9	1,127.5	1,302.5	1,196.0	832.9	958.4	947.7
OPEC	2,740.4	3,176.5	3,207.8	3,086.3	3,413.9	3,333.9	2,985.1	3,347.7	3,540.2
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	141.1	153.0	217.4	283.7	400.2	386.8	407.9	390.0	433.0
Indonesia	436.9	509.7	526.9	530.8	534.0	526.1	499.3	501.4	550.0
IR Iran	670.0	661.0	582.3	626.6	658.7	624.0	618.0	647.0	558.4
Iraq	182.6	183.0	187.0	190.0	190.5	292.0	340.0	344.0	346.4
Kuwait	373.3	439.8	336.5	276.3	420.0	468.4	478.9	566.5	599.0
SP Libyan AJ	113.6	98.4	108.6	111.3	121.6	126.4	128.5	143.9	182.1
Nigeria	60.2	89.0	120.9	151.9	162.1	151.2	160.2	135.2	136.0
Qatar	6.2	9.4	7.7	7.8	7.4	8.4	14.2	23.2	29.0
Saudi Arabia	720.4	746.8	736.9	758.8	804.8	877.2	917.6	1,115.6	1,333.5
United Arab Emirates	10.8	11.3	11.8	54.8	84.0	108.6	142.2	148.5	166.0
Venezuela	964.4	978.6	903.9	839.8	850.7	833.7	839.7	892.4	895.8
OPEC	3,679.5	3,880.0	3,739.9	3,831.8	4,234.0	4,402.8	4,546.5	4,907.7	5,229.2
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	431.0	433.3	433.6	435.3	428.6	434.5	426.1	429.8	440.7
Indonesia	568.7	606.5	640.4	711.2	677.8	649.9	770.5	767.4	854.3
IR Iran	541.2	614.1	669.9	751.0	806.1	851.4	911.7	916.9	942.0
Iraq	351.1	351.5	389.2	344.8	274.3	358.0	417.7	457.7	447.8
Kuwait	593.1	652.2	689.0	554.7	105.7	313.3	449.4	782.4	821.7
SP Libyan AJ	204.9	222.8	261.5	278.0	282.0	282.4	286.8	295.4	300.4
Nigeria	135.2	154.8	214.2	257.2	242.8	218.9	220.3	108.4	161.3
Qatar	33.0	37.6	49.3	57.2	53.2	58.4	49.4	57.1	57.8
Saudi Arabia	1,386.8	1,442.3	1,335.2	1,537.6	1,417.1	1,447.5	1,482.0	1,511.3	1,449.9
United Arab Emirates	168.3	174.1	177.8	187.7	183.8	185.4	193.4	208.4	230.1
Venezuela	831.4	975.8	1,010.1	1,038.6	1,087.8	1,050.6	1,069.3	1,126.8	1,201.1
OPEC	5,244.7	5,665.0	5,870.2	6,153.3	5,559.2	5,850.3	6,276.6	6,661.7	6,907.0
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	429.4	435.6	410.2	430.6	441.4	456.0	469.6	447.9	446.6
Indonesia	892.9	887.6	928.4	933.7	968.2	1,006.1	1,002.4	944.4	1,011.6
IR Iran	957.0	974.4	1,337.8	1,361.2	1,316.4	1,436.7	1,440.5	1,344.7	1,437.4
Iraq	438.3	444.5	459.1	442.8	493.2	531.9	518.2	463.8	491.0
Kuwait	787.7	879.6	876.1	903.3	729.5	659.7	721.2	839.2	840.1
SP Libyan AJ	304.7	307.6	317.5	324.9	337.8	341.5	369.8	322.7	356.7
Nigeria	193.0	192.5	113.6	131.1	88.6	227.8	307.0	307.4	341.0
Qatar	60.9	54.8	59.5	59.2	57.8	42.1	43.1	115.3	118.6
Saudi Arabia	1,641.0	1,584.4	1,600.3	1,593.2	1,649.7	1,636.9	1,596.9	1,760.6	1,912.6
United Arab Emirates	234.9	298.4	222.4	232.9	315.3	309.5	424.7	430.2	439.8
Venezuela	1,335.2	1,327.3	1,332.7	1,209.3	1,240.8	1,264.5	1,228.7	1,016.2	1,042.8
OPEC	7,275.0	7,386.7	7,657.5	7,622.2	7,638.7	7,912.8	8,121.9	7,992.4	8,438.2

Notes: Totals may not add up due to independent rounding. Data excludes production of gas plants.

World output of refined products by region, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	12,641.0	13,393.0	13,883.4	14,601.8	15,512.5	15,228.1	15,372.5	16,380.4	17,675.9
Latin America	4,453.4	4,997.1	5,207.9	5,254.1	5,833.4	5,708.9	5,073.5	5,367.4	5,573.9
Eastern Europe	5,976.6	6,266.6	6,465.2	6,780.9	7,387.9	7,920.4	8,567.6	8,751.1	9,065.5
Western Europe	10,754.4	12,359.2	12,778.2	13,624.2	14,917.5	14,067.0	12,587.1	13,708.3	13,689.0
Middle East	1,860.3	2,164.4	2,066.1	2,022.8	2,047.6	2,034.0	1,940.7	2,109.8	2,307.8
Africa	492.6	560.4	668.7	746.9	844.0	868.5	978.6	981.5	1,051.3
Asia and Pacific	5,077.4	5,799.3	6,475.6	7,022.1	8,036.1	7,879.8	7,783.7	8,261.3	8,704.5
Total world	41,255.7	45,540.0	47,545.1	50,052.8	54,579.0	53,706.7	52,303.7	55,559.8	58,067.9
OPEC	2,740.4	3,176.5	3,207.8	3,086.3	3,413.9	3,333.9	2,985.1	3,347.7	3,540.2
OPEC percentage	6.6	7.0	6.7	6.2	6.3	6.2	5.7	6.0	6.1

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	17,794.7	17,725.7	16,539.2	15,771.0	14,927.1	14,604.5	15,162.9	15,221.4	15,912.0
Latin America	5,659.5	5,736.3	5,939.9	5,781.0	5,554.3	5,274.7	5,352.4	5,078.7	5,100.8
Eastern Europe	9,536.9	10,036.4	10,626.9	10,453.8	10,375.4	10,459.8	10,018.1	9,848.9	10,702.5
Western Europe	13,740.4	14,635.5	13,780.1	12,552.5	11,970.6	11,890.3	11,888.9	11,626.2	12,409.3
Middle East	2,322.9	2,483.4	2,478.5	2,599.3	2,810.5	3,045.7	3,218.4	3,558.6	3,790.3
Africa	1,167.3	1,200.4	1,397.2	1,531.2	1,704.5	1,736.2	1,724.7	1,735.6	1,826.5
Asia and Pacific	9,145.6	9,426.9	9,181.0	8,892.5	8,698.9	8,884.6	8,984.9	8,818.0	9,085.3
Total world	59,367.3	61,244.6	59,942.8	57,581.3	56,041.3	55,896.0	56,350.2	55,887.4	58,826.7
OPEC	3,679.5	3,880.0	3,739.9	3,831.8	4,234.0	4,402.8	4,546.5	4,907.7	5,229.2
OPEC percentage	6.2	6.3	6.2	6.7	7.6	7.9	8.1	8.8	8.9

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	16,162.6	16,639.3	16,860.7	16,986.4	16,911.2	17,013.5	17,522.4	17,628.6	17,833.2
Latin America	5,226.3	5,356.4	5,554.8	5,706.2	5,777.4	5,910.4	6,045.3	6,258.2	6,223.7
Eastern Europe	10,803.8	10,698.9	10,546.6	9,850.4	9,202.5	7,762.4	6,849.0	5,996.7	6,014.0
Western Europe	12,298.4	12,844.9	12,868.7	13,234.6	13,436.9	13,829.2	13,930.0	14,266.8	14,241.7
Middle East	3,847.6	4,057.9	4,102.4	4,278.5	3,696.4	4,117.2	4,409.1	4,864.9	4,881.3
Africa	1,864.1	1,944.4	2,090.4	2,190.2	2,183.8	2,168.8	2,231.2	2,201.7	2,325.4
Asia and Pacific	9,276.3	9,683.1	10,387.6	11,056.2	11,758.2	12,505.6	13,344.7	13,819.5	14,604.8
Total world	59,479.1	61,224.8	62,411.2	63,302.6	62,966.5	63,307.1	64,331.9	65,036.3	66,124.1
OPEC	5,244.7	5,665.0	5,870.2	6,153.3	5,559.2	5,850.3	6,276.6	6,661.7	6,907.0
OPEC percentage	8.8	9.3	9.4	9.7	8.8	9.2	9.8	10.2	10.4

	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	18,355.2	18,675.2	18,918.4	18,934.9	19,305.1	19,200.2	19,282.6	19,697.8	20,218.1
Latin America	6,469.6	6,554.7	6,750.3	6,592.6	6,653.1	6,801.6	6,843.4	7,076.2	7,239.4
Eastern Europe	5,814.7	5,839.8	5,768.0	5,697.9	5,828.0	6,165.4	6,543.4	6,652.3	6,835.4
Western Europe	14,590.2	14,885.9	15,262.7	14,572.8	14,833.1	14,774.8	14,925.0	15,012.0	15,460.3
Middle East	5,060.4	5,190.6	5,534.4	5,554.4	5,534.2	5,593.2	5,726.7	5,944.3	6,250.9
Africa	2,360.1	2,365.1	2,298.6	2,376.3	2,404.8	2,583.5	2,738.7	2,678.5	2,786.2
Asia and Pacific	15,540.9	16,351.5	16,306.8	17,256.7	17,843.9	17,941.8	18,176.5	18,173.9	18,780.8
Total world	68,191.0	69,862.9	70,839.1	70,985.5	72,402.2	73,060.3	74,236.3	75,235.0	77,571.1
OPEC	7,275.0	7,386.7	7,657.5	7,622.2	7,638.7	7,912.8	8,121.9	7,992.4	8,438.2
OPEC percentage	10.7	10.6	10.8	10.7	10.6	10.8	10.9	10.6	10.9

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series. Data excludes production of gas plants.

Consumption of refined products in OPEC Members, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	32.3	39.5	40.6	47.0	60.4	57.5	66.1	78.5	88.3
Indonesia	112.0	114.1	131.8	145.2	170.5	199.4	220.5	245.9	285.3
IR Iran	165.9	182.4	194.8	219.0	259.0	295.6	352.1	430.7	511.0
Iraq	66.4	61.9	67.0	75.3	81.0	85.0	98.0	115.4	130.7
Kuwait	12.5	14.4	15.6	16.4	16.9	19.3	21.9	26.3	26.6
SP Libyan AJ	20.9	16.4	19.9	24.4	32.7	37.3	51.2	54.3	63.0
Nigeria	23.6	28.4	34.3	39.8	48.9	54.4	68.1	89.4	111.9
Qatar	2.4	1.6	1.7	2.0	2.7	3.2	4.2	5.3	5.3
Saudi Arabia	39.0	42.5	47.1	54.8	68.2	87.7	101.2	137.8	164.4
United Arab Emirates	2.0	2.2	2.3	3.2	5.1	7.0	25.5	31.4	47.1
Venezuela	140.7	148.2	158.3	197.7	219.5	218.0	229.5	257.2	268.8
OPEC	617.7	651.6	713.4	824.8	964.9	1,064.4	1,238.3	1,472.2	1,702.4
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	86.1	95.3	107.4	117.2	125.4	142.0	157.9	158.3	166.2
Indonesia	292.3	375.4	410.9	445.6	461.1	452.8	447.2	467.3	464.9
IR Iran	517.0	543.0	562.5	568.2	578.5	678.1	789.2	812.3	851.3
Iraq	149.5	183.9	211.1	214.3	253.4	262.1	274.5	297.7	314.5
Kuwait	30.6	32.2	57.0	70.6	89.9	96.3	89.5	101.7	96.1
SP Libyan AJ	69.8	80.3	97.9	112.8	129.0	128.7	127.9	120.8	119.7
Nigeria	134.0	154.3	161.8	176.2	192.6	193.6	178.2	178.1	174.8
Qatar	5.4	5.4	6.1	6.8	7.8	8.5	8.9	10.5	11.6
Saudi Arabia	225.1	287.5	407.2	498.6	546.6	603.6	651.8	632.1	621.3
United Arab Emirates	53.0	34.6	62.7	73.9	85.1	86.6	105.4	111.1	134.1
Venezuela	294.6	324.8	395.7	405.6	415.4	400.1	385.6	387.4	393.4
OPEC	1,857.4	2,116.7	2,480.4	2,689.8	2,884.7	3,052.4	3,216.1	3,277.2	3,348.0
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	169.8	170.8	179.3	187.4	187.1	187.7	188.9	178.6	172.7
Indonesia	491.4	527.4	578.0	634.3	675.4	708.6	713.6	755.3	774.5
IR Iran	878.6	882.2	934.5	1,002.1	1,064.7	1,063.1	1,110.6	1,132.8	1,140.8
Iraq	326.5	342.1	363.9	363.6	343.9	410.0	447.4	464.1	450.2
Kuwait	85.0	75.0	72.4	65.2	60.2	101.1	95.2	106.2	117.6
SP Libyan AJ	131.6	135.1	141.7	142.5	146.5	145.0	143.9	175.1	196.4
Nigeria	172.8	182.9	187.4	160.4	190.8	242.8	211.1	161.2	187.4
Qatar	11.6	12.5	13.0	13.2	12.8	13.9	13.7	16.3	17.2
Saudi Arabia	632.0	685.9	667.5	655.0	646.3	729.4	767.5	792.4	751.2
United Arab Emirates	140.8	158.7	168.7	185.1	187.3	189.2	204.2	202.6	202.6
Venezuela	387.7	393.8	393.7	399.5	403.1	431.3	424.8	412.1	415.9
OPEC	3,427.8	3,566.4	3,700.2	3,808.3	3,918.1	4,222.2	4,320.9	4,396.7	4,426.5
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	170.8	165.6	169.9	177.7	187.7	188.7	203.7	218.3	232.9
Indonesia	853.3	931.6	888.2	931.7	996.4	1,026.0	1,075.4	1,112.9	1,143.7
IR Iran	1,175.5	1,229.6	1,218.0	1,191.6	1,189.1	1,220.5	1,257.9	1,328.8	1,414.8
Iraq	437.4	443.1	454.7	456.7	498.9	542.8	528.8	465.7	565.1
Kuwait	114.1	131.8	158.8	163.8	152.9	140.8	146.0	206.7	230.8
SP Libyan AJ	198.7	198.5	203.4	209.0	201.7	202.8	200.7	212.5	225.2
Nigeria	202.0	208.1	199.4	185.3	213.7	244.5	242.0	230.6	236.6
Qatar	19.3	21.6	23.2	22.2	23.6	25.4	32.9	30.8	32.7
Saudi Arabia	807.4	814.5	865.8	908.4	937.0	982.0	1,053.7	1,140.5	1,187.2
United Arab Emirates	194.1	197.2	193.1	199.8	209.5	220.6	237.2	259.2	265.0
Venezuela	433.2	461.1	485.0	442.6	491.9	516.2	470.2	447.7	466.1
OPEC	4,605.8	4,802.6	4,859.4	4,888.9	5,102.4	5,310.3	5,448.6	5,653.7	6,000.2

Note: Revisions have been made throughout the time series.

World consumption of refined products by region, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	14,347.7	15,204.2	17,176.6	18,471.5	19,482.3	18,777.5	18,128.1	19,297.0	20,591.6
Latin America	2,500.7	2,699.8	2,572.4	2,779.5	3,086.7	3,225.4	3,313.0	3,527.6	3,674.3
Eastern Europe	5,549.4	6,028.5	6,223.8	6,735.2	7,356.8	7,853.9	8,766.5	9,055.3	9,434.1
Western Europe	10,650.3	11,695.4	12,472.5	13,324.4	14,318.3	13,481.9	12,889.0	13,691.1	13,547.6
Middle East	499.3	510.7	544.9	593.8	683.8	766.1	888.2	1,045.1	1,207.8
Africa	576.4	631.0	710.6	781.3	849.3	874.7	943.2	1,026.2	1,113.2
Asia and Pacific	5,466.9	6,623.0	6,898.4	7,347.6	8,324.9	8,424.2	8,376.9	9,039.6	9,598.0
Total world	39,590.7	43,392.6	46,599.2	50,033.3	54,102.1	53,403.6	53,304.8	56,682.0	59,166.6
OPEC	617.7	651.6	713.4	824.8	964.9	1,064.4	1,238.3	1,472.2	1,702.4
<i>OPEC percentage</i>	1.6	1.5	1.5	1.6	1.8	2.0	2.3	2.6	2.9
	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	20,886.7	20,420.9	18,839.4	17,963.9	17,096.5	16,737.9	17,219.7	17,153.7	17,670.7
Latin America	3,887.7	4,120.2	4,267.2	4,343.3	4,378.1	4,204.0	4,229.2	4,308.8	4,513.7
Eastern Europe	9,813.6	10,141.7	10,350.2	10,416.2	10,376.8	10,335.2	10,226.6	10,134.5	10,162.3
Western Europe	14,102.9	14,446.6	13,435.4	12,432.0	11,940.0	11,747.1	11,797.4	11,678.1	12,067.1
Middle East	1,330.6	1,477.5	1,694.5	1,854.0	1,998.4	2,204.0	2,400.6	2,455.5	2,277.9
Africa	1,178.4	1,246.6	1,339.0	1,422.7	1,474.0	1,551.6	1,597.5	1,609.3	1,621.1
Asia and Pacific	10,130.1	10,436.7	10,000.0	9,670.4	9,553.8	9,673.7	9,944.7	9,994.8	10,341.5
Total world	61,330.0	62,290.3	59,925.6	58,102.5	56,817.7	56,453.4	57,415.8	57,334.6	58,654.4
OPEC	1,857.4	2,116.7	2,480.4	2,689.8	2,884.7	3,052.4	3,216.1	3,277.2	3,348.0
<i>OPEC percentage</i>	3.0	3.4	4.1	4.6	5.1	5.4	5.6	5.7	5.7
	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	18,126.1	18,747.8	18,843.6	18,369.0	18,030.7	18,341.4	18,627.3	19,173.7	19,186.8
Latin America	4,677.6	4,754.3	4,907.9	4,944.6	5,052.2	5,207.9	5,270.5	5,519.9	5,623.8
Eastern Europe	10,235.8	10,161.3	9,973.1	9,739.4	9,234.6	7,900.7	6,780.3	5,878.8	5,778.0
Western Europe	12,202.4	12,454.6	12,478.2	12,632.9	12,996.5	13,072.5	13,073.6	13,157.6	13,417.4
Middle East	2,379.3	2,449.5	2,476.7	2,582.4	2,646.5	2,950.8	3,333.8	3,427.3	3,450.1
Africa	1,698.3	1,765.3	1,754.2	1,778.3	1,748.0	1,796.8	1,799.1	1,790.7	1,897.9
Asia and Pacific	10,798.9	11,550.7	12,302.1	12,935.9	13,597.2	14,419.6	15,092.1	15,962.2	16,794.6
Total world	60,118.4	61,883.5	62,735.7	62,982.5	63,305.6	63,689.6	63,976.7	64,910.0	66,148.6
OPEC	3,427.8	3,566.4	3,700.2	3,808.3	3,918.1	4,222.2	4,320.9	4,396.7	4,426.5
<i>OPEC percentage</i>	5.7	5.8	5.9	6.0	6.2	6.6	6.8	6.8	6.7
	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	19,815.4	20,277.4	20,551.6	21,193.8	21,407.9	21,521.7	21,924.9	22,258.0	22,857.8
Latin America	5,787.5	6,095.9	6,351.7	6,323.9	6,435.0	6,404.8	6,281.2	6,281.0	6,452.4
Eastern Europe	5,418.9	5,555.7	5,401.3	5,146.9	4,862.9	5,060.1	4,865.7	4,958.0	4,932.3
Western Europe	13,701.0	13,786.6	14,030.6	13,956.9	13,865.9	13,988.3	13,905.6	14,093.0	14,189.8
Middle East	3,526.2	3,628.4	3,734.2	3,789.1	3,873.3	4,011.7	4,156.7	4,342.1	4,603.6
Africa	2,025.5	2,086.3	2,136.7	2,209.0	2,219.8	2,340.9	2,382.2	2,438.3	2,506.1
Asia and Pacific	17,741.4	18,617.7	18,009.5	19,010.3	19,667.8	19,801.1	20,382.9	21,215.4	22,400.0
Total world	68,015.8	70,048.0	70,215.6	71,629.8	72,332.5	73,128.7	73,899.1	75,585.7	77,942.1
OPEC	4,605.8	4,802.6	4,859.4	4,888.9	5,102.4	5,310.3	5,448.6	5,653.7	6,000.2
<i>OPEC percentage</i>	6.8	6.9	6.9	6.8	7.1	7.3	7.4	7.5	7.7

Note: Revisions have been made throughout the time series.

Crude oil exports by OPEC Members, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	883.0	974.3	687.6	996.8	993.2	895.0	877.5	944.4	1,034.5
Indonesia	516.8	625.4	656.4	817.2	1,012.4	1,036.6	994.7	1,227.4	1,325.7
IR Iran	2,847.4	3,309.3	3,979.0	4,498.4	5,276.8	5,369.2	4,671.0	5,213.7	4,867.4
Iraq	1,445.4	1,495.8	1,618.9	1,436.1	1,925.8	1,849.0	2,058.8	2,241.1	2,167.4
Kuwait	2,441.7	2,579.9	2,775.2	2,925.0	2,641.6	2,203.2	1,803.4	1,790.9	1,624.8
SP Libyan AJ	3,069.5	3,312.1	2,747.4	2,214.2	2,174.5	1,490.3	1,431.1	1,846.6	1,943.0
Nigeria	542.2	1,050.8	1,486.4	1,756.1	1,978.1	2,179.4	1,713.3	2,013.2	2,030.2
Qatar	353.0	362.8	428.6	481.7	570.3	511.2	428.3	486.6	410.3
Saudi Arabia	2,794.7	3,216.9	4,186.8	5,444.1	7,014.6	7,922.4	6,601.1	8,031.8	8,608.4
United Arab Emirates	624.9	777.0	1,054.8	1,202.7	1,522.1	1,689.5	1,661.4	1,932.8	1,990.0
Venezuela	2,476.0	2,434.6	2,313.9	2,132.4	2,123.5	1,768.3	1,472.2	1,370.3	1,321.0
OPEC	17,994.6	20,138.9	21,935.0	23,904.7	27,232.9	26,914.1	23,712.8	27,098.8	27,322.7

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	1,002.8	960.4	715.5	521.8	228.9	260.4	181.6	272.0	255.0
Indonesia	1,268.2	1,077.7	988.0	992.5	818.6	858.3	876.3	705.6	793.8
IR Iran	4,447.1	2,407.0	796.7	714.6	1,623.2	1,718.7	1,521.8	1,568.3	1,454.0
Iraq	2,384.4	3,247.0	2,482.0	872.0	846.0	702.0	867.0	1,085.4	1,393.5
Kuwait	1,761.2	2,083.1	1,296.5	813.8	368.8	544.4	658.0	475.9	756.0
SP Libyan AJ	1,854.8	1,966.0	1,624.2	997.8	946.0	919.4	912.4	879.6	1,051.0
Nigeria	1,827.1	2,210.1	1,960.2	1,228.4	1,002.8	935.2	1,094.1	1,333.3	1,221.2
Qatar	480.0	494.9	465.7	391.0	322.8	279.5	324.2	280.0	297.0
Saudi Arabia	7,706.0	8,817.7	9,223.2	9,017.9	5,639.4	3,920.8	3,186.9	2,150.7	3,265.8
United Arab Emirates	1,816.3	1,805.3	1,697.3	1,439.0	1,167.0	1,077.3	1,036.7	977.7	1,127.8
Venezuela	1,244.6	1,408.3	1,287.2	1,266.0	1,057.9	976.7	998.9	825.9	948.7
OPEC	25,792.5	26,477.5	22,536.5	18,254.8	14,021.4	12,192.7	11,657.9	10,554.4	12,563.8

	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	240.0	244.0	280.5	280.6	344.7	279.4	308.0	329.2	332.8
Indonesia	701.0	646.6	675.7	684.7	798.8	652.0	681.6	792.6	743.9
IR Iran	1,710.0	1,696.0	2,120.0	2,220.0	2,420.0	2,528.0	2,600.0	2,650.0	2,621.0
Iraq	1,717.0	2,095.0	2,260.0	1,596.0	39.0	60.7	59.2	60.0	63.5
Kuwait	607.0	698.0	850.0	645.0	85.0	695.6	1,440.0	1,263.5	1,186.4
SP Libyan AJ	804.0	882.0	868.0	1,090.0	1,220.0	1,180.0	1,110.0	1,125.0	1,120.3
Nigeria	1,065.2	1,110.5	1,525.9	1,550.0	1,610.0	1,585.0	1,557.0	1,590.0	1,665.0
Qatar	214.0	226.0	320.0	347.8	336.6	362.3	340.6	322.6	333.0
Saudi Arabia	2,416.5	3,030.1	3,335.5	4,499.8	6,526.3	6,581.9	6,292.9	6,233.6	6,290.8
United Arab Emirates	1,239.3	1,321.5	1,589.0	1,761.6	2,024.4	2,060.0	1,970.0	1,955.0	1,925.0
Venezuela	1,026.9	972.7	986.3	1,242.0	1,381.3	1,429.0	1,540.3	1,696.4	1,819.9
OPEC	11,740.9	12,922.4	14,810.9	15,917.5	16,786.1	17,413.9	17,899.6	18,017.9	18,101.6

	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	390.8	373.1	549.4	414.6	461.1	441.5	566.2	741.0	893.2
Indonesia	706.7	709.7	678.0	781.9	622.5	599.2	639.9	433.0	412.7
IR Iran	2,630.0	2,587.0	2,512.0	2,291.0	2,492.2	2,184.6	2,093.6	2,396.3	2,684.1
Iraq	88.1	746.6	1,417.6	2,130.9	2,039.8	1,710.2	1,494.6	388.6	1,450.0
Kuwait	1,224.2	1,134.2	1,190.0	948.2	1,230.7	1,214.1	1,138.0	1,242.9	1,414.9
SP Libyan AJ	1,123.4	1,115.7	1,161.0	991.7	1,005.0	987.6	983.6	1,126.5	1,284.5
Nigeria	1,812.9	1,855.5	1,832.8	1,705.1	1,986.4	2,009.4	1,798.2	2,163.5	2,356.0
Qatar	367.0	401.5	572.4	580.5	617.6	605.5	567.8	540.7	542.7
Saudi Arabia	6,109.3	6,184.5	6,390.4	5,719.7	6,253.1	6,035.9	5,284.6	6,522.9	6,813.1
United Arab Emirates	1,943.2	1,949.0	2,039.0	1,919.0	1,814.9	1,786.7	1,614.0	2,048.0	2,172.0
Venezuela	1,976.4	2,210.8	2,243.9	1,923.0	2,003.5	1,964.7	1,572.0	1,535.0	1,566.2
OPEC	18,372.0	19,267.6	20,586.7	19,405.6	20,526.7	19,539.4	17,752.6	19,138.4	21,589.3

Notes: Data includes re-exports. Totals may not add up due to independent rounding.

OPEC crude oil exports by region, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	1,338.1	1,347.2	1,901.9	2,379.3	2,884.8	3,105.5	3,316.3	4,300.6	5,402.2
United States	925.0	919.8	1,410.2	1,839.3	2,325.4	2,497.3	2,646.2	3,549.9	4,983.4
Latin America	1,668.8	1,903.5	2,115.3	2,254.7	2,810.3	2,939.9	2,725.1	3,549.8	3,279.9
Eastern Europe	18.3	48.5	113.5	297.8	429.4	260.9	305.0	417.2	401.2
Western Europe	9,783.4	11,263.5	11,624.8	12,468.6	13,639.1	12,980.0	10,318.1	11,478.4	10,548.1
France	1,812.9	2,129.1	2,124.3	2,471.7	2,695.9	2,724.8	2,052.0	2,408.8	2,128.1
Germany	1,252.9	1,379.4	1,219.1	1,252.1	1,282.2	1,379.7	1,252.3	1,463.3	1,498.8
Italy	1,807.3	2,188.0	2,222.8	2,143.3	2,445.0	2,117.2	1,733.9	1,731.7	1,802.3
United Kingdom	2,103.6	2,147.4	2,610.5	2,790.9	2,928.8	3,000.1	1,618.8	1,625.3	1,267.4
Middle East	308.3	404.6	361.6	348.9	356.8	387.0	312.3	427.9	504.6
Africa	529.1	474.8	525.9	479.8	653.9	634.4	625.2	576.3	566.4
Asia and Pacific	3,987.2	4,614.5	5,139.0	5,675.6	6,458.6	6,330.7	5,776.1	6,165.4	6,503.5
Japan	2,671.1	3,251.2	3,639.9	4,088.6	4,585.5	4,524.5	3,997.0	4,135.9	4,111.1
Unspecified	361.3	82.2	152.9	–	–	275.7	334.7	183.2	116.8
Total world	17,994.6	20,138.9	21,935.0	23,904.7	27,232.9	26,914.1	23,712.8	27,098.8	27,322.7
	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	5,505.6	5,512.3	4,212.1	2,987.4	1,559.8	1,289.6	1,258.9	1,169.7	2,131.6
United States	5,037.8	5,042.3	3,755.5	2,657.7	1,371.9	1,179.6	1,164.2	1,077.4	1,984.8
Latin America	2,430.5	2,571.8	2,180.1	1,763.0	1,370.0	1,210.4	1,120.5	908.6	811.9
Eastern Europe	394.7	472.3	344.3	180.2	172.4	122.0	197.2	221.2	431.7
Western Europe	10,295.9	10,352.0	9,035.9	7,117.9	5,510.3	4,637.8	4,623.5	4,425.3	5,181.1
France	2,157.4	2,257.9	1,982.6	1,428.1	1,121.7	875.1	840.3	709.7	795.4
Germany	1,278.6	1,482.6	1,306.2	949.8	810.6	653.8	498.7	414.4	522.2
Italy	1,856.1	1,889.5	1,349.3	1,318.6	1,223.5	1,052.5	1,027.8	986.8	1,142.2
United Kingdom	1,120.3	876.2	692.5	487.9	373.3	240.9	182.8	208.6	255.3
Middle East	378.2	422.5	438.7	436.8	479.1	387.0	371.1	384.3	425.2
Africa	454.2	372.8	324.6	295.6	202.0	147.2	160.9	158.8	195.4
Asia and Pacific	6,332.8	6,399.3	5,944.6	5,538.6	4,714.3	4,372.2	3,952.0	3,293.1	3,417.1
Japan	3,934.3	3,907.2	3,539.8	3,083.1	2,788.2	2,699.2	2,709.5	2,301.2	2,166.6
Unspecified	0.6	374.5	125.0	–	41.5	44.5	53.0	8.5	–
Total world	25,792.5	26,477.5	22,605.3	18,319.5	14,049.4	12,210.7	11,737.1	10,569.5	12,594.0
	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	2,450.3	2,714.7	3,372.7	3,770.0	3,714.4	3,391.2	3,690.1	3,768.1	3,676.8
United States	2,333.9	2,603.6	3,206.1	3,570.6	3,511.5	3,306.5	3,542.2	3,555.3	3,439.9
Latin America	657.4	716.8	667.3	708.9	661.4	844.0	766.8	810.6	675.0
Eastern Europe	408.0	473.0	518.2	332.0	230.0	241.6	142.9	174.5	197.9
Western Europe	4,321.5	4,649.5	5,147.1	5,362.9	5,552.6	5,515.9	5,578.4	5,267.5	5,110.1
France	484.4	542.3	639.9	730.6	858.3	837.0	1,025.6	892.5	882.9
Germany	467.7	561.0	651.3	700.3	738.9	741.1	626.5	744.8	597.9
Italy	997.6	888.1	982.0	1,134.6	1,235.4	1,142.4	1,120.0	938.9	1,028.9
United Kingdom	182.3	240.0	206.0	296.8	285.4	270.3	347.5	231.0	203.5
Middle East	305.7	280.4	284.4	300.9	286.9	309.3	298.8	313.3	304.2
Africa	220.1	196.4	231.0	294.3	356.7	281.3	277.0	296.2	506.0
Asia and Pacific	3,434.3	3,959.4	4,655.2	5,148.5	5,984.1	6,805.1	7,124.6	7,387.7	7,620.7
Japan	2,291.2	2,321.6	2,682.5	2,964.5	3,128.2	3,253.5	3,371.2	3,598.7	3,598.0
Unspecified	0.3	42.7	–	–	–	25.5	21.0	–	10.9
Total world	11,797.6	13,032.9	14,875.9	15,917.5	16,786.1	17,413.9	17,899.6	18,017.9	18,101.6
	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	3,689.2	4,214.0	4,730.8	4,455.1	4,798.0	4,935.7	4,286.8	4,120.5	5,219.1
United States	3,463.4	3,960.2	4,448.1	4,175.6	4,515.9	4,630.8	3,937.0	3,757.7	4,751.7
Latin America	800.4	713.1	771.4	826.2	913.5	890.1	759.9	763.4	834.9
Eastern Europe	183.9	234.0	247.6	181.3	205.1	152.7	126.5	153.9	163.2
Western Europe	5,053.6	5,307.1	5,827.3	4,981.0	5,112.4	4,329.1	3,933.9	4,057.0	4,624.4
France	839.8	850.1	992.9	824.5	804.7	718.5	635.4	692.8	770.4
Germany	576.2	532.4	550.1	478.5	499.7	419.0	376.1	367.6	430.9
Italy	1,113.6	1,258.9	1,357.6	1,188.7	1,212.2	1,027.4	1,033.5	1,033.8	1,144.0
United Kingdom	183.8	134.5	148.5	86.8	76.2	83.5	127.6	112.4	128.4
Middle East	312.4	307.8	310.1	293.6	272.1	271.2	238.9	236.0	338.6
Africa	517.3	563.7	578.4	557.7	621.8	549.0	491.0	648.9	704.7
Asia and Pacific	7,759.3	7,922.4	8,104.1	7,900.1	8,271.8	8,068.5	7,831.3	8,792.9	9,557.1
Japan	3,558.2	3,743.3	3,563.2	3,492.8	3,542.5	2,991.6	3,830.9	3,708.5	4,307.0
Unspecified	55.9	5.4	16.8	210.5	332.1	343.0	84.2	365.7	147.2
Total world	18,372.0	19,267.6	20,586.7	19,405.6	20,526.7	19,539.4	17,752.6	19,138.4	21,589.3

Note: Data includes re-exports.

Share of total OPEC crude oil exports by region, 1969–2004 (per cent)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	7.4	6.7	8.7	10.0	10.6	11.5	14.0	15.9	19.8
United States	5.1	4.6	6.4	7.7	8.5	9.3	11.2	13.1	18.2
Latin America	9.3	9.5	9.6	9.4	10.3	10.9	11.5	13.1	12.0
Eastern Europe	0.1	0.2	0.5	1.2	1.6	1.0	1.3	1.5	1.5
Western Europe	54.4	55.9	53.0	52.2	50.1	48.2	43.5	42.4	38.6
France	10.1	10.6	9.7	10.3	9.9	10.1	8.7	8.9	7.8
Germany	7.0	6.8	5.6	5.2	4.7	5.1	5.3	5.4	5.5
Italy	10.0	10.9	10.1	9.0	9.0	7.9	7.3	6.4	6.6
United Kingdom	11.7	10.7	11.9	11.7	10.8	11.1	6.8	6.0	4.6
Middle East	1.7	2.0	1.6	1.5	1.3	1.4	1.3	1.6	1.8
Africa	2.9	2.4	2.4	2.0	2.4	2.4	2.6	2.1	2.1
Asia and Pacific	22.2	22.9	23.4	23.7	23.7	23.5	24.4	22.8	23.8
Japan	14.8	16.1	16.6	17.1	16.8	16.8	16.9	15.3	15.0
Unspecified	2.0	0.4	0.7	–	–	1.0	1.4	0.7	0.4
Total world	100	100	100	100	100	100	100	100	100
	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	21.3	20.8	18.6	16.3	11.1	10.6	10.7	11.1	16.9
United States	19.5	19.0	16.6	14.5	9.8	9.7	9.9	10.2	15.8
Latin America	9.4	9.7	9.6	9.6	9.8	9.9	9.5	8.6	6.4
Eastern Europe	1.5	1.8	1.5	1.0	1.2	1.0	1.7	2.1	3.4
Western Europe	39.9	39.1	40.0	38.9	39.2	38.0	39.4	41.9	41.1
France	8.4	8.5	8.8	7.8	8.0	7.2	7.2	6.7	6.3
Germany	5.0	5.6	5.8	5.2	5.8	5.4	4.2	3.9	4.1
Italy	7.2	7.1	6.0	7.2	8.7	8.6	8.8	9.3	9.1
United Kingdom	4.3	3.3	3.1	2.7	2.7	2.0	1.6	2.0	2.0
Middle East	1.5	1.6	1.9	2.4	3.4	3.2	3.2	3.6	3.4
Africa	1.8	1.4	1.4	1.6	1.4	1.2	1.4	1.5	1.6
Asia and Pacific	24.6	24.2	26.3	30.2	33.6	35.8	33.7	31.2	27.1
Japan	15.3	14.8	15.7	16.8	19.8	22.1	23.1	21.8	17.2
Unspecified	–	1.4	0.6	–	0.3	0.4	0.5	0.1	–
Total world	100	100	100	100	100	100	100	100	100
	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	20.8	20.8	22.7	23.7	22.1	19.5	20.6	20.9	20.3
United States	19.8	20.0	21.6	22.4	20.9	19.0	19.8	19.7	19.0
Latin America	5.6	5.5	4.5	4.5	3.9	4.8	4.3	4.5	3.7
Eastern Europe	3.5	3.6	3.5	2.1	1.4	1.4	0.8	1.0	1.1
Western Europe	36.6	35.7	34.6	33.7	33.1	31.7	31.2	29.2	28.2
France	4.1	4.2	4.3	4.6	5.1	4.8	5.7	5.0	4.9
Germany	4.0	4.3	4.4	4.4	4.4	4.3	3.5	4.1	3.3
Italy	8.5	6.8	6.6	7.1	7.4	6.6	6.3	5.2	5.7
United Kingdom	1.5	1.8	1.4	1.9	1.7	1.6	1.9	1.3	1.1
Middle East	2.6	2.2	1.9	1.9	1.7	1.8	1.7	1.7	1.7
Africa	1.9	1.5	1.6	1.8	2.1	1.6	1.5	1.6	2.8
Asia and Pacific	29.1	30.4	31.3	32.3	35.6	39.1	39.8	41.0	42.1
Japan	19.4	17.8	18.0	18.6	18.6	18.7	18.8	20.0	19.9
Unspecified	–	0.3	–	–	–	0.1	0.1	–	0.1
Total world	100	100	100	100	100	100	100	100	100
	1996	1997	1998	1999	2000	2001	2002	2003	2004
North America	20.1	21.9	23.0	23.0	23.4	25.3	24.1	21.5	24.2
United States	18.9	20.6	21.6	21.5	22.0	23.7	22.2	19.6	22.0
Latin America	4.4	3.7	3.7	4.3	4.5	4.6	4.3	4.0	3.9
Eastern Europe	1.0	1.2	1.2	0.9	1.0	0.8	0.7	0.8	0.8
Western Europe	27.5	27.5	28.3	25.7	24.9	22.2	22.2	21.2	21.4
France	4.6	4.4	4.8	4.2	3.9	3.7	3.6	3.6	3.6
Germany	3.1	2.8	2.7	2.5	2.4	2.1	2.1	1.9	2.0
Italy	6.1	6.5	6.6	6.1	5.9	5.3	5.8	5.4	5.3
United Kingdom	1.0	0.7	0.7	0.4	0.4	0.4	0.7	0.6	0.6
Middle East	1.7	1.6	1.5	1.5	1.3	1.4	1.3	1.2	1.6
Africa	2.8	2.9	2.8	2.9	3.0	2.8	2.8	3.4	3.3
Asia and Pacific	42.2	41.1	39.4	40.7	40.3	41.3	44.1	45.9	44.3
Japan	19.4	19.4	17.3	18.0	17.3	15.3	21.6	19.4	19.9
Unspecified	0.3	–	0.1	1.1	1.6	1.8	0.5	1.9	0.7
Total world	100	100	100	100	100	100	100	100	100

Note: Data includes re-exports.

World crude oil exports by region, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	543.9	675.7	710.4	865.1	1,028.3	818.9	633.1	412.9	334.7
Latin America	2,645.6	2,571.8	2,446.2	2,350.4	2,497.4	2,095.6	1,902.3	1,854.6	1,868.5
Eastern Europe	1,260.2	1,323.2	1,476.8	1,517.3	1,699.9	1,587.1	1,846.0	2,195.9	2,388.9
Western Europe	27.9	42.0	42.5	111.1	108.3	132.2	254.2	431.7	670.6
Middle East	10,878.6	12,142.4	14,401.7	16,350.7	19,327.5	19,960.6	17,748.4	20,248.5	20,155.0
Africa	4,854.3	5,852.4	5,392.8	5,400.9	5,616.6	5,084.1	4,605.6	5,400.7	5,675.6
Asia and Pacific	721.0	858.9	960.3	1,137.7	1,364.1	1,400.6	1,466.2	1,762.5	1,896.7
Total world	20,931.5	23,466.4	25,430.7	27,733.2	31,642.1	31,079.1	28,455.8	32,306.8	32,990.0
OPEC	17,994.6	20,138.9	21,935.0	23,904.7	27,232.9	26,914.1	23,712.8	27,098.8	27,322.7
OPEC percentage	86.0	85.8	86.3	86.2	86.1	86.6	83.3	83.9	82.8

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	404.4	504.9	475.4	386.7	440.9	446.0	533.5	687.0	736.3
Latin America	1,928.6	2,246.8	2,399.6	2,655.3	2,828.0	2,825.0	2,842.8	2,613.3	2,649.0
Eastern Europe	2,280.1	2,421.7	2,415.0	2,372.9	2,429.6	2,515.1	2,563.1	2,299.3	2,535.1
Western Europe	888.9	1,255.2	1,351.7	1,535.0	1,708.8	1,951.5	2,226.6	2,346.2	2,523.7
Middle East	19,067.0	19,295.3	16,358.7	13,681.9	10,393.2	8,705.1	8,060.2	7,072.9	8,866.0
Africa	5,351.1	5,839.0	5,070.8	3,501.5	2,942.6	2,982.4	3,225.9	3,647.7	3,663.4
Asia and Pacific	1,927.9	1,870.5	1,736.2	1,651.5	1,628.0	1,726.5	1,977.8	1,959.1	2,007.6
Total world	31,848.0	33,433.4	29,807.4	25,784.8	22,371.1	21,151.6	21,429.9	20,625.5	22,981.1
OPEC	25,792.5	26,477.5	22,536.5	18,254.8	14,021.4	12,192.7	11,657.9	10,554.4	12,563.8
OPEC percentage	81.0	79.2	75.6	70.8	62.7	57.6	54.4	51.2	54.7

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	771.0	864.4	788.3	763.0	878.7	926.4	1,015.5	1,081.3	1,152.5
Latin America	2,764.3	2,735.1	2,716.0	3,001.0	3,219.6	3,340.0	3,496.2	3,743.3	4,075.4
Eastern Europe	2,684.6	2,822.9	2,502.1	2,132.9	1,215.0	1,479.7	1,802.0	1,878.1	1,888.9
Western Europe	2,597.5	2,512.6	2,461.3	2,650.6	2,935.5	3,178.8	3,475.8	4,172.3	4,281.3
Middle East	8,534.4	9,858.2	11,369.2	12,078.9	12,437.3	13,332.9	13,888.5	13,764.0	13,795.6
Africa	3,360.1	3,531.5	4,049.1	4,364.3	4,697.9	4,599.7	4,534.7	4,401.5	4,572.2
Asia and Pacific	1,880.2	1,893.1	1,878.5	2,099.1	2,303.5	2,228.9	2,245.2	2,301.5	2,284.8
Total world	22,592.1	24,217.8	25,764.6	27,089.8	27,687.5	29,086.4	30,457.8	31,342.0	32,050.6
OPEC	11,740.9	12,922.4	14,810.9	15,917.5	16,786.1	17,413.9	17,899.6	18,017.9	18,101.6
OPEC percentage	52.0	53.4	57.5	58.8	60.6	59.9	58.8	57.5	56.5

	1996	1997	1998	1999	2000	2001	2002	2003	2004*
North America	1,182.3	1,139.6	1,258.7	1,168.0	1,226.7	1,150.4	1,447.4	1,575.7	1,606.8
Latin America	4,585.6	5,061.7	5,188.5	4,715.5	5,039.5	5,060.9	4,610.8	4,776.7	4,826.4
Eastern Europe	2,069.0	2,177.9	3,045.3	3,440.9	4,144.9	4,593.9	5,583.7	6,482.2	7,150.2
Western Europe	4,408.7	4,553.9	4,510.9	4,646.6	4,960.4	4,853.9	4,765.2	4,373.3	4,173.6
Middle East	13,820.0	14,490.2	15,597.7	15,147.0	16,016.5	15,129.2	13,769.0	14,707.8	16,652.0
Africa	4,876.4	5,035.7	5,226.7	4,863.8	5,173.3	5,182.5	5,154.5	5,832.3	6,362.1
Asia and Pacific	2,214.9	2,275.6	2,210.7	2,222.1	2,266.2	2,212.8	2,244.1	1,975.5	1,921.0
Total world	33,156.9	34,734.5	37,038.6	36,203.8	38,827.6	38,183.6	37,574.6	39,723.5	42,692.2
OPEC	18,372.0	19,267.6	20,586.7	19,405.6	20,526.7	19,539.4	17,752.6	19,138.4	21,589.3
OPEC percentage	55.4	55.5	55.6	53.6	52.9	51.2	47.2	48.2	50.6

Notes: Data includes re-exports. Revisions have been made throughout the time series.

Exports of refined products by OPEC Members, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	9.5	11.2	5.8	10.0	35.5	41.6	62.1	40.8	30.5
Indonesia	92.5	99.3	92.2	125.6	154.9	123.7	100.4	99.1	147.2
IR Iran	217.5	209.6	194.4	176.8	147.2	163.1	215.1	116.0	118.9
Iraq	4.9	3.1	3.5	0.4	7.5	21.3	37.5	39.3	35.7
Kuwait	190.1	251.0	234.2	210.5	205.7	192.5	140.5	336.9	313.3
SP Libyan AJ	1.4	0.8	–	0.4	35.0	27.8	47.2	53.0	91.2
Nigeria	2.5	4.6	8.5	2.5	15.0	3.7	5.3	11.3	13.9
Qatar	–	–	–	–	–	–	–	–	–
Saudi Arabia	219.4	347.0	294.2	319.5	331.7	321.5	330.7	390.0	341.4
United Arab Emirates	–	–	–	–	–	–	–	–	2.8
Venezuela	934.8	1,035.0	968.4	932.5	1,026.6	983.6	614.0	761.6	642.9
OPEC	1,672.6	1,961.6	1,801.2	1,778.2	1,959.1	1,878.8	1,552.8	1,848.0	1,737.8
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	77.9	69.2	148.1	201.8	404.3	291.6	399.9	320.0	376.0
Indonesia	124.0	146.9	162.6	155.8	121.1	130.2	191.9	149.8	159.3
IR Iran	127.5	235.0	141.0	140.0	181.0	57.0	56.7	39.4	10.0
Iraq	33.1	34.1	35.0	53.9	0.1	38.3	49.6	12.3	7.8
Kuwait	327.1	423.6	343.4	280.8	370.4	414.3	394.9	492.9	525.0
SP Libyan AJ	99.2	84.6	72.5	62.1	78.0	78.7	76.8	90.9	101.9
Nigeria	3.8	24.0	74.6	43.4	10.9	16.3	20.0	20.0	8.8
Qatar	–	6.7	1.8	13.2	11.6	16.8	26.0	28.3	36.0
Saudi Arabia	366.8	384.8	413.2	484.9	507.6	389.2	442.1	420.4	613.0
United Arab Emirates	7.9	13.0	19.6	37.7	45.7	60.7	97.7	92.1	111.6
Venezuela	697.6	685.2	564.6	476.1	476.2	507.6	502.3	530.7	572.1
OPEC	1,864.9	2,107.1	1,976.4	1,949.7	2,206.9	2,000.7	2,257.9	2,196.8	2,521.5
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	365.0	375.0	393.3	452.8	400.0	419.1	374.6	384.0	395.8
Indonesia	187.9	204.9	230.8	239.7	230.0	254.4	239.1	250.1	294.1
IR Iran	3.0	8.0	38.0	60.0	88.0	70.0	70.0	119.5	165.6
Iraq	110.0	110.0	145.0	126.2	11.5	16.1	17.6	17.8	18.3
Kuwait	553.0	635.0	690.0	380.0	40.0	256.0	419.0	622.3	794.2
SP Libyan AJ	110.5	90.0	127.5	150.0	140.0	170.0	142.0	130.0	132.7
Nigeria	15.7	21.0	30.0	30.0	31.0	30.0	32.5	25.0	38.8
Qatar	41.1	44.0	75.0	74.0	81.6	103.8	116.2	103.0	98.0
Saudi Arabia	909.0	1,141.0	1,072.6	1,305.8	1,226.1	1,287.6	1,385.7	1,360.1	1,321.6
United Arab Emirates	114.0	117.0	155.0	165.0	170.0	173.0	160.0	155.0	269.1
Venezuela	477.3	622.5	617.7	616.8	712.0	615.2	632.2	633.5	688.3
OPEC	2,886.5	3,368.4	3,574.9	3,600.3	3,130.2	3,395.2	3,588.9	3,800.3	4,216.5
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	406.1	462.3	461.9	599.7	544.3	555.8	527.2	528.3	446.0
Indonesia	297.1	257.3	220.8	191.9	188.8	196.3	152.4	155.3	143.5
IR Iran	172.5	225.9	277.8	362.9	347.3	307.7	328.0	333.2	339.6
Iraq	23.6	18.9	23.0	23.0	23.0	25.0	22.5	10.5	11.5
Kuwait	751.5	848.0	795.0	838.6	674.5	642.3	572.2	623.1	604.2
SP Libyan AJ	125.3	147.9	168.6	201.2	237.0	225.0	221.1	145.4	161.5
Nigeria	22.6	25.3	3.8	14.1	47.3	65.7	78.2	67.7	66.9
Qatar	107.0	125.0	95.1	75.3	75.3	78.1	67.3	61.5	64.9
Saudi Arabia	1,492.0	1,392.9	1,368.9	1,279.7	1,228.1	1,082.6	993.5	1,128.6	1,334.4
United Arab Emirates	271.9	323.1	319.1	331.0	391.7	398.2	485.5	513.6	503.6
Venezuela	742.1	841.5	846.2	828.0	779.6	761.1	569.7	485.0	573.8
OPEC	4,411.7	4,668.0	4,580.2	4,745.3	4,536.8	4,337.8	4,017.6	4,052.2	4,249.8

Note: Data includes re-exports and exports of petroleum products from gas plants.

World exports of refined products by region, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	163.3	305.0	308.3	381.9	424.9	391.3	364.1	377.1	378.7
Latin America	2,264.3	2,597.0	2,586.1	2,595.0	2,889.3	2,767.9	2,047.2	2,230.1	2,165.1
Eastern Europe	668.6	683.3	684.7	709.3	745.1	826.6	855.9	1,016.3	1,042.8
Western Europe	1,880.8	2,491.9	2,495.2	2,677.9	2,967.6	2,579.7	2,240.8	2,354.0	2,496.2
Middle East	968.0	1,148.2	1,019.7	977.6	956.7	975.0	936.6	1,110.6	1,088.5
Africa	75.4	87.5	89.0	99.3	171.3	164.2	205.8	208.5	238.1
Asia and Pacific	458.1	500.8	568.5	651.7	697.1	679.2	550.6	587.7	715.6
Total world	6,478.5	7,813.7	7,751.5	8,092.7	8,852.0	8,383.9	7,201.0	7,884.3	8,125.0
OPEC	1,672.6	1,961.6	1,801.2	1,778.2	1,959.1	1,878.8	1,552.8	1,848.0	1,737.8
OPEC percentage	25.8	25.1	23.2	22.0	22.1	22.4	21.6	23.4	21.4

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	414.0	493.7	514.2	610.4	806.3	802.8	777.8	818.4	813.1
Latin America	2,125.1	2,062.1	2,030.3	1,824.5	1,770.6	1,749.5	1,736.0	1,473.2	1,454.5
Eastern Europe	1,172.9	1,228.1	1,360.0	1,391.3	1,413.9	1,500.4	1,463.4	1,372.1	1,552.9
Western Europe	2,481.0	2,782.0	2,646.1	2,710.7	2,898.8	3,064.4	3,012.8	2,990.2	3,336.8
Middle East	1,124.6	1,369.6	1,251.8	1,334.5	1,393.1	1,249.0	1,361.6	1,379.5	1,657.3
Africa	285.8	270.6	402.5	412.3	599.9	488.9	607.4	539.3	599.0
Asia and Pacific	756.0	797.0	873.2	920.3	995.5	1,061.4	1,196.2	1,151.7	1,247.3
Total world	8,359.4	9,003.1	9,078.1	9,204.0	9,878.1	9,916.4	10,155.2	9,724.4	10,660.9
OPEC	1,864.9	2,107.1	1,976.4	1,949.7	2,206.9	2,000.7	2,257.9	2,196.8	2,521.5
OPEC percentage	22.3	23.4	21.8	21.2	22.3	20.2	22.2	22.6	23.7

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	829.4	955.9	1,005.8	1,071.8	1,230.8	1,187.9	1,123.7	1,123.7	1,109.1
Latin America	1,429.2	1,599.9	1,651.6	1,651.4	1,755.2	1,669.7	1,825.5	1,787.1	1,760.1
Eastern Europe	1,584.4	1,561.4	1,519.1	1,169.6	996.2	759.8	913.0	1,018.1	1,007.4
Western Europe	3,245.4	3,331.6	3,443.0	3,637.9	3,673.4	3,855.3	4,047.1	4,090.2	3,693.6
Middle East	2,100.2	2,418.2	2,550.7	2,509.9	2,005.8	2,308.9	2,551.4	2,765.7	3,023.7
Africa	637.1	642.0	726.9	828.4	779.3	845.7	826.3	852.7	867.1
Asia and Pacific	1,333.9	1,354.6	1,539.8	1,608.3	1,665.6	1,821.0	1,968.4	2,088.6	2,344.1
Total world	11,159.6	11,863.6	12,436.9	12,477.3	12,106.2	12,448.3	13,255.5	13,726.0	13,805.2
OPEC	2,886.5	3,368.4	3,574.9	3,600.3	3,130.2	3,395.2	3,588.9	3,800.3	4,216.5
OPEC percentage	25.9	28.4	28.7	28.9	25.9	27.3	27.1	27.7	30.5

	1996	1997	1998	1999	2000	2001	2002	2003	2004*
North America	1,178.7	1,230.3	1,114.3	1,114.3	1,274.7	1,377.5	1,414.6	1,482.1	1,558.2
Latin America	1,832.4	1,988.2	2,122.2	2,106.8	2,094.3	2,201.1	2,002.4	2,068.6	2,156.1
Eastern Europe	1,150.7	1,177.6	1,064.8	1,089.5	1,272.3	1,456.2	1,800.7	1,879.1	1,932.7
Western Europe	3,913.2	4,000.7	4,022.5	4,025.5	4,171.0	4,171.0	4,222.0	4,566.0	4,812.3
Middle East	3,197.3	3,335.9	3,284.2	3,302.1	3,140.3	2,962.6	2,876.0	3,096.7	3,295.2
Africa	871.0	1,049.4	957.6	1,162.2	1,172.7	1,213.6	1,193.8	1,113.9	1,053.0
Asia and Pacific	2,668.2	2,930.8	2,881.0	2,826.2	2,788.5	2,803.6	2,569.8	2,739.1	2,826.1
Total world	14,811.6	15,713.0	15,446.5	15,626.7	15,913.6	16,185.4	16,079.3	16,945.4	17,633.5
OPEC	4,411.7	4,668.0	4,580.2	4,745.3	4,536.8	4,337.8	4,017.6	4,052.2	4,249.8
OPEC percentage	29.8	29.7	29.7	30.4	28.5	26.8	25.0	23.9	24.1

Notes: Data includes re-exports and exports of petroleum products from gas plants. Revisions have been made throughout the time series.

Exports of crude oil and refined products by OPEC Members, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	892.5	985.5	693.4	1,006.8	1,028.7	936.6	939.6	985.2	1,065.0
Indonesia	609.3	724.7	748.6	942.8	1,167.3	1,160.3	1,095.1	1,326.5	1,472.9
IR Iran	3,064.9	3,518.9	4,173.4	4,675.2	5,424.0	5,532.3	4,886.1	5,329.7	4,986.3
Iraq	1,450.3	1,498.9	1,622.4	1,436.5	1,933.3	1,870.3	2,096.3	2,280.4	2,203.1
Kuwait	2,631.8	2,830.9	3,009.4	3,135.5	2,847.3	2,395.7	1,943.9	2,127.8	1,938.1
SP Libyan AJ	3,070.9	3,312.9	2,747.4	2,214.6	2,209.5	1,518.1	1,478.3	1,899.6	2,034.2
Nigeria	544.7	1,055.4	1,494.9	1,758.6	1,993.1	2,183.1	1,718.6	2,024.5	2,044.1
Qatar	353.0	362.8	428.6	481.7	570.3	511.2	428.3	486.6	410.3
Saudi Arabia	3,014.1	3,563.9	4,481.0	5,763.6	7,346.3	8,243.9	6,931.8	8,421.8	8,949.8
United Arab Emirates	624.9	777.0	1,054.8	1,202.7	1,522.1	1,689.5	1,661.4	1,932.8	1,992.8
Venezuela	3,410.8	3,469.6	3,282.3	3,064.9	3,150.1	2,751.9	2,086.2	2,131.9	1,963.9
OPEC	19,667.2	22,100.5	23,736.2	25,682.9	29,192.0	28,792.9	25,265.6	28,946.8	29,060.5
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	1,080.7	1,029.6	863.6	723.6	633.2	552.0	581.5	592.0	631.0
Indonesia	1,392.2	1,224.6	1,150.6	1,148.3	939.7	988.5	1,068.2	855.4	953.1
IR Iran	4,574.6	2,642.0	937.7	854.6	1,804.2	1,775.7	1,578.5	1,607.7	1,464.0
Iraq	2,417.5	3,281.1	2,517.0	925.9	846.1	740.3	916.6	1,097.7	1,401.3
Kuwait	2,088.3	2,506.7	1,639.9	1,094.6	739.2	958.7	1,052.9	968.8	1,281.0
SP Libyan AJ	1,954.0	2,050.6	1,696.7	1,059.9	1,024.0	998.1	989.2	970.5	1,152.9
Nigeria	1,830.9	2,234.1	2,034.8	1,271.8	1,013.7	951.5	1,114.1	1,353.3	1,230.0
Qatar	480.0	501.6	467.5	404.2	334.4	296.3	350.2	308.3	333.0
Saudi Arabia	8,072.8	9,202.5	9,636.4	9,502.8	6,147.0	4,310.0	3,629.0	2,571.1	3,878.8
United Arab Emirates	1,824.2	1,818.3	1,716.9	1,476.7	1,212.7	1,138.0	1,134.4	1,069.8	1,239.4
Venezuela	1,942.2	2,093.5	1,851.8	1,742.1	1,534.1	1,484.3	1,501.2	1,356.6	1,520.8
OPEC	27,657.4	28,584.6	24,512.9	20,204.5	16,228.3	14,193.4	13,915.8	12,751.2	15,085.3
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	605.0	619.0	673.8	733.4	744.7	698.5	682.6	713.2	728.6
Indonesia	888.9	851.5	906.5	924.4	1,028.8	906.4	920.7	1,042.7	1,038.0
IR Iran	1,713.0	1,704.0	2,158.0	2,280.0	2,508.0	2,598.0	2,670.0	2,769.5	2,786.6
Iraq	1,827.0	2,205.0	2,405.0	1,722.2	50.5	76.8	76.8	77.8	81.8
Kuwait	1,160.0	1,333.0	1,540.0	1,025.0	125.0	951.6	1,859.0	1,885.8	1,980.6
SP Libyan AJ	914.5	972.0	995.5	1,240.0	1,360.0	1,350.0	1,252.0	1,255.0	1,253.0
Nigeria	1,080.9	1,131.5	1,555.9	1,580.0	1,641.0	1,615.0	1,589.5	1,615.0	1,703.8
Qatar	255.1	270.0	395.0	421.8	418.2	466.1	456.8	425.6	431.0
Saudi Arabia	3,325.5	4,171.1	4,408.1	5,805.6	7,752.4	7,869.5	7,678.6	7,593.7	7,612.4
United Arab Emirates	1,353.3	1,438.5	1,744.0	1,926.6	2,194.4	2,233.0	2,130.0	2,110.0	2,194.1
Venezuela	1,504.2	1,595.2	1,604.0	1,858.8	2,093.3	2,044.2	2,172.5	2,329.9	2,508.2
OPEC	14,627.4	16,290.8	18,385.8	19,517.9	19,916.3	20,809.1	21,488.5	21,818.2	22,318.1
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Algeria	796.9	835.4	1,011.3	1,014.2	1,005.3	997.3	1,093.5	1,269.3	1,339.2
Indonesia	1,003.8	967.0	898.8	973.8	811.3	795.5	792.3	588.3	556.2
IR Iran	2,802.5	2,812.9	2,789.8	2,653.9	2,839.5	2,492.3	2,421.6	2,729.5	3,023.6
Iraq	111.7	765.5	1,440.6	2,153.9	2,062.8	1,735.2	1,517.1	399.1	1,461.5
Kuwait	1,975.7	1,982.2	1,985.0	1,786.7	1,905.2	1,856.4	1,710.2	1,866.0	2,019.0
SP Libyan AJ	1,248.7	1,263.6	1,329.6	1,192.9	1,242.0	1,212.6	1,204.6	1,271.9	1,446.0
Nigeria	1,835.5	1,880.8	1,836.7	1,719.2	2,033.7	2,075.2	1,876.4	2,231.2	2,422.9
Qatar	474.0	526.5	667.5	655.8	692.9	683.6	635.1	602.2	607.6
Saudi Arabia	7,601.3	7,577.4	7,759.3	6,999.3	7,481.2	7,118.4	6,278.1	7,651.5	8,147.5
United Arab Emirates	2,215.1	2,272.1	2,358.1	2,250.0	2,206.6	2,184.9	2,099.5	2,561.6	2,675.6
Venezuela	2,718.5	3,052.3	3,090.1	2,751.0	2,783.1	2,725.8	2,141.7	2,020.0	2,140.0
OPEC	22,783.7	23,935.7	25,166.9	24,150.8	25,063.5	23,877.2	21,770.2	23,190.6	25,839.1

Notes: Data includes re-exports and exports of petroleum products from gas plants.

World exports of crude oil and refined products by region, 1969–2004 (1,000 b/d)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	707.2	980.7	1,018.7	1,247.0	1,453.2	1,210.2	997.2	790.0	713.4
Latin America	4,909.9	5,168.8	5,032.3	4,945.4	5,386.7	4,863.5	3,949.5	4,084.7	4,033.6
Eastern Europe	1,928.8	2,006.5	2,161.5	2,226.6	2,445.0	2,413.7	2,701.9	3,212.2	3,431.7
Western Europe	1,908.7	2,533.9	2,537.7	2,789.0	3,075.9	2,711.9	2,495.0	2,785.7	3,166.8
Middle East	11,846.6	13,290.6	15,421.4	17,328.3	20,284.2	20,935.6	18,685.0	21,359.1	21,243.5
Africa	4,929.7	5,939.9	5,481.8	5,500.2	5,787.9	5,248.3	4,811.4	5,609.2	5,913.7
Asia and Pacific	1,179.1	1,359.7	1,528.8	1,789.4	2,061.2	2,079.8	2,016.8	2,350.2	2,612.3
Total world	27,410.0	31,280.1	33,182.2	35,825.9	40,494.1	39,463.0	35,656.8	40,191.1	41,115.0
OPEC	19,667.2	22,100.5	23,736.2	25,682.9	29,192.0	28,792.9	25,265.6	28,946.8	29,060.5
OPEC percentage	71.8	70.7	71.5	71.7	72.1	73.0	70.9	72.0	70.7

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	818.4	998.6	989.6	997.1	1,247.2	1,248.8	1,311.3	1,505.4	1,549.4
Latin America	4,053.7	4,308.9	4,429.9	4,479.8	4,598.6	4,574.5	4,578.8	4,086.5	4,103.5
Eastern Europe	3,453.0	3,649.8	3,775.0	3,764.2	3,843.5	4,015.5	4,026.5	3,671.4	4,088.0
Western Europe	3,369.9	4,037.2	3,997.8	4,245.7	4,607.6	5,015.9	5,239.4	5,336.4	5,860.5
Middle East	20,191.6	20,664.9	17,610.5	15,016.4	11,786.3	9,954.1	9,421.8	8,452.4	10,523.3
Africa	5,636.9	6,109.6	5,473.3	3,913.8	3,542.5	3,471.3	3,833.3	4,187.0	4,262.4
Asia and Pacific	2,683.9	2,667.5	2,609.4	2,571.8	2,623.5	2,787.9	3,174.0	3,110.8	3,254.9
Total world	40,207.4	42,436.5	38,885.5	34,988.8	32,249.2	31,067.9	31,585.1	30,349.9	33,642.0
OPEC	27,657.4	28,584.6	24,512.9	20,204.5	16,228.3	14,193.4	13,915.8	12,751.2	15,085.3
OPEC percentage	68.8	67.4	63.0	57.7	50.3	45.7	44.1	42.0	44.8

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	1,600.4	1,820.3	1,794.1	1,834.8	2,109.5	2,114.3	2,139.2	2,205.0	2,261.6
Latin America	4,193.5	4,335.0	4,367.6	4,652.4	4,974.8	5,009.7	5,321.7	5,530.3	5,835.5
Eastern Europe	4,269.0	4,384.3	4,021.2	3,302.5	2,211.2	2,239.5	2,715.0	2,896.2	2,896.3
Western Europe	5,842.9	5,844.2	5,904.3	6,288.5	6,608.9	7,034.1	7,522.9	8,262.5	7,974.9
Middle East	10,634.6	12,276.4	13,919.9	14,588.9	14,443.1	15,641.8	16,439.9	16,529.7	16,819.2
Africa	3,997.2	4,173.5	4,776.0	5,192.7	5,477.2	5,445.4	5,360.9	5,254.2	5,439.3
Asia and Pacific	3,214.1	3,247.7	3,418.3	3,707.4	3,969.1	4,049.9	4,213.6	4,390.1	4,629.0
Total world	33,751.7	36,081.4	38,201.4	39,567.2	39,793.7	41,534.8	43,713.3	45,068.0	45,855.8
OPEC	14,627.4	16,290.8	18,385.8	19,517.9	19,916.3	20,809.1	21,488.5	21,818.2	22,318.1
OPEC percentage	43.3	45.2	48.1	49.3	50.0	50.1	49.2	48.4	48.7

	1996	1997	1998	1999	2000	2001	2002	2003	2004*
North America	2,361.0	2,369.9	2,373.0	2,282.3	2,501.4	2,527.9	2,862.0	3,057.8	3,165.0
Latin America	6,418.0	7,049.9	7,310.7	6,822.3	7,133.8	7,262.0	6,613.3	6,845.3	6,982.5
Eastern Europe	3,219.7	3,355.5	4,110.1	4,530.4	5,417.2	6,050.0	7,384.4	8,361.3	9,082.9
Western Europe	8,321.9	8,554.6	8,533.4	8,672.1	9,131.4	9,024.9	8,987.2	8,939.3	8,985.9
Middle East	17,017.3	17,826.1	18,881.9	18,449.1	19,156.8	18,091.8	16,644.9	17,804.5	19,947.2
Africa	5,747.4	6,085.2	6,184.3	6,025.9	6,346.0	6,396.0	6,348.2	6,946.2	7,415.1
Asia and Pacific	4,883.0	5,206.4	5,091.7	5,048.3	5,054.6	5,016.4	4,813.9	4,714.6	4,747.1
Total world	47,968.5	50,447.5	52,485.1	51,830.5	54,741.2	54,369.0	53,653.9	56,668.9	60,325.6
OPEC	22,783.7	23,935.7	25,166.9	24,150.8	25,063.5	23,877.2	21,770.2	23,190.6	25,839.1
OPEC percentage	47.5	47.4	48.0	46.6	45.8	43.9	40.6	40.9	42.8

Notes: Data includes re-exports and exports of petroleum products from gas plants. Revisions have been made throughout the time series.

Natural gas exports by OPEC Members, 1969–2004 (million standard cu m)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
Algeria	1,790	1,532	1,445	2,488	2,484	2,868	3,417	4,598	4,818
Indonesia	–	–	–	–	–	–	–	–	661
IR Iran	–	864	5,036	7,350	8,143	8,143	9,570	9,270	9,260
Iraq	–	–	–	–	–	–	–	–	–
Kuwait	–	–	–	–	–	–	–	–	–
SP Libyan AJ	–	–	482	2,274	3,160	3,600	3,330	4,240	4,100
Nigeria	–	–	–	–	–	–	–	–	–
Qatar	–	–	–	–	–	–	–	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–
United Arab Emirates	–	–	–	–	–	–	–	–	516
Venezuela	–	–	–	–	–	–	–	–	–
OPEC	1,790	2,396	6,963	12,112	13,787	14,611	16,317	18,108	19,355
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Algeria	6,170	11,150	6,352	7,081	10,001	18,361	18,924	21,640	20,440
Indonesia	5,022	8,323	11,480	11,753	12,332	12,962	18,978	20,250	20,342
IR Iran	7,250	4,360	220	256	–	–	–	–	–
Iraq	–	–	–	–	–	–	–	–	650
Kuwait	–	–	–	–	–	–	–	–	–
SP Libyan AJ	3,675	3,626	2,134	998	1,103	770	970	1,230	860
Nigeria	–	–	–	–	–	–	–	–	–
Qatar	–	–	–	–	–	–	–	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–
United Arab Emirates	1,698	1,676	2,604	2,646	2,981	2,476	2,874	3,036	3,004
Venezuela	–	–	–	–	–	–	–	–	–
OPEC	23,815	29,135	22,790	22,734	26,417	34,569	41,746	46,156	45,296
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Algeria	25,750	26,120	29,420	31,330	33,890	35,488	35,054	31,693	37,356
Indonesia	22,121	24,580	24,870	27,530	29,710	31,630	31,800	35,150	33,310
IR Iran	–	–	–	1,500	3,010	–	500	–	100
Iraq	2,750	3,100	3,600	2,000	–	–	–	–	–
Kuwait	–	–	–	–	–	–	–	–	–
SP Libyan AJ	800	1,060	1,430	1,240	1,580	1,840	1,600	1,480	1,490
Nigeria	–	–	–	–	–	–	–	–	–
Qatar	–	–	–	–	–	–	–	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–
United Arab Emirates	2,869	3,180	3,110	3,200	3,450	3,420	3,350	4,150	6,530
Venezuela	–	–	–	–	–	–	–	–	–
OPEC	54,290	58,040	62,430	66,800	71,640	72,378	72,304	72,473	78,786
	1996	1997	1998	1999	2000	2001	2002	2003	2004*
Algeria	40,970	48,740	52,690	59,320	61,693	56,975	57,864	59,850	59,637
Indonesia	35,280	35,280	36,400	39,120	36,220	32,910	37,685	39,400	39,600
IR Iran	100	–	–	–	–	358	670	3,413	3,600
Iraq	–	–	–	–	–	–	–	–	–
Kuwait	–	–	–	–	–	–	–	–	–
SP Libyan AJ	1,200	1,120	910	960	800	790	630	750	1,100
Nigeria	–	–	–	740	5,730	8,690	8,633	11,790	12,600
Qatar	–	2,860	4,790	8,100	14,040	16,540	18,390	20,245	24,100
Saudi Arabia	–	–	–	–	–	–	–	–	–
United Arab Emirates	6,740	7,310	6,720	7,070	6,950	7,460	7,113	7,187	7,380
Venezuela	–	–	–	–	–	–	–	–	–
OPEC	84,290	95,310	101,510	115,310	125,433	123,723	130,985	142,635	148,017

Note: Totals may not add up due to independent rounding.

World natural gas exports by region, 1969–2004 (million standard cu m)

	1969	1970	1971	1972	1973	1974	1975	1976	1977
North America	20,712	24,027	28,113	30,790	31,292	29,332	28,906	28,835	29,815
Latin America	1,326	1,171	586	1,128	1,447	1,386	1,389	1,786	2,012
Eastern Europe	2,773	3,237	4,355	4,817	6,368	12,587	17,279	22,482	24,614
Western Europe	7,202	10,919	16,879	23,832	31,519	42,141	48,956	52,825	55,539
Middle East	–	864	5,036	7,350	8,143	8,143	9,570	9,270	9,776
Africa	1,790	1,532	1,927	4,762	5,644	6,468	6,747	8,838	8,918
Asia and Pacific	2,069	2,368	2,300	2,728	4,078	6,239	7,595	9,244	10,982
Total world	35,872	44,118	59,196	75,407	88,491	106,296	120,442	133,280	141,656
OPEC	1,790	2,396	6,963	12,112	13,787	14,611	16,317	18,108	19,355
OPEC percentage	5.0	5.4	11.8	16.1	15.6	13.7	13.5	13.6	13.7

	1978	1979	1980	1981	1982	1983	1984	1985	1986
North America	26,452	29,925	23,935	23,262	23,649	21,707	22,941	27,662	22,712
Latin America	2,103	1,638	4,948	5,270	4,981	4,352	3,708	2,210	2,210
Eastern Europe	26,995	41,260	53,457	57,853	60,619	59,354	66,888	69,250	77,400
Western Europe	63,048	73,904	74,847	69,734	62,553	65,061	70,514	68,135	61,670
Middle East	8,948	6,036	2,824	2,902	2,981	2,476	2,874	3,036	3,654
Africa	9,845	14,776	8,486	8,079	11,104	19,131	19,894	22,870	21,300
Asia and Pacific	14,993	18,492	22,514	21,556	21,889	24,144	32,904	35,509	36,453
Total world	152,384	186,031	191,011	188,656	187,776	196,225	219,723	228,672	225,399
OPEC	23,815	29,135	22,790	22,734	26,417	34,569	41,746	46,156	45,296
OPEC percentage	15.6	15.7	11.9	12.1	14.1	17.6	19.0	20.2	20.1

	1987	1988	1989	1990	1991	1992	1993	1994	1995
North America	29,423	37,660	40,410	43,130	51,030	63,680	67,545	75,340	83,791
Latin America	2,270	2,230	2,210	2,200	2,220	2,200	2,127	2,180	2,178
Eastern Europe	83,480	88,830	103,480	110,200	105,200	99,100	100,900	106,730	117,270
Western Europe	63,390	59,210	64,810	62,240	67,710	71,910	74,440	73,870	71,370
Middle East	5,619	6,280	6,710	6,700	6,460	3,420	3,850	4,160	7,130
Africa	26,550	27,180	30,850	32,570	35,470	37,328	36,654	33,173	38,846
Asia and Pacific	38,698	41,110	41,600	47,290	51,470	55,810	57,930	64,040	66,660
Total world	249,430	262,500	290,070	304,330	319,560	333,448	343,446	359,493	387,245
OPEC	54,290	58,040	62,430	66,800	71,640	72,378	72,304	72,473	78,786
OPEC percentage	21.8	22.1	21.5	21.9	22.4	21.7	21.1	20.2	20.3

	1996	1997	1998	1999	2000	2001	2002	2003	2004*
North America	85,638	86,370	90,630	99,240	108,445	117,781	122,220	118,444	123,533
Latin America	2,436	2,981	3,825	8,750	10,540	13,870	16,000	23,260	29,700
Eastern Europe	123,460	116,450	121,100	127,490	131,670	130,590	130,410	139,276	153,600
Western Europe	90,120	89,660	88,480	95,500	109,490	114,380	131,340	145,640	154,170
Middle East	7,340	10,670	12,010	15,670	23,700	31,788	34,633	40,455	45,280
Africa	42,170	49,860	53,600	61,020	68,223	66,455	67,127	72,790	74,437
Asia and Pacific	72,700	74,830	76,000	79,490	78,480	78,600	83,755	91,430	98,100
Total world	423,864	430,821	445,645	487,160	530,548	553,464	585,485	631,295	678,820
OPEC	84,290	95,310	101,510	115,310	125,433	123,723	130,985	142,635	148,017
OPEC percentage	19.9	22.1	22.8	23.7	23.6	22.4	22.4	22.6	21.8

Note: Totals may not add up due to independent rounding.

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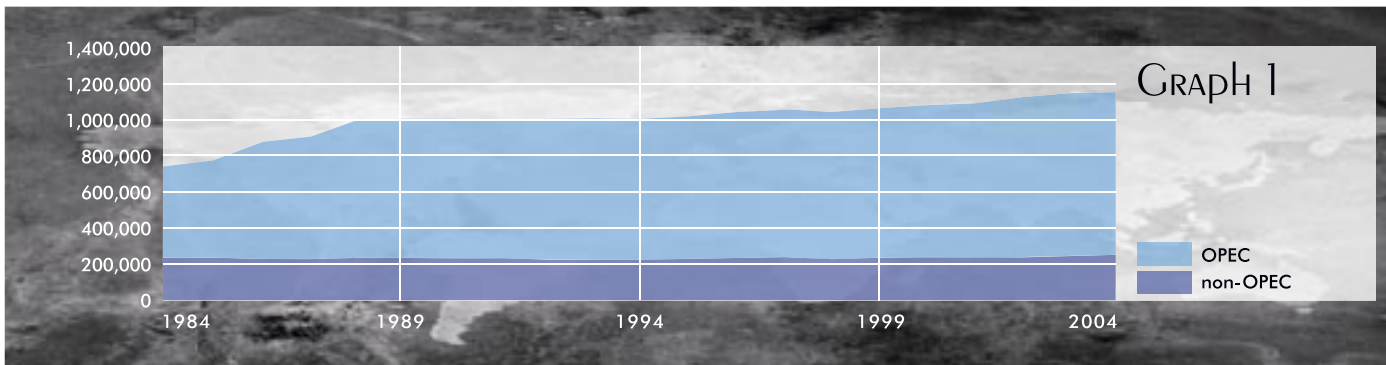
World proven crude oil reserves by country, 2000–2004 (m b)

	2000	2001	2002	2003	2004	% change 04/03
North America	26,900.9	27,101.1	27,167.0	27,200.0	26,191.0	-3.7
Canada ¹	4,855.9	4,655.1	4,490.0	4,500.0	4,300.0	-4.4
United States	22,045.0	22,446.0	22,677.0	22,700.0	21,891.0	-3.6
Latin America	122,202.6	124,593.0	117,529.0	117,045.2	118,952.2	1.6
Argentina	2,974.0	2,879.0	2,821.0	2,675.0	2,675.0	-
Brazil	8,465.0	8,496.0	9,805.0	10,602.0	11,243.0	6.0
Colombia	1,970.0	1,840.0	1,632.0	1,542.0	1,542.0	-
Ecuador	4,566.0	4,630.0	5,060.0	5,060.0	5,060.0	-
Mexico	24,384.0	25,425.0	17,196.0	16,040.0	14,803.0	-7.7
Venezuela	76,848.1	77,685.0	77,307.0	77,226.2	79,729.2	3.2
Others	2,995.5	3,638.0	3,708.0	3,900.0	3,900.0	-
Eastern Europe	79,558.7	81,431.4	87,408.5	90,433.5	91,467.5	1.1
Former USSR	77,704.0	80,046.0	86,050.0	89,075.0	90,109.0	1.2
Others	1,854.7	1,385.4	1,358.5	1,358.5	1,358.5	-
Western Europe	19,250.6	19,410.3	18,403.5	18,037.6	17,391.6	-3.6
Denmark	1,069.3	1,113.3	1,347.0	1,277.0	1,320.0	3.4
Italy	621.8	621.8	621.7	621.7	621.7	-
Norway	11,343.0	11,553.0	10,401.0	10,099.0	9,637.0	-4.6
United Kingdom	5,002.8	4,930.0	4,715.0	4,665.0	4,487.0	-3.8
Others	1,213.7	1,192.2	1,318.8	1,374.9	1,325.9	-3.6
Middle East	694,578.9	698,638.3	730,102.3	735,083.3	739,135.6	0.6
IR Iran	99,530.0	99,080.0	130,690.0	133,250.0	132,460.0	-0.6
Iraq	112,500.0	115,000.0	115,000.0	115,000.0	115,000.0	-
Kuwait	96,500.0	96,500.0	96,500.0	99,000.0	101,500.0	2.5
Oman	5,848.0	5,900.0	5,706.0	5,572.0	5,572.0	-
Qatar	13,157.0	15,207.0	15,207.0	15,207.0	15,207.0	-
Saudi Arabia	262,766.0	262,697.0	262,790.0	262,730.0	264,310.0	0.6
Syrian Arab Republic	2,325.0	2,325.0	2,280.0	2,395.0	3,159.0	31.9
United Arab Emirates	97,800.0	97,800.0	97,800.0	97,800.0	97,800.0	-
Others	4,152.9	4,129.3	4,129.3	4,129.3	4,127.6	-
Africa	92,415.2	95,876.5	103,859.3	111,205.2	111,645.6	0.4
Algeria	11,314.0	11,314.0	11,314.0	11,800.0	11,350.0	-3.8
Angola	5,972.0	6,500.0	8,900.0	8,801.0	8,801.0	-
Egypt	3,700.0	3,700.0	3,700.0	3,700.0	3,700.0	-
Gabon	2,420.0	2,400.0	2,370.0	2,370.0	2,499.0	5.4
SP Libyan AJ	36,000.0	36,000.0	36,000.0	39,126.0	39,126.0	-
Nigeria	29,000.0	31,506.0	34,349.0	35,254.9	35,876.2	1.8
Others	4,009.2	4,456.5	7,226.3	10,153.3	10,293.3	1.4
Asia and Pacific	39,477.5	39,711.9	39,836.5	39,416.7	39,229.7	-0.5
Australia	2,895.0	3,500.0	3,500.0	3,500.0	3,500.0	-
Brunei	1,350.0	1,350.0	1,350.0	1,350.0	1,350.0	-
China	17,945.0	17,568.0	17,363.0	17,070.0	17,070.0	-
India	5,290.0	5,510.0	5,580.0	5,730.0	5,565.0	-2.9
Indonesia	5,122.6	5,094.6	4,721.8	4,319.7	4,300.7	-0.4
Malaysia	3,420.0	3,000.0	3,000.0	3,000.0	3,000.0	-
Others	3,454.9	3,689.3	4,321.7	4,447.0	4,444.0	-0.1
Total world	1,074,384.4	1,086,762.6	1,124,306.1	1,138,421.5	1,144,013.1	0.5
OPEC	840,537.7	847,883.6	881,678.8	890,713.8	896,659.1	0.7
OPEC percentage	78.2	78.0	78.4	78.2	78.4	

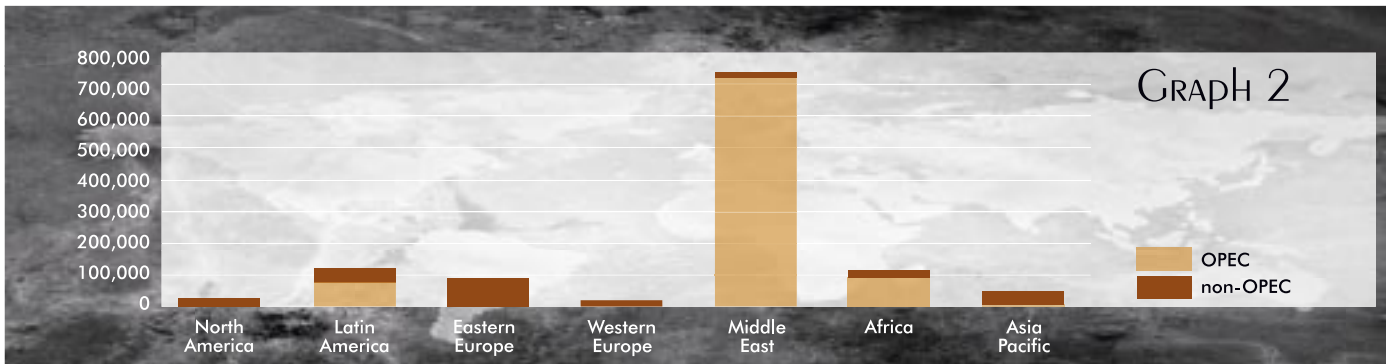
Notes: Figures as at year-end. Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

1. Data refers to conventional crude oil.

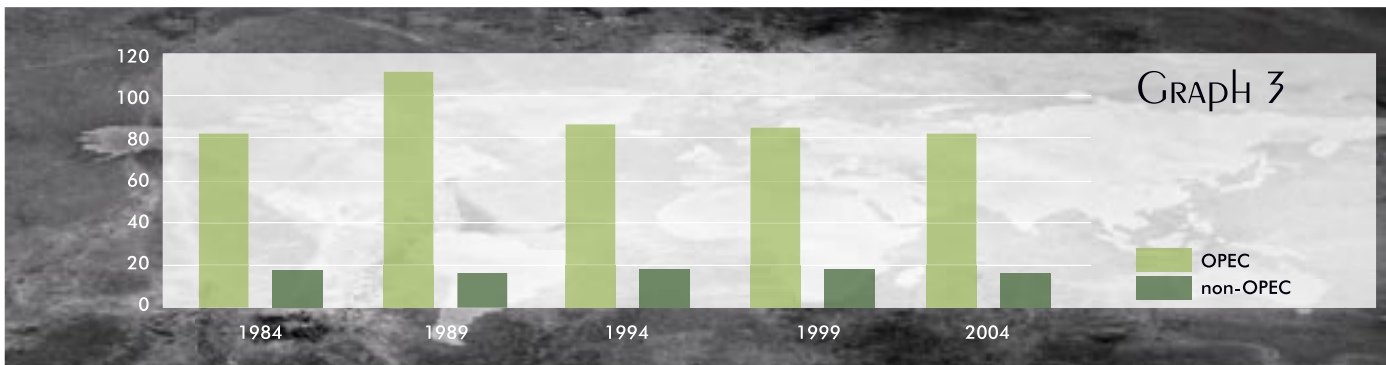
World proven crude oil reserves, 1984–2004 (m b)



Crude oil reserves by region, 2004 (m b)



Crude oil reserves to production ratios, 1984–2004 (years)



World proven natural gas reserves by country, 2000–2004 (billion standard cu m)

	2000	2001	2002	2003	2004	% change 04/03
North America	6,707.7	6,889.5	6,958.6	6,966	6,956.0	-0.1
Canada	1,682.9	1,693.8	1,664.2	1,672.0	1,603.0	-4.1
United States	5,024.8	5,195.7	5,294.4	5,294.0	5,353.0	1.1
Latin America	7,813.7	7,919.2	7,649.0	7,599.1	7,858.5	3.4
Argentina	778.0	764.0	664.0	616.0	613.0	-0.5
Bolivia	675.0	775.0	813.0	782.0	890.0	13.8
Mexico	835.0	797.0	424.0	421.0	421.0	-
Trinidad & Tobago	557.0	576.0	733.0	736.0	736.0	-
Venezuela	4,152.4	4,180.0	4,180.8	4,218.8	4,287.3	1.6
Others	816.2	827.2	834.2	825.2	911.2	10.4
Eastern Europe	56,561.8	56,713.8	56,899.8	56,782.1	57,511.1	1.3
Hungary	32.0	34.0	30.0	34.3	34.3	-
Poland	152.0	115.0	116.0	116.0	115.0	-0.9
Romania	335.0	322.0	311.0	305.0	305.0	-
Former USSR	56,015.0	56,215.0	56,415.0	56,300.0	57,029.0	1.3
Others	27.8	27.8	27.8	26.8	27.8	3.7
Western Europe	7,050.1	6,952.8	6,665.6	6,262.6	6,302.9	0.6
Denmark	144.0	141.0	129.0	136.0	136.0	-
Germany	325.6	364.3	319.9	305.9	279.0	-8.8
Italy	199.0	191.0	210.0	190.0	166.0	-12.6
Netherlands	1,655.0	1,616.0	1,567.0	1,672.0	1,755.8	5.0
Norway	3,841.0	3,833.0	3,667.0	3,188.0	3,188.0	-
United Kingdom	740.0	660.0	630.0	630.0	630.0	-
Others	145.5	147.5	142.7	140.7	148.1	5.3
Middle East	59,811.0	71,374.6	71,738.0	72,760.2	72,896.4	0.2
IR Iran	26,600.0	26,600.0	26,690.0	27,570.0	27,500.0	-0.3
Iraq	3,109.0	3,109.0	3,190.0	3,170.0	3,170.0	-
Kuwait	1,557.0	1,557.0	1,557.0	1,572.0	1,572.0	-
Qatar	14,443.0	25,783.0	25,783.0	25,783.0	25,783.0	-
Saudi Arabia	6,301.0	6,455.6	6,646.0	6,754.2	6,834.4	1.2
United Arab Emirates	6,060.0	6,060.0	6,060.0	6,060.0	6,060.0	-
Others	1,741.0	1,810.0	1,812.0	1,851.0	1,977.0	6.8
Africa	12,463.3	13,232.0	13,880.6	13,992.3	14,298.0	2.2
Algeria	4,523.0	4,523.0	4,523.0	4,545.0	4,545.0	-
Egypt	1,433.0	1,557.0	1,657.0	1,725.0	1,854.0	7.5
SP Libyan AJ	1,314.0	1,314.0	1,503.0	1,491.0	1,491.0	-
Nigeria	4,106.0	4,632.7	4,997.3	5,055.0	5,228.9	3.4
Others	1,087.3	1,205.3	1,200.3	1,176.3	1,179.1	0.2
Asia and Pacific	13,538.0	13,906.0	14,583.0	15,524.0	15,893.8	2.4
Australia	3,530.0	3,550.0	3,930.0	3,930.0	3,930.0	-
China	1,367.0	1,368.0	1,510.0	2,229.0	2,229.0	-
India	650.0	735.0	751.0	854.0	923.0	8.1
Indonesia	2,682.0	2,603.0	2,557.0	2,557.0	2,768.8	8.3
Malaysia	2,337.0	2,480.0	2,520.0	2,464.0	2,464.0	-
Pakistan	677.0	745.0	760.0	790.0	798.0	1.0
Others	2,295.0	2,425.0	2,555.0	2,700.0	2,781.0	3.0
Total world	163,945.6	176,987.9	178,374.6	179,886.3	181,716.7	1.0
OPEC	74,847.4	86,817.3	87,687.1	88,776.0	89,240.4	0.5
OPEC percentage	45.7	49.1	49.2	49.4	49.1	

Notes: Figures as at year-end. Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

Active rigs in OPEC Members and in world, 2000–2004

	2000	2001	2002	2003	2004	% change 04/03
Algeria	17	19	21	20	20	–
Indonesia	34	49	53	42	51	21.4
IR Iran	27	33	34	39	40	2.6
Iraq	9	9	–	–	–	–
Kuwait	13	13	13	8	12	50.0
SP Libyan AJ	14	19	10	11	10	–9.1
Nigeria	10	9	12	9	11	22.2
Qatar	5	10	11	8	11	37.5
Saudi Arabia	27	32	33	31	34	9.7
United Arab Emirates	24	28	26	16	14	–12.5
Venezuela	73	60	30	45	69	53.3
OPEC	253	281	243	229	272	18.8
North America	1,510	1,085	1,144	1,457	1,703	16.9
Canada	410	198	281	332	461	38.9
United States	1,100	887	863	1,125	1,242	10.4
Latin America	257	255	215	264	306	15.9
Argentina	68	62	56	60	74	23.3
Bolivia	10	6	5	5	4	–20.0
Brazil	25	27	26	24	26	8.3
Chile	1	1	1	–	–	–
Colombia	14	16	10	11	13	18.2
Ecuador	9	12	8	7	12	71.4
Mexico	46	63	80	107	103	–3.7
Trinidad & Tobago	6	5	2	3	3	–
Western Europe	73	83	60	78	58	–25.6
France	1	–	–	1	1	–
Germany	2	5	4	2	2	–
Italy	7	7	5	7	5	–28.6
Netherlands	5	8	5	5	4	–20.0
Norway	24	24	15	17	14	–17.6
United Kingdom	19	23	23	21	16	–23.8
Middle East	165	180	169	171	187	9.4
Bahrain	3	1	–	–	–	–
Oman	26	27	32	37	36	–2.7
Syrian Arab Republic	23	19	24	24	23	–4.2
Yemen	6	7	11	7	12	71.4
Africa	77	83	85	96	84	–12.5
Angola	7	4	2	7	3	–57.1
Egypt	20	24	24	27	31	14.8
Gabon	2	1	2	3	2	–33.3
South Africa	–	1	–	1	–	–
Asia and Pacific	156	170	197	189	200	5.8
Australia	12	10	10	13	2	–84.6
Brunei	2	2	3	2	2	–
India	51	50	58	62	76	22.6
Malaysia	10	10	15	14	11	–21.4
New Zealand	2	2	1	2	3	50.0
Pakistan	10	5	13	12	12	–
World¹	2,238	1,856	1,870	2,255	2,538	12.5
OPEC percentage	11.3	15.1	13.0	10.2	10.7	

Notes: Figures as at year-end. Regional totals include all countries in the area. Revisions have been made throughout the time series.

1. Excluding Eastern Europe.

Wells completed in OPEC Members, 2000–2004

	2000	2001	2002	2003	2004*	% change 04/03
Algeria	137	148	172	179	175	-2.2
Oil	74	86	100	104	102	-1.9
Gas	35	35	40	42	41	-2.4
Dry	28	27	22	20	20	-
Others	-	-	10	13	12	-7.7
Average depth (ft)	10,161	11,155	9,598	11,154	10,636	-4.6
Indonesia	1,031	1,200	848	913	518	-43.3
Oil	771	855	547	558	262	-53.0
Gas	46	85	60	42	144	242.9
Dry	40	62	24	25	16	-36.0
Others	174	198	217	288	96	-66.7
Average depth (ft)	3,300	3,324	3,290	3,079	3,313	7.6
IR Iran	150	99	135	131	137	4.6
Oil	95	73	73	59	68	15.3
Gas	-	18	13	8	8	-
Dry	-	1	-	2	2	-
Others	55	7	49	62	59	-4.8
Average depth (ft)	6,301	9,229	7,184	6,552	6,994	6.7
Iraq	14	16	na	na	na	na
Oil	na	na	na	na	na	na
Gas	na	na	na	na	na	na
Dry	na	na	na	na	na	na
Others	na	na	na	na	na	na
Average depth (ft)	na	na	na	na	na	na
Kuwait	138	100	91	109	140	28.4
Oil	128	93	66	94	122	29.8
Gas	-	-	-	-	-	-
Dry	-	-	-	-	-	-
Others	10	7	25	15	18	20.0
Average depth (ft)	7,643	7,580	8,165	8,200	7,982	-2.7
SP Libyan AJ	109	97	100	126	128	1.6
Oil	71	78	60	80	81	1.3
Gas	2	2	18	28	29	3.6
Dry	25	9	11	9	9	-
Others	11	8	11	9	9	-
Average depth (ft)	7,796	7,600	8,480	6,702	7,594	13.3
Nigeria	85	110	119	207	206	-0.6
Oil	62	80	83	200	190	-5.2
Gas	3	4	5	7	6	-11.4
Dry	10	13	15	-	6	-
Others	10	13	16	-	4	-
Average depth (ft)	9,311	9,000	9,000	9,019	9,006	-0.1
Qatar	66	87	96	74	52	-29.7
Oil	40	61	57	42	43	2.4
Gas	12	1	7	7	7	-
Dry	2	4	1	3	1	-66.7
Others	12	21	31	22	1	-95.5
Average depth (ft)	7,410	9,165	12,363	12,364	11,297	-8.6
Saudi Arabia	257	265	250	330	335	1.4
Oil	na	na	162	214	217	1.4
Gas	na	na	45	59	61	3.1
Dry	na	na	9	11	11	-3.3
Others	na	na	34	46	46	-
Average depth (ft)	8,049	8,100	8,150	8,109	8,120	0.1

Wells completed in OPEC Members, 2000–2004

	2000	2001	2002	2003	2004*	% change 04/03
Saudi-Kuwaiti Neutral Zone	40	50	35	40	45	12.5
Oil	37	43	31	36	40	11.1
Gas	–	–	–	–	–	–
Dry	1	2	1	1	1	–
Others	2	5	3	3	4	33.3
Average depth (ft)	7,020	6,500	6,500	6,500	6,500	–
United Arab Emirates	87	92	101	103	95	–7.8
Oil	43	46	53	54	50	–7.4
Gas	30	30	32	34	33	–2.9
Dry	2	4	2	4	3	–25.0
Others	12	12	14	11	9	–18.2
Average depth (ft)	9,110	9,150	8,931	8,925	9,002	0.9
Venezuela	691	1,278	958	615	748	21.6
Oil	564	989	742	475	564	18.7
Gas	–	1	3	3	4	–
Dry	2	6	5	7	9	21.4
Others	125	282	208	130	172	31.9
Average depth (ft)	5,866	6,531	6,534	6,535	5,193	–20.5
OPEC	2,805	3,542	2,905	2,827	2,579	–8.8
Oil	1,885	2,404	1,974	1,916	1,739	–9.3
Gas	128	176	223	230	334	44.9
Dry	110	128	90	82	78	–5.6
Others	411	553	618	599	429	–28.4
Average depth (ft)	5,773	7,939	8,018	7,243	7,734	6.8
Total world^{1,2}	60,095	67,817	64,553	70,526	76,543	8.5
Oil	17,338	17,971	16,680	18,376	19,950	8.6
Gas	22,861	30,614	27,564	34,424	37,500	8.9
Dry	6,280	6,192	5,050	5,943	6,450	8.5
Others	3,227	2,128	4,821	1,259	1,400	11.2
Average depth (ft)	5,054	5,212	5,202	5,156	5,190	0.7

Notes: Others = service and suspended wells. Figures include development and exploration wells.

1. Excluding Eastern Europe.

2. Summation of wells by category may not equal total due to unavailability of individual data for some countries.

Producing wells in OPEC Members, 2000–2004

	2000	2001	2002	2003	2004*	% change 04/03
Algeria	1,235	1,284	1,295	1,400	1,446	3.3
Flowing	930	967	973	1,052	1,094	4.0
Artificial lift	305	317	322	348	352	1.1
Indonesia	9,341	9,150	9,075	8,275	8,763	5.9
Flowing	1,511	1,465	1,395	1,272	1,569	23.3
Artificial lift	7,830	7,685	7,680	7,003	7,194	2.7
IR Iran	1,287	1,416	1,331	1,415	1,468	3.7
Flowing	1,287	1,416	1,331	1,415	1,468	3.7
Artificial lift	–	–	–	–	–	–
Iraq	na	na	na	na	na	na
Flowing	na	na	na	na	na	na
Artificial lift	na	na	na	na	na	na
Kuwait	785	805	800	950	980	3.2
Flowing	785	805	800	950	980	3.2
Artificial lift	–	–	–	–	–	–
SP Libyan AJ	1,436	1,545	1,498	1,535	1,570	2.3
Flowing	904	1,004	938	965	991	2.7
Artificial lift	532	541	560	570	580	1.8
Nigeria	2,109	2,430	2,463	2,650	2,769	4.5
Flowing	1,779	2,030	1,883	2,060	2,110	2.4
Artificial lift	330	400	580	590	659	11.7
Qatar	415	442	468	564	568	0.7
Flowing	325	307	309	337	324	–3.9
Artificial lift	90	135	159	227	244	7.5
Saudi Arabia	1,550	1,575	1,525	1,780	1,757	–1.3
Flowing	1,457	1,480	1,430	1,670	1,641	–1.7
Artificial lift	93	95	95	110	116	5.5
Saudi–Kuwaiti Neutral Zone	550	615	600	650	702	8.0
Flowing	210	218	213	230	237	3.0
Artificial lift	340	397	387	420	465	10.7
United Arab Emirates	1,505	1,410	1,417	1,546	1,507	–2.5
Flowing	1,143	1,063	1,068	1,159	1,130	–2.5
Artificial lift	362	347	349	387	377	–2.6
Venezuela	15,506	14,987	12,982	11,550	12,050	4.3
Flowing	1,223	665	570	515	285	–44.6
Artificial lift	14,283	14,322	12,412	11,035	11,765	6.6
OPEC²	35,719	35,659	33,454	32,315	33,580	3.9
Flowing	11,554	11,420	10,910	11,625	11,829	1.8
Artificial lift	24,165	24,239	22,544	20,690	21,752	5.1
Total world^{1,2}	759,620	758,140	764,438	755,683	753,611	–0.3
Flowing	46,696	44,158	45,395	48,775	46,582	–4.5
Artificial lift	712,924	713,062	718,148	705,950	707,030	0.2

Notes: Excluding shut-in wells. Figures as at year-end.

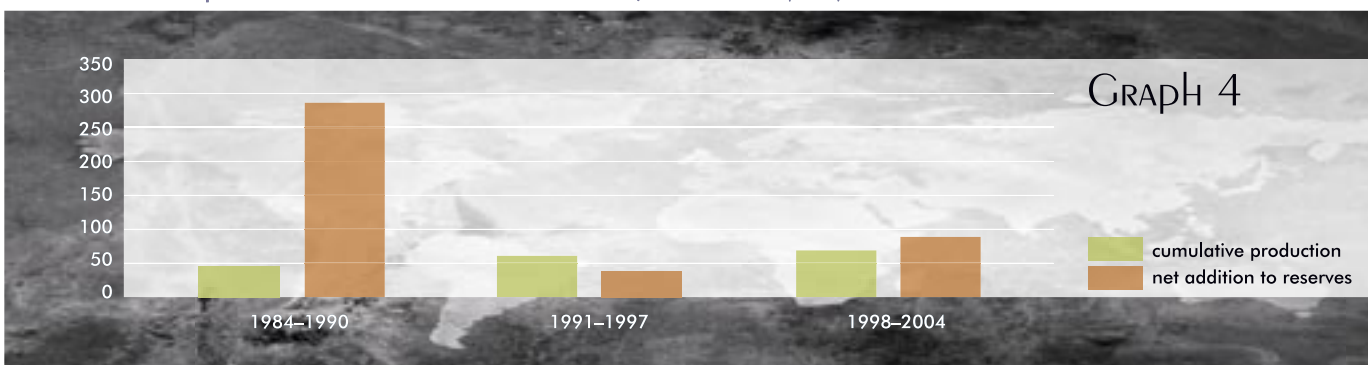
1. Excluding Eastern Europe.

2. Summation of wells by category may not equal the total for OPEC due to lack of data for some countries.

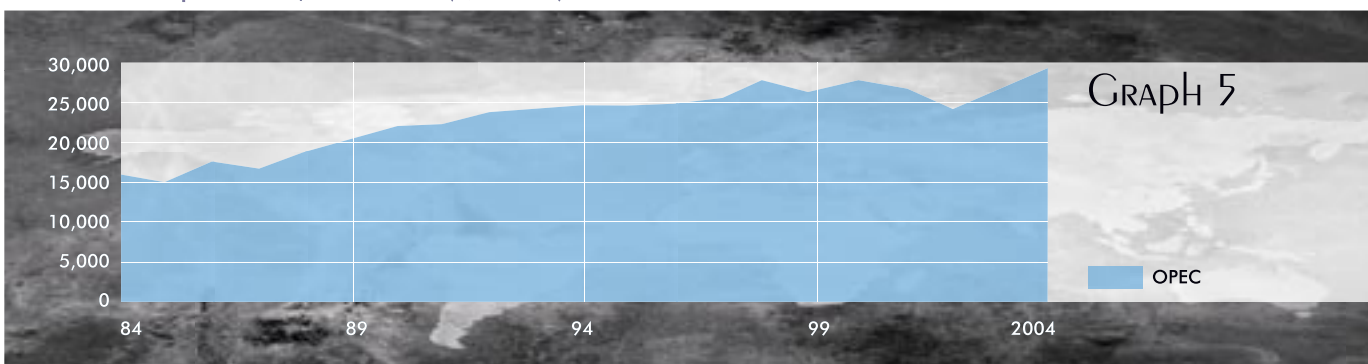
OPEC cumulative production and net addition to reserves (bn b)

	Production	Net addition to reserves		Production	Net addition to reserves
before 1984	214.436		1994	295.329	2.86
1984	220.268	34.70	1995	304.308	7.67
1985	225.714	25.80	1996	313.374	17.75
1986	232.160	107.22	1997	322.656	3.15
1987	238.271	31.00	1998	332.781	4.30
1988	245.167	86.46	1999	342.355	7.98
1989	252.615	4.35	2000	352.509	22.29
1990	260.653	1.05	2001	362.318	7.35
1991	268.775	6.07	2002	371.196	33.80
1992	277.502	1.76	2003	381.009	9.03
1993	286.347	0.84	2004	391.834	5.95

OPEC cumulative production and net addition to reserves, 1984–2004 (bn b)



OPEC crude oil production, 1984–2004 (1,000 b/d)



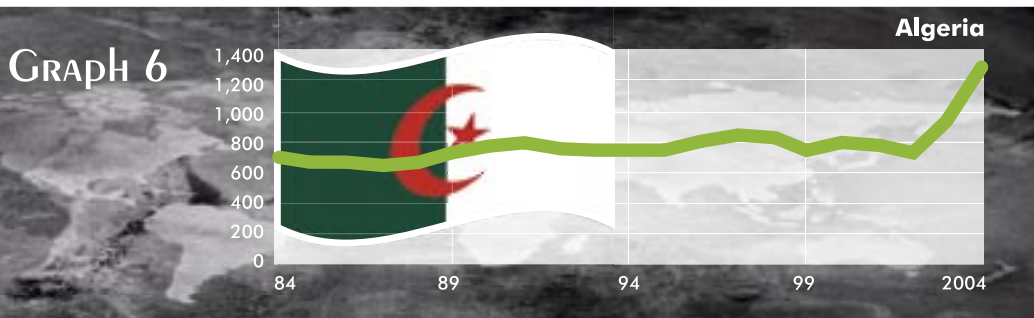
Algeria — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1918–1957		2,533		1981	797.8	6,695,745	-21.8
1958	8.8	5,745		1982	704.5	6,952,888	-11.7
1959	25.6	15,089	190.9	1983	660.9	7,194,116	-6.2
1960	181.1	81,372	607.4	1984	695.4	7,448,633	5.2
1961	330.9	202,150	82.7	1985	672.4	7,694,050	-3.3
1962	436.9	361,619	32.0	1986	673.9	7,940,017	0.2
1963	504.3	545,688	15.4	1987	648.2	8,176,620	-3.8
1964	557.8	749,843	10.6	1988	672.9	8,422,905	3.8
1965	558.7	953,769	0.2	1989	727.3	8,688,369	8.1
1966	718.7	1,216,094	28.6	1990	783.5	8,974,340	7.7
1967	825.7	1,517,475	14.9	1991	803.0	9,267,435	2.5
1968	904.2	1,848,412	9.5	1992	756.5	9,544,314	-5.8
1969	946.4	2,193,848	4.7	1993	747.3	9,817,079	-1.2
1970	1,029.1	2,569,469	8.7	1994	752.5	10,091,741	0.7
1971	785.4	2,856,140	-23.7	1995	752.5	10,366,404	-
1972	1,062.3	3,244,942	35.3	1996	805.7	10,661,290	7.1
1973	1,097.3	3,645,457	3.3	1997	846.1	10,970,116	5.0
1974	1,008.6	4,013,596	-8.1	1998	827.3	11,272,081	-2.2
1975	982.6	4,372,245	-2.6	1999	749.6	11,545,697	-9.4
1976	1,075.1	4,765,728	9.4	2000	796.0	11,837,030	6.2
1977	1,152.3	5,186,312	7.2	2001	776.6	12,120,489	-2.4
1978	1,161.2	5,610,136	0.8 ¹	2002	729.9	12,386,902	-6.0
1979	1,153.8	6,031,277	-0.6	2003	942.4	12,730,878	29.1
1980	1,019.9	6,404,548	-11.6	2004	1,311.4	13,210,851	39.2

Note:

1. Data not comparable due to inclusion of condensates prior to 1978.

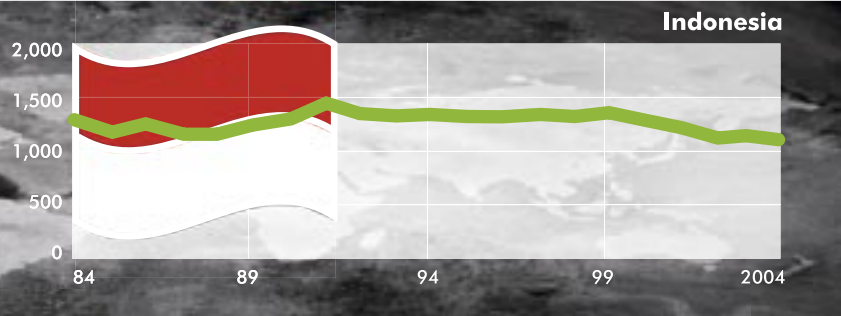
OPEC Members' crude oil production, 1984–2004 (1,000 b/d)



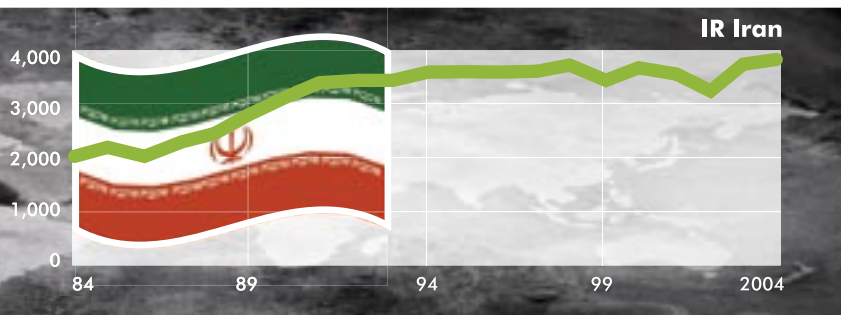
Indonesia — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1893	2.0	730		1949	118.4	1,217,052	36.4
1894	2.0	1,460		1950	132.6	1,265,451	12.0
1895	3.0	2,555	50.0	1951	151.9	1,320,894	14.6
1896	4.0	4,019	33.3	1952	170.6	1,383,334	12.3
1897	7.0	6,574	75.0	1953	205.9	1,458,487	20.7
1898	8.0	9,494	14.3	1954	217.6	1,537,911	5.7
1899	5.0	11,319	-37.5	1955	235.5	1,623,869	8.2
1900	6.0	13,515	20.0	1956	254.8	1,717,126	8.2
1901	11.0	17,530	83.3	1957	312.1	1,831,042	22.5
1902	7.0	20,085	-36.4	1958	325.1	1,949,704	4.2
1903	16.0	25,925	128.6	1959	373.1	2,085,885	14.8
1904	18.0	32,513	12.5	1960	409.6	2,235,799	9.8
1905	22.0	40,543	22.2	1961	424.3	2,390,668	3.6
1906	22.0	48,573	-	1962	453.4	2,556,159	6.9
1907	27.0	58,428	22.7	1963	444.0	2,718,219	-2.1
1908	28.0	68,676	3.7	1964	456.6	2,885,335	2.8
1909	30.0	79,626	7.1	1965	480.6	3,060,754	5.3
1910	30.0	90,576	-	1966	464.6	3,230,333	-3.3
1911	33.0	102,621	10.0	1967	505.4	3,414,804	8.8
1912	30.0	113,601	-9.1	1968	600.7	3,634,660	18.9
1913	31.0	124,916	3.3	1969	742.3	3,905,600	23.6
1914	31.0	136,231	-	1970	853.6	4,217,164	15.0
1915	33.0	148,276	6.5	1971	892.1	4,542,780	4.5
1916	34.0	160,720	3.0	1972	1,080.8	4,938,353	21.2
1917	36.0	173,860	5.9	1973	1,338.5	5,426,905	23.8
1918	35.0	186,635	-2.8	1974	1,374.5	5,928,598	2.7
1919	42.0	201,965	20.0	1975	1,306.5	6,405,470	-4.9
1920	47.9	219,496	14.0	1976	1,503.6	6,955,791	15.1
1921	46.5	236,469	-2.9	1977	1,686.2	7,571,238	12.1
1922	46.8	253,551	0.6	1978	1,635.2	8,168,086	-3.0
1923	54.4	273,407	16.2	1979	1,590.8	8,748,731	-2.7
1924	55.9	293,866	2.8	1980	1,575.7	9,325,438	-0.9
1925	58.7	315,292	5.0	1981	1,604.2	9,910,982	1.8
1926	58.2	336,535	-0.9	1982	1,324.8	10,394,534	-17.4
1927	75.2	363,983	29.2	1983	1,245.3	10,849,068	-6.0
1928	87.6	396,044	16.5	1984	1,280.1	11,317,585	2.8
1929	107.6	435,318	22.8	1985	1,181.5	11,748,832	-7.7
1930	114.3	477,038	6.2	1986	1,256.8	12,207,564	6.4
1931	97.4	512,589	-14.8	1987	1,158.1	12,630,257	-7.9
1932	106.6	551,605	9.4	1988	1,161.5	13,055,378	0.3
1933	116.9	594,273	9.7	1989	1,231.0	13,504,693	6.0
1934	127.5	640,811	9.1	1990	1,299.3	13,978,938	5.5
1935	129.2	687,969	1.3	1991	1,450.0	14,508,188	11.6
1936	136.7	738,001	5.8	1992	1,347.7	15,001,446	-7.1
1937	155.4	794,722	13.7	1993	1,327.3	15,485,910	-1.5
1938	157.0	852,027	1.0	1994	1,332.8	15,972,382	0.4
1939	170.1	914,113	8.3	1995	1,328.4	16,457,248	-0.3
1940	169.4	976,114	-0.4	1996	1,326.7	16,942,822	-0.1
1941	147.1	1,029,805	-13.2	1997	1,330.4	17,428,404	0.3
1942	65.8	1,053,822	-55.3	1998	1,315.4	17,908,514	-1.1
1943	132.3	1,102,112	101.1	1999	1,355.5	18,403,271	3.1
1944	60.8	1,124,364	-54.0	2000	1,272.5	18,869,006	-6.1
1945	20.8	1,131,956	-65.8	2001	1,214.2	19,312,182	-4.6
1946	5.7	1,134,037	-72.6	2002	1,125.4	19,722,953	-7.3
1947	22.0	1,142,067	286.0	2003	1,139.6	20,138,907	1.3
1948	86.8	1,173,836	294.5	2004	1,094.4	20,539,458	-4.0

GRAPH 7



GRAPH 8



IR Iran — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1913	5.0	1,825		1959	928.2	3,776,939	12.4
1914	8.0	4,745	60.0	1960	1,067.7	4,167,717	15.0
1915	10.0	8,395	25.0	1961	1,202.2	4,606,520	12.6
1916	12.0	12,787	20.0	1962	1,334.5	5,093,613	11.0
1917	19.0	19,722	58.3	1963	1,491.3	5,637,937	11.7
1918	23.6	28,336	24.2	1964	1,710.7	6,264,053	14.7
1919	27.8	38,483	17.8	1965	1,908.3	6,960,583	11.6
1920	33.4	50,707	20.1	1966	2,131.8	7,738,690	11.7
1921	45.7	67,388	36.8	1967	2,603.2	8,688,858	22.1
1922	61.0	89,653	33.5	1968	2,839.8	9,728,225	9.1
1923	69.1	114,874	13.3	1969	3,375.8	10,960,392	18.9
1924	88.5	147,265	28.1	1970	3,829.0	12,357,977	13.4
1925	96.0	182,305	8.5	1971	4,539.5	14,014,894	18.6
1926	98.2	218,148	2.3	1972	5,023.1	15,853,349	10.7
1927	108.7	257,824	10.7	1973	5,860.9	17,992,577	16.7
1928	118.7	301,268	9.2	1974	6,021.6	20,190,461	2.7
1929	115.5	343,426	-2.7	1975	5,350.1	22,143,248	-11.2
1930	125.6	389,270	8.7	1976	5,882.9	24,296,396	10.0
1931	121.6	433,654	-3.2	1977	5,662.8	26,363,325	-3.7
1932	135.2	483,137	11.2	1978	5,241.7	28,276,547	-7.4
1933	149.0	537,522	10.2	1979	3,167.9	29,432,830	-39.6
1934	158.5	595,374	6.4	1980	1,467.4	29,969,896	-53.7
1935	156.9	652,643	-1.0	1981	1,262.8	30,430,833	-13.9
1936	171.4	715,375	9.2	1982	2,420.6	31,314,367	91.7
1937	213.2	793,193	24.4	1983	2,441.7	32,205,582	0.9
1938	214.7	871,559	0.7	1984	2,032.4	32,949,441	-16.8
1939	214.1	949,705	-0.3	1985	2,192.3	33,749,640	7.9
1940	181.2	1,016,024	-15.4	1986	2,037.1	34,493,186	-7.1
1941	139.1	1,066,796	-23.2	1987	2,297.6	35,331,818	12.8
1942	198.0	1,139,066	42.3	1988	2,478.5	36,238,958	7.9
1943	204.4	1,213,672	3.2	1989	2,814.1	37,266,096	13.5
1944	278.8	1,315,713	36.4	1990	3,135.3	38,410,483	11.4
1945	357.6	1,446,237	28.3	1991	3,406.8	39,653,959	8.7
1946	402.2	1,593,040	12.5	1992	3,431.6	40,909,922	0.7
1947	424.7	1,748,055	5.6	1993	3,425.2	42,160,122	-0.2
1948	520.2	1,938,448	22.5	1994	3,596.0	43,472,662	5.0
1949	560.9	2,143,177	7.8	1995	3,595.0	44,784,837	-
1950	664.3	2,385,646	18.4	1996	3,596.0	46,100,973	-
1951	349.6	2,513,250	-47.4	1997	3,603.4	47,416,207	0.2
1952	27.6	2,523,352	-92.1	1998	3,714.0	48,771,817	3.1
1953	26.8	2,533,134	-2.9	1999	3,439.0	50,027,052	-7.4
1954	61.4	2,555,545	129.1	2000	3,661.3	51,367,070	6.5
1955	328.9	2,675,594	435.7	2001	3,572.0	52,670,850	-2.4
1956	541.8	2,873,892	64.7	2002	3,248.0	53,856,370	-9.1
1957	719.8	3,136,619	32.9	2003	3,741.6	55,222,054	15.2
1958	826.1	3,438,146	14.8	2004	3,834.2	56,625,371	2.5

Iraq — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1928	2.7	988		1967	1,228.1	5,805,393	-11.8
1929	3.0	2,083	11.1	1968	1,503.3	6,355,601	22.4
1930	2.0	2,813	-33.3	1969	1,521.2	6,910,839	1.2
1931	2.0	3,543	-	1970	1,548.6	7,476,078	1.8
1932	1.4	4,056	-30.0	1971	1,694.1	8,094,425	9.4
1933	1.6	4,640	14.3	1972	1,465.5	8,630,798	-13.5
1934	16.5	10,662	931.3	1973	2,018.1	9,367,404	37.7
1935	78.1	39,169	373.3	1974	1,970.6	10,086,673	-2.4
1936	85.7	70,535	9.7	1975	2,261.7	10,912,194	14.8
1937	92.4	104,261	7.8	1976	2,415.4	11,796,236	6.8
1938	91.5	137,658	-1.0	1977	2,348.2	12,653,333	-2.8
1939	85.5	168,866	-6.6	1978	2,562.0	13,588,476	9.1
1940	55.9	189,325	-34.6	1979	3,476.9	14,857,556	35.7
1941	36.3	202,575	-35.1	1980	2,646.4	15,826,156	-23.9
1942	55.7	222,905	53.4	1981	897.4	16,153,707	-66.1
1943	79.3	251,850	42.4	1982	1,078.4	16,547,318	20.2
1944	92.5	285,705	16.6	1983	1,098.8	16,948,376	1.9
1945	100.1	322,241	8.2	1984	1,221.3	17,395,379	11.2
1946	101.8	359,398	1.7	1985	1,404.4	17,907,969	15.0
1947	103.0	396,993	1.2	1986	1,876.5	18,592,904	33.6
1948	76.6	425,029	-25.6	1987	2,358.7	19,453,818	25.7
1949	90.6	458,098	18.3	1988	2,744.5	20,458,289	16.4
1950	139.6	509,052	54.1	1989	2,785.8	21,475,101	1.5
1951	180.8	575,044	29.5	1990	2,112.6	22,246,208	-24.2
1952	389.0	717,418	115.2	1991	282.5	22,349,308	-86.6
1953	581.4	929,629	49.5	1992	526.2	22,541,898	86.3
1954	636.2	1,161,842	9.4	1993	659.5	22,782,603	25.3
1955	697.0	1,416,247	9.6	1994	748.7	23,055,870	13.5
1956	641.0	1,650,853	-8.0	1995	736.9	23,324,835	-1.6
1957	449.5	1,814,920	-29.9	1996	740.4	23,595,829	0.5
1958	731.3	2,081,845	62.7	1997	1,383.9	24,100,958	86.9
1959	856.9	2,394,613	17.2	1998	2,181.1	24,897,053	57.6
1960	972.2	2,750,439	13.5	1999	2,719.8	25,889,795	24.7
1961	1,007.1	3,118,030	3.6	2000	2,810.0	26,918,241	3.3
1962	1,009.2	3,486,388	0.2	2001	2,593.7	27,864,935	-7.7
1963	1,161.9	3,910,482	15.1	2002	2,126.5	28,641,106	-18.0
1964	1,255.2	4,369,885	8.0	2003	1,377.8	29,144,016	-35.2
1965	1,312.6	4,848,984	4.6	2004	2,106.2	29,914,886	52.9
1966	1,392.2	5,357,137	6.1				

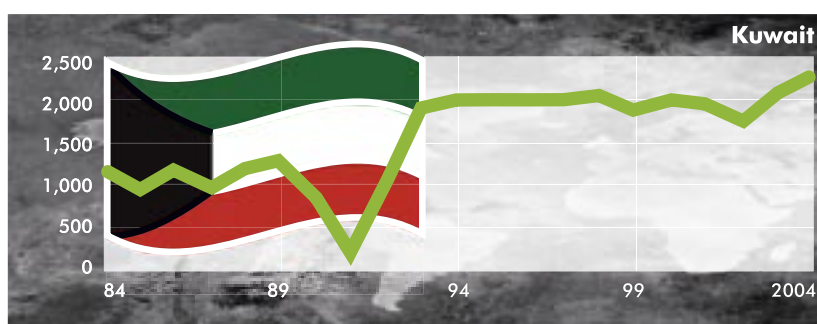
GRAPH 9



Kuwait — cumulative crude oil production (1,000 b)

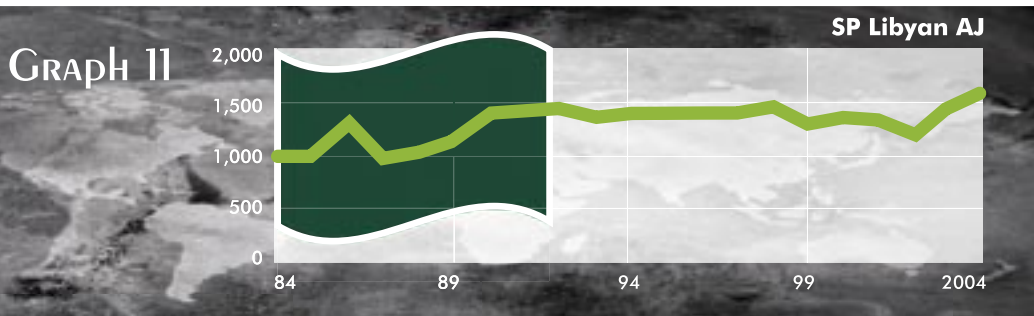
Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1946	16.2	5,913		1976	2,145.4	18,975,000	2.9
1947	44.5	22,156	174.7	1977	1,969.0	19,693,684	-8.2
1948	127.2	68,711	185.8	1978	2,131.4	20,471,641	8.2
1949	246.5	158,683	93.8	1979	2,500.3	21,384,250	17.3
1950	344.4	284,389	39.7	1980	1,663.7	21,993,164	-33.5
1951	561.4	489,300	63.0	1981	1,129.7	22,405,504	-32.1
1952	747.1	762,739	33.1	1982	824.3	22,706,374	-27.0
1953	861.9	1,077,332	15.4	1983	1,054.1	23,091,120	27.9
1954	959.7	1,427,623	11.3	1984	1,163.0	23,516,778	10.3
1955	1,103.6	1,830,437	15.0	1985	936.3	23,858,536	-19.5
1956	1,108.5	2,236,148	0.4	1986	1,174.3	24,287,170	25.4
1957	1,171.6	2,663,782	5.7	1987	971.6	24,641,808	-17.3
1958	1,435.8	3,187,849	22.6	1988	1,190.1	25,077,395	22.5
1959	1,441.1	3,713,850	0.4	1989	1,277.5	25,543,698	7.3
1960	1,691.8	4,333,049	17.4	1990	858.6	25,857,094	-32.8
1961	1,735.0	4,966,324	2.6	1991	189.7	25,926,341	-77.9
1962	1,957.8	5,680,921	12.8	1992	1,057.2	26,313,277	457.2
1963	2,096.3	6,446,071	7.1	1993	1,881.8	27,000,134	78.0
1964	2,301.0	7,288,237	9.8	1994	2,006.6	27,732,543	6.6
1965	2,360.3	8,149,746	2.6	1995	2,006.6	28,464,952	-
1966	2,484.1	9,056,443	5.2	1996	2,005.6	29,199,001	-
1967	2,499.8	9,968,870	0.6	1997	2,007.1	29,931,593	0.1
1968	2,613.5	10,925,411	4.5	1998	2,051.5	30,680,390	2.2
1969	2,773.4	11,937,702	6.1	1999	1,872.7	31,363,926	-8.7
1970	2,989.6	13,028,906	7.8	2000	1,996.1	32,094,497	6.6
1971	3,196.7	14,195,701	6.9	2001	1,947.0	32,805,166	-2.5
1972	3,283.0	15,397,279	2.7	2002	1,745.9	33,442,420	-10.3
1973	3,020.4	16,499,725	-8.0	2003	2,107.6	34,211,694	20.7
1974	2,546.1	17,429,052	-15.7	2004	2,288.7	35,049,358	8.6
1975	2,084.2	18,189,785	-18.1				

Note: Figures include share of production from Neutral Zone.



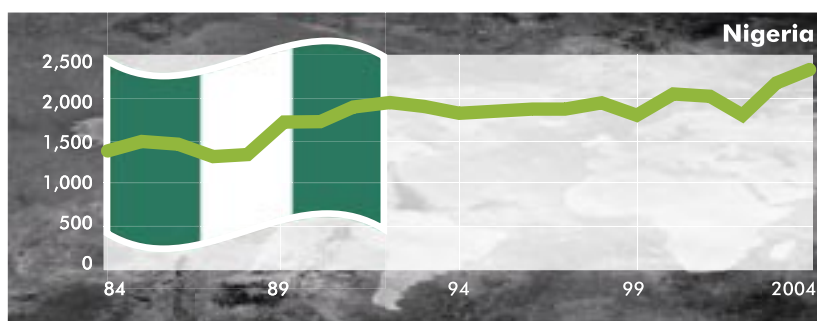
SP Libyan AJ — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1961	18.2	6,643		1983	1,121.1	14,079,167	-1.3
1962	182.3	73,183	901.6	1984	984.6	14,439,530	-12.2
1963	441.8	234,440	142.3	1985	997.7	14,803,707	1.3
1964	862.4	550,078	95.2	1986	1,308.0	15,281,127	31.1
1965	1,218.8	994,940	41.3	1987	972.5	15,636,091	-25.6
1966	1,501.1	1,542,841	23.2	1988	1,022.7	16,010,407	5.2
1967	1,740.5	2,178,124	15.9	1989	1,129.2	16,422,557	10.4
1968	2,602.1	3,130,493	49.5	1990	1,389.1	16,929,582	23.0
1969	3,109.1	4,265,314	19.5	1991	1,405.9	17,442,752	1.2
1970	3,318.0	5,476,384	6.7	1992	1,432.7	17,967,121	1.9
1971	2,760.8	6,484,076	-16.8	1993	1,361.0	18,463,883	-5.0
1972	2,239.4	7,303,696	-18.9	1994	1,389.8	18,971,170	2.1
1973	2,174.9	8,097,535	-2.9	1995	1,399.0	19,481,819	0.7
1974	1,521.3	8,652,809	-30.1	1996	1,394.0	19,992,025	-0.4
1975	1,479.8	9,192,936	-2.7	1997	1,395.8	20,501,479	0.1
1976	1,932.6	9,900,269	30.6	1998	1,449.0	21,030,374	3.8
1977	2,063.4	10,653,397	6.8	1999	1,287.2	21,500,196	-11.2
1978	1,982.5	11,377,013	-3.9	2000	1,347.2	21,993,272	4.7
1979	2,091.7	12,140,485	5.5	2001	1,323.5	22,476,335	-1.8
1980	1,831.6	12,810,843	-12.4	2002	1,200.9	22,914,663	-9.3
1981	1,217.8	13,255,340	-33.5	2003	1,431.9	23,437,307	19.2
1982	1,136.0	13,669,980	-6.7	2004	1,580.7	24,015,843	10.4



Nigeria — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1958	5.1	1,862		1982	1,287.0	9,384,665	-10.6
1959	11.2	5,950	119.6	1983	1,235.5	9,835,623	-4.0
1960	17.4	12,318	55.4	1984	1,388.0	10,343,631	12.3
1961	46.0	29,108	164.4	1985	1,498.9	10,890,729	8.0
1962	67.5	53,745	46.7	1986	1,466.6	11,426,038	-2.2
1963	76.5	81,668	13.3	1987	1,323.0	11,908,933	-9.8
1964	120.2	125,661	57.1	1988	1,341.3	12,399,867	1.4
1965	274.2	225,744	128.1	1989	1,716.3	13,026,316	28.0
1966	417.6	378,168	52.3	1990	1,726.7	13,656,562	0.6
1967	319.1	494,640	-23.6	1991	1,893.1	14,347,544	9.6
1968	141.3	546,355	-55.7	1992	1,957.0	15,063,806	3.4
1969	540.3	743,565	282.4	1993	1,905.2	15,759,204	-2.6
1970	1,083.1	1,138,896	100.5	1994	1,820.9	16,423,824	-4.4
1971	1,531.2	1,697,784	41.4	1995	1,842.6	17,096,371	1.2
1972	1,815.7	2,362,331	18.6	1996	1,863.1	17,778,253	1.1
1973	2,054.3	3,112,150	13.1	1997	1,876.7	18,463,264	0.7
1974	2,255.0	3,935,225	9.8	1998	1,939.0	19,171,015	3.3
1975	1,783.2	4,586,093	-20.9	1999	1,781.5	19,821,263	-8.1
1976	2,066.8	5,342,537	15.9	2000	2,053.6	20,572,881	15.3
1977	2,085.1	6,103,598	0.9	2001	2,017.6	21,309,305	-1.8
1978	1,897.0	6,796,000	-9.0	2002	1,801.7	21,966,925	-10.7
1979	2,302.0	7,636,228	21.3	2003	2,166.3	22,757,640	20.2
1980	2,058.0	8,389,456	-10.6	2004	2,356.8	23,620,228	8.8
1981	1,439.6	8,914,910	-30.0				

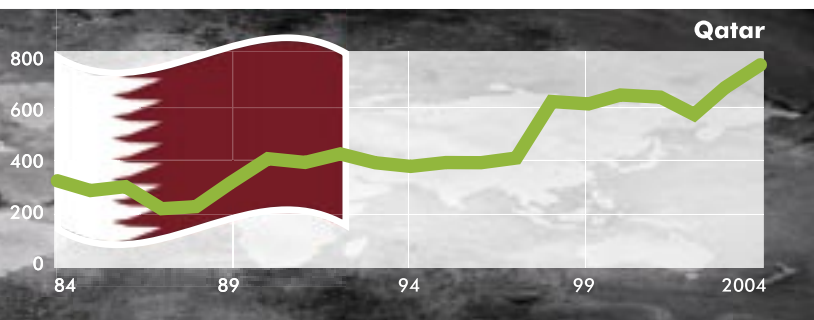


GRAPH 12

Qatar — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1949	2	730		1977	444.6	2,663,744	-10.6
1950	33.6	12,994	1,580.0	1978	486.7	2,841,383	9.5
1951	49.3	30,989	46.7	1979	508.1	3,026,842	4.4
1952	69.0	56,243	40.0	1980	471.4	3,199,374	-7.2
1953	85.0	87,268	23.2	1981	415.2	3,350,924	-11.9
1954	99.9	123,731	17.5	1982	332.0	3,472,104	-20.0
1955	115.0	165,706	15.1	1983	269.0	3,570,289	-19.0
1956	123.9	211,053	7.7	1984	325.3	3,689,348	20.9
1957	138.5	261,606	11.8	1985	289.3	3,794,957	-11.1
1958	175.1	325,517	26.4	1986	305.7	3,906,528	5.6
1959	170.4	387,713	-2.7	1987	218.9	3,986,431	-28.4
1960	174.6	451,617	2.5	1988	228.0	4,069,875	4.1
1961	177.2	516,295	1.5	1989	320.2	4,186,764	40.5
1962	186.2	584,258	5.1	1990	405.6	4,334,808	26.7
1963	191.5	654,156	2.8	1991	391.2	4,477,596	-3.6
1964	215.3	732,955	12.4	1992	423.2	4,632,487	8.2
1965	232.6	817,854	8.0	1993	390.3	4,774,946	-7.8
1966	291.3	924,179	25.2	1994	378.7	4,913,172	-3.0
1967	323.6	1,042,293	11.1	1995	389.8	5,055,460	2.9
1968	339.5	1,166,550	4.9	1996	393.1	5,199,318	0.8
1969	355.5	1,296,307	4.7	1997	405.0	5,347,148	3.0
1970	362.4	1,428,583	1.9	1998	618.1	5,572,755	52.6
1971	430.7	1,585,789	18.8	1999	608.5	5,794,857	-1.6
1972	482.4	1,762,347	12.0	2000	648.2	6,032,088	6.5
1973	570.3	1,970,507	18.2	2001	632.9	6,263,096	-2.4
1974	518.4	2,159,723	-9.1	2002	568.9	6,470,726	-10.1
1975	437.6	2,319,447	-15.6	2003	676.0	6,717,466	18.8
1976	497.3	2,501,464	13.6	2004	755.3	6,993,909	11.7

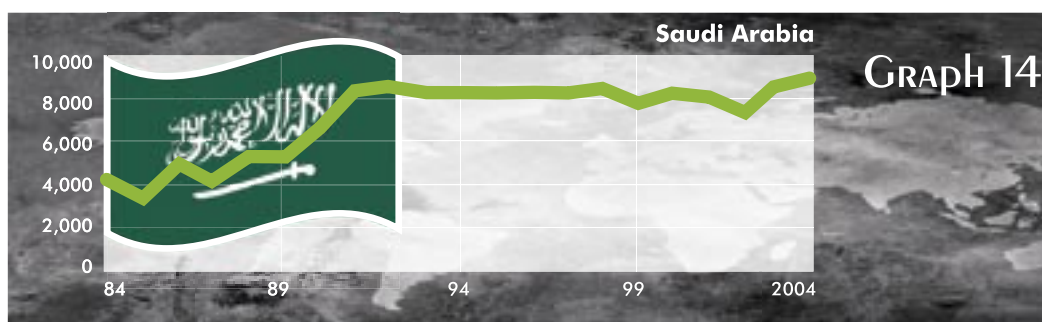
GRAPH 13



Saudi Arabia — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1938	1.4	511		1972	6,016.3	17,226,462	26.2
1939	10.8	4,453	671.4	1973	7,596.2	19,999,075	26.3
1940	13.9	9,540	28.7	1974	8,479.7	23,094,166	11.6
1941	11.8	13,847	-15.1	1975	7,075.4	25,676,687	-16.6
1942	12.4	18,373	5.1	1976	8,577.2	28,815,932	21.2
1943	13.3	23,228	7.3	1977	9,199.9	32,173,898	7.3
1944	21.3	31,024	60.2	1978	8,301.1	35,203,793	-9.8
1945	58.4	52,340	174.2	1979	9,532.6	38,683,202	14.8
1946	164.2	112,273	181.2	1980	9,900.5	42,306,785	3.9
1947	246.2	202,136	49.9	1981	9,808.0	45,886,705	-0.9
1948	390.3	344,986	58.5	1982	6,483.0	48,253,000	-33.9
1949	476.7	518,981	22.1	1983	4,539.4	49,909,884	-30.0
1950	546.7	718,527	14.7	1984	4,079.1	51,402,828	-10.1
1951	761.5	996,474	39.3	1985	3,175.0	52,561,686	-22.2
1952	824.8	1,298,351	8.3	1986	4,784.2	54,307,919	50.7
1953	844.6	1,606,630	2.4	1987	3,975.2	55,758,849	-16.9
1954	961.8	1,957,687	13.9	1988	5,100.1	57,625,503	28.3
1955	976.6	2,314,146	1.5	1989	5,064.5	59,474,046	-0.7
1956	1,002.8	2,681,171	2.7	1990	6,412.5	61,814,608	26.6
1957	1,030.8	3,057,413	2.8	1991	8,117.8	64,777,605	26.6
1958	1,058.5	3,443,765	2.7	1992	8,331.7	67,827,007	2.6
1959	1,152.7	3,864,501	8.9	1993	8,047.7	70,764,418	-3.4
1960	1,313.5	4,345,242	13.9	1994	8,049.0	73,702,303	-
1961	1,480.1	4,885,478	12.7	1995	8,023.4	76,630,844	-0.3
1962	1,642.9	5,485,137	11.0	1996	8,102.3	79,596,286	1.0
1963	1,786.0	6,137,027	8.7	1997	8,011.7	82,520,556	-1.1
1964	1,896.5	6,831,146	6.2	1998	8,280.2	85,542,829	3.4
1965	2,205.3	7,636,080	16.3	1999	7,564.7	88,303,945	-8.6
1966	2,601.8	8,585,737	18.0	2000	8,094.5	91,266,532	7.0
1967	2,805.0	9,609,562	7.8	2001	7,888.9	94,145,980	-2.5
1968	3,042.9	10,723,264	8.5	2002	7,093.1	96,734,962	-10.1
1969	3,216.2	11,897,177	5.7	2003	8,410.3	99,804,721	18.6
1970	3,799.1	13,283,848	18.1	2004	8,897.0	103,061,023	5.8
1971	4,768.9	15,024,497	25.5				

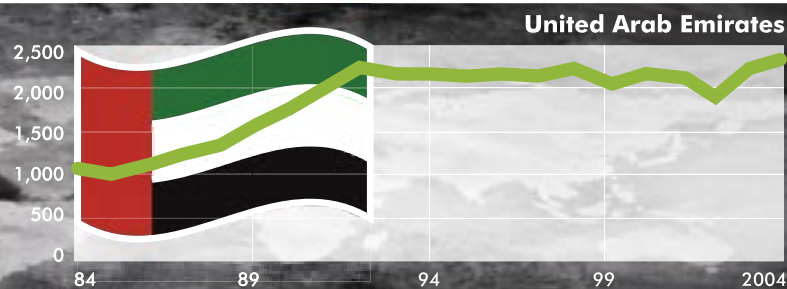
Note: Figures include share of production from Neutral Zone.



United Arab Emirates — cumulative crude oil production (1,000 b)

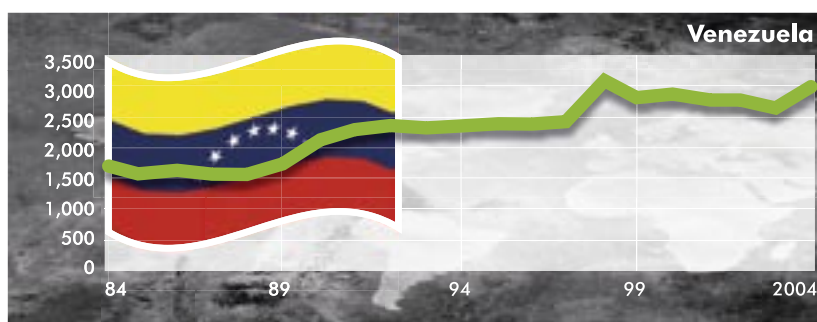
Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1962	14.2	5,183		1984	1,069.0	8,979,037	-7.0
1963	48.2	22,776	239.4	1985	1,009.1	9,347,375	-5.6
1964	186.8	91,145	287.6	1986	1,128.6	9,759,296	11.8
1965	282.2	194,148	51.1	1987	1,242.3	10,212,731	10.1
1966	360.0	325,548	27.6	1988	1,323.5	10,697,122	6.5
1967	382.1	465,014	6.1	1989	1,593.0	11,278,568	20.4
1968	496.6	646,770	30.0	1990	1,762.6	11,921,927	10.6
1969	627.8	875,917	26.4	1991	2,027.4	12,661,931	15.0
1970	779.6	1,160,471	24.2	1992	2,235.7	13,480,186	10.3
1971	1,059.5	1,547,188	35.9	1993	2,159.3	14,268,325	-3.4
1972	1,202.7	1,987,377	13.5	1994	2,166.5	15,059,110	0.3
1973	1,532.6	2,546,776	27.4	1995	2,148.0	15,843,130	-0.9
1974	1,678.6	3,159,465	9.5	1996	2,161.3	16,634,166	0.6
1975	1,663.8	3,766,752	-0.9	1997	2,160.7	17,422,821	-
1976	1,936.4	4,475,475	16.4	1998	2,244.1	18,241,918	3.9
1977	1,998.7	5,205,004	3.2	1999	2,048.8	18,989,730	-8.7
1978	1,830.5	5,873,137	-8.4	2000	2,174.7	19,785,670	6.1
1979	1,830.7	6,541,339	-	2001	2,115.2	20,557,718	-2.7
1980	1,701.9	7,164,231	-7.0	2002	1,900.3	21,251,327	-10.2
1981	1,502.3	7,712,570	-11.7	2003	2,248.0	22,071,847	18.3
1982	1,248.8	8,168,382	-16.9	2004	2,343.6	22,929,605	4.3
1983	1,149.0	8,587,775	-8.0				

GRAPH 15



Venezuela — cumulative crude oil production (1,000 b)

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1917	0.3	110		1961	2,919.9	14,931,250	2.6
1918	0.9	438	200.0	1962	3,199.8	16,099,177	9.6
1919	0.8	730	-11.1	1963	3,247.9	17,284,661	1.5
1920	1.3	1,206	62.5	1964	3,392.8	18,526,426	4.5
1921	4.0	2,666	207.7	1965	3,472.9	19,794,034	2.4
1922	6.1	4,892	52.5	1966	3,371.1	21,024,486	-2.9
1923	11.9	9,236	95.1	1967	3,542.1	22,317,352	5.1
1924	24.9	18,349	109.2	1968	3,604.8	23,636,709	1.8
1925	54.6	38,278	119.3	1969	3,594.1	24,948,556	-0.3
1926	97.7	73,939	78.9	1970	3,708.0	26,301,976	3.2
1927	165.5	134,346	69.4	1971	3,549.1	27,597,397	-4.3
1928	289.5	240,303	74.9	1972	3,219.9	28,775,880	-9.3
1929	372.8	376,375	28.8	1973	3,366.0	30,004,470	4.5
1930	370.5	511,608	-0.6	1974	2,976.3	31,090,820	-11.6
1931	320.2	628,481	-13.6	1975	2,346.2	31,947,183	-21.2
1932	319.0	745,235	-0.4	1976	2,294.4	32,786,934	-2.2
1933	323.8	863,422	1.5	1977	2,237.9	33,603,767	-2.5
1934	373.4	999,713	15.3	1978	2,165.5	34,394,184	-3.2
1935	406.9	1,148,231	9.0	1979	2,356.4	35,254,273	8.8
1936	422.5	1,302,866	3.8	1980	2,165.0	36,046,663	-8.1
1937	508.9	1,488,615	20.4	1981	2,108.3	36,816,192	-2.6
1938	515.2	1,676,663	1.2	1982	1,895.0	37,507,867	-10.1
1939	560.4	1,881,209	8.8	1983	1,800.8	38,165,159	-5.0
1940	502.3	2,065,051	-10.4	1984	1,695.5	38,785,712	-5.8
1941	621.3	2,291,825	23.7	1985	1,564.0	39,356,572	-7.8
1942	405.9	2,439,979	-34.7	1986	1,648.5	39,958,275	5.4
1943	491.5	2,619,376	21.1	1987	1,575.5	40,533,332	-4.4
1944	702.3	2,876,418	42.9	1988	1,578.1	41,110,930	0.2
1945	886.0	3,199,808	26.2	1989	1,747.4	41,748,731	10.7
1946	1,064.3	3,588,277	20.1	1990	2,135.2	42,528,079	22.2
1947	1,191.5	4,023,175	12.0	1991	2,286.2	43,362,542	7.1
1948	1,338.8	4,513,176	12.4	1992	2,345.6	44,221,032	2.6
1949	1,321.4	4,995,487	-1.3	1993	2,326.0	45,070,022	-0.8
1950	1,498.0	5,542,257	13.4	1994	2,367.9	45,934,305	1.8
1951	1,704.6	6,164,436	13.8	1995	2,378.5	46,802,458	0.4
1952	1,803.9	6,824,663	5.8	1996	2,381.0	47,673,904	0.1
1953	1,765.0	7,468,888	-2.2	1997	2,411.0	48,553,919	1.3
1954	1,895.3	8,160,673	7.4	1998	3,120.0	49,692,719	29.4
1955	2,157.2	8,948,051	13.8	1999	2,800.4	50,714,865	-10.2
1956	2,456.8	9,847,239	13.9	2000	2,891.0	51,772,971	3.2
1957	2,779.2	10,861,647	13.1	2001	2,791.9	52,792,016	-3.4
1958	2,604.8	11,812,399	-6.3	2002	2,782.0	53,807,446	-0.4
1959	2,771.0	12,823,814	6.4	2003	2,643.0	54,772,141	-5.0
1960	2,846.1	13,865,487	2.7	2004	3,009.4	55,873,581	13.9



Graph 16

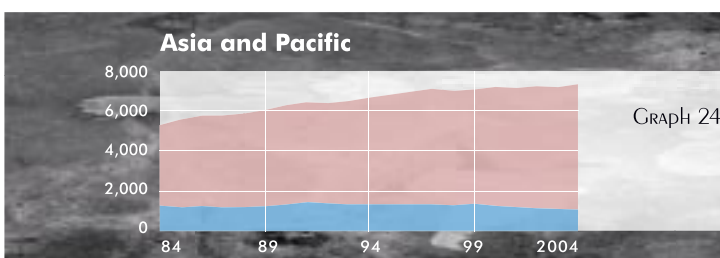
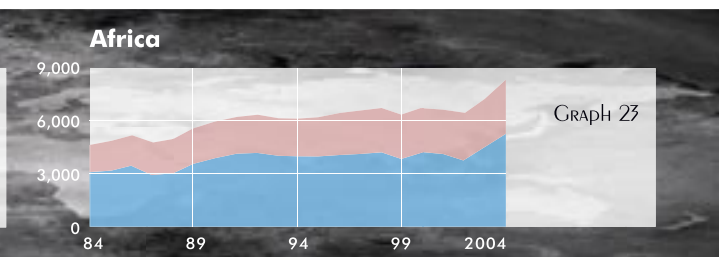
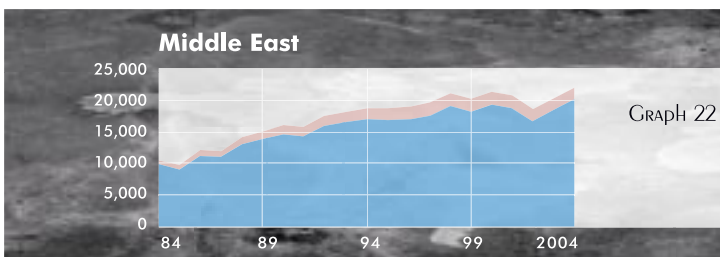
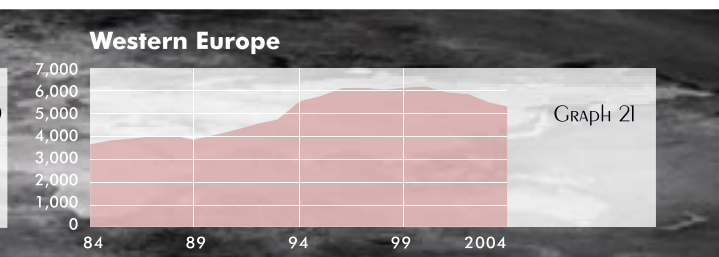
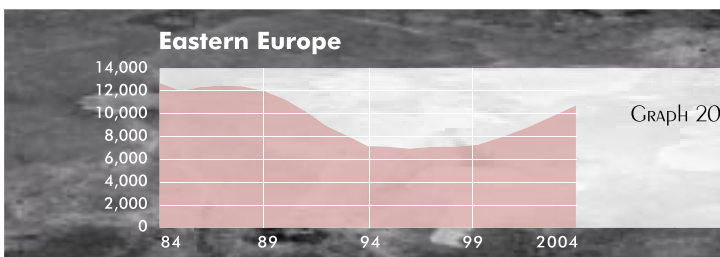
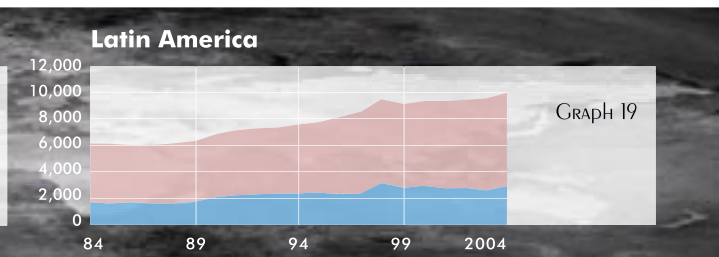
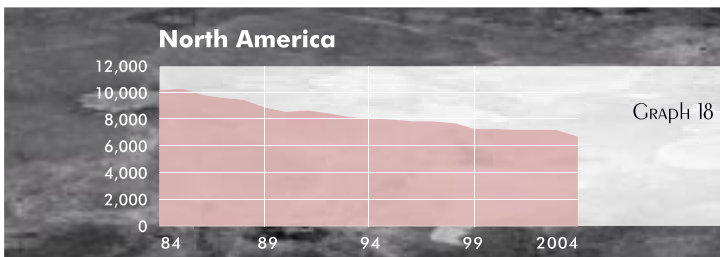
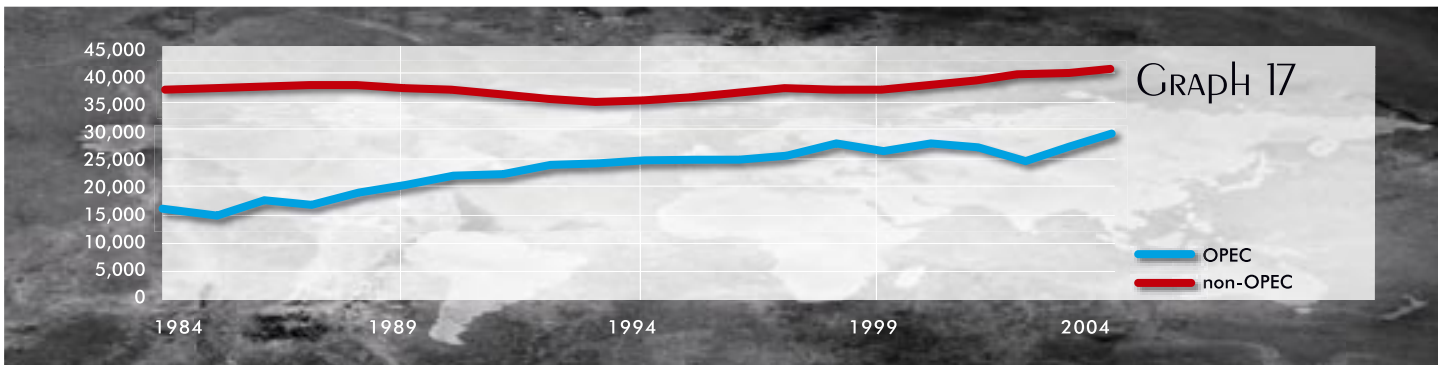
World crude oil production by country, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
North America	7,213.1	7,178.9	7,191.3	7,140.1	6,835.5	-4.3
Canada	1,391.5	1,377.5	1,445.8	1,459.4	1,405.2	-3.7
USA	5,821.6	5,801.4	5,745.5	5,680.7	5,430.3	-4.4
Latin America	9,303.4	9,319.0	9,463.5	9,544.0	9,928.9	4.0
Argentina	769.2	781.9	755.1	740.8	694.9	-6.2
Brazil	1,231.2	1,292.8	1,454.4	1,496.1	1,477.4	-1.3
Chile	7.2	6.6	5.8	3.9	4.0	2.1
Colombia	687.2	603.7	575.0	541.5	521.2	-3.8
Ecuador	392.0	401.3	391.8	420.4	520.6	23.9
Mexico	3,012.1	3,127.1	3,177.2	3,370.8	3,383.0	0.4
Peru	99.2	94.6	92.5	86.7	80.4	-7.2
Trinidad & Tobago	119.5	113.4	130.6	134.8	127.0	-5.8
Venezuela	2,891.0	2,791.9	2,782.0	2,643.0	3,009.4	13.9
Others	94.6	105.9	99.1	106.0	111.0	4.7
Eastern Europe	7,629.2	8,246.9	9,034.9	9,939.3	10,736.0	8.0
Albania	6.3	6.0	6.0	6.0	6.0	-
Hungary	26.9	28.9	24.3	27.2	21.8	-19.7
Romania	118.0	118.4	118.2	114.4	103.0	-9.9
Former USSR	7,459.5	8,072.7	8,865.8	9,769.0	10,580.5	8.3
Others	18.5	21.0	20.6	22.8	24.7	8.5
Western Europe	6,287.5	6,033.6	5,949.6	5,626.6	5,367.4	-4.6
Denmark	362.5	346.7	368.6	369.4	389.2	5.3
France	28.4	27.8	26.4	24.6	22.9	-6.6
Germany	62.3	64.7	69.2	72.8	67.7	-7.1
Italy	74.1	64.0	84.5	90.4	103.9	14.9
Netherlands	28.0	26.6	43.4	44.8	41.2	-8.1
Norway	3,182.8	3,118.0	2,992.4	2,851.5	2,797.4	-1.9
Turkey	52.7	48.5	46.6	45.3	43.7	-3.4
United Kingdom	2,427.1	2,269.3	2,254.3	2,065.8	1,843.0	-10.8
Former Yugoslavia	41.5	39.2	36.1	35.5	33.0	-7.0
Others	28.2	28.8	28.0	26.6	25.5	-4.3
Middle East	21,423.1	20,789.7	18,650.0	20,467.9	22,015.3	7.6
Bahrain	180.5	182.2	184.8	188.7	191.1	1.3
IR Iran	3,661.3	3,572.0	3,248.0	3,741.6	3,834.2	2.5
Iraq	2,810.0	2,593.7	2,126.5	1,377.8	2,106.2	52.9
Kuwait ¹	1,996.1	1,947.0	1,745.9	2,107.6	2,288.7	8.6
Oman	891.2	882.6	825.2	759.5	699.5	-7.9
Qatar	648.2	632.9	568.9	676.0	755.3	11.7
Saudi Arabia ¹	8,094.5	7,888.9	7,093.1	8,410.3	8,897.0	5.8
Syrian Arab Republic	522.5	518.3	508.4	528.0	497.6	-5.8
United Arab Emirates	2,174.7	2,115.2	1,900.3	2,248.0	2,343.6	4.3
Yemen	444.2	456.9	448.9	430.4	402.0	-6.6
Africa	6,769.8	6,620.9	6,452.4	7,270.3	8,385.5	15.3
Algeria	796.0	776.6	729.9	942.4	1,311.4	39.2
Angola	752.0	740.4	894.2	875.0	988.8	13.0
Cameroon	100.7	80.0	73.9	66.6	70.0	5.2
Congo	265.0	265.0	254.6	240.0	239.2	-0.4
Egypt	695.0	639.3	628.1	618.5	594.6	-3.9
Gabon	327.4	300.8	295.0	242.5	234.5	-3.3
SP Libyan AJ	1,347.2	1,323.5	1,200.9	1,431.9	1,580.7	10.4
Nigeria	2,053.6	2,017.6	1,801.7	2,166.3	2,356.8	8.8
Tunisia	76.1	68.8	72.1	65.7	69.3	5.5
Others	356.8	409.0	502.1	621.5	940.2	51.3
Asia and Pacific	7,166.1	7,123.7	7,182.0	7,174.8	7,306.9	1.8
Australia	699.8	633.7	622.3	518.2	440.2	-15.0
Brunei	177.9	180.5	188.4	193.4	188.8	-2.4
China	3,228.3	3,297.2	3,393.1	3,407.2	3,484.9	2.3
India	645.5	641.5	661.1	663.1	682.5	2.9
Indonesia	1,272.5	1,214.2	1,125.4	1,139.6	1,094.4	-4.0
Malaysia	598.4	579.3	596.2	621.9	677.1	8.9
New Zealand	36.7	34.5	31.0	23.6	19.8	-16.2
Others	507.0	543.0	564.5	607.8	719.2	18.3
Total world	65,792.1	65,312.7	63,923.7	67,163.1	70,575.4	5.1
OPEC	27,745.0	26,873.5	24,322.5	26,884.6	29,577.7	10.0
OPEC percentage	42.2	41.1	38.0	40.0	41.9	

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

1. Including share of production from Neutral Zone.

World crude oil production, 1984–2004 (1,000 b/d)



regional output
regional OPEC share

Natural gas production in OPEC Members, 2000–2004 (million standard cu m)

	2000	2001	2002	2003*	2004*	% change 04/03
Algeria						
Gross production	170,179	173,106	175,197	176,026	183,878	4.5
Marketed production	83,119	78,240	80,367	82,829	82,009	-1.0
Flaring	6,800	4,080	4,180	4,272	3,624	-15.2
Reinjection	69,162	78,152	77,571	74,645	82,928	11.1
Shrinkage	11,098	12,634	13,079	14,280	15,317	7.3
Indonesia						
Gross production	82,167	82,800	85,991	89,358	85,073	-4.8
Marketed production	68,365	66,300	70,350	72,800	73,300	0.7
Flaring	4,807	4,800	4,892	4,175	3,821	-8.5
Reinjection	4,453	7,000	6,049	6,517	3,900	-40.2
Shrinkage	4,542	4,700	4,700	5,866	4,052	-30.9
IR Iran						
Gross production	122,379	114,325	121,000	131,880	149,141	13.1
Marketed production	60,147	69,145	75,000	81,500	89,663	10.0
Flaring	12,550	7,439	8,200	13,300	13,070	-1.7
Reinjection	44,132	32,441	30,000	28,426	29,298	3.1
Shrinkage	5,550	5,300	7,800	8,654	17,110	97.7
Iraq						
Gross production	4,350	3,950	3,550	2,430	3,660	50.6
Marketed production	3,150	2,760	2,360	1,560	2,600	66.7
Flaring	950	950	950	700	855	22.1
Reinjection	-	-	-	-	-	-
Shrinkage	250	240	240	170	205	20.6
Kuwait						
Gross production	11,200	10,546	9,457	11,020	11,861	7.6
Marketed production	9,600	9,500	8,000	9,100	9,700	6.6
Flaring	500	324	457	500	510	2.0
Reinjection	-	-	-	-	-	-
Shrinkage	1,100	722	1,000	1,420	1,651	16.3
SP Libyan AJ						
Gross production	10,150	10,330	10,360	10,600	11,950	12.7
Marketed production	5,880	6,180	6,210	6,400	7,000	9.4
Flaring	1,380	1,360	1,350	1,340	1,350	0.7
Reinjection	2,540	2,450	2,450	2,500	3,150	26.0
Shrinkage	350	340	350	360	450	25.0
Nigeria						
Gross production	34,860	39,300	49,584	52,750	59,761	13.3
Marketed production	12,460	14,900	15,967	19,023	22,388	17.7
Flaring	17,200	19,200	22,815	23,252	24,119	3.7
Reinjection	4,000	3,500	8,680	8,529	11,277	32.2
Shrinkage	1,200	1,700	2,122	1,946	1,977	1.6
Qatar						
Gross production	33,100	35,400	38,100	39,950	49,100	22.9
Marketed production	24,900	27,000	29,500	31,400	37,810	20.4
Flaring	-	300	300	300	490	63.3
Reinjection	4,500	3,850	3,800	3,850	5,010	30.1
Shrinkage	3,700	4,250	4,500	4,600	5,790	25.9
Saudi Arabia						
Gross production	57,330	60,490	64,410	67,920	76,460	12.6
Marketed production	49,810	53,690	57,320	60,060	65,680	9.4
Flaring	580	230	70	120	220	83.3
Reinjection	100	90	160	440	470	6.8
Shrinkage	6,840	6,480	6,860	7,300	10,090	38.2

Natural gas production in OPEC Members, 2000–2004 (million standard cu m)

	2000	2001	2002	2003*	2004*	% change 04/03
United Arab Emirates						
Gross production	50,530	59,020	63,830	64,000	65,430	2.2
Marketed production	38,380	39,360	43,390	44,800	45,800	2.2
Flaring	1,290	690	470	610	630	3.3
Reinjection	7,500	14,600	15,200	13,760	14,060	2.2
Shrinkage	3,360	4,370	4,770	4,830	4,940	2.3
Venezuela						
Gross production	61,878	62,370	61,982	61,657	68,295	10.8
Marketed production	27,801	31,710	28,415	26,060	28,405	9.0
Flaring	4,874	3,320	4,336	4,391	5,436	23.8
Reinjection	20,407	21,200	24,522	26,278	29,629	12.8
Shrinkage	8,796	6,140	4,709	4,928	4,825	-2.1
OPEC						
Gross production	638,123	651,637	683,461	707,591	764,609	8.1
Marketed production	383,612	398,785	416,879	435,532	464,355	6.6
Flaring	50,931	42,693	48,020	52,960	54,125	2.2
Reinjection	156,794	163,283	168,432	164,945	179,722	9.0
Shrinkage	46,786	46,876	50,130	54,354	66,407	22.2

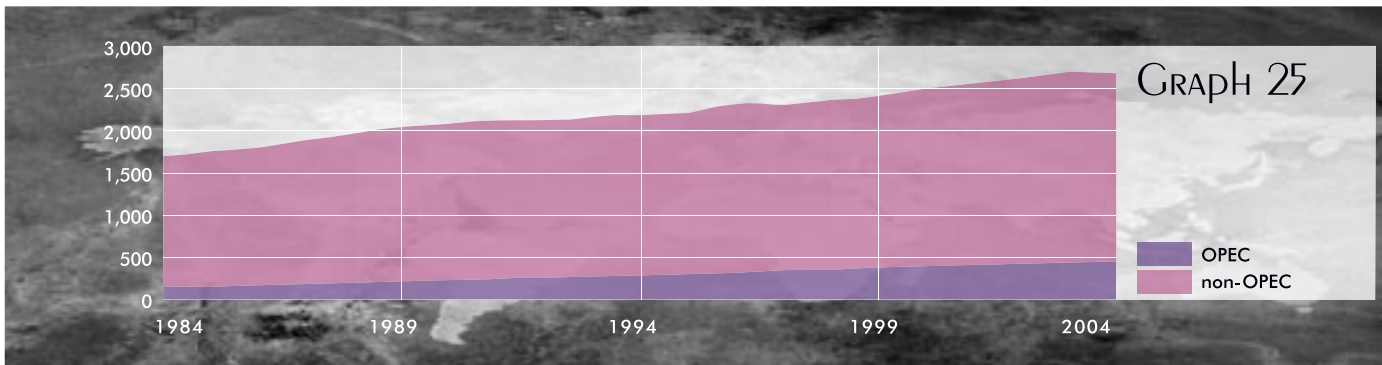
Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

World marketed production of natural gas by country, 2000–2004 (million standard cu m)

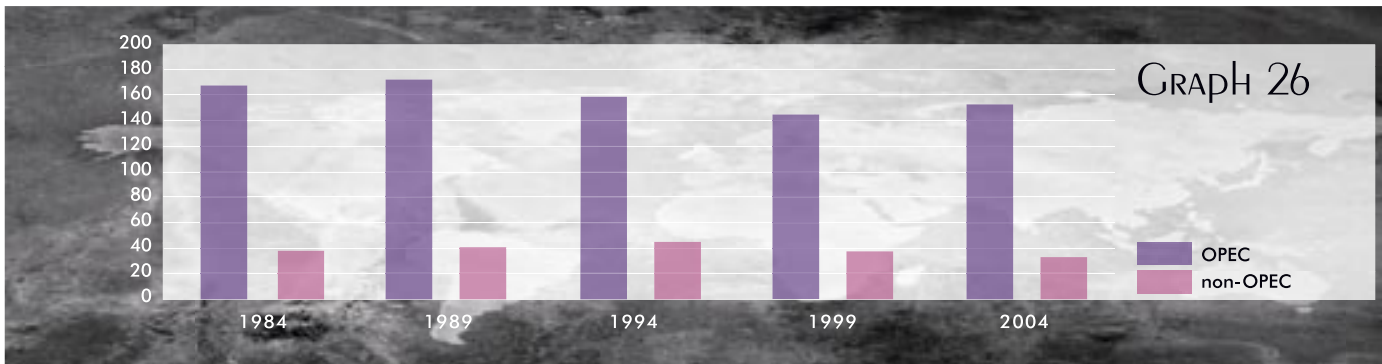
	2000	2001	2002	2003	2004*	% change 04/03
North America	726,434	742,345	723,862	721,810	716,077	-0.8
Canada	183,190	186,800	187,810	182,700	182,800	0.1
United States	543,244	555,545	536,052	539,110	533,277	-1.1
Latin America	131,461	138,770	139,215	153,200	168,055	9.7
Argentina	37,410	37,140	36,110	41,000	44,900	9.5
Bolivia	3,150	4,680	5,800	6,700	10,100	50.7
Brazil	5,310	6,620	8,130	10,100	11,100	9.9
Chile	1,140	1,200	1,100	1,250	1,350	8.0
Colombia	5,700	6,090	6,160	6,100	6,400	4.9
Mexico	35,820	35,310	35,310	36,400	37,100	1.9
Trinidad & Tobago	14,050	15,190	17,300	24,700	27,700	12.1
Venezuela	27,801	31,710	28,415	26,060	28,405	9.0
Others	1,080	830	890	890	1,000	12.4
Eastern Europe	744,280	746,530	761,100	793,590	817,230	3.0
Hungary	3,190	3,150	3,060	2,940	2,730	-7.1
Poland	3,900	4,000	4,000	4,100	4,300	4.9
Romania	13,600	13,000	11,000	12,900	12,900	-
Former USSR	723,240	726,030	742,690	773,300	797,300	3.1
Others	350	350	350	350	350	-
Western Europe	282,630	284,750	293,940	296,530	304,320	2.6
Denmark	8,190	8,380	8,400	7,980	9,450	18.4
Germany	21,240	21,440	20,200	19,650	18,200	-7.4
Italy	15,700	15,520	14,580	13,890	12,980	-6.6
Netherlands	67,750	72,260	71,240	68,400	80,100	17.1
Norway	52,880	55,100	68,310	76,140	80,000	5.1
United Kingdom	108,330	104,470	103,590	102,850	95,970	-6.7
Others	8,540	7,580	7,620	7,620	7,620	-
Middle East	208,907	230,215	247,150	261,140	285,273	9.2
Bahrain	8,530	8,900	9,460	9,600	9,800	2.1
IR Iran	60,147	69,145	75,000	81,500	89,663	10.0
Iraq	3,150	2,760	2,360	1,560	2,600	66.7
Kuwait	9,600	9,500	8,000	9,100	9,700	6.6
Oman	8,390	13,970	15,000	16,500	17,600	6.7
Qatar	24,900	27,000	29,500	31,400	37,810	20.4
Saudi Arabia	49,810	53,690	57,320	60,060	65,680	9.4
Syrian Arab Republic	5,700	5,590	6,800	6,300	6,300	-
United Arab Emirates	38,380	39,360	43,390	44,800	45,800	2.2
Others	300	300	320	320	320	-
Africa	125,589	130,270	135,474	146,352	153,197	4.7
Algeria	83,119	78,240	80,367	82,829	82,009	-1.0
Egypt	18,300	24,450	25,000	30,000	33,100	10.3
SP Libyan AJ	5,880	6,180	6,210	6,400	7,000	9.4
Nigeria	12,460	14,900	15,967	19,023	22,388	17.7
Others	5,830	6,500	7,930	8,100	8,700	7.4
Asia and Pacific	273,115	280,950	299,610	322,100	338,000	4.9
Australia	32,300	33,600	34,600	34,200	36,100	5.6
Bangladesh	9,500	10,300	11,100	12,200	13,000	6.6
Brunei	9,940	10,350	10,850	12,400	12,100	-2.4
China	27,100	30,300	32,630	34,100	39,100	14.7
India	22,500	24,100	26,200	27,300	26,800	-1.8
Indonesia	68,365	66,300	70,350	72,800	73,300	0.7
Malaysia	48,350	46,940	48,500	56,800	62,400	9.9
Myanmar	3,400	7,000	8,400	8,900	9,100	2.2
New Zealand	5,400	6,450	6,150	6,150	5,400	-12.2
Pakistan	22,800	21,930	22,900	27,000	29,800	10.4
Thailand	18,620	18,670	19,980	22,300	22,800	2.2
Others	4,840	5,010	7,950	7,950	8,100	1.9
Total world	2,492,416	2,553,830	2,600,351	2,694,722	2,782,152	3.2
OPEC	383,612	398,785	416,879	435,532	464,355	6.6
OPEC percentage	15.4	15.6	16.0	16.2	16.7	

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

World marketed gas production, 1984–2004 (bn cu m)



World natural gas reserves to production ratios (gross production minus re-injection) (years)



Crude oil production by companies in OPEC Members, 2000–2004 (1,000 b/d)

Algeria	2000	2001	2002	2003*	2004*	% change 04/03
Sonatrach	741.3	723.3	679.8	877.7	1,221.4	–
Total Algérie	7.5	7.3	6.9	8.9	12.3	–
Medaloil	na	na	na	na	na	na
Hispanoil	na	na	na	na	na	na
Braspetro	na	na	na	na	na	na
Total	796.0	776.6	729.9	942.4	1,311.4	39.2

Note: Sum of figures may not equal totals due to unavailability of data for some companies. Revisions have been made throughout the time series.

Indonesia	2000	2001	2002	2003*	2004*	% change 04/03
Pertamina	45.9	43.8	40.0	40.5	48.5	19.8
PT Stanvac	na	na	na	na	na	na
Calasiatic/Topco	na	na	na	na	na	na
Production sharing	1,150.0	1,097.3	1,017.2	1,030.0	1,015.8	–1.4
PT Caltex	693.5	661.7	574.4	581.6	506.1	–13.0
Inpex	na	na	na	na	na	na
Arri	54.7	52.2	39.5	40.0	na	na
Arco	na	na	na	na	na	na
Hudbay Oil	na	na	na	na	na	na
Total Indonésie	21.5	20.5	17.5	17.7	82.0	362.6
Calasiatic/Topco	–	–	–	–	–	na
Unocal	55.4	52.9	51.2	51.8	55.8	7.6
Petromer Trend	na	na	na	na	na	na
Conoco Phillips	47.8	45.6	62.1	62.9	44.2	–29.6
Maxus SES	126.7	120.9	na	na	na	na
Asamera North, South	na	na	na	na	na	na
ExxonMobil	na	na	na	na	21.3	na
CNOOC	na	na	na	na	81.7	na
Tesoro	na	na	na	na	na	na
Marathon	na	na	na	na	na	na
CSR	na	na	na	na	na	na
Hufco	na	na	na	na	na	na
Kodeco Energy	3.8	3.6	13.4	13.6	14.3	5.4
Vico	na	na	19.8	20.0	29.2	45.8
PTSI	na	na	na	na	na	na
Lasmo	na	11.1	na	na	na	na
PT Stanvac (Rimau)	na	na	na	na	na	na
Others	146.6	na	na	na	211.3	–
Total	1,272.5	1,214.2	1,125.5	1,139.7	1,094.4	–4.0

Notes: Sum of figures may not equal totals due to unavailability of data for some companies. Revisions have been made throughout the time series.

IR Iran	2000	2001	2002	2003*	2004*	% change 04/03
NIOC	3,661.3	3,572.0	3,248.4	3,741.6	3,834.2	–
Total	3,661.3	3,572.0	3,248.4	3,741.6	3,834.2	2.5

Crude oil production by companies in OPEC Members, 2000–2004 (1,000 b/d)

Iraq						% change
	2000	2001	2002	2003*	2004*	04/03
INOC	2,810.0	2,593.7	2,126.5	1,377.8	2,106.2	–
Total	2,810.0	2,593.7	2,126.5	1,377.8	2,106.2	52.9

Kuwait						% change
	2000	2001	2002	2003*	2004*	04/03
KOC	1,803.4	1,759.1	1,577.4	1,904.2	2,067.8	8.6
AOC	na	na	na	na	na	na
Total	1,996.1	1,947.0	1,745.9	2,107.6	2,288.7	8.6

SP Libyan AJ						% change
	2000	2001	2002	2003*	2004*	04/03
Ageco/NOC	na	350.0	350.2	417.8	461.2	–
Oasis/NOC	na	375.0	375.1	447.5	494.0	–
Occidental/OMV/NOC	na	10.0	20.0	23.9	26.3	–
Agip	na	220.0	180.0	214.7	237.0	–
Esso Standard/NOC	na	na	na	na	na	na
Mobil/NOC	na	na	na	na	na	na
UMM Jawaby/ Sirte/NOC	na	40.0	60.0	71.6	79.0	–
Aquitaine/NOC	na	na	na	na	na	na
Wintershall	na	70.0	80.0	95.4	105.4	–
NOC, other	na	258.5	135.0	161.0	177.8	–
Total	1,347.2	1,323.5	1,200.3	1,431.9	1,580.7	10.4

Notes: Sum of figures may not equal totals due to unavailability of data for some companies. Revisions have been made throughout the time series.

Nigeria						% change
	2002	2001	2002	2003*	2004*	04/03
Shell/NNPC	947.0	930.4	830.8	999.0	1,086.8	–
Gulf/NNPC	408.0	400.8	358.0	430.4	468.2	–
Mobil/NNPC	304.2	298.9	266.9	320.9	349.1	–
Agip/NNPC	158.1	155.4	138.7	166.8	181.5	–
Elf/NNPC	134.8	132.4	118.3	142.2	154.7	–
Texaco/NNPC	57.6	56.6	50.5	60.7	66.1	–
Pan Ocean	3.6	3.6	3.2	3.8	4.2	–
Tenneco	na	na	na	na	na	na
Phillips	na	na	na	na	na	na
Others	20.5	20.2	18.0	21.6	23.5	–
Production sharing						
Ashland	19.7	19.4	17.3	20.8	22.6	–
Total	2,053.6	2,017.6	1,801.7	2,166.3	2,356.8	8.8

Notes: Sum of figures may not equal totals due to unavailability of data for some companies. Revisions have been made throughout the time series.

Crude oil production by companies in OPEC Members, 2000–2004 (1,000 b/d)

Qatar	2000	2001	2002	2003*	2004*	% change 04/03
QGPC						
Offshore	435.2	424.9	381.9	453.8	507.1	na
Onshore	213.0	208.0	187.0	222.2	248.2	–
Total	648.2	632.9	568.9	676.0	755.3	11.7

Saudi Arabia	2000	2001	2002	2003*	2004*	% change 04/03
Aramco	7,852.5	7,570.6	6,792.3	8,103.5	8,572.4	5.8
AOC	na	na	na	na	na	na
Getty Oil Company	na	na	na	na	na	na
Total	8,094.5	7,888.9	7,093.1	8,410.3	8,897.0	5.8

Notes: Sum of figures may not equal totals due to unavailability of data for some companies. Revisions have been made throughout the time series.

United Arab Emirates	2000	2001	2002	2003*	2004*	% change 04/03
Abu Dhabi						
ADCO	1,082.5	1,059.7	961.7	1,151.6	1,211.2	–
ADMA	493.2	482.8	438.2	524.7	551.8	–
Total	31.2	30.5	27.7	33.2	34.9	–
ADOC	24.5	24.0	21.8	26.1	27.4	–
Amerada Hess	10.8	10.6	9.6	11.5	12.1	–
Zadco	342.5	335.3	304.3	364.4	383.3	–
Dubai						
DPC	181.9	166.2	137.0	136.5	122.9	–
Sharjah						
Buttes	8.2	6.1	na	na	na	–
Total	2,174.7	2,115.2	1,900.3	2,248.0	2,343.6	4.3

Notes: Sum of figures may not equal totals due to unavailability of data for some companies. Revisions have been made throughout the time series.

Venezuela	2000	2001	2002	2003	2004	% change 04/03
Lagoven	–	–	–	–	–	–
Maraven	–	–	–	–	–	–
Meneven	–	–	–	–	–	–
Corpoven	–	–	–	–	–	–
PDVSA	2,891.0	2,791.9	2,782.0	2,643.0	3,009.4	–
Total	2,891.0	2,791.9	2,782.0	2,643.0	3,009.4	13.9

Parent companies' percentage equity in companies holding producing rights in OPEC Members, 2004

	BP ¹	Total ²	Exxon ³	Mobil ³	Shell	Chevron ⁴	Texaco ⁴	Government or NOC	Others
Algeria									
Sonatrach	-	-	-	-	-	-	-	100.00	-
Total Algérie	-	85.00	-	-	-	-	-	15.00	-
Medaloil	-	-	-	-	-	-	-	51.00	49.00
Hispanoil	-	-	-	-	-	-	-	51.00	49.00
Braspetro	-	-	-	-	-	-	-	51.00	49.00
Indonesia									
Pertamina	-	-	-	-	-	-	-	100.00	-
PT Stanvac	-	-	50.00	50.00	-	-	-	-	-
Calasiatic/Topco	-	-	-	-	-	50.00	50.00	-	-
Production sharing									
PT Caltex	-	-	-	-	-	50.00	50.00	-	-
Inpex	-	-	-	-	-	-	-	-	100.00
Arco	-	-	-	-	-	-	-	-	100.00
Total Indonésie	-	100.00	-	-	-	-	-	-	-
Hudbay Oil	-	-	-	-	-	-	-	-	100.00
Mobil Oil	-	-	-	100.00	-	-	-	-	-
Unocal	-	-	-	-	-	-	-	-	100.00
Petromer Trend	-	-	-	-	-	-	-	-	100.00
Maxus	-	-	-	-	-	-	-	-	100.00
Conoco	-	-	-	-	-	-	-	-	100.00
Tesoro	-	-	-	-	-	-	-	-	100.00
Asamera	-	-	-	-	-	-	-	-	100.00
Marathon	-	-	-	-	-	-	-	-	100.00
IR Iran									
NIOC	-	-	-	-	-	-	-	100.00	-
Iraq									
INOC	-	-	-	-	-	-	-	100.00	-
Kuwait									
KOC	-	-	-	-	-	-	-	100.00	-
AOC	-	-	-	-	-	-	-	20.00	80.00
SP Libyan AJ									
Oasis/NOC	-	-	-	-	-	-	-	59.17	40.83
Occidental/OMV//NOC	-	-	-	-	-	-	-	51.00	49.00
Agip/NOC	-	-	-	-	-	-	-	50.00	50.00
Umm Jawaby/Sirte/NOC	-	-	-	-	-	-	-	100.00	-
Aquitaine/NOC ²	-	-	-	-	-	-	-	85.00	15.00
Wintershall	-	-	-	-	-	-	-	-	100.00
Glesenberg	-	-	-	-	-	-	-	82.90	17.10
Grace Petroleum/Sirte	-	-	-	-	-	-	-	88.00	12.00
Occidental/OMV/NOC	-	-	-	-	-	-	-	81.00	19.00
Nigeria									
Shell/NNPC	-	-	-	-	30.00	-	-	60.00	10.00
Chevron/NNPC	-	-	-	-	-	40.00	-	60.00	-
Mobil/NNPC	-	-	-	40.00	-	-	-	60.00	-
Agip/Phillips/NNPC	-	-	-	-	-	-	-	60.00	40.00
Elf/NNPC	-	-	-	-	-	-	-	60.00	40.00
Texaco/NNPC	-	-	-	-	-	20.00	20.00	60.00	-
Pan Ocean	-	-	-	-	-	-	-	60.00	40.00
Tenneco	-	-	-	-	-	-	-	80.00	20.00
Phillips	-	-	-	-	-	-	-	60.00	40.00
Production sharing									
Ashland	-	-	-	-	-	-	-	50.00	50.00
Qatar									
QGPC	-	-	-	-	-	-	-	100.00	-

Parent companies' percentage equity in companies holding producing rights in OPEC Members, 2004

	BP ¹	Total ²	Exxon ³	Mobil ³	Shell	Chevron ⁴	Texaco ⁴	Government or NOC	Others
Saudi Arabia									
Aramco	-	-	-	-	-	-	-	100.00	-
AOC	-	-	-	-	-	-	-	20.00	80.00
Getty Oil Company	-	-	-	-	-	-	-	-	100.00
United Arab Emirates									
ADCO	9.50	9.50	4.75	4.75	9.50	-	-	60.00	2.00
ADMA	14.67	13.33	-	-	-	-	-	60.00	12.00
Total	-	65.70	-	-	-	-	-	-	34.30
Amerada Hess	-	-	-	-	-	-	-	-	100.00
ADOC	-	-	-	-	-	-	-	-	100.00
DPC	-	-	-	-	-	-	-	-	100.00
Buttes	-	-	-	-	-	-	-	-	100.00
Zadco	-	-	-	-	-	-	-	88.00	12.00
Venezuela									
PDVSA	-	-	-	-	-	-	-	100.00	-

Notes: Figures as at year-end.

1. BP and Amoco merged on December 31, 1998. The firm changed its name to BP in 2002.
2. TotalFina merged with Elf in 2000. The merged firm changed its name to Total in 2003.
3. Exxon and Mobil merged on November 30, 1999.
4. Chevron and Texaco merged in October 2001.

Parent companies' estimated gross share of crude oil production in OPEC Members, 2000–2004 (1,000 b/d)

	2000	2001	2002*	2003*	2004*
Algeria	796	777	730	942	1,311
Total Algérie ²	8	7	7	8	12
Government or NOC	741	723	679	877	1220
Others	47	47	44	57	79
Indonesia	1,273	1,214	1,126	1,140	1,094
Total Indonésie ²	75	71	18	18	82
Exxon ³	19	18	na	na	21
Mobil ³	60	58	na	na	na
Chevron ⁴	295	282	287	291	253
Texaco ⁴	295	282	287	291	253
Government or NOC	62	59	40	40	49
Others	465	444	494	500	436
IR Iran	3,661	3,572	3,248	3,742	3,834
Government or NOC	3,661	3,572	3,248	3,742	3,834
Others	–	–	–	–	–
Iraq	2,810	2,594	2,127	1,379	2,106
Government or NOC	2,810	2,594	2,127	1,379	2,106
Others	–	–	–	–	–
Kuwait	1,996	1,947	1,746	2,108	2,289
Government or NOC	1,803	1,759	1,577	1,904	2,067
Others	193	188	169	204	221
SP Libyan AJ	1,347	1,324	1,200	1,432	1,581
Government or NOC	1,003	974	883	1,054	1,163
Others	344	350	317	378	418
Nigeria	2,054	2,018	1,802	2,166	2,357
Total ²	54	53	47	57	62
Mobil ³	121	119	106	128	139
Shell	284	279	250	300	326
Chevron ⁴	174	171	153	184	200
Texaco ⁴	11	11	10	12	13
Government or NOC	1,233	1,211	1,081	1,300	1,414
Others	176	173	155	186	202
Qatar	648	633	569	676	755
Government or NOC	648	633	569	676	755
Others	–	–	–	–	–
Saudi Arabia	8,095	7,889	7,093	8,410	8,897
Government or NOC	7,901	7,700	6,923	8,104	8,572
Others	194	189	170	306	325
United Arab Emirates	2,175	2,114	1,900	2,248	2,344
BP ¹	164	159	143	170	177
Total ²	177	172	155	183	191
Exxon ³	75	73	66	78	81
Mobil ³	75	73	66	78	81
Shell	97	94	84	100	104
Government or NOC	1,171	1,138	1,023	1,210	1,261
Others	416	404	363	430	448
Venezuela	2,891	2,792	2,782	2,643	3,009
Government or NOC	2,891	2,792	2,782	2,643	3,009
Others	–	–	–	–	–

Parent companies' estimated gross share of crude oil production in OPEC Members, 2000–2004 (1,000 b/d)

	2000	2001	2002*	2003*	2004*
OPEC	27,746	26,874	24,323	26,886	29,577
BP ¹	164	159	143	170	177
Total ²	314	304	227	267	347
Exxon ³	95	92	66	78	102
Mobil ³	257	250	172	206	221
Shell	381	373	334	400	431
Chevron ⁴	470	453	440	474	453
Texaco ⁴	306	293	297	302	266
Government or NOC	23,924	23,155	20,933	22,929	25,452
Others	1,835	1,795	1,711	2,061	2,130

Notes: Totals may not add up due to independent rounding.

1. BP and Amoco merged on December 31, 1998. The firm changed its name to BP in 2002.
2. TotalFina merged with Elf on February 9, 2000. The merged company changed its name to Total in 2003.
3. Exxon and Mobil merged on November 30, 1999.
4. Chevron and Texaco merged to in October 2001.

Refinery capacity in OPEC Members by location, 2000–2004 (1,000 b/d)

	Location	2000	2001	2002	2003	2004
Algeria		462.2	462.2	462.2	462.2	462.2
Sonatrach	Skikda	323.4	323.4	323.4	323.4	323.4
	Arzew	53.9	53.9	53.9	53.9	53.9
	El Harrach	58.2	58.2	58.2	58.2	58.2
	Hassi Messaoud	26.7	26.7	26.7	26.7	26.7
	In Amenas	–	–	–	–	–
Indonesia		1,057.0	1,057.0	1,057.0	1,057.0	1,055.5
Pertamina	Musi ¹	135.2	135.2	135.2	135.2	133.7
	Balongan	125.0	125.0	125.0	125.0	125.0
	Dumai	120.0	120.0	120.0	120.0	120.0
	Cilacap	348.0	348.0	348.0	348.0	348.0
	Balikpapan	260.0	260.0	260.0	260.0	260.0
	Sungai Pakning	50.0	50.0	50.0	50.0	50.0
	Pangkalan Brandan	5.0	5.0	5.0	5.0	5.0
	Wonokromo	na	na	na	na	na
	Cepu	3.8	3.8	3.8	3.8	3.8
	Kasim	10.0	10.0	10.0	10.0	10.0
IR Iran		1,474.0	1,474.0	1,474.0	1,474.0	1,474.0
NIOC	Abadan	400.0	400.0	400.0	400.0	400.0
	Arak	150.0	150.0	150.0	150.0	150.0
	Tehran	225.0	225.0	225.0	225.0	225.0
	Isfahan	265.0	265.0	265.0	265.0	265.0
	Tabriz	112.0	112.0	112.0	112.0	112.0
	Shiraz	40.0	40.0	40.0	40.0	40.0
	Kermanshah	30.0	30.0	30.0	30.0	30.0
	Lavan	20.0	20.0	20.0	20.0	20.0
	Masjid-I-Sulaiman	–	–	–	–	–
	Bandar Abbas	232.0	232.0	232.0	232.0	232.0
Iraq		603.0	603.0	603.0	603.0	603.0
INOC	Basrah	126.0	126.0	126.0	126.0	126.0
	Daurah	100.0	100.0	100.0	100.0	100.0
	Kirkuk	27.0	27.0	27.0	27.0	27.0
	Baiji (Salaheddin)	140.0	140.0	140.0	140.0	140.0
	Baiji (North)	150.0	150.0	150.0	150.0	150.0
	Khanaqin/Alwand	10.5	10.5	10.5	10.5	10.5
	Samawah	27.0	27.0	27.0	27.0	27.0
	Haditha	14.0	14.0	14.0	14.0	14.0
	Muffiah	4.5	4.5	4.5	4.5	4.5
	Gaiyarah	4.0	4.0	4.0	4.0	4.0
Kuwait		899.0	899.0	899.0	831.0	936.0
KNPC	Mina Al-Ahmadi	450.0	450.0	450.0	412.0	466.0
	Shuaiba	194.0	194.0	194.0	179.0	200.0
	Mina Abdullah	255.0	255.0	255.0	240.0	270.0
SP Libyan AJ		380.0	380.0	380.0	380.0	380.0
NOC	Zawia	120.0	120.0	120.0	120.0	120.0
	Marsa El-Brega	10.0	10.0	10.0	10.0	10.0
	Ras Lanuf	220.0	220.0	220.0	220.0	220.0
	Tobruk	20.0	20.0	20.0	20.0	20.0
	Sarir	10.0	10.0	10.0	10.0	10.0
Nigeria		445.0	445.0	445.0	445.0	445.0
WRPC	Warri	125.0	125.0	125.0	125.0	125.0
KRPC	Kaduna	110.0	110.0	110.0	110.0	110.0
PHRC	Port Harcourt	60.0	60.0	60.0	60.0	60.0
	Port Harcourt New	150.0	150.0	150.0	150.0	150.0

Refinery capacity in OPEC Members by location, 2000–2004 (1,000 b/d)

	Location	2000	2001	2002	2003	2004
Qatar		63.0	63.0	80.0	80.0	80.0
Qatar Petroleum	Mesaieed I	13.0	13.0	–	–	–
	Mesaieed II	50.0	50.0	80.0	80.0	80.0
Saudi Arabia		1,825.0	1,825.0	1,825.0	2,064.0	2,077.0
Saudi Aramco	Ras Tanura	325.0	325.0	325.0	525.0	525.0
	Jeddah	60.0	60.0	60.0	77.0	84.0
	Riyadh	115.0	115.0	115.0	122.0	120.0
Getty	Mina Saud	–	–	–	–	–
AOC	Khafji	30.0	30.0	30.0	30.0	30.0
Saudi Aramco	Yanbu (domestic)	225.0	225.0	225.0	235.0	235.0
Saudi Aramco/Mobil	Yanbu (export)	365.0	365.0	365.0	400.0	400.0
Saudi Aramco/Shell	Jubail	305.0	305.0	305.0	305.0	313.0
Saudi Aramco/Petrobrás	Rabigh	400.0	400.0	400.0	370.0	370.0
United Arab Emirates		420.0	491.3	491.3	466.3	466.3
ADNOC	Al-Ruwais	140.0	140.0	140.0	120.0	120.0
	Umm Al-Narr	90.0	90.0	90.0	85.0	85.0
Metro Oil	Fujairah	70.0	70.0	70.0	70.0	70.0
Emirate Oil	Jebel Ali	120.0	120.0	120.0	120.0	120.0
Sharjah Oil Refinery	Hamriyah	–	71.3	71.3	71.3	71.3
Venezuela		1,183.2	1,183.2	1,199.0	1,003.8	1,045.7
PDVSA	Amuay	564.0	564.0	564.0	–	–
	Caripito	–	–	–	–	–
	Cardon	293.0	293.0	293.0	–	–
	Paraguana refining centre	–	–	–	664.4	736.7
	San Lorenzo	–	–	–	–	–
	Bajo Grande	11.0	11.0	14.9	3.3	9.4
	Moron	–	–	–	–	–
	Tucupita	–	–	–	–	–
	Puerto La Cruz/El Chaure	200.2	200.2	200.2	160.0	175.0
	San Roque	–	–	–	–	–
	El Palito	115.0	115.0	126.9	176.1	124.6
	Barinas	–	–	–	–	–
OPEC		8,811.4	8,882.7	8,915.5	8,866.2	9,024.7

Notes: Figures as at year-end. Some figures were converted from barrels per stream day. Totals may not add up due to independent rounding.

1. Plaju and Sungai Gerong.

World refinery capacity by country, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
North America	18,444.8	18,508.4	18,606.8	18,686.0	18,792.2	0.6
Canada	1,906.3	1,943.9	1,983.5	1,987.8	2,017.4	1.5
USA	16,538.5	16,564.5	16,623.3	16,698.2	16,774.9	0.5
Latin America	8,106.7	7,993.4	8,255.3	8,128.8	8,146.0	0.2
Argentina	639.1	639.1	639.1	639.1	639.1	–
Brazil	1,918.1	1,785.8	1,865.1	1,914.1	1,920.1	0.3
Colombia	285.9	285.9	285.9	285.9	285.9	–
Mexico	1,525.0	1,525.0	1,684.0	1,684.0	1,684.0	–
Netherland Antilles	320.0	320.0	320.0	320.0	320.0	–
Trinidad & Tobago	160.0	160.0	160.0	165.0	165.0	–
Venezuela	1,183.2	1,183.2	1,183.2	1,003.8	1,045.7	4.2
Virgin Islands	525.0	525.0	525.0	525.0	495.0	–5.7
Others	1,550.4	1,550.4	1,593.0	1,591.9	1,591.2	–
Eastern Europe	9,972.2	10,164.6	10,128.3	10,085.5	9,871.1	–2.1
Former USSR	8,399.6	8,663.1	8,661.6	8,618.7	8,389.1	–2.7
Others	1,572.6	1,501.5	1,466.7	1,466.8	1,482.0	1.0
Western Europe	14,982.5	15,045.9	15,098.6	15,156.8	15,225.6	0.5
Belgium	768.0	791.0	791.0	793.0	803.0	1.3
France	1,895.5	1,896.5	1,903.5	1,951.3	1,951.3	–
Germany	2,259.0	2,258.8	2,267.1	2,289.4	2,323.2	1.5
Italy	2,359.1	2,282.8	2,300.8	2,313.4	2,320.9	0.3
Netherlands	1,203.8	1,205.8	1,206.8	1,221.5	1,227.5	0.5
Spain	1,293.5	1,293.5	1,321.5	1,271.5	1,271.5	–
United Kingdom	1,771.0	1,784.0	1,788.5	1,817.4	1,825.4	0.4
Others	3,432.6	3,533.5	3,519.4	3,499.3	3,502.8	0.1
Middle East	6,337.9	6,409.2	6,423.9	6,570.0	6,688.0	1.8
IR Iran	1,474.0	1,474.0	1,474.0	1,474.0	1,474.0	–
Iraq	603.0	603.0	603.0	603.0	603.0	–
Kuwait	899.0	899.0	899.0	831.0	936.0	12.6
Qatar	63.0	63.0	80.0	80.0	80.0	–
Saudi Arabia	1,825.0	1,825.0	1,825.0	2,064.0	2,077.0	0.6
United Arab Emirates	420.0	491.3	491.3	466.3	466.3	–
Others	1,053.9	1,053.9	1,051.6	1,051.7	1,051.7	–
Africa	3,257.7	3,247.3	3,278.3	3,303.8	3,263.8	–1.2
Algeria	462.2	462.2	462.2	462.2	462.2	–
Egypt	726.3	726.3	726.3	726.3	726.3	–
Gabon	17.1	17.3	17.3	17.3	17.3	–
SP Libyan AJ	380.0	380.0	380.0	380.0	380.0	–
Nigeria	445.0	445.0	445.0	445.0	445.0	–
Others	1,227.1	1,216.5	1,247.5	1,273.0	1,233.0	–3.1
Asia and Pacific	21,296.0	21,489.4	21,374.4	21,259.2	21,834.0	2.7
China	5,407.0	5,643.0	5,479.0	5,487.0	5,818.0	6.0
India	2,219.0	2,261.0	2,289.0	2,333.0	2,513.0	7.7
Indonesia	1,057.0	1,057.0	1,057.0	1,057.0	1,057.0	–
Japan	4,962.1	4,786.3	4,766.9	4,702.9	4,706.9	0.1
South Korea	2,460.1	2,560.1	2,560.1	2,544.0	2,576.5	1.3
Singapore	1,270.0	1,258.5	1,258.5	1,318.6	1,318.6	–
Taiwan	920.0	920.0	920.0	920.0	920.0	–
Australia	846.5	848.3	848.3	755.0	755.0	–
Others	2,154.3	2,155.2	2,195.6	2,141.7	2,169.0	1.3
Total world	82,397.8	82,858.2	83,165.6	83,190.1	83,820.7	0.8
OPEC	8,811.4	8,882.7	8,915.5	8,866.2	9,024.7	1.8
OPEC percentage	10.7	10.7	10.7	10.7	10.8	

Notes: Figures as at year-end. Some figures were converted from barrels per stream day. Totals may not add up due to independent rounding.

Output of refined products by type in OPEC Members, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
Algeria	441.4	456.0	469.6	447.9	446.6	-0.3
Gasoline	45.6	44.9	na	41.0	42.2	3.0
Kerosene	34.0	31.6	na	28.5	27.9	-2.1
Distillates	130.0	139.0	na	133.9	131.3	-2.0
Residuals	104.5	107.6	na	116.5	113.9	-2.2
Others	127.3	133.0	na	128.1	131.4	2.6
Indonesia	968.2	1,006.1	1,002.4	944.4	1,011.6	7.1
Gasoline	193.5	204.1	200.8	190.6	206.2	8.2
Kerosene	158.6	163.8	154.3	160.4	196.0	22.2
Distillates	262.7	272.0	280.6	258.9	289.0	11.6
Residuals	87.4	91.8	102.2	92.8	80.4	-13.4
Others	265.9	274.3	264.5	241.6	240.0	-0.6
IR Iran	1,316.4	1,436.7	1,440.5	1,344.7	1,437.4	6.9
Gasoline	182.6	na	na	186.3	na	na
Kerosene	156.9	na	na	163.7	na	na
Distillates	357.3	na	na	363.7	na	na
Residuals	397.6	na	na	410.6	na	na
Others	222.0	na	na	220.4	na	na
Iraq	493.2	531.9	518.2	463.8	491.0	-
Gasoline	75.8	na	na	76.0	na	na
Kerosene	36.5	na	na	36.1	na	na
Distillates	151.9	na	na	135.1	na	na
Residuals	150.0	na	na	134.9	na	na
Others	78.9	na	na	81.8	na	na
Kuwait	729.5	659.7	721.2	839.2	840.1	0.1
Gasoline	43.6	na	31.3	31.6	44.8	42.1
Kerosene	126.1	na	110.8	143.8	145.8	1.4
Distillates	217.6	na	216.1	246.2	246.1	-
Residuals	152.0	na	152.9	179.3	176.5	-1.6
Others	190.2	na	210.0	238.4	226.8	-4.9
SP Libyan AJ	337.8	341.5	369.8	322.7	356.7	10.5
Gasoline	49.0	na	na	na	na	na
Kerosene	34.8	na	na	na	na	na
Distillates	85.5	na	na	na	na	na
Residuals	101.7	na	na	na	na	na
Others	66.8	na	na	na	na	na
Nigeria	88.6	227.8	307.0	307.4	341.0	10.9
Gasoline	21.4	60.1	90.9	79.6	na	na
Kerosene	14.4	34.0	47.5	51.7	na	na
Distillates	20.9	50.4	80.0	96.7	na	na
Residuals	28.5	59.5	74.8	75.3	na	na
Others	3.5	23.8	13.8	4.1	na	na
Qatar	57.8	42.1	43.1	115.3	118.6	2.9
Gasoline	13.5	na	11.0	40.7	39.9	-1.9
Kerosene	9.0	na	6.7	20.2	21.5	4.5
Distillates	13.3	na	11.9	20.2	21.1	4.4
Residuals	18.1	na	7.8	7.9	8.0	1.2
Others	3.9	na	5.7	26.2	28.0	6.9
Saudi Arabia	1,649.7	1,636.9	1,596.9	1,760.6	1,912.6	8.6
Gasoline	275.0	270.9	261.5	294.5	317.9	8.0
Kerosene	183.3	164.5	163.6	179.6	183.5	2.2
Distillates	543.0	530.9	528.0	590.7	643.5	8.9
Residuals	449.2	464.5	432.0	464.0	473.4	2.0
Others	199.3	206.1	211.8	231.8	294.3	26.9

Output of refined products by type in OPEC Members, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
United Arab Emirates	315.3	309.5	424.7	430.2	439.8	2.2
Gasoline	29.6	na	31.2	35.0	40.7	16.3
Kerosene	84.7	na	107.0	118.5	117.0	-1.3
Distillates	79.7	na	95.6	94.2	96.9	2.9
Residuals	36.9	na	31.1	21.4	23.5	9.8
Others	84.4	na	159.7	161.1	161.7	0.4
Venezuela	1,240.8	1,264.5	1,228.7	1,016.2	1,042.8	2.6
Gasoline	201.3	na	314.1	119.4	281.1	135.5
Kerosene	93.8	na	87.9	70.4	84.0	19.3
Distillates	339.9	na	374.3	276.7	286.8	3.7
Residuals	260.3	na	223.2	255.1	244.8	-4.0
Others	345.6	na	197.9	294.7	146.0	-50.5
OPEC	7,638.7	7,912.8	8,121.9	7,992.4	8,438.2	5.6
Gasoline	1,130.8	na	na	na	na	na
Kerosene	932.3	na	na	na	na	na
Distillates	2,201.8	na	na	na	na	na
Residuals	1,786.0	na	na	na	na	na
Others	1,587.8	na	na	na	na	na

Notes: Totals may not add up due to independent rounding. Data excludes production of gas plants.

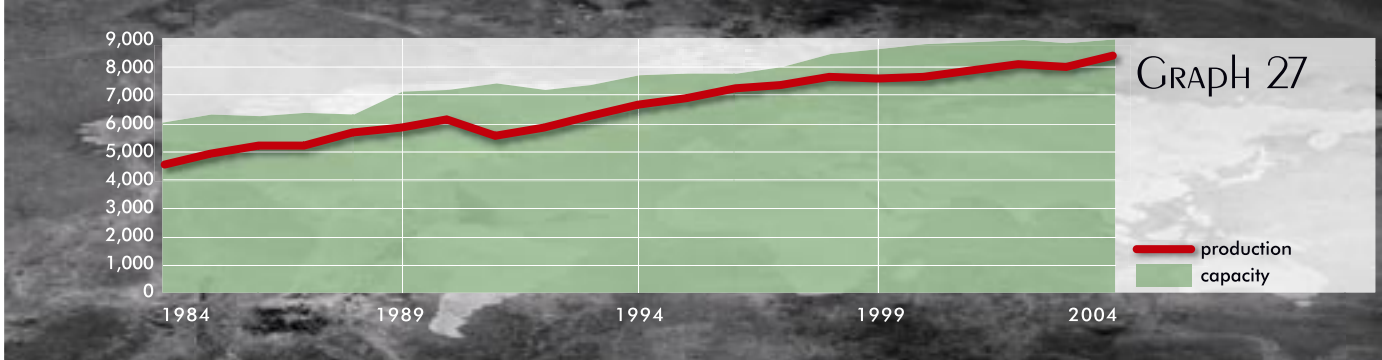
World output of refined products by country, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004*	% change 04/03
North America	19,305.1	19,200.2	19,282.6	19,697.8	20,218.1	2.6
Canada	1,980.9	2,028.6	2,034.7	2,077.8	2,104.8	1.3
United States	17,324.2	17,171.6	17,247.9	17,620.0	18,113.4	2.8
Latin America	6,653.1	6,801.6	6,843.4	7,076.2	7,239.4	2.3
Argentina	535.1	537.3	538.9	662.9	667.5	0.7
Brazil	1,719.3	1,757.1	1,794.0	2,079.7	2,127.5	2.3
Mexico	1,294.7	1,325.9	1,326.9	1,358.3	1,397.7	2.9
Venezuela	1,240.8	1,264.5	1,228.7	1,016.2	1,042.8	2.6
Virgin Islands	422.0	431.0	432.0	435.3	437.1	0.4
Others	1,441.1	1,485.8	1,522.9	1,523.7	1,566.8	2.8
Eastern Europe	5,828.0	6,165.4	6,543.4	6,652.3	6,835.4	2.8
Bulgaria	129.1	126.8	124.6	127.4	128.5	0.9
Romania	216.5	219.1	222.0	286.2	287.7	0.5
Former USSR	4,676.7	5,018.1	5,394.5	5,429.6	5,597.9	3.1
Others	805.6	801.3	802.3	809.1	821.2	1.5
Western Europe	14,833.1	14,774.8	14,925.0	15,012.0	15,460.3	3.0
Belgium	787.8	823.6	825.7	827.5	855.2	3.3
France	1,802.2	1,841.0	1,862.6	1,878.7	1,926.8	2.6
Germany	2,466.9	2,427.7	2,447.3	2,451.5	2,519.5	2.8
Italy	1,995.0	2,040.1	2,037.6	2,047.6	2,108.7	3.0
Netherlands	1,750.0	1,782.2	1,796.1	1,808.0	1,862.8	3.0
Norway	325.9	298.9	312.4	314.2	323.8	3.1
Portugal	259.0	277.8	278.4	279.6	288.0	3.0
Spain	1,234.9	1,195.3	1,215.1	1,219.2	1,254.4	2.9
United Kingdom	1,867.8	1,736.8	1,802.3	1,819.0	1,877.8	3.2
Others	2,343.6	2,351.4	2,347.5	2,366.7	2,443.2	3.2
Middle East	5,534.2	5,593.2	5,726.7	5,944.3	6,250.9	5.2
IR Iran	1,316.4	1,436.7	1,440.5	1,344.7	1,437.4	6.9
Iraq	493.2	531.9	518.2	463.8	491.0	5.9
Kuwait	729.5	659.7	721.2	839.2	840.1	0.1
Qatar	57.8	42.1	43.1	115.3	118.6	2.9
Saudi Arabia	1,649.7	1,636.9	1,596.9	1,760.6	1,912.6	8.6
United Arab Emirates	315.3	309.5	424.7	430.2	439.8	2.2
Others	972.3	976.2	982.1	990.5	1,011.3	2.1
Africa	2,404.8	2,583.5	2,738.7	2,678.5	2,786.2	4.0
Algeria	441.4	456.0	469.6	447.9	446.6	-0.3
Egypt	575.8	587.3	610.8	614.5	635.4	3.4
Gabon	16.2	16.5	16.7	16.9	17.1	1.2
SP Libyan AJ	337.8	341.5	369.8	322.7	356.7	10.5
Nigeria	88.6	227.8	307.0	307.4	341.0	10.9
Others	944.9	954.4	964.9	969.2	989.5	2.1
Asia and Pacific	17,843.9	17,941.8	18,176.5	18,173.9	18,780.8	3.3
Australia	786.7	788.8	798.8	798.8	819.9	2.6
China	3,871.3	3,913.4	3,997.4	4,015.4	4,150.2	3.4
India	1,680.0	1,737.1	1,804.9	1,814.9	1,870.7	3.1
Indonesia	968.2	1,006.1	1,002.4	944.4	1,011.6	7.1
Japan	4,357.6	4,330.1	4,337.1	4,338.1	4,472.8	3.1
Philippines	346.0	355.3	368.5	370.0	379.4	2.6
Singapore	911.3	925.9	942.5	949.8	978.8	3.1
South Korea	2,526.7	2,465.1	2,476.1	2,476.1	2,555.5	3.2
New Zealand	108.3	106.9	107.9	107.9	110.8	2.7
Taiwan	886.3	903.1	921.2	924.9	954.2	3.2
Others	1,401.6	1,410.0	1,419.8	1,433.6	1,476.9	3.0
Total world	72,402.2	73,060.3	74,236.3	75,235.0	77,571.1	3.1
OPEC	7,638.7	7,912.8	8,121.9	7,992.4	8,438.2	5.6
OPEC percentage	10.6	10.8	10.9	10.6	10.9	

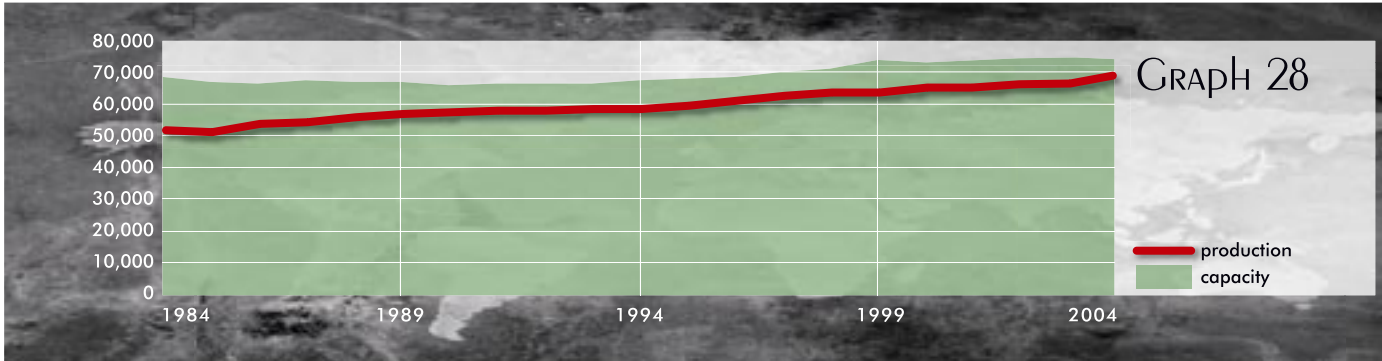
Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series. Data excludes production of gas plants.

Output of refined products vs refinery capacity, 1984–2004

OPEC



Non-OPEC



Consumption of refined products by type in OPEC Members, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
Algeria	187.7	188.7	203.7	218.3	232.9	6.7
Gasoline	42.3	41.3	41.0	40.0	41.3	3.3
Kerosene	8.2	9.6	9.8	8.5	8.0	-5.1
Distillates	79.2	84.3	95.9	102.5	113.0	10.3
Residuals	0.3	0.2	0.2	0.2	0.2	5.5
Others	57.8	53.3	56.8	67.2	70.3	4.8
Indonesia	996.4	1,026.0	1,075.4	1,112.9	1,143.7	2.8
Gasoline	213.6	220.8	235.5	252.0	282.1	12.0
Kerosene	235.7	233.3	239.6	245.8	255.1	3.8
Distillates	398.5	414.7	442.3	460.8	472.9	2.6
Residuals	102.3	108.1	106.2	106.5	98.9	-7.1
Others	46.3	49.1	51.9	47.9	34.7	-27.5
IR Iran	1,189.1	1,220.5	1,257.9	1,328.8	1,414.8	6.5
Gasoline	225.0	256.8	298.1	336.1	375.3	11.7
Kerosene	193.9	185.6	174.8	200.3	215.1	7.4
Distillates	404.0	414.3	430.3	424.8	433.0	1.9
Residuals	232.0	219.4	189.6	171.4	181.3	5.7
Others	134.2	144.3	165.2	196.2	210.2	7.1
Iraq	498.9	542.8	528.8	465.7	565.1	21.3
Gasoline	77.2	83.4	84.8	68.9	78.8	14.3
Kerosene	43.9	46.0	45.6	42.3	49.3	16.5
Distillates	138.4	153.7	150.0	130.0	176.1	35.5
Residuals	143.6	162.0	155.7	140.0	166.3	18.8
Others	95.8	97.7	92.7	84.5	94.7	12.1
Kuwait	152.9	140.8	146.0	206.7	230.8	11.7
Gasoline	36.3	40.3	42.3	44.0	46.7	6.1
Kerosene	8.0	9.0	10.4	16.1	12.1	-24.5
Distillates	11.1	10.2	11.6	16.4	17.4	6.5
Residuals	94.2	76.8	77.0	125.6	149.6	19.1
Others	3.3	4.4	4.7	4.7	5.0	7.2
SP Libyan AJ	201.7	202.8	200.7	212.5	225.2	6.0
Gasoline	42.2	36.4	35.5	39.6	47.6	20.1
Kerosene	15.5	11.1	10.9	11.5	11.7	1.7
Distillates	69.0	73.7	75.0	75.4	78.4	3.9
Residuals	48.6	48.7	47.3	47.1	46.7	-0.8
Others	26.5	33.0	31.9	38.9	40.8	5.0
Nigeria	213.7	244.5	242.0	230.6	236.6	2.6
Gasoline	105.7	127.8	134.9	136.6	141.0	3.2
Kerosene	37.6	43.3	41.5	31.9	32.8	2.7
Distillates	46.6	54.6	46.4	42.0	43.6	3.7
Residuals	21.8	17.4	15.0	15.0	14.1	-6.0
Others	2.0	1.4	4.2	5.0	5.1	1.1
Qatar	23.6	25.4	32.9	30.8	32.7	6.0
Gasoline	11.7	12.5	15.8	13.4	14.3	6.3
Kerosene	3.9	4.2	6.7	5.9	6.3	5.7
Distillates	6.9	7.5	8.8	10.0	10.6	6.0
Residuals	na	na	na	na	na	na
Others	1.1	1.2	1.6	1.4	1.5	5.0
Saudi Arabia	937.0	982.0	1,053.7	1,140.5	1,187.2	4.1
Gasoline	273.3	282.3	301.2	311.2	330.7	6.3
Kerosene	55.3	53.8	53.8	58.8	55.2	-6.2
Distillates	372.9	400.4	402.0	420.0	433.3	3.2
Residuals	170.4	177.7	213.6	258.9	272.5	5.2
Others	65.0	67.7	83.0	91.5	95.6	4.4

Consumption of refined products by type in OPEC Members, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
United Arab Emirates	209.5	220.6	237.2	259.2	265.0	2.2
Gasoline	45.5	55.5	65.8	72.5	72.0	-0.7
Kerosene	67.7	69.5	70.3	72.0	74.0	2.8
Distillates	62.4	63.5	71.4	80.0	81.5	1.9
Residuals	25.5	23.4	20.7	19.7	20.5	4.1
Others	8.4	8.8	9.0	15.0	17.0	13.3
Venezuela	491.9	516.2	470.2	447.7	466.1	4.1
Gasoline	239.2	245.8	234.5	222.9	232.4	4.3
Kerosene	12.9	12.9	12.3	8.1	12.2	51.7
Distillates	122.1	122.4	116.7	105.2	115.7	10.0
Residuals	44.9	45.0	43.0	42.1	42.6	1.2
Others	72.8	90.0	63.6	69.4	63.1	-9.1
OPEC	5,102.4	5,310.3	5,448.6	5,653.7	6,000.2	6.1
Gasoline	1,312.0	1,403.0	1,489.6	1,537.2	1,662.2	8.1
Kerosene	682.6	678.4	675.8	701.2	731.9	4.4
Distillates	1,711.0	1,799.2	1,850.5	1,867.1	1,975.5	5.8
Residuals	883.6	878.8	868.3	926.4	992.6	7.1
Others	513.2	550.9	564.4	621.7	638.0	2.6

Note: Revisions have been made throughout the time series.

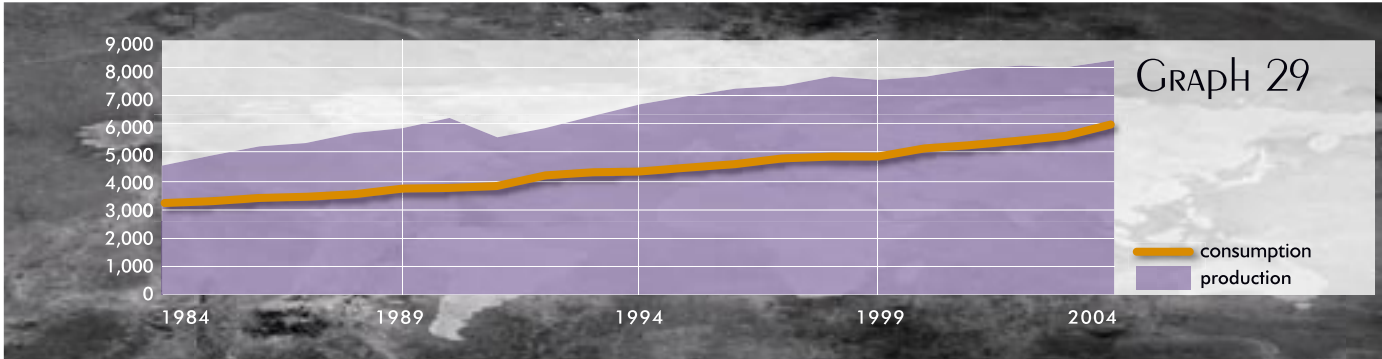
World consumption of refined products by country, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
North America	21,407.9	21,521.7	21,924.9	22,258.0	22,857.8	2.7
Canada	1,979.4	2,005.6	2,038.3	2,156.3	2,260.9	4.8
United States	19,426.0	19,513.6	19,884.1	20,099.0	20,594.3	2.5
Others	2.5	2.5	2.5	2.6	2.6	1.2
Latin America	6,435.0	6,404.8	6,281.2	6,281.0	6,452.4	2.7
Argentina	492.8	458.9	410.7	410.1	431.0	5.1
Brazil	1,863.2	1,871.0	1,857.4	1,795.5	1,865.6	3.9
Colombia	258.8	240.9	228.4	226.7	234.5	3.4
Ecuador	124.8	135.2	139.7	139.7	143.5	2.7
Mexico	2,015.2	1,986.0	1,939.5	2,016.8	2,038.6	1.1
Venezuela	491.9	516.2	470.2	447.7	466.1	4.1
Others	1,188.3	1,196.6	1,235.3	1,244.4	1,273.2	2.3
Eastern Europe	4,862.9	5,060.1	4,865.7	4,958.0	4,932.3	-0.5
Czech Republic	168.7	177.3	173.5	184.5	201.4	9.2
Slovakia	71.0	68.0	74.0	71.0	71.0	0.0
Romania	199.6	228.8	223.5	216.4	221.5	2.3
Former USSR	3,766.5	3,936.8	3,736.6	3,767.7	3,835.3	1.8
Others	657.1	649.3	658.1	718.4	603.2	-16.0
Western Europe	13,865.9	13,988.3	13,905.6	14,093.0	14,189.8	0.7
France	1,951.4	2,006.2	1,936.4	2,007.2	1,979.3	-1.4
Germany	2,736.3	2,772.8	2,676.6	2,628.7	2,590.8	-1.4
Italy	1,806.1	1,784.8	1,815.5	1,815.0	1,818.5	0.2
Netherlands	655.9	672.3	680.3	721.7	730.3	1.2
Spain	1,325.3	1,368.1	1,376.7	1,411.4	1,438.3	1.9
United Kingdom	1,714.3	1,680.0	1,676.4	1,725.5	1,808.5	4.8
Others	3,676.5	3,704.1	3,743.7	3,783.6	3,824.0	1.1
Middle East	3,873.3	4,011.7	4,156.7	4,342.1	4,603.6	6.0
IR Iran	1,189.1	1,220.5	1,257.9	1,328.8	1,414.8	6.5
Iraq	498.9	542.8	528.8	465.7	565.1	21.3
Kuwait	152.9	140.8	146.0	206.7	230.8	11.7
Qatar	23.6	25.4	32.9	30.8	32.7	6.0
Saudi Arabia	937.0	982.0	1,053.7	1,140.5	1,187.2	4.1
Syrian Arab Republic	239.5	241.5	249.1	237.6	240.7	1.3
United Arab Emirates	209.5	220.6	237.2	259.2	265.0	2.2
Others	622.8	638.2	651.1	672.9	667.2	-0.8
Africa	2,219.8	2,340.9	2,382.2	2,438.3	2,506.1	2.8
Algeria	187.7	188.7	203.7	218.3	232.9	6.7
Egypt	508.9	510.4	529.3	545.7	556.8	2.0
SP Libyan AJ	201.7	202.8	200.7	212.5	225.2	6.0
Nigeria	213.7	244.5	242.0	230.6	236.6	2.6
Tunisia	84.4	85.4	84.3	84.8	85.8	1.2
Others	1,023.3	1,109.0	1,122.2	1,146.4	1,168.9	2.0
Asia and Pacific	19,667.8	19,801.1	20,382.9	21,215.4	22,400.0	5.6
Australia	868.0	867.8	845.3	845.6	858.5	1.5
China	4,606.5	4,613.3	4,960.3	5,488.9	6,445.0	17.4
India	2,127.8	2,217.6	2,312.2	2,372.4	2,489.4	4.9
Indonesia	996.4	1,026.0	1,075.4	1,112.9	1,143.7	2.8
Japan	5,341.4	5,236.5	5,176.4	5,277.3	5,133.1	-2.7
New Zealand	127.8	127.7	139.2	147.9	154.2	4.3
South Korea	2,025.9	2,019.2	2,042.9	2,049.2	2,010.1	-1.9
Thailand	684.3	696.5	743.0	801.5	858.9	7.2
Others	2,889.7	2,996.5	3,088.2	3,119.7	3,307.1	6.0
Total world	72,332.5	73,128.7	73,899.1	75,585.7	77,942.1	3.1
OPEC	5,102.4	5,310.3	5,448.6	5,653.7	6,000.2	6.1
OPEC percentage	7.1	7.3	7.4	7.5	7.7	

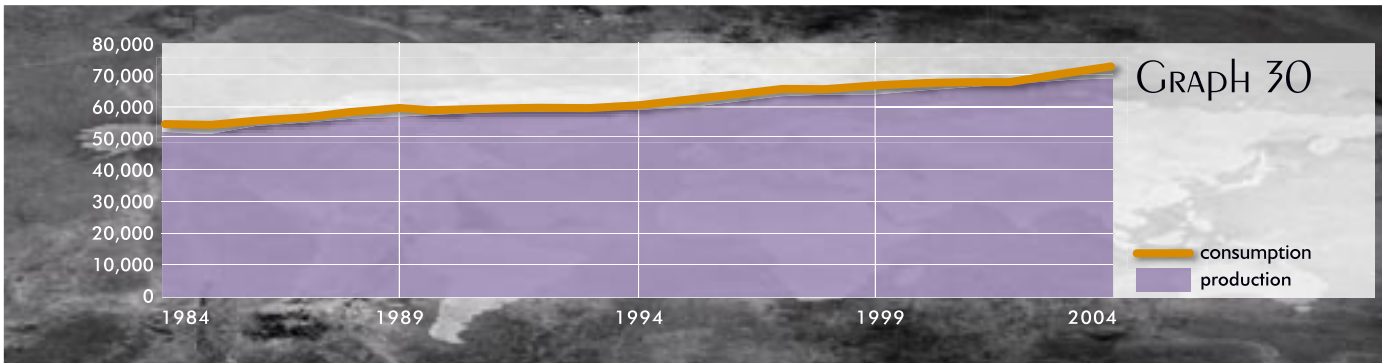
Note: Revisions have been made throughout the time series.

Production and consumption of refined products, 1984–2004 (1,000 b/d)

OPEC



Non-OPEC



OPEC Members' crude oil exports by destination, 2000–2004 (1,000 b/d)

Algeria	2000	2001	2002	2003	2004
North America	59.9	85.2	147.1	263.9	354.3
Canada	59.9	77.9	106.3	123.2	127.1
United States	–	7.3	40.8	140.6	227.2
Latin America	15.0	11.3	63.4	65.2	85.4
Eastern Europe	8.9	–	1.8	0.7	–
Western Europe	353.7	318.1	335.3	383.4	399.5
Belgium	3.6	–	12.7	4.7	–
France	71.2	121.8	101.7	133.6	141.4
Germany	74.1	38.0	38.8	31.3	14.8
Italy	130.7	98.7	100.3	110.8	78.2
Netherlands	2.0	1.3	11.7	5.0	5.0
Spain	30.1	26.0	16.6	32.0	53.6
United Kingdom	11.7	27.3	37.3	33.7	32.6
Middle East	–	–	–	–	8.6
Africa	–	–	3.6	–	–
Asia and Pacific	–	26.8	15.1	28.0	45.4
Unspecified	23.5	–	–	–	–
Total world	461.1	441.5	566.2	741.0	893.2

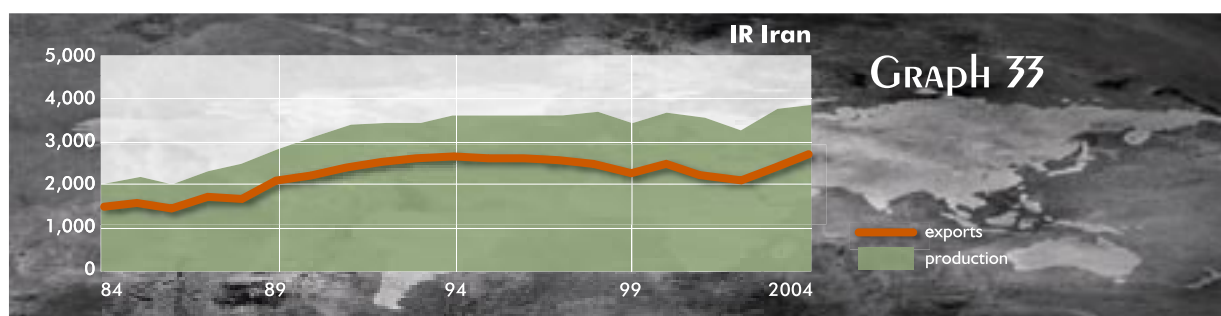
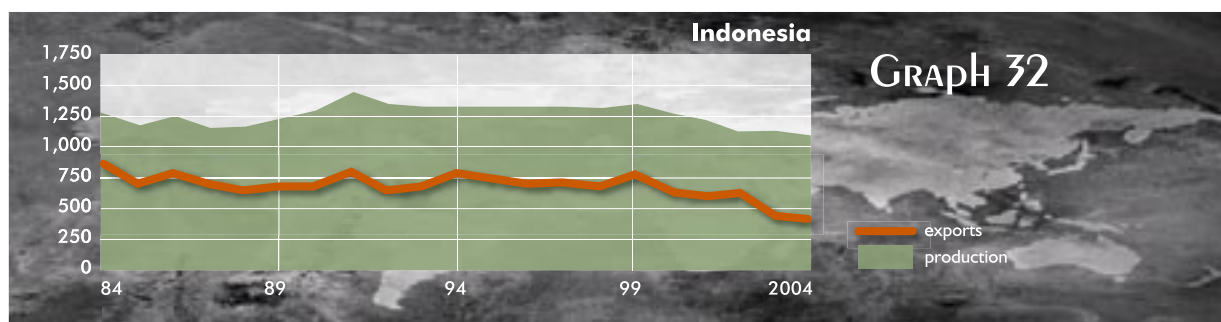
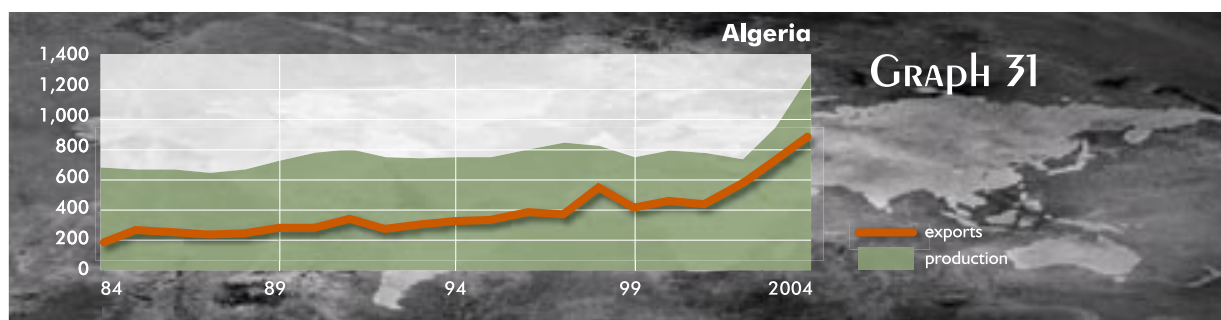
Indonesia	2000	2001	2002	2003	2004
North America	38.8	40.0	47.1	33.5	33.4
United States	38.8	40.0	47.1	33.5	33.4
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	–	–	–	–	–
Italy	–	–	–	–	–
Middle East	1.5	1.3	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	552.1	532.6	562.8	389.4	379.3
Australia	56.3	88.4	96.1	62.5	57.2
China	92.6	89.1	87.6	29.6	–
Japan	205.2	179.6	148.3	123.6	139.9
Philippines	–	–	–	–	–
South Korea	102.5	128.0	146.4	104.0	103.8
Singapore	42.9	3.6	3.6	1.2	–
Taiwan	25.1	27.3	27.3	9.2	–
Unspecified	30.1	25.4	29.9	10.1	–
Total world	622.5	599.2	639.9	433.0	412.7

OPEC Members' crude oil exports by destination, 2000–2004 (1,000 b/d)

IR Iran	2000	2001	2002	2003	2004
North America	–	–	–	–	–
Canada	–	–	–	–	–
United States	–	–	–	–	–
Latin America	60.0	45.0	35.0	52.5	58.8
Eastern Europe	110.0	104.0	90.0	124.9	139.9
Western Europe	920.8	744.3	620.6	708.8	794.0
France	102.8	72.9	76.3	111.4	124.8
Germany	18.3	5.1	1.3	0.5	0.5
Italy	209.7	206.5	189.0	202.2	226.5
Netherlands	64.9	23.4	30.3	46.4	52.0
United Kingdom	–	–	–	–	–
Middle East	30.0	27.6	25.0	26.5	29.7
Africa	200.0	160.9	120.0	166.4	186.3
Asia and Pacific	1,171.4	1,102.8	1,203.0	1,202.6	1,347.0
Australia	–	–	–	1.4	1.6
Japan	490.5	536.6	530.5	652.2	730.5
Unspecified	–	–	–	114.6	128.4
Total world	2,492.2	2,184.6	2,093.6	2,396.3	2,684.1

Note: Corresponds to a fiscal year ending March 20.

OPEC Members' crude oil production vs exports, 1984–2004 (1,000 b/d)



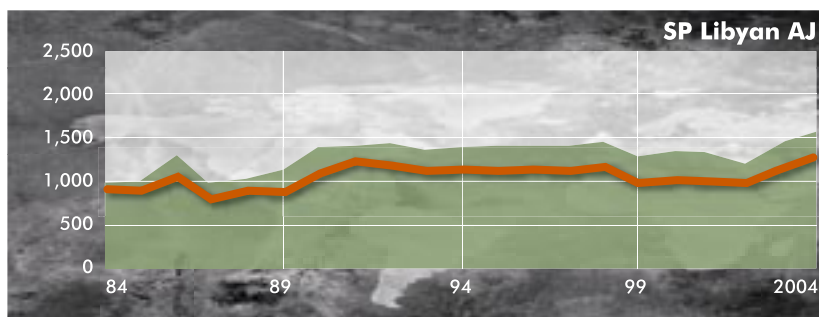
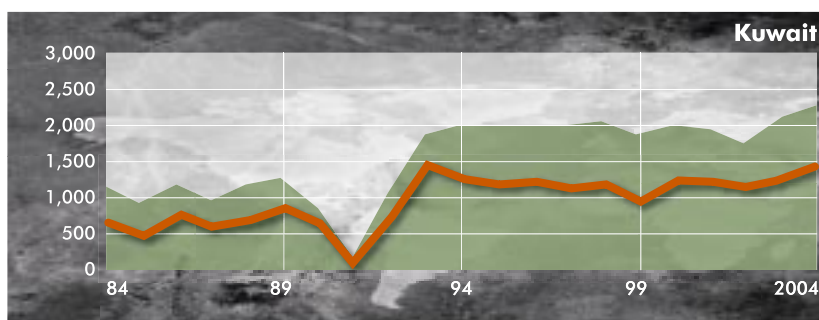
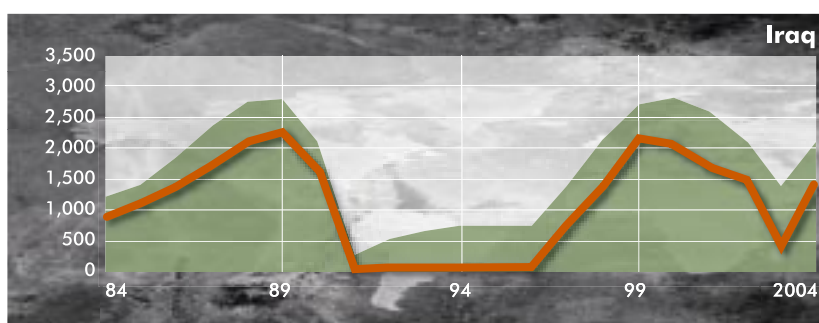
OPEC Members' crude oil exports by destination, 2000–2004 (1,000 b/d)

Iraq	2000	2001	2002	2003	2004*
North America	700.4	922.5	932.8	277.3	1,034.7
United States	658.9	846.1	876.6	239.2	892.4
Latin America	–	–	–	–	–
Eastern Europe	80.0	35.0	24.6	–	–
Western Europe	781.1	398.6	414.3	87.6	326.7
France	146.3	95.8	81.4	8.0	29.9
Germany	4.4	0.4	0.9	0.6	2.2
Italy	177.7	79.3	53.9	34.7	129.5
Netherlands	63.5	95.3	68.0	13.1	48.9
Spain	122.2	51.9	47.2	15.3	57.2
United Kingdom	–	–	–	–	–
Middle East	75.0	85.0	78.4	10.4	38.8
Africa	–	–	–	–	–
Asia and Pacific	227.4	47.3	44.5	13.4	49.8
Japan	72.0	5.4	12.6	10.7	40.0
Unspecified	175.9	221.8	–	–	–
Total world	2,039.8	1,710.2	1,494.6	388.6	1,450.0

Kuwait	2000	2001	2002	2003	2004
North America	270.5	238.5	215.9	164.7	179.1
United States	270.5	238.5	215.9	164.7	179.1
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	203.4	159.3	118.8	108.4	121.7
France	27.1	20.3	11.6	34.4	33.9
Germany	13.0	2.2	2.4	–	1.2
Italy	31.8	13.2	0.6	–	–
Netherlands	131.6	121.8	29.9	80.3	90.9
Spain	–	–	–	–	–
United Kingdom	–	–	–	–	–
Middle East	–	–	–	–	–
Africa	25.0	25.0	–	–	13.0
Asia and Pacific	699.2	739.4	803.3	961.2	1,101.0
Australia	0.9	–	–	0.8	1.1
Japan	395.7	411.0	522.8	295.5	904.1
Unspecified	32.6	52.0	–	8.6	–
Total world	1,230.7	1,214.1	1,138.0	1,242.9	1,414.9

OPEC Members' crude oil exports by destination, 2000–2004 (1,000 b/d)

SP Libyan AJ	2000	2001	2002	2003	2004
North America	–	–	–	–	21.5
Latin America	–	–	–	–	1.7
Eastern Europe	3.5	13.7	7.5	4.4	1.6
Western Europe	986.5	963.9	961.1	1,048.2	1,172.6
Austria	12.9	25.5	13.6	11.5	22.0
Belgium	3.2	0.1	3.7	–	0.7
France	48.5	60.8	46.5	70.9	82.3
Germany	233.7	202.5	187.7	180.1	256.7
Italy	466.9	409.6	484.6	431.7	444.6
Netherlands	–	–	–	–	–
Spain	140.7	145.5	129.9	153.0	144.2
Switzerland	36.3	47.7	43.5	49.3	47.5
United Kingdom	7.1	–	27.1	–	–
Middle East	–	–	–	–	–
Africa	15.0	10.0	13.6	20.1	21.2
Asia and Pacific	–	–	1.4	53.9	47.0
Unspecified	–	–	–	–	18.9
Total world	1,005.0	987.6	983.6	1,126.5	1,284.5



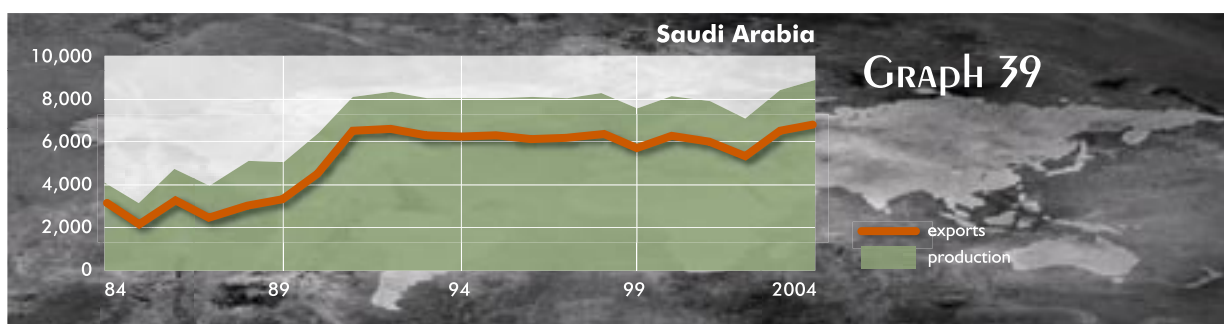
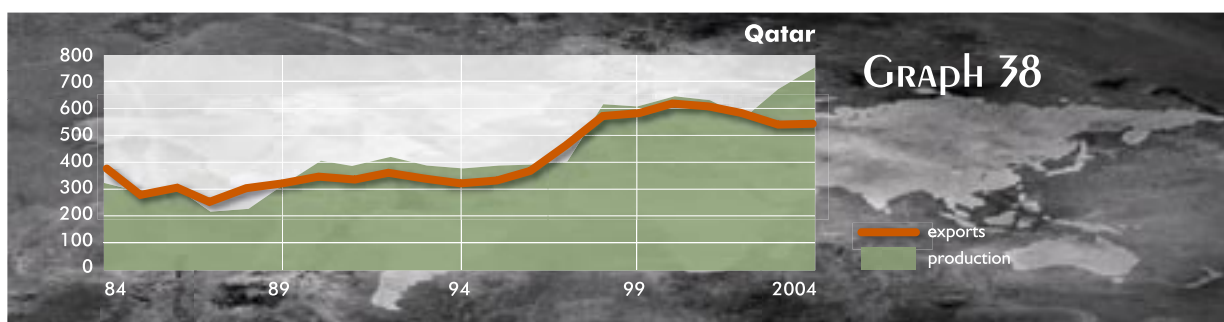
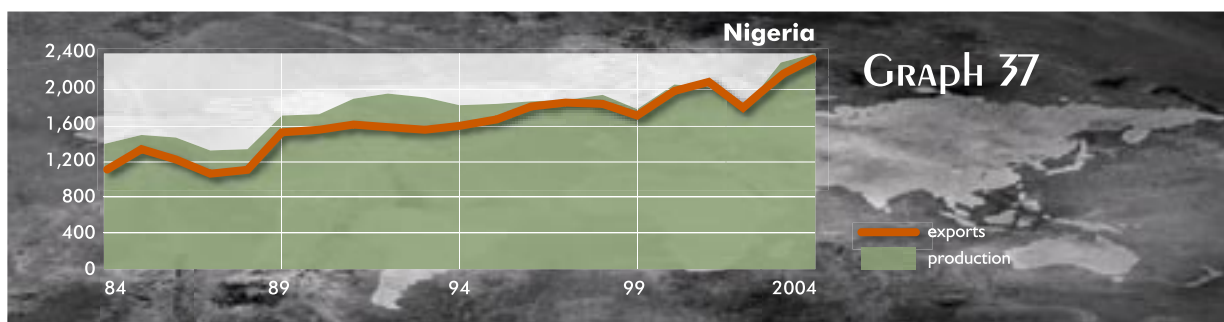
OPEC Members' crude oil exports by destination, 2000–2004 (1,000 b/d)

Nigeria	2000	2001	2002	2003	2004
North America	931.2	858.7	644.3	931.3	951.4
United States	904.3	845.8	580.8	848.9	877.1
Latin America	105.7	121.9	136.4	164.5	236.2
Eastern Europe	2.6	0.0	2.6	23.9	21.7
Western Europe	437.9	514.2	412.3	444.3	484.5
France	91.5	103.3	88.8	104.1	106.2
Germany	37.8	60.9	56.7	57.9	55.0
Italy	23.7	35.4	31.5	34.5	29.0
Netherlands	7.4	28.0	6.9	25.9	37.8
Sweden	5.2	5.1	2.6	–	–
United Kingdom	–	2.3	–	2.6	3.3
Middle East	–	–	–	–	–
Africa	129.8	139.0	140.6	170.5	211.0
Asia and Pacific	379.2	375.7	462.0	429.0	451.3
Japan	15.1	11.8	79.0	73.6	80.2
Unspecified	–	–	–	–	–
Total world	1,986.4	2,009.4	1,798.2	2,163.5	2,356.0

Qatar	2000	2001	2002	2003	2004*
North America	–	0.2	14.8	3.0	4.0
United States	–	0.2	8.9	3.0	3.9
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	2.7	–	1.5	2.9	3.0
France	2.0	–	0.5	1.0	–
Germany	–	–	–	–	–
Italy	–	–	–	1.0	–
Netherlands	–	–	–	–	–
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	563.1	561.5	542.2	534.8	535.8
Japan	390.3	427.2	444.8	371.7	347.8
Thailand	–	–	–	–	–
Unspecified	51.8	43.8	9.4	–	–
Total world	617.6	605.5	567.8	540.7	542.7

OPEC Members' crude oil exports by destination, 2000–2004 (1,000 b/d)

Saudi Arabia	2000	2001	2002	2003	2004
North America	1,581.3	1,534.4	1,339.2	1,635.4	1,529.8
United States	1,524.3	1,482.4	1,284.6	1,570.0	1,515.7
Latin America	61.6	100.7	60.5	65.3	61.1
Eastern Europe	–	–	–	–	–
Western Europe	1,325.5	1,112.0	940.0	1,191.4	1,259.1
France	315.2	238.5	225.2	226.4	251.8
Germany	92.3	81.1	72.6	77.9	84.7
Italy	169.7	182.0	167.4	214.6	236.3
Netherlands	244.8	212.7	152.0	212.7	260.9
Spain	133.8	127.0	135.6	140.5	137.9
United Kingdom	41.5	30.9	41.0	53.5	65.7
Middle East	165.6	157.4	135.5	199.1	261.5
Africa	217.7	177.0	187.3	263.9	243.1
Asia and Pacific	2,901.5	2,954.4	2,622.1	3,167.7	3,458.4
Japan	908.1	353.2	910.1	957.2	1,016.8
Unspecified	–	–	–	–	–
Total world	6,253.1	6,035.9	5,284.6	6,522.9	6,813.1

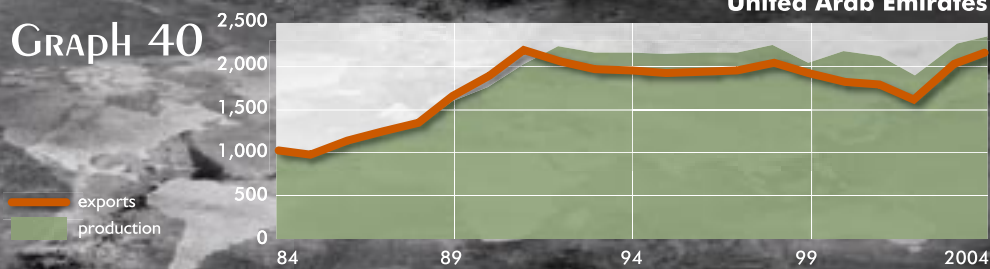


OPEC Members' crude oil exports by destination, 2000–2004 (1,000 b/d)

United Arab Emirates	2000	2001	2002	2003	2004
North America	1.3	19.6	10.0	7.0	5.0
United States	1.3	19.6	10.0	7.0	4.7
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	1.3	6.1	3.0	–	–
France	0.1	5.1	–	–	–
Germany	–	–	–	–	–
Italy	–	–	–	–	–
Netherlands	1.2	–	–	–	–
United Kingdom	–	–	–	–	–
Middle East	–	–	–	–	–
Africa	34.3	37.0	26.0	28.0	30.0
Asia and Pacific	1,778.0	1,724.0	1,575.0	2,013.0	2,137.0
Japan	1,065.8	1,066.8	1,182.8	1,224.0	1,047.7
Unspecified	–	–	–	–	–
Total world	1,814.9	1,786.7	1,614.0	2,048.0	2,172.0

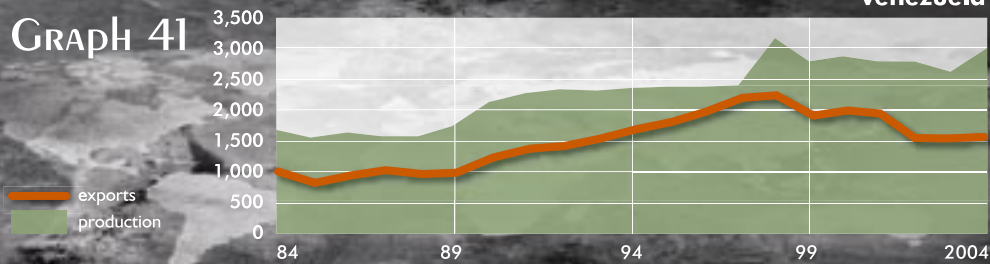
GRAPH 40

United Arab Emirates



GRAPH 41

Venezuela



OPEC Members' crude oil exports by destination, 2000–2004 (1,000 b/d)

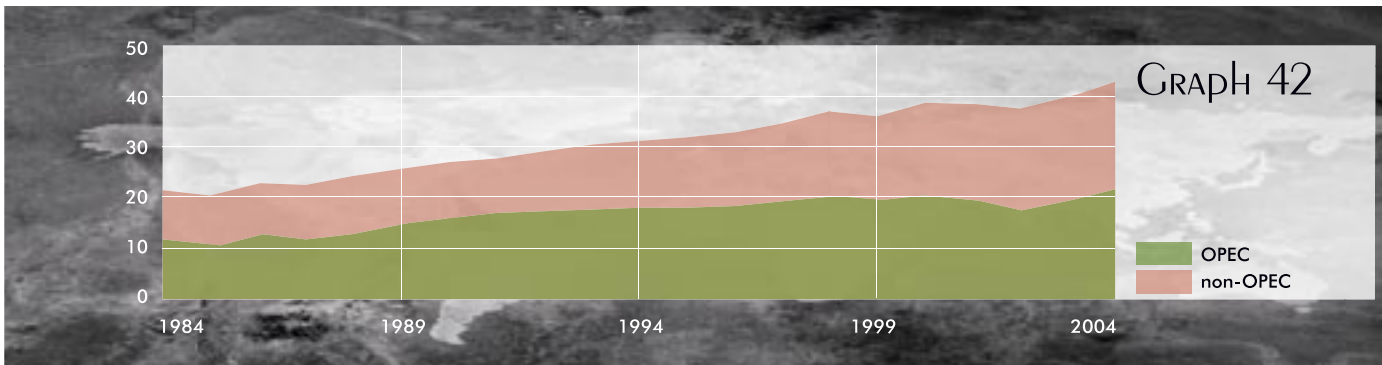
Venezuela	2000	2001	2002	2003	2004*
North America	1,214.8	1,236.7	935.6	804.6	1,106.0
Canada	96.9	85.7	63.3	28.0	51.3
United States	1,117.8	1,151.0	872.3	750.9	1,018.2
Latin America	671.2	611.2	464.5	416.0	391.6
Brazil	–	–	–	–	–
Chile	–	–	–	–	–
Jamaica	–	–	–	–	–
Netherlands Antilles	–	–	–	–	–
Panama	–	–	–	–	–
Puerto Rico	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	99.5	112.8	126.9	82.0	63.4
France	–	–	3.3	2.9	–
Germany	26.2	28.7	15.7	19.3	15.7
Italy	2.0	2.8	6.2	4.3	–
Netherlands	7.4	9.3	4.7	–	–
Spain	22.5	32.7	39.5	16.4	9.1
United Kingdom	16.0	22.9	22.2	22.6	26.8
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	–	4.0	–	–	5.2
Japan	–	–	–	–	–
Unspecified	18.1	–	44.9	232.4	–
Total world	2,003.5	1,964.7	1,572.0	1,535.0	1,566.2

World crude oil exports by country, 2000–2004 (1,000 b/d)

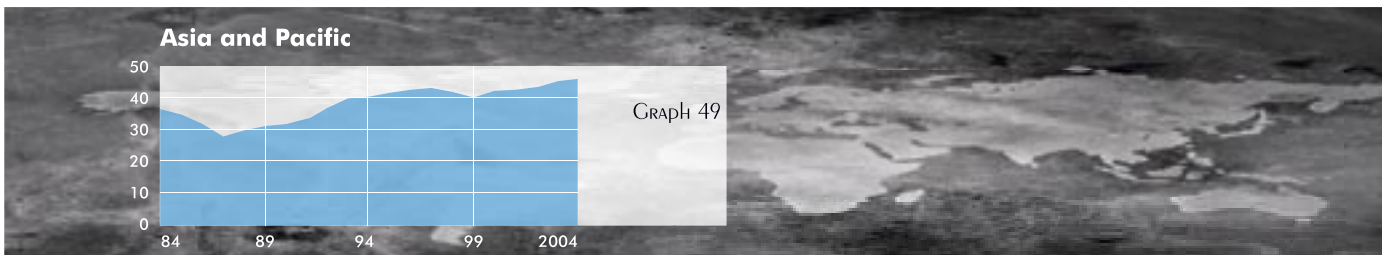
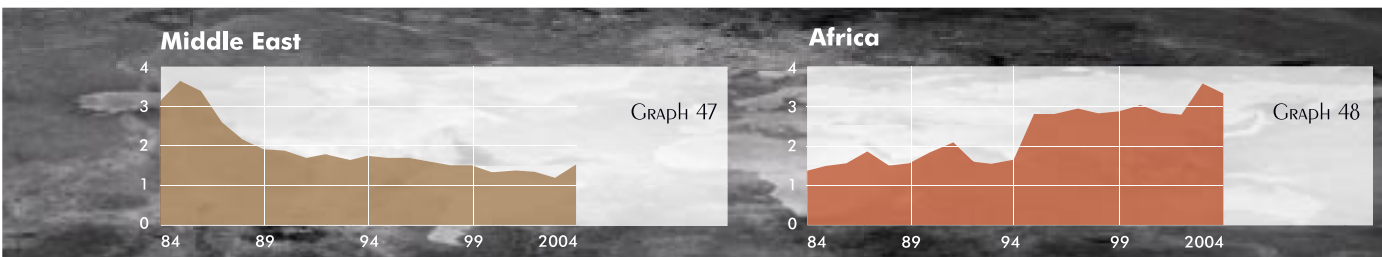
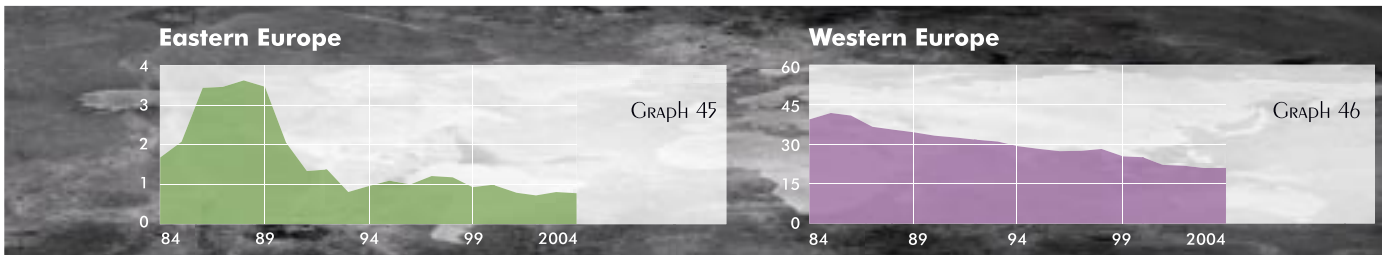
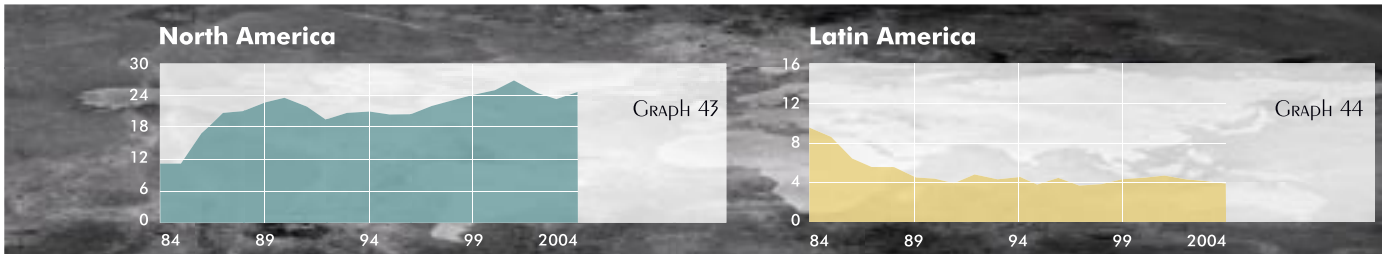
	2000	2001	2002	2003	2004*	% change 04/03
North America	1,226.7	1,150.4	1,447.4	1,575.7	1,606.8	2.0
Canada	1,175.2	1,130.2	1,426.8	1,553.6	1,583.1	1.9
United States	51.5	20.2	20.6	22.1	23.7	7.1
Latin America	5,039.5	5,060.9	4,610.8	4,776.7	4,826.4	1.0
Colombia	608.0	576.0	566.5	564.1	566.9	0.5
Ecuador	219.4	243.0	239.6	246.2	247.7	0.6
Mexico	1,848.5	1,882.5	1,902.7	2,102.9	2,113.5	0.5
Trinidad & Tobago	60.2	62.7	60.3	60.2	60.3	0.1
Venezuela	2,003.5	1,964.7	1,572.0	1,535.0	1,566.2	2.0
Others	300.0	331.9	269.8	268.3	271.9	1.3
Eastern Europe	4,144.9	4,593.9	5,583.7	6,482.2	7,150.2	10.3
Former USSR	4,142.9	4,592.2	5,581.7	6,479.5	7,147.6	10.3
Others	2.0	1.7	2.0	2.7	2.7	0.1
Western Europe	4,960.4	4,853.9	4,765.2	4,373.3	4,173.0	-4.6
Norway	2,887.0	2,962.6	2,833.0	2,694.2	2,653.0	-1.5
United Kingdom	1,726.0	1,610.6	1,624.2	1,345.4	1,190.8	-11.5
Others	347.5	280.7	308.0	333.7	329.9	-1.1
Middle East	16,016.5	15,129.2	13,769.0	14,707.8	16,652.0	13.2
IR Iran	2,492.2	2,184.6	2,093.6	2,396.3	2,684.1	12.0
Iraq	2,039.8	1,710.2	1,494.6	388.6	1,450.0	273.1
Kuwait	1,230.7	1,214.1	1,138.0	1,242.9	1,414.9	13.8
Oman	905.0	917.0	908.0	901.9	905.5	0.4
Qatar	617.6	605.5	567.8	540.7	542.7	0.4
Saudi Arabia	6,253.1	6,035.9	5,284.6	6,522.9	6,813.1	4.4
Syrian Arab Republic	338.0	346.0	337.0	335.9	337.6	0.5
United Arab Emirates	1,814.9	1,786.7	1,614.0	2,048.0	2,172.0	6.1
Others	325.3	329.3	331.3	330.6	332.2	0.5
Africa	5,173.3	5,182.5	5,154.5	5,832.3	6,362.1	9.1
Algeria	461.1	441.5	566.2	741.0	893.2	20.5
Angola	668.9	660.2	697.6	698.2	722.6	3.5
Cameroon	107.9	111.7	121.7	120.7	120.9	0.2
Congo	249.8	250.0	256.0	253.5	254.3	0.3
Egypt	51.6	53.6	56.6	56.4	56.5	0.2
Gabon	308.2	315.0	314.9	312.7	313.3	0.2
SP Libyan AJ	1,005.0	987.6	983.6	1,126.5	1,284.5	14.0
Nigeria	1,986.4	2,009.4	1,798.2	2,163.5	2,356.0	8.9
Others	334.4	353.4	359.6	359.7	360.7	0.3
Asia and Pacific	2,266.2	2,212.8	2,244.1	1,975.5	1,921.0	-2.8
Australia	383.6	354.4	351.1	282.1	255.3	-9.5
Brunei	171.9	176.2	177.2	177.1	177.3	0.1
China	209.3	164.7	144.6	163.1	159.0	-2.5
Indonesia	622.5	599.2	639.9	433.0	412.7	-4.7
Malaysia	380.2	397.6	401.6	397.9	401.5	0.9
Vietnam	286.9	303.2	305.2	302.3	302.6	0.1
Others	211.7	217.5	224.6	219.9	212.6	-3.3
Total world	38,827.6	38,183.6	37,574.6	39,723.5	42,692.2	7.5
OPEC	20,526.7	19,539.4	17,752.6	19,138.4	21,589.3	12.8
OPEC percentage	52.9	51.2	47.2	48.2	50.6	

Notes: Data includes re-exports. Revisions have been made throughout the time series.

Crude oil exports, 1984–2004 (m b/d)



Percentage of OPEC exports to regions (m b/d)



OPEC refined product exports by destination, 2000–2004 (1,000 b/d)

Algeria	2000	2001	2002	2003	2004*
North America	131.9	138.1	116.3	143.6	121.7
United States	130.8	136.6	112.4	142.3	121.7
Latin America	65.2	51.3	26.5	24.6	18.8
Eastern Europe	–	–	–	–	0.2
Western Europe	306.4	302.2	293.7	273.6	241.0
France	48.2	55.9	46.7	40.9	22.3
Italy	61.1	55.6	58.2	65.1	52.6
Netherlands	49.3	39.5	51.7	49.0	36.3
Spain	47.8	69.6	63.1	62.4	55.2
United Kingdom	6.4	1.1	5.1	7.0	7.3
Middle East	0.4	1.7	1.0	0.9	0.0
Africa	21.2	22.0	39.6	51.4	52.2
Asia and Pacific	19.2	40.4	50.2	28.4	12.1
Unspecified	–	–	–	5.8	0.0
Total world	544.3	555.8	527.2	528.3	446.0

Indonesia	2000	2001	2002	2003	2004
North America	6.7	7.8	2.8	6.8	4.5
United States	6.7	7.8	2.1	6.8	4.5
Latin America	–	–	–	–	–
Western Europe	3.7	7.9	12.6	12.7	13.4
Italy	0.8	–	9.7	12.2	8.1
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	178.4	180.7	137.0	135.9	125.6
Japan	67.4	71.4	28.8	73.3	73.8
South Korea	54.5	46.0	40.0	34.9	29.6
Singapore	30.1	32.3	29.6	26.8	–
Unspecified	–	–	–	–	–
Total world	188.8	196.3	152.4	155.3	143.5

OPEC refined product exports by destination, 2000–2004 (1,000 b/d)

Kuwait	2000	2001	2002	2003	2004
North America	8.3	9.5	12.7	12.8	30.9
United States	8.3	8.5	11.9	12.4	26.7
Latin America	–	–	–	–	–
Western Europe	59.7	55.2	25.4	39.8	88.6
Italy	–	5.1	–	–	–
Netherlands	21.9	5.2	3.2	1.1	5.4
United Kingdom	16.5	19.6	14.4	26.4	80.9
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	606.5	577.6	534.1	570.5	484.7
Australia	–	0.1	0.1	–	–
Japan	128.4	126.1	107.5	127.3	285.5
Unspecified	–	–	–	–	–
Total world	674.5	642.3	572.2	623.1	604.2

Saudi Arabia	2000	2001	2002	2003	2004
North America	21.1	15.8	13.5	29.1	61.0
Latin America	56.3	37.1	29.8	31.3	37.7
Western Europe	78.0	80.9	50.1	81.5	134.5
Middle East	119.9	123.1	100.3	125.8	141.8
Africa	108.7	101.4	82.1	93.9	101.1
Asia and Pacific	844.0	724.3	717.7	767.0	858.3
Unspecified	–	–	–	–	–
Total world	1,228.1	1,082.6	993.5	1,128.6	1,334.4

Venezuela	2000	2001	2002	2003	2004
North America	407.3	368.6	313.4	218.4	431.2
United States	315.5	284.4	282.7	194.1	384.3
Latin America	301.3	312.2	218.5	103.7	–
Western Europe	58.5	62.3	28.4	25.9	142.6
Italy	8.7	7.2	7.4	5.7	40.4
United Kingdom	3.4	1.3	7.4	1.4	2.3
Africa	–	–	–	–	–
Asia and Pacific	12.5	17.9	9.5	0.1	–
Japan	12.5	17.2	7.1	0.1	–
Unspecified	–	–	–	137.0	–
Total world	779.6	761.1	569.7	485.0	573.8

World exports of refined products by country, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004*	% change 04/03
North America	1,274.7	1,377.5	1,414.6	1,482.1	1,558.2	5.1
Canada	292.9	380.3	407.8	415.7	426.7	2.7
United States	981.8	997.2	1,006.8	1,066.3	1,131.3	6.1
Others	–	–	–	0.1	0.1	–
Latin America	2,094.3	2,201.1	2,002.4	2,068.6	2,156.1	4.2
Argentina	154.7	203.0	206.0	213.0	215.8	1.3
Ecuador	35.0	40.0	36.3	37.4	37.6	0.6
Mexico	74.8	82.8	101.7	153.4	129.9	–15.3
Netherlands Antilles	205.0	220.0	206.2	213.1	218.0	2.3
Trinidad & Tobago	142.6	145.0	140.3	142.3	146.0	2.6
Venezuela	779.6	761.1	569.7	485.0	573.8	18.3
Virgin Islands	385.9	397.2	388.4	390.5	395.2	1.2
Others	316.7	352.0	353.8	433.9	439.8	1.4
Eastern Europe	1,272.3	1,456.2	1,800.7	1,879.1	1,932.7	2.9
Romania	50.4	54.3	57.9	66.0	66.9	1.3
Former USSR	1,086.3	1,246.5	1,582.0	1,657.7	1,702.4	2.7
Others	135.6	155.3	160.8	155.4	163.4	5.1
Western Europe	4,171.0	4,171.0	4,222.0	4,566.0	4,812.3	5.4
Belgium	395.0	388.6	401.2	406.3	419.0	3.1
France	363.2	368.5	354.2	418.1	455.5	9.0
Germany	373.8	371.3	373.4	401.6	435.3	8.4
Italy	414.9	429.9	421.2	444.7	474.1	6.6
Netherlands	1,271.2	1,319.7	1,314.0	1,316.5	1,417.6	7.7
United Kingdom	422.2	394.0	455.1	471.9	504.9	7.0
Others	930.6	899.2	902.8	1,106.9	1,105.9	–0.1
Middle East	3,140.3	2,962.6	2,876.0	3,096.7	3,295.2	6.4
Bahrain	260.0	274.0	264.7	269.4	276.6	2.7
IR Iran	347.3	307.7	328.0	333.2	339.6	1.9
Iraq	23.0	25.0	22.5	10.5	11.5	9.6
Kuwait	674.5	642.3	572.2	623.1	604.2	–3.0
Qatar	75.3	78.1	67.3	61.5	64.9	5.5
Saudi Arabia	1,228.1	1,082.6	993.5	1,128.6	1,334.4	18.2
United Arab Emirates	391.7	398.2	485.5	513.6	503.6	–2.0
Others	140.4	154.7	142.2	156.8	160.4	2.3
Africa	1,172.7	1,213.6	1,193.8	1,113.9	1,053.0	–5.5
Algeria	544.3	555.8	527.2	528.3	446.0	–15.6
Egypt	87.3	96.3	92.4	90.8	94.4	3.9
Gabon	7.0	7.7	7.2	7.3	7.3	0.0
Nigeria	47.3	65.7	78.2	67.7	66.9	–1.1
SP Libyan AJ	237.0	225.0	221.1	145.4	161.5	11.0
Others	249.8	263.1	267.7	274.5	277.0	0.9
Asia and Pacific	2,788.5	2,803.6	2,569.8	2,739.1	2,826.1	3.2
Australia	100.7	99.6	86.3	79.3	70.4	–11.3
China	292.0	246.9	267.9	336.4	339.8	1.0
Indonesia	188.8	196.3	152.4	155.3	143.5	–7.6
Japan	87.8	93.9	82.2	69.2	81.3	17.4
Malaysia	143.7	153.0	147.6	214.6	221.2	3.1
Singapore	892.6	942.0	925.1	880.2	914.5	3.9
Others	1,082.9	1,071.8	908.4	1,004.1	1,055.5	5.1
Total world	15,913.6	16,185.4	16,079.3	16,945.4	17,633.5	4.1
OPEC	4,536.8	4,337.8	4,017.6	4,052.2	4,249.8	4.9
OPEC percentage	28.5	26.8	25.0	23.9	24.1	

Notes: Data includes re-exports and exports of petroleum products from gas plants. Revisions have been made throughout the time series.

World natural gas exports by country, 2000–2004 (million standard cu m)

	2000	2001	2002	2003	2004*	% change 04/03
North America	108,445	117,781	122,220	118,444	123,533	4.3
Canada	101,445	107,372	107,600	98,850	102,133	3.3
United States	7,000	10,409	14,620	19,594	21,400	9.2
Latin America	10,540	13,870	16,000	23,260	29,700	27.7
Argentina	4,240	5,960	5,840	6,460	7,800	20.7
Bolivia	2,030	3,680	4,780	4,890	7,900	61.6
Mexico	330	280	60	–	–	–
Trinidad & Tobago	3,940	3,950	5,320	11,910	14,000	17.5
Eastern Europe	131,670	130,590	130,410	139,276	153,600	10.3
Former USSR	131,670	130,590	130,410	139,276	153,600	10.3
Western Europe	109,490	114,380	131,340	145,640	154,170	5.9
Austria	–	–	200	800	700	–12.5
Belgium	–	–	1,100	1,600	2,800	75.0
Denmark	3,040	3,590	3,670	3,300	3,800	15.2
France	800	800	770	770	770	–
Germany	5,110	4,140	8,280	11,000	12,200	10.9
Netherlands	36,620	42,400	41,390	42,170	49,200	16.7
Norway	48,910	50,500	62,930	70,800	74,900	5.8
United Kingdom	15,010	12,950	13,000	15,200	9,800	–35.5
Middle East	23,700	31,788	34,633	40,455	45,280	11.9
IR Iran	–	358	670	3,413	3,600	5.5
Oman	2,710	7,430	8,460	9,610	10,200	6.1
Qatar	14,040	16,540	18,390	20,245	24,100	19.0
United Arab Emirates	6,950	7,460	7,113	7,187	7,380	2.7
Africa	68,223	66,455	67,127	72,790	74,437	2.3
Algeria	61,693	56,975	57,864	59,850	59,637	–0.4
Egypt	–	–	–	400	1,100	175.0
SP Libyan AJ	800	790	630	750	1,100	46.7
Nigeria	5,730	8,690	8,633	11,790	12,600	6.9
Asia and Pacific	78,480	78,600	83,755	91,430	98,100	7.3
Australia	10,050	10,200	10,030	10,520	12,200	16.0
Brunei	8,790	9,000	9,180	9,670	9,500	–1.8
Indonesia	36,220	32,910	37,685	39,400	39,600	0.5
Japan	–	–	150	–	–	–
South Korea	–	–	50	–	–	–
Malaysia	22,090	21,170	20,460	24,970	29,300	17.3
Myanmar	1,330	4,910	6,200	6,870	7,500	9.2
Taiwan	–	410	–	–	–	–
Total world	530,548	553,464	585,485	631,295	678,820	7.5
OPEC	125,433	123,723	130,985	142,635	148,017	3.8
OPEC percentage	23.6	22.4	22.4	22.6	21.8	

Note: Totals may not add up due to independent rounding.

World imports of crude oil by country, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
North America	10,636.8	10,842.6	10,590.0	11,237.7	11,685.9	4.0
Canada	914.7	913.3	874.5	888.9	915.4	3.0
United States	9,722.2	9,929.3	9,715.5	10,348.8	10,770.5	4.1
Latin America	1,863.0	1,831.1	1,848.0	1,881.5	1,877.7	-0.2
Brazil	452.3	416.9	448.6	419.7	412.6	-1.7
Chile	196.3	198.8	195.8	195.2	194.8	-0.2
Cuba	14.6	15.0	14.2	14.5	14.7	1.6
Netherlands Antilles	227.9	222.0	221.1	222.0	218.0	-1.8
Puerto Rico	126.3	123.0	123.8	123.9	125.4	1.2
Virgin Islands	443.1	447.0	443.0	443.6	447.1	0.8
Others	402.4	408.5	401.4	462.6	465.0	0.5
Eastern Europe	970.5	972.1	954.7	992.0	1,007.4	1.6
Bulgaria	124.5	122.7	119.8	115.8	116.8	0.9
Former Czechoslovakia	114.4	119.9	123.5	128.8	129.6	0.6
Romania	93.2	97.6	93.0	140.0	142.7	1.9
Former USSR	50.0	50.0	50.0	40.0	39.8	-0.5
Others	588.3	581.9	568.4	567.4	578.5	2.0
Western Europe	11,484.4	11,514.2	11,298.5	11,639.6	12,040.5	3.4
Belgium	681.2	642.5	671.7	727.9	690.9	-5.1
France	1,705.1	1,703.9	1,606.9	1,708.0	1,710.8	0.2
Germany	2,082.2	2,112.1	2,106.5	2,138.8	2,212.2	3.4
Greece	389.0	379.7	383.9	397.3	407.6	2.6
Italy	1,679.9	1,659.4	1,610.0	1,686.3	1,743.7	3.4
Netherlands	1,097.9	1,089.5	940.6	974.5	1,045.8	7.3
Spain	1,154.2	1,140.5	1,133.6	1,150.7	1,188.2	3.3
Sweden	420.3	400.6	364.6	406.1	414.2	2.0
Turkey	434.8	466.8	475.2	483.9	480.3	-0.7
United Kingdom	848.9	919.8	1,013.6	967.6	1,132.0	17.0
Others	990.7	999.6	991.9	998.6	1,014.8	1.6
Middle East	498.2	487.3	491.5	501.2	504.6	0.7
Bahrain	227.0	223.5	225.3	225.0	226.1	0.5
Syrian Arab Republic	-	-	-	-	-	-
Yemen	-	-	-	-	-	-
Others	271.2	263.8	266.2	276.2	278.5	0.8
Africa	784.4	777.0	778.0	731.5	761.1	4.0
Côte d'Ivoire	73.0	70.0	71.7	72.4	73.1	0.9
Kenya	37.0	35.0	35.9	36.3	37.1	2.3
Morocco	150.3	153.4	150.5	145.2	148.2	2.1
Others	524.1	518.6	519.8	477.6	502.6	5.2
Asia and Pacific	12,669.7	12,424.6	12,145.1	13,510.9	14,912.9	10.4
Australia	373.9	399.7	389.8	377.9	398.4	5.4
India	964.3	974.0	954.7	1,574.1	1,942.5	23.4
Indonesia	219.1	326.0	327.7	306.7	330.1	7.6
Japan	4,222.0	4,179.1	3,953.6	4,162.7	4,250.1	2.1
New Zealand	90.0	83.6	90.7	95.6	88.2	-7.7
Philippines	325.0	320.0	322.4	306.3	316.7	3.4
Singapore	942.6	927.1	921.5	823.0	939.0	14.1
South Korea	2,446.8	2,356.9	2,143.0	2,166.1	2,283.1	5.4
Taiwan	757.8	733.2	729.7	768.7	786.3	2.3
Thailand	654.8	648.3	658.7	686.1	694.3	1.2
Others	1,673.4	1,476.6	1,653.2	2,243.7	2,884.1	28.5
Total world	38,907.0	38,848.9	38,105.9	40,494.4	42,790.0	5.7

Note: Revisions have been made throughout the time series.

World imports of refined products by country, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004	% change 04/03
North America	1,761.9	1,765.0	1,643.6	2,042.6	2,169.5	6.2
Canada	163.9	210.4	188.5	230.4	251.6	9.2
United States	1,593.7	1,550.3	1,450.7	1,807.7	1,913.4	5.8
Others	4.3	4.3	4.4	4.5	4.6	2.5
Latin America	1,548.1	1,418.3	1,352.1	1,354.6	1,390.1	2.6
Brazil	288.4	297.2	292.8	306.8	315.0	2.7
Cuba	131.0	130.0	130.5	132.2	135.6	2.6
Mexico	437.1	309.0	242.0	199.0	204.0	2.5
Netherlands Antilles	33.2	33.8	33.5	33.6	34.5	2.7
Panama	17.0	18.1	17.6	17.7	18.2	2.7
Puerto Rico	99.0	100.0	99.5	99.9	102.6	2.7
Others	542.4	530.1	536.3	565.4	580.3	2.6
Eastern Europe	199.6	221.0	226.7	230.3	236.9	2.8
Bulgaria	12.0	9.7	10.9	11.0	11.3	2.5
Former USSR	10.0	10.0	10.0	9.8	10.0	2.5
Hungary	21.1	24.3	39.4	40.4	40.1	-0.7
Poland	62.7	63.0	66.6	67.6	69.3	2.5
Others	93.8	114.0	99.8	101.5	106.1	4.5
Western Europe	5,166.7	5,247.6	4,960.6	5,384.1	5,625.4	4.5
Belgium	302.0	322.1	299.6	314.1	349.0	11.1
France	556.8	543.3	568.9	589.2	693.7	17.7
Germany	915.8	945.9	729.8	766.8	724.0	-5.6
Italy	359.4	324.2	315.1	340.4	336.3	-1.2
Netherlands	957.4	1,000.1	1,028.3	1,086.8	1,196.4	10.1
United Kingdom	293.8	340.7	270.1	296.0	259.2	-12.4
Others	1,781.5	1,771.2	1,748.7	1,990.8	2,066.8	3.8
Middle East	347.7	362.8	345.2	402.8	415.9	3.3
Syrian Arab Republic	20.2	21.0	20.6	20.8	21.3	2.5
Others	327.5	341.8	324.6	382.0	394.6	3.3
Africa	533.1	527.8	532.7	575.0	605.5	5.3
Egypt	50.7	53.2	52.0	52.1	53.4	2.6
Morocco	28.5	29.6	29.1	29.2	30.0	2.5
Nigeria	106.3	93.3	102.0	123.9	17.9	-85.6
Senegal	9.6	9.9	9.8	9.8	10.1	2.6
Tunisia	51.4	50.0	50.7	50.8	52.1	2.6
Others	286.6	291.8	289.2	309.3	442.0	42.9
Asia and Pacific	5,205.1	5,196.1	5,303.7	5,839.0	6,122.5	4.9
Australia	86.2	85.1	99.4	106.0	108.7	2.5
China	522.4	601.7	660.1	826.6	857.0	3.7
Hong Kong	393.1	387.6	390.4	419.0	434.1	3.6
India	449.0	462.0	455.5	508.8	526.8	3.5
Japan	1,015.3	945.8	970.6	1,228.8	1,273.3	3.6
New Zealand	25.6	23.5	29.6	30.1	30.9	2.6
Singapore	632.7	626.3	629.5	633.8	656.6	3.6
Others	2,080.7	2,064.2	2,068.6	2,086.1	2,235.1	7.1
Total world	14,762.2	14,738.5	14,364.7	15,828.5	16,565.7	4.7

Notes: Data includes petroleum products from gas plants. Revisions have been made throughout the time series.

World imports of natural gas by country, 2000–2004 (million standard cu m)

	2000	2001	2002	2003	2004*	% change 04/03
North America	109,208	118,324	119,070	121,180	128,990	6.4
Canada	2,060	4,730	5,350	7,820	8,700	11.3
United States	107,148	113,594	113,720	113,360	120,290	6.1
Latin America	9,560	14,220	18,700	21,480	27,520	28.1
Argentina	–	–	–	–	800	–
Brazil	2,120	4,420	5,260	5,320	7,600	42.9
Chile	4,070	5,140	5,340	6,060	7,200	18.8
Dominican Republic	–	–	–	300	180	–40.0
Mexico	2,980	3,990	7,450	9,000	11,000	22.2
Puerto Rico	350	630	630	740	680	–8.1
Uruguay	40	40	20	60	60	–
Eastern Europe	40,850	40,800	42,250	44,730	50,000	11.8
Bulgaria	3,200	2,900	2,800	2,800	2,900	3.6
Former Czechoslovakia	17,300	17,600	17,630	17,220	17,100	–0.7
Hungary	9,200	9,300	10,290	10,300	11,000	6.8
Latvia	–	–	–	–	1,400	–
Lithuania	–	–	–	–	2,600	–
Poland	7,750	8,000	7,830	8,710	9,100	4.5
Romania	3,400	3,000	3,700	5,700	5,900	3.5
Western Europe	265,470	265,324	285,125	309,614	329,010	6.3
Austria	6,120	6,550	6,730	7,800	7,800	–
Belgium	16,300	16,039	16,200	17,800	19,300	8.4
Denmark	–	–	100	200	200	–
Finland	4,300	4,500	4,400	4,840	4,610	–4.8
France	42,620	41,590	43,110	41,900	44,700	6.7
Germany	76,200	78,200	83,790	85,980	91,800	6.8
Greece	2,140	1,980	2,020	2,450	2,750	12.2
Ireland	2,600	3,500	3,430	3,700	3,700	–
Italy	58,500	54,750	57,725	62,100	67,200	8.2
Luxembourg	700	800	900	1,200	1,300	8.3
Netherlands	12,600	8,530	12,270	16,700	13,300	–20.4
Portugal	2,350	2,460	2,680	3,350	3,560	6.3
Spain	16,930	18,985	20,900	23,994	27,300	13.8
Sweden	840	950	1,280	1,250	1,050	–16.0
Switzerland	3,050	3,030	2,770	2,920	2,870	–1.7
Turkey	14,300	16,380	17,720	21,520	22,200	3.2
United Kingdom	2,200	3,000	5,100	7,510	11,400	51.8
Former Yugoslavia	3,720	4,080	4,000	4,400	3,970	–9.8
Middle East	2,650	4,500	4,900	6,331	7,500	18.5
IR Iran	2,650	4,500	4,900	5,731	5,200	–9.3
Jordan	–	–	–	400	1,100	175.0
Kuwait	–	–	–	–	–	–
United Arab Emirates	–	–	–	200	1,200	–
Africa	1,730	1,580	2,290	2,090	1,900	–9.1
Morocco	–	–	600	600	600	–
Tunisia	1,730	1,580	1,690	1,490	1,300	–12.8
Asia and Pacific	101,080	108,716	113,150	125,870	133,900	6.4
India	–	–	–	–	2,600	–
Japan	72,590	74,306	72,770	79,770	77,000	–3.5
South Korea	19,680	21,830	23,989	26,230	29,900	14.0
Malaysia	–	–	331	–	–	–
Singapore	1,500	1,270	2,660	5,320	7,800	46.6
Taiwan	5,980	6,400	7,200	7,480	9,100	21.7
Thailand	1,330	4,910	6,200	7,070	7,500	6.1
Total world	530,548	553,464	585,485	631,295	678,820	7.5
OPEC	2,650	4,500	4,900	6,131	6,300	2.8
OPEC percentage	0.5	0.8	0.8	1.0	0.9	

Tanker fleet development in OPEC Members, 2000–2004 (1,000 dwt)

	2000		2001		2002		2003		2004	
	number	dwt	number	dwt	number	dwt	number	dwt	number	dwt
Algeria	1	22.6	1	22.6	1	22.6	1	22.6	1	22.6
Indonesia	32	988.9	32	988.9	32	988.9	32	988.9	29	993.7
IR Iran	21	3,699.6	24	3,070.6	23	4,169.6	27	5,644.5	32	6,050.0
Iraq	9	534.3	9	534.3	9	534.3	9	534.3	1	37.0
Kuwait	16	2,862.9	26	3,329.6	17	2,898.0	29	3,625.3	22	3,176.3
SP Libyan AJ	6	775.3	6	775.3	6	775.3	6	775.3	6	275.4
Nigeria	2	413.0	2	413.0	2	408.8	2	408.8	2	408.8
Qatar	4	368.6	4	368.6	4	368.6	4	368.6	6	438.2
Saudi Arabia	12	578.6	12	578.6	12	578.6	12	578.6	19	1,721.2
United Arab Emirates	10	291.6	10	291.6	9	291.6	7	275.4	7	275.4
Venezuela	6	320.3	6	320.3	6	320.3	13	557.5	21	1,348.3
OPEC	119	10,855.7	132	10,693.4	121	11,356.6	142	13,779.8	146	14,746.9
Total world	3,329	292,059.2	3,336	291,110.0	3,368	293,571.0	3,524	306,578.0	3,670	318,116.7
OPEC percentage		3.7		3.7		3.9		4.5		4.6

Notes: Figures as at year-end. Totals may not add up due to independent rounding. Total world includes commercial units and government-owned vessels.

World tanker fleet by age, 2004 (1,000 dwt)

	1989 and earlier		1990-94		1995-1999		2000-2004		Total	
	number	dwt	number	dwt	number	dwt	number	dwt	number	dwt
10,000-19,999	276	4,204.9	55	788.0	143	2,027.8	146	2,297.3	620	9,317.9
20,000-29,999	197	5,320.0	40	1,138.0	18	479.1	36	869.5	291	7,806.6
30,000-39,999	233	8,310.6	34	1,218.8	75	2,628.1	181	6,449.4	523	18,607.0
40,000-49,999	133	5,864.8	69	3,001.8	134	6,069.8	216	9,818.9	552	24,755.4
50,000-59,999	50	2,716.6	3	170.1	1	55.2	5	264.5	59	3,206.4
60,000-69,999	96	6,192.0	30	2,015.4	9	612.5	30	2,037.0	165	10,856.9
70,000-74,999	1	71.1	2	141.8	5	362.8	56	4,023.9	64	4,599.6
75,000-89,999	102	8,716.1	13	1,102.1	9	767.5	11	896.3	135	11,482.0
90,000-99,999	50	4,736.7	90	8,678.0	34	3,323.3	22	2,135.4	196	18,873.4
100,000-109,999	15	1,581.9	21	2,173.8	80	8,469.3	121	12,772.6	237	24,997.5
110,000-119,999	8	904.5	5	558.8	8	896.1	53	5,987.2	74	8,346.6
120,000-129,999	16	2,016.5	3	370.9	11	1,383.4	2	251.2	32	4,022.0
130,000-139,999	8	1,082.5	13	1,771.6	6	799.0	3	411.6	30	4,064.7
140,000-149,999	11	1,605.9	38	5,518.4	26	3,853.6	24	3,538.0	99	14,515.9
150,000-159,999	7	1,069.7	23	3,564.2	21	3,262.7	66	10,347.7	117	18,244.4
160,000-199,999	7	1,261.4	-	-	-	-	18	2,956.8	25	4,218.1
200,000-229,999	3	654.5	-	-	-	-	-	-	3	654.5
230,000-259,999	33	8,257.3	39	9,928.4	15	3,889.2	6	1,551.8	93	23,626.6
260,000-299,999	17	4,686.9	59	16,757.8	45	13,049.1	65	18,911.8	186	53,405.7
300,000-349,999	5	1,565.7	18	5,465.4	42	12,811.2	97	29,781.7	162	49,624.0
350,000 and over	3	1,122.4	-	-	-	-	4	1,769.4	7	2,891.7
Total world	1,271	71,941.8	555	64,363.3	682	64,739.7	1,162	117,072.0	3,670	318,116.7

Notes: Figures as at year-end. Totals may not add up due to independent rounding. World tanker fleet includes commercial vessels of 10,000 dwt and over owned by independent oil companies, as well as government institutions.

World liquid gas carrier fleet by size and type, 2004 (1,000 cu m)

	LPG		LNG		Total	
	number	capacity	number	capacity	number	capacity
up to 999	67	45.3	–	–	67	45.3
1,000–1,999	266	383.7	2	2.2	268	385.9
2,000–4,999	260	857.1	1	3.0	261	860.1
5,000–9,999	149	1,010.8	–	–	149	1,010.8
10,000–19,999	59	797.9	4	76.1	63	874.0
20,000–39,999	61	1,726.2	6	178.6	67	1,904.8
40,000–59,999	25	1,407.0	6	252.9	31	1,659.9
60,000–99,999	104	8,116.2	16	1,232.7	120	9,348.9
100,000 and over	1	100.9	142	18,912.5	143	19,013.4
Total world	992	14,445.3	177	20,658.1	1,169	35,103.2

Notes: Figures as at year-end. Totals may not add up due to independent rounding.

Liquid gas carrier fleet in OPEC Members, 2004 (1,000 cu m)

	LPG		LNG		Total	
	number	capacity	number	capacity	number	capacity
Algeria	4	23.9	6	677.9	10	701.8
Indonesia	6	22.9	–	–	6	22.9
IR Iran	1	12.1	–	–	1	12.1
Iraq	–	–	–	–	–	–
Kuwait	6	289.6	–	–	6	289.6
SP Libyan AJ	3	9.8	–	–	3	9.8
Nigeria	–	–	11	1,413.0	11	1,413.0
Qatar	–	–	10	1,350.0	10	1,350.0
Saudi Arabia	–	–	–	–	–	–
United Arab Emirates	1	3.2	8	1,096.0	9	1,099.2
Venezuela	3	28.7	–	–	3	28.7
OPEC	24	390.2	35	4,536.9	59	4,927.1
Total world	992	14,445.3	177	20,658.1	1,169	35,103.4
OPEC percentage		2.7		22.0		14.0

Note: LNG vessels for the UAE are registered under the Liberian flag. Nigerian vessels are registered under Bahama and Bermuda flags. Figures as at year-end. Totals may not add up due to independent rounding.

World combined carrier fleet by size, 2000–2004 (1,000 dwt)

	2000		2001		2002		2003		2004	
	number	dwt	number	dwt	number	dwt	number	dwt	number	dwt
10,000–19,999	1	15.163	1	15.163	1	15.2	1	15.2	1	15.2
20,000–29,999	1	26.4	1	26.4	1	26.4	1	26.4	1	26.4
30,000–39,999	–	–	–	–	–	–	–	–	–	–
40,000–49,999	10	463.8	10	463.8	10	463.8	10	463.8	9	418.8
50,000–59,999	14	762.4	14	762.4	12	653.3	10	544.2	9	489.7
60,000–69,999	7	456.5	7	456.5	5	326.4	5	326.4	5	326.4
70,000–79,999	33	2,497.1	33	2,550.8	18	1,365.1	30	2,268.1	18	1,356.8
80,000–99,999	27	2,434.5	23	2,041.1	36	3,039.9	23	2,067.3	21	1,388.3
100,000–124,999	24	2,706.7	22	2,479.2	17	1,883.0	14	1,526.7	15	1,905.2
125,000–159,999	18	2,460.6	16	2,204.8	14	1,941.9	16	2,166.5	24	2,739.4
160,000–199,999	7	1,185.4	9	1,517.9	9	1,517.9	9	1,517.9	9	1,517.9
200,000–249,999	1	247.9	–	–	–	–	–	–	–	–
250,000–319,999	5	1,523.9	5	1,523.9	5	1,523.9	5	1,523.9	5	1,523.9
Total world	148	14,780.7	141	14,042.1	128	12,756.9	124	12,446.5	117.0	11,708.1

Notes: Vessels of 10,000 dwt and over. Figures as at year-end. Totals may not add up due to independent rounding.

World laid-up tanker and combined carrier tonnage by size, 2000–2004 (1,000 dwt)

	2000		2001		2002		2003		2004	
	number	dwt	number	dwt	number	dwt	number	dwt	number	dwt
Up to 44,999	5	133.8	5	111.7	6.0	100.0	4	100.0	4	80.0
45,000–79,999	1	57.4	–	–	2.0	100.0	–	–	–	–
80,000–159,999	4	534.0	1	125.0	–	–	–	–	–	–
160,000–199,999	2	350.0	2	330.1	4.0	600.0	–	–	–	–
200,000–319,999	–	–	3	1,062.2	–	–	1	300.0	–	–
320,000 and over	1	402.9	1	402.9	5.0	2,100.0	–	–	–	–
Total world	13	1,478.2	12	2,031.9	17	2,900.0	5	400.0	4	80.0

Note: Figures as at year-end.

Average spot freight rates for all routes, 1995–2004 (percentage of *Worldscale*)

	GP 16.5–24.9	MR 25.0–44.9	LR1 45.0–79.9	LR2 80.0–159.9	VLCC 160.0–319.9
1995	191.5	171.1	119.0	93.7	55.5
1996	215.3	191.5	128.2	102.8	60.6
1997	212.0	184.9	153.6	103.7	67.9
1998	182.3	154.2	120.4	92.6	63.1
1999	208.2	141.7	114.2	83.8	49.3
2000	306.6	234.8	217.7	164.0	106.9
2001	241.6	209.2	175.9	133.9	74.4
2002	236.5	150.0	129.2	95.6	48.1
2003	338.2	240.3	193.3	147.7	90.0
2004	292.9	266.4	243.9	199.5	137.6
2002 Jan	190.0	139.7	120.1	90.2	45.1
Feb	190.0	139.9	111.5	86.5	47.9
Mar	229.0	118.5	107.1	92.0	41.0
Apr	291.5	161.1	126.1	90.2	34.5
May	240.3	103.8	133.0	89.7	38.1
Jun	306.5	159.3	142.7	87.8	51.3
Jul	301.1	163.6	133.1	85.6	39.5
Aug	217.2	151.0	118.6	82.0	46.9
Sep	196.0	143.5	108.9	78.9	33.7
Oct	178.9	141.7	120.7	91.7	41.9
Nov	190.0	173.1	166.1	121.8	69.8
Dec	307.0	204.9	162.5	151.1	87.6
2003 Jan	348.3	245.3	162.0	168.3	115.8
Feb	413.2	279.7	233.4	184.8	122.3
Mar	492.5	333.7	323.7	215.6	104.6
Apr	396.3	293.4	216.4	152.9	123.9
May	325.4	236.2	193.3	140.1	76.3
Jun	331.4	223.8	199.9	151.4	82.7
Jul	269.9	212.7	139.1	117.9	66.1
Aug	225.2	160.8	139.7	97.7	48.8
Sep	239.3	180.7	144.7	91.5	58.1
Oct	281.7	189.0	163.0	121.7	85.7
Nov	321.0	242.8	179.1	152.1	63.4
Dec	413.9	285.9	225.5	178.5	132.0
2004 Jan	344.0	338.8	333.7	238.5	132.3
Feb	358.7	315.1	276.8	228.4	142.8
Mar	354.1	273.6	211.4	166.0	119.8
Apr	181.8	180.9	180.0	167.4	99.5
May	207.9	184.7	164.1	132.8	87.5
Jun	201.1	196.5	192.0	156.6	108.5
Jul	258.0	226.8	199.4	162.5	119.1
Aug	222.2	211.3	200.9	163.6	132.0
Sep	288.8	227.3	178.9	146.4	98.7
Oct	361.4	327.6	297.0	219.8	122.1
Nov	350.4	346.6	342.8	315.6	205.6
Dec	386.5	367.4	349.2	296.8	283.1

Notes: GP = general purpose, MR = medium range, LR1 = large range 1, LR2 = large range 2, VLCC = very large crude carrier. Tanker sizes are in 1,000 dwt. Average spot freight rates are the average of all spot freight rates by tanker size reported each month in the spot market.

Freight costs in the spot market, 1995–2004 (\$/b)

		Crude oil					Petroleum products			
		Carib/USAC	Med/NWE	WAF/USGC	Gulf/Japan	Gulf/NWE	Gulf/Japan	Med/Med	Carib/USAC	S'pore/Japan
1995		0.93	0.93	0.99	0.79	1.16	2.59	0.69	1.25	1.48
1996		1.10	1.05	1.22	0.88	1.36	2.61	0.76	1.40	1.51
1997		1.24	1.14	1.30	1.07	1.50	2.60	0.80	1.39	1.51
1998		0.92	0.86	1.10	0.94	1.46	2.35	0.63	1.10	1.43
1999		0.75	0.88	0.95	0.71	1.11	1.98	0.59	0.92	1.16
2000		1.49	1.44	2.01	1.50	2.27	3.03	0.84	1.35	1.84
2001		1.29	1.35	1.62	1.28	1.91	3.55	0.99	1.43	2.12
2002		0.93	1.53	1.12	0.80	1.18	2.54	0.69	0.98	1.42
2003		1.38	1.51	1.90	1.54	2.16	3.28	0.96	1.23	1.85
2004		1.75	1.69	2.83	2.06	3.39	3.38	1.12	1.57	2.06
2002	Jan	0.83	1.17	0.99	0.67	1.00	1.76	0.63	1.10	1.17
	Feb	0.99	1.23	0.97	0.85	1.25	2.43	0.66	0.93	1.42
	Mar	0.86	1.14	1.09	0.69	1.00	2.42	0.62	0.92	1.36
	Apr	1.02	1.70	1.03	0.57	0.87	2.15	0.71	0.94	1.29
	May	1.03	1.77	1.03	0.54	0.92	2.23	0.83	0.97	1.18
	Jun	0.85	1.56	0.99	0.90	1.27	2.69	0.80	0.95	1.36
	Jul	0.81	1.46	1.11	0.67	0.95	2.76	0.65	0.93	1.33
	Aug	0.86	1.32	1.03	0.77	0.98	2.82	0.63	1.00	1.55
	Sep	0.71	1.24	1.02	0.55	0.87	2.85	0.60	0.95	1.55
	Oct	0.81	1.46	1.08	0.69	1.11	2.52	0.61	0.86	1.48
	Nov	1.12	2.07	1.51	1.19	1.79	2.78	0.64	1.10	1.53
	Dec	1.28	2.30	1.63	1.57	2.17	3.08	0.93	1.12	1.81
2003	Jan	1.18	1.62	2.23	1.81	2.31	3.79	1.02	1.09	2.00
	Feb	1.73	1.88	2.55	2.01	3.53	4.25	1.08	1.21	1.94
	Mar	2.42	2.75	2.63	1.99	2.41	3.66	1.41	1.42	1.89
	Apr	1.56	1.33	2.05	2.21	3.09	4.41	1.16	1.56	2.18
	May	1.44	1.43	1.66	1.29	1.71	4.28	0.85	1.26	1.93
	Jun	1.43	1.37	2.02	1.39	1.82	3.15	0.76	0.92	1.63
	Jul	1.01	1.15	1.61	1.12	1.60	2.72	0.81	0.92	1.98
	Aug	0.89	0.86	1.27	0.79	1.25	3.31	0.98	1.03	2.02
	Sep	0.97	0.83	1.20	0.99	1.49	3.01	0.79	1.14	1.89
	Oct	1.22	1.15	1.55	1.52	2.01	2.28	0.74	1.10	1.39
	Nov	1.05	1.56	1.81	1.10	1.57	2.13	0.85	1.33	1.60
	Dec	1.66	2.17	2.24	2.27	3.17	2.38	1.04	1.83	1.79
2004	Jan	2.29	2.11	3.26	1.53	3.20	2.56	1.31	1.58	1.53
	Feb	2.23	1.54	3.79	1.96	3.63	3.82	1.29	1.61	1.96
	Mar	1.44	1.14	2.34	1.97	2.71	3.68	1.25	2.07	1.97
	Apr	1.18	1.50	2.39	2.05	2.55	2.86	0.88	1.37	2.05
	May	1.15	1.08	1.72	1.92	2.22	2.36	0.87	1.30	1.92
	Jun	1.44	1.51	1.95	1.89	3.15	3.01	1.02	1.47	1.89
	Jul	1.52	1.33	2.26	2.10	2.98	3.20	0.93	1.41	2.10
	Aug	1.44	1.25	2.36	1.95	3.31	3.18	0.78	1.37	1.95
	Sep	1.45	1.01	2.21	1.98	2.82	2.98	0.84	1.36	1.98
	Oct	1.93	2.67	2.52	2.19	2.90	3.08	1.10	1.35	2.19
	Nov	2.47	2.75	4.26	2.70	4.56	4.24	1.47	1.96	2.70
	Dec	2.49	2.36	4.89	2.49	6.67	5.61	1.71	1.96	2.49

Notes: Carib = Caribbean, USAC = US Atlantic Coast, Med = Mediterranean, NWE = north-west Europe, WAF = West Africa, USGC = US Gulf Coast, S'pore = Singapore. Freight costs are based on the weighted averages of spot freight rates in the typical size range.

Spot tanker freight rates for all sizes, 1995–2004

	Gulf/West		Gulf/East		Caribbean/USAC		all routes		
	% of Worldscale	equivalent \$/t	% of Worldscale	equivalent \$/t	% of Worldscale	equivalent \$/t	% of Worldscale	equivalent \$/t	
1995	47	7.97	62	6.46	139	5.91	83	5.99	
1996	53	10.59	66	7.52	146	7.35	93	7.86	
1997	58	10.87	74	8.43	156	8.06	98	9.04	
1998	57	10.35	70	7.70	117	5.59	86	7.72	
1999	49	8.57	56	5.81	113	4.62	78	8.48	
2000	86	15.00	112	12.05	217	9.83	146	15.46	
2001	67	11.69	85	9.16	170	7.68	116	12.56	
2002	40	7.99	60	7.25	125	6.10	85	10.48	
2003	82	17.60	102	13.38	182	9.61	128	16.46	
2004	116	21.88	155	22.35	245	24.99	175	31.09	
2002	Jan	39	7.80	58	7.07	115	5.61	80	9.89
	Feb	42	8.40	60	7.31	107	5.22	77	9.52
	Mar	34	6.80	48	5.85	106	5.17	75	9.27
	Apr	31	6.20	46	5.61	125	6.10	78	9.64
	May	39	7.80	42	5.12	130	6.34	74	9.15
	Jun	38	7.60	65	7.92	132	6.44	84	10.38
	Jul	35	7.00	52	6.34	129	6.30	80	9.89
	Aug	33	6.60	61	7.44	109	5.32	80	9.89
	Sep	31	6.20	48	5.85	104	5.08	71	8.78
	Oct	40	8.00	50	6.10	114	5.56	80	9.89
	Nov	57	11.41	77	9.39	170	8.30	111	13.72
	Dec	60	12.01	107	13.04	158	7.71	127	15.70
2003	Jan	97	20.92	128	16.82	148	7.80	146	18.72
	Feb	105	22.65	134	17.61	225	11.86	167	21.41
	Mar	95	20.49	118	15.51	293	15.44	179	22.95
	Apr	117	25.24	146	19.18	204	10.75	150	19.23
	May	78	16.82	87	11.43	171	9.01	118	15.13
	Jun	80	17.26	93	12.22	191	10.07	125	16.03
	Jul	56	12.08	75	9.86	131	6.90	97	12.44
	Aug	47	10.14	57	7.49	129	6.80	81	10.38
	Sep	55	11.86	66	8.67	133	7.01	81	10.38
	Oct	77	16.61	101	13.27	159	8.38	113	14.49
	Nov	55	11.86	76	9.99	173	9.12	118	15.13
	Dec	117	25.24	141	18.53	231	12.17	166	21.28
2004	Jan	111	24.39	145	25.61	347	28.42	194	38.13
	Feb	116	27.59	151	27.92	278	34.61	193	43.39
	Mar	97	20.87	136	22.14	222	35.99	146	35.18
	Apr	96	25.44	117	23.57	174	19.64	140	28.27
	May	80	14.13	98	11.76	155	14.67	116	18.43
	Jun	91	16.49	123	15.78	198	20.93	137	23.05
	Jul	105	13.32	132	13.66	202	14.64	149	19.46
	Aug	117	12.45	146	11.48	199	14.21	155	16.90
	Sep	95	11.83	117	10.65	180	13.25	132	14.39
	Oct	106	18.49	138	19.23	290	25.51	187	28.44
	Nov	157	19.56	236	24.75	341	32.64	260	41.30
	Dec	219	58.03	317	61.67	355	45.38	296	66.14

Note: The above rates are calculated from all spot fixtures reported during the month for each route.

Crude oil pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Algeria			
Haoud el Hamra/Arzew	Sonatrach	498	28
Haoud el Hamra/Arzew (condensates/LPG)	Sonatrach	511	34
Beni Mansour/Algiers	Sonatrach	81	16
Haoud el Hamra/Bejaia	Sonatrach	415	24
In Amenas/Tunesian border/La Skhirra	Sonatrach	482	24
Ohanet/Haoud el Hamra	Sonatrach	322	30
Haoud el Hamra/Skikda	Sonatrach	396	34
Hassi Messaoud/Bejaia	Sonatrach	404	24
Indonesia			
Bangko/Dumai terminal	Caltex	47	30
Ukui field/Buatan Stat	PT Stanvac	65	9
Melahin/SBM operating area	Unocal	2x6	30
Prabumulih/Plaju	Pertamina	57	24
Temano Stanvac area/Plaju	Asamera	2 x 101	8
Jene/Jirak	PT Stanvac	28	8
Handil field/Senipah SBM	Total Indonesia	21	20/26
Bekapai field/Senipah SBM	Total Indonesia	32	12/16
Rama, Seltan, Krisna, Zelda/Cinta Natomas	Maxus	2, 6, 18, 21	18, 16, 20, 18
Zelda field/Pabelokan ISC	Maxus	20	20
Kotabatak & Beruk areas/Minas area	Caltex	12, 50	24, 24
Minas area/Dury tank farm	Caltex	37,23	26, 30, 30
Duri Tank Farm/Dumai tank farm	Caltex	2 x 28	30, 36
Pamusian field/Lingkas tank farm	Tesoro	12	10
Kasim field/Kasim shipping	Petromer Trend	2 x 3	10/18
IR Iran			
Tang-e-Fani/Kermanshah	NIOC	142	16/10
Naftshahr/Kermanshah	NIOC	143	8
Gachsaran/Shiraz	NIOC	143	10
Ahwaz/Rey	NIOC	563	26/30/26
Marun/Isfahan	NIOC	271	32/30
Rey/Tabriz	NIOC	380	16
Mile-40/Abadan	NIOC	63	12/16
Neka/Sari/Rey	NIOC	287	12/16
Ahwaz/Kharg	NIOC	271	12/48
Marun/Kharg	NIOC	103	8/42
Aghajari/Kharg	NIOC	392	12/48
Gachsaran/Kharg	NIOC	454	8/52

Crude oil pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Iraq			
Bai-Hassan/Kirkuk	INOC	20	16
K2 PS/Baghdad	INOC	110	12
Fao/Khor al-Amaya	INOC	28	32
Baji-Daura	INOC	197	12
Jambur/Kirkuk	INOC	36	6/8
Rumaila/Zubair/Fao	INOC	2 x 65	24/30/32
Haditha/Rumaila	INOC	2 x 407	18/42
Zubair/Station P3 petroline	INOC	391	48
Naft Khaneh/Daura	INOC	81	12
Kirkuk/Ceyhan/Dortyol (Turkey)	INOC	2 x 652	40
Zubair/Al Muajez (Saudi Arabia)	INOC/Aramco	1,575	56
Kuwait			
Raudhatain/Ahmadi	KOC	57	2 x 30
Minagish/Ahmadi	KOC	30	22/24/26
Burgan/Ahmadi	KOC	4 x 4.7	20, 20/22, 30/34, 34/36
SP Libyan AJ			
Sarir/Tobruk	Agoco	320	34
Sarir/Messla	Agoco	25	30
Messla/Amal	Agoco	128	42
Nafoora/Amal	Agoco	32	32
Hamada/Zawia	Repsol	241	18
Sahara/Hamada	Repsol	211	30
Amal/Ras Lanuf	Veba	2 x 170	30, 36
Asida/Ras Lanuf	Veba	54	30
Bahi jn/Es Sider	Waha Oil	2 x 44	30
Gialo/Waha	Waha Oil	94	30
Waha/Zaggut	Waha Oil	27	24
Waha/Samah (loop)	Waha Oil	40	24
South Defa/Waha	Waha Oil	25	30
Gialo/Waha	Waha Oil	94	30
Samha/Dahra	Waha Oil	114	32
Dahra/Bahi Jn	Waha Oil	43	30
Nasser/Brega	Sirte	107	36
103A/Zueitina Termial	ZOC	137	40
Bu-attifel/Intisar (condensate)	Agip/NOC	2 x 83	30, 10

Crude oil pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Nigeria			
Escravos/Warri	NNPC	38	24
Warri/Kaduna	NNPC	383	16
Nkpoku/Bomu	Shell	29	24
Pennington/export terminal	Texaco	31	07/11/30
North Apoi/export berth	Texaco	16	13/30
Funiwa/export terminal	Texaco	16	18/30
Rumuekpe/Bonny terminal	Shell	2 x 67	28, 20/24
Alkiri/Bonny terminal	Shell	21	24
Rumuekpe/Npoku	Shell	22	20
Nembe Creek/Cawthorne channel	Shell	51	24/28
Bonny terminal/offshore platform	Shell	17	48
Kwale/Ogoda	Agip/NNPC	50	10/14
Rumuekpe/Ogoda	Agip/NNPC	14	14
Ogoda/Brass offshore terminal	Agip/NNPC	79	24/36
Azuzuma/Tebidaba	Agip/NNPC	22	12
Clough Creek/Tebidaba	Agip/NNPC	32	10
Tebidaba/Brass Manifold	Agip/NNPC	28	18
Obama/Brass Manifold	Agip/NNPC	16	18
Brass Manifold/Brass offshore terminal	Agip/NNPC	23	24/36
Izombe/Ebocha	Ashland	16	10
Akam/Antan	Ashland	14	10
Parabe & Meji/valve platform	Gulf	28, 10	8, 20
Makarba & Abiteye/Escravos	Gulf	15, 7	16, 26
Escravos/SBM	Gulf	15	26/42
Escravos/Warri	Gulf	60	24
Etim/Idoho	Mobil	16	13/14
Utue Ekpe/Idoho	Mobil	20, 28	16, 16/20
Idoho/Kit	Mobil	13	24
Qatar			
Umm Bab/Umm Said	QGPC	67	16/20
Idd El Sharghi/Halul	QGPC	2 x 13	20, 12
Maydan Mehzam/Halul	QGPC	10	14
Bul Hanin/Halul	QGPC	27	20
Dukhan/Messaied	QGPC	60	24/16/20
Al Khaleej/Halul	QGPC	29, 28	20, 12

Crude oil pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Saudi Arabia			
Ain Dar/Abqaiq No 1	Aramco	28	20/22/24
Ain Dar/Abqaiq No 2	Aramco	28	24/26/28
Ain Dar/Ju'aymah No 1	Aramco	73	32/34
Uthmaniyah/Abqaiq	Aramco	128	18/20/24/30/31
Uthmaniyah/Loop Line	Aramco	23	24
Uthmaniyah/Abqaiq No 2	Aramco	33	34/36
Uthmaniyah/Abqaiq No 3	Aramco	15	38/40
Uthmaniyah/Abqaiq No 4	Aramco	60	24/40/42
Khurais/Ain Dar No 1	Aramco	86	16/18
Abqaiq/Qatif junction	Aramco	6 x 44	20/30/40/46
Abqaiq/Dhahran No 1	Aramco	39	12/14
Qaisumah 7/Qatif junction	Aramco	15	46/48
Qaisumah 7/km 50	Aramco	16	46/48
Uthmaniyah/Abqaiq No 6	Aramco	77	46/48
Abqaiq/Dhahran No 2	Aramco	40	14
Qatif Junction/Qaisumah	Aramco	269	30/31
Qatif Junction/Ras Tanura	Aramco	5 x 17	20/34/40/46
Ju'aymah/Ras Tanura No 2	Aramco	12	46/48
Qatif Junction/Ju'aymah No 1	Aramco	13	46/48
Arabian/Bahrain Nos 1-2	Aramco	14	18/20/22
Arabian/Bahrain Nos 3-4	Aramco	2 x 26	12
Safaniyah/Khursaniyah Nos 1-4	Aramco	4 x 66	22, 30/32, 36/38, 40/42
Khursaniyah/Ras Tanura Nos 1-4	Aramco	4 x 65	22, 30, 40/42, 40/42
Berri/Ras Tanura No 1 & No 2	Aramco	2 x 36	16, 40/42
Qaisumah/Sidon (tapline)	Aramco	754	30/31
Riyadh/Khurais	Petromin	87	na
Abqaiq/Yanbu	Petromin	2 x 789	48/56
Abqaiq/Yanbu (condensate)	Petromin	725	24/28
Saudi-Kuwaiti Neutral Zone			
Wafra/Mina Saud	Getty/Texaco/KNPC/Aramco	3 x 22	18/16/10
Wafra/Umm Gudair	Getty/Texaco/KNPC/Aramco	22	16
Submarine gathering line	AOC	25	26
Submarine oil transmission line	AOC	19	24
Tanker loading lines	AOC	10	36/30/26/21
Hout/Ratawi trunk line	AOC	19	24
Hout/Ratawi transmission line	AOC	25	24
Wafra field/Mina Abdullah	KOC	3 x 33	8/24
United Arab Emirates			
Murban/Jabel Dhanna	ADCO	3 x 50	24, 24, 36
Umm Shaif/Das Island	ADMA	22	30
Lower Zakum/Das Island	ADMA	56	30
Upper Zakum/Zirku Island	ZADCO	40	42
Bunduq/Das Island	Government	18	16
Mubarras/Mubarras Island	ADOC	21	24

Crude oil pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Venezuela			
Ule (Zulia)/Amuay (Falcon)	PDVSA	117, 143	30
Ule (Zulia)/La Salina (Zulia)	PDVSA	9	26
Temblador/Caripito (Monagas)	PDVSA	97	23
Morichal/Puerto Ordaz (Bolivar)	PDVSA	44	26
Jusepin/Travieso	PDVSA	2 x 16	20, 26
Palmarejo/Cardon (Falcon)	PDVSA	153	30
Bachaquero/Puerto Miranda (Zulia)	PDVSA	2 x 67	30
T Pta Palmas/Puerto Miranda	PDVSA	42	24
PT Lagunillas/La Salina	PDVSA	26	34
Mene Grande/Miosa	PDVSA	11	8
Motatan 2 (Zulia)/San Lorenzo (Zulia)	PDVSA	9	12
Camimas/Puerto Miranda (Zulia)	PDVSA	27	34
Barinas/El Palito (Carabobo)	PDVSA	210	20
Guasdualito/Barinas (Barinas)	PDVSA	141	20
Oficina/Puerto La Cruz	PDVSA	97	30
Oficina/Anaco	PDVSA	36	16
Boscan/Bajo Grande	PDVSA	22	26
Puerto Miranda/Cordon (Falcon)	PDVSA	141	30
PT Ancona/Puerto La Cruz	PDVSA	3 x 62	12, 16, 16
Las Palmas/Puerto La Cruz	PDVSA	101	16
Silvester/El Palito	PDVSA	155	20
Travieso/Puerto La Cruz	PDVSA	95	16/26/30

Note: Figures as at year-end.

Gas pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Algeria			
Hassi R'Mel/Arzew	Sonatrach	316	20/24
Hassi R'Mel/Arzew (GZ1 to GZ3)	Sonatrach	315, 315, 317	40, 40, 42
Hassi R'Mel/Skikda	Sonatrach	356	40/42
Hassi R'Mel/Qued Safsaf (Tunisian border)	Sonatrach	2 x 341	48, 48
Hassi R'Mel/El Aricha (Morrocon border)	Sonatrach	324	48
Hassi R'Mel/B Menail	Sonatrach	271	42
Indonesia			
Grissik/Duri	PGN	536	28
West Natuna/Singapore	Gulf/Premier Oil/Conoco	656	28
West Natuna/Malaysia	Conoco	96	18
South Sumatra/Singapore	PGN	482	28
Arun Field/Lhokseumawe	Pertamina	31	42
Rantau Field/Besitang, north Sumatra	Pertamina	48	18
P Brandan/Wampu, north Sumatra	Pertamina	52	18
Prabumulih field/Pupuk Sriwidjaya, south Sumatra	Pertamina	97	14/20
Prabumulih field/Pagardewa, south Sumatra	Pertamina	63	20
Pagerungan field/ORF Grissik, east Java	PT Trans Java Pipeline	440	20
Badak field/Pupuk, east Kalimantan	Pertamina	69	36
Senglang field/PLTG Sengkang, Sulawesi	Pertamina	30	28
IR Iran			
Bid Boland/Astara (Igat 1)	NIGC	798	42/40
Bid Boland/Shiraz	NIGC	171	16
Kangan/Ghazvin/Tabriz/Bazargan (Igat 2)	NIGC	1,078	56/40
Khangiran/Mashad	NIGC	77, 83	16, 36
Sarakhs/Neka/Rasht	NIGC	732	36/30
Sarkhun/Bandar Abbas/Rafsanjan/Kerman	NIGC	344	24/20
Qeshm/Bandar Abbas	NIGC	44	12
Shiraz/Fasa	NIGC	71	16
Boroujerd/Khoramabad	NIGC	66	16
Mobarakeh/Yazd	NIGC	198	20/24
Kangan/Kazeroon (Igat 3)	NIGC	150	56
Kooh Namak/Tehran	NIGC	2 x 70	30, 36
Asaluyeh/Saveh	NIGC	576	56
Saveh/Tehran	NIGC	75, 65	30, 36
Kordkoy/Neka	NIGC	52	30
Tabriz/Meyabdoab	NIGC	95	20
Neizar/Arak/Hamadan	NIGC	169	36/30
Omideh/Mahshahr	NIGC	44	30
Iraq			
Rumaila/Kuwait	INOC	106	4
Kuwait			
Raudhatain/Ahmadi	KOC	57	30
Magwa/Ahmadi	KOC	10	20/40
Umm Gudair/Shuaiba	KOC	41	10/12
Burghan/Ahmadi	KOC	14	32/40
SP Libyan AJ			
Naser/Brega	Sirte Oil	108	36
Hateiba/Brega	Sirte Oil	69	30
Km 91.5/Brega	Sirte Oil	57	30
Intisar/Sahl/km 81	Sirte Oil	86	30
Brega/Tripoli	Sirte Oil	489	34
Brega/Benghazi	Sirte Oil	160	34
Bahi/Dahra	Waha Oil	30	12
South Defa/Naser	Waha Oil	73	24
Faregh/Intisar 103 A	Waha Oil	68	24
Masrab/Gialo	Waha Oil	25	6
Jakhira/103 A	Wintershall	53	20

Gas pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Nigeria			
Sapele/Ajaokuta	NGC	27	10/18
Escravos/Lagos	NGC	248	20/28/36/21
Oben/Ajaokuta Steel	NGC	122	24
Eriemu/Aladja	NGC	21	16
Rumuji/Bonny	NLNG	54	36
Oben/Sapele	NGC	22	18
Obigo North/Afam/Soku/Rumuji	NLNG	26	28
Alakiri/Ikot-Abasi	NGC	69	14/16/24
Qatar			
North Field/Umm Said NGL plant	QGPC	129	34
Umm Said/Fahahil reinject compress	QGPC	56	20
Umm Said/Point 'B' power station	QGPC	28, 29, 29	30, 24, 24
Idd El Sharghi/Umm Said	QGPC	75	24
Fahail/Point 'B' plant	QGPC	28	24
Point 'B'/Umm Said	QGPC	28	24
Point 'B'/power station	QGPC	29	18
United Arab Emirates			
Habshan/Maqta	ADNOC	81	42
Bab/Maqta	ADNOC	83	30
Bab/Ruwais	ADNOC	68	30
Maqta/Taweelah	ADNOC	2 x 33	24, 36
Maqta/Al Ain	ADNOC	100	30
Murgam/Jabel Ali	Dubai government	47	24
Sajaa/Sharjah	Emmarat	27	18/6/4
Venezuela			
Anaco/Puerto Ordaz	PDVSA	347	20
Anaco/Puerto La Cruz	PDVSA	157	20
Anaco/Barquisimeto	PDVSA	1,380	26
Puerto Miranda/La Paz	PDVSA	38	20
Puerto Miranda/Punto Fiso	PDVSA	136	20/22
Casigua/La Fria	PDVSA	47	8
Lama/Bajo Grande	PDVSA	40	14
Pctj-Pagline	PDVSA	57	12
Ule/Amuay	PDVSA	294	8/16,20
Santa Barbara/Pigap	PDVSA	2 x 106	36, 36
Santa Barbara/Soto	PDVSA	106	36
Orillas Lago/Amuay refinery	PDVSA	2 x 144	16, 20

Note: Figures as at year-end.

Refined product pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Algeria			
Houd El Hamra/Hassi R'Mel	Sonatrach	184	12
Hassi R'Mel/Arzew	Sonatrach	316	16
Skikda/Khroub	Naftal	2 x 62	12, 12
Algiers/Chiffa	Naftal	2 x 61	12, 12
Arzew/Oran Petit Lac	Naftal	2 x 23	8, 8
Indonesia			
Cilacap/Tasikmalaya	Pertamina	2 x 128	10, 16
Tasikmalaya/Ujungberung	Pertamina	2 x 95	10, 16
Ujungberung/Padlarang	Pertamina	35	10
Cilacap/Maos	Pertamina	2 x 21	10, 12
Maos/Teras	Pertamina	2 x 210	8, 12
IR Iran			
Abadan/Ahwaz	NIOC	91,94	16, 12
Mahshahr/Abadan	NIOC	73, 68, 63	13, 26, 16
Ahwaz/Rey	NIOC	469	16/20/16
Ahwaz/Azna/Rey	NIOC	510	10/14/10
Isfahan/Rey	NIOC	2 x 231	18, 24
Arak/Rey	NIOC	160	16/18
Rey/Sari	NIOC	180	16/12
Rey/Kan	NIOC	21	12
Rey/Ghouchak	NIOC	20	12
Rey/Karaj	NIOC	36	8
Rey/Mashad	NIOC	523	20/22
Shahrud/Mashad	NIOC	275	8
Rey/Ghazvin/Rasht	NIOC	195	18/16/14
Rey/Tabriz	NIOC	476	14
Tabriz/Miandoab/Orumie	NIOC	174	10/8
Shahrud/Gorgan/Gonabad	NIOC	74	8/10
Imam-Taghi/Torbat Heidarieh	NIOC	58	8
Arak/Hamedan	NIOC	112	12
Bandar Abbas/Isfahan	NIOC	620	14/16/22
Isfahan/Rafsanjan/Kerman	NIOC	406	16/14
Tang-e-Fani/Kermanshah	NIOC	137	10/16
Shazand/Rey	NIOC	175	10/16
Bandar Anzali/Rasht	NIOC	26	16
Iraq			
Baghdad/Basrah	INOC	2 x 364	8
Kuwait			
Shuaiba/Sabhen	KNPC	2 x 102	8, 10
Sabhen/Shuwaikh	KNPC	49	8
Ahmadi/Airport	KNPC	110	8
SP Libyan AJ			
Zawia/Al-Fatah	Brega Marketing	34	8, 10
Zawia/Zanzur	Brega Marketing	20	8

Refined product pipelines in OPEC Members, 2004

	Owner or operator	Length (miles)	Diameter (inches)
Nigeria			
Warri/Benin/Ore/Mosimi	NNPC/PPMC	219	16/14/12
Benin/Auchi	NNPC/PPMC	104	8
Atlas Cove/Mosimi	NNPC/PPMC	46	16
Mosimi/Ibadan	NNPC/PPMC	49	12
Mosimi/Ilorin	NNPC/PPMC	105	6
Mosimi/Ikeja	NNPC/PPMC	31	8
Kaduna/Kanol/Gusau	NNPC/PPMC	223	10/6
Kaduna/Jos/Gombe-Maiduguri	NNPC/PPMC	452	10/12/6/8
Port Harcourt/Enugu/Makurdi	NNPC/PPMC	657	20/6/8
Enugu/Auchi	NNPC/PPMC	99	12
Qatar			
Misaieed/Ras Abu Hamour	Waqood	12	6
United Arab Emirates			
UAN Refinery/Al Ain	ADNOC-Distribution	104	12
UAN Refinery/Abu Dhabi airport	ADNOC-Distribution	11	10
UAN Refinery/Mussaffah	ADNOC-Distribution	2 x 10	8, 12
Venezuela			
Puerto Ordaz/Morichal	PDVSA	43	10
Carenero/Guatire	PDVSA	45	16
La Paz/El Comejen No 1 & 2	PDVSA	2 x 24	4, 4
Bajo Grande/San Lorenzo	PDVSA	70	12
San Lorenzo/El Vigia	PDVSA	104	12
La Paz/Bajo Grande	PDVSA	39	3
Bajo Grande/El Tablazo	PDVSA	96	4
El Palito/Yagua	PDVSA	29	16
El Palito/Barquismeto	PDVSA	94	12
San Juequin/Jose	PDVSA	70	16, 22
Santa Rosa/Puerto La Cruz	PDVSA	62	6
Complejo/Puerto La Cruz	PDVSA	41	6/8/12/26
Puerto La Cruz/San Tome	PDVSA	100	16
San Tome/Maturin	PDVSA	98	8
San Tome/Puerto Ordaz	PDVSA	124	12
Puerto Ordaz/Ciudad Bolivar	PDVSA	44	8

Notes: Figures as at year-end.

Spot OPEC Reference Basket prices, 1995–2004 (\$/b)

	Algeria Saharan Blend	Indonesia Minas	Nigeria Bonny Light	S. Arabia Arab Light	UAE Dubai	Venezuela TJ Light	Mexico Isthmus	OPEC Ref. Basket	
1995	17.40	17.64	17.34	16.73	16.10	16.08	16.73	16.86	
1996	21.33	20.70	21.24	19.91	18.58	19.63	20.65	20.29	
1997	19.62	19.26	19.40	18.71	18.10	17.38	18.26	18.68	
1998	13.02	12.31	12.77	12.20	12.15	11.44	12.08	12.28	
1999	18.12	17.84	18.07	17.45	17.24	16.31	17.29	17.47	
2000	28.77	28.74	28.49	26.81	26.25	26.31	27.80	27.60	
2001	24.74	24.11	24.50	23.06	22.83	20.35	22.22	23.12	
2002	24.91	25.60	25.15	24.32	23.83	22.61	24.12	24.36	
2003	28.73	29.52	28.76	27.69	26.77	26.97	28.25	28.10	
2004	38.35	36.85	38.27	34.53	33.66	33.66	37.01	36.05	
2002	Jan	19.64	18.88	19.65	18.83	18.54	15.37	17.42	18.33
	Feb	19.73	18.91	20.30	19.47	19.02	16.05	18.74	18.89
	Mar	22.84	22.92	23.76	23.33	22.97	20.15	22.54	22.64
	Apr	25.34	25.78	25.79	24.98	24.54	23.01	24.72	24.88
	May	24.77	25.66	25.10	25.33	24.77	22.87	24.80	24.76
	Jun	23.60	24.60	23.98	24.42	23.87	22.54	23.57	23.80
	Jul	25.79	25.27	25.93	25.13	24.66	23.97	25.18	25.13
	Aug	26.87	25.92	26.94	25.63	25.22	25.14	26.18	25.99
	Sep	28.17	27.58	28.46	27.10	26.72	26.31	27.33	27.38
	Oct	27.78	29.69	27.90	26.95	26.41	25.40	27.08	27.32
	Nov	24.19	28.11	24.07	23.87	23.28	22.92	23.63	24.29
	Dec	29.34	32.80	29.27	26.56	25.81	27.09	27.82	28.39
2003	Jan	31.29	32.32	30.78	29.10	28.02	30.14	30.74	30.34
	Feb	32.43	31.89	32.33	31.11	29.94	31.21	31.90	31.54
	Mar	31.21	30.70	30.83	28.98	27.76	29.04	29.96	29.78
	Apr	25.19	29.66	25.27	24.70	23.59	23.97	24.99	25.34
	May	25.24	28.76	25.78	24.92	24.31	24.56	25.61	25.60
	Jun	27.20	27.19	27.46	26.15	25.46	26.23	27.48	26.74
	Jul	27.91	27.33	28.39	27.24	26.66	26.71	27.79	27.43
	Aug	29.59	28.38	29.79	28.36	27.66	27.52	29.08	28.63
	Sep	27.29	26.74	27.47	26.41	25.52	24.64	26.18	26.32
	Oct	29.87	29.67	29.59	28.26	27.42	26.60	28.38	28.54
	Nov	28.94	30.12	28.93	28.63	27.62	26.69	28.24	28.45
	Dec	29.77	32.09	29.64	29.20	28.06	27.60	29.71	29.44
2004	Jan	31.29	30.27	30.94	29.83	28.93	29.28	31.78	30.33
	Feb	30.57	29.38	30.47	29.18	28.49	28.17	30.64	29.56
	Mar	33.46	32.21	33.34	31.62	30.77	29.88	33.08	32.05
	Apr	33.71	32.19	33.74	32.48	31.69	29.88	32.76	32.35
	May	37.96	37.18	37.87	35.63	34.65	33.63	36.95	36.27
	Jun	35.14	36.75	35.60	34.70	33.58	31.67	34.85	34.61
	Jul	38.16	36.28	38.08	35.55	34.70	33.81	37.41	36.29
	Aug	42.67	41.79	42.55	38.93	38.22	36.86	40.88	40.27
	Sep	43.92	44.27	43.56	36.58	35.52	37.23	41.47	40.36
	Oct	50.48	49.68	49.91	39.00	37.61	43.55	47.40	45.37
	Nov	42.97	37.25	43.60	35.56	34.87	37.37	41.10	38.96
	Dec	39.61	34.76	39.08	34.64	34.16	32.36	35.31	35.70

Notes: Prices are averages of weekly fob quotations.

Spot crude oil prices, 1995–2004 (\$/b)

		Algeria	Indonesia	IR Iran		Iraq		Kuwait	SP Libyan AJ
		Zarzitine	Attaka	Iran Light	Iran Heavy	Basrah	Kirkuk	Kuwait Exp.	Brega
1995		17.33	17.84	16.17	16.26	na	na	15.90	17.21
1996		21.32	21.52	19.03	18.49	na	na	18.41	21.06
1997		19.57	20.34	18.24	18.00	na	na	17.81	19.36
1998		12.96	13.53	11.97	11.45	10.77	10.79	11.26	12.90
1999		18.15	17.94	17.25	16.93	16.28	16.43	16.75	18.08
2000		28.82	29.54	26.75	26.02	24.92	25.17	25.78	28.65
2001		24.86	na	22.90	21.67	20.00	20.07	21.37	24.70
2002		25.06	25.38	23.52	23.09	23.02	22.63	23.61	24.96
2003		28.98	29.58	26.89	26.33	26.72	27.22	26.89	29.00
2004		38.53	40.87	34.60	33.06	33.07	na	34.08	38.35
2002	Jan	19.74	19.77	18.95	18.64	16.87	16.94	18.11	19.71
	Feb	19.83	19.44	18.95	18.58	18.64	18.36	18.69	20.32
	Mar	23.35	23.15	22.31	21.98	22.72	22.12	22.74	23.44
	Apr	25.43	25.66	24.10	23.73	23.87	23.14	24.28	25.48
	May	24.86	25.71	23.76	23.40	23.62	23.00	24.48	24.96
	Jun	23.76	24.60	22.52	22.21	23.44	22.68	23.80	23.69
	Jul	25.94	25.89	24.37	23.95	24.01	23.92	24.39	25.52
	Aug	26.95	26.89	25.20	24.74	25.21	24.58	25.14	26.68
	Sep	28.24	28.17	26.87	26.45	26.55	26.05	26.64	28.28
	Oct	27.96	27.77	26.05	25.57	24.29	24.15	26.23	27.63
	Nov	24.31	26.77	22.24	21.66	21.74	20.84	22.97	24.09
	Dec	29.53	30.18	26.40	25.70	25.35	25.83	25.65	29.02
2003	Jan	31.92	31.83	29.13	28.42	27.47	27.71	28.08	31.86
	Feb	32.77	33.67	29.89	29.22	29.63	29.10	30.02	32.89
	Mar	31.70	31.35	27.94	27.22	24.76	24.86	27.81	31.21
	Apr	25.42	27.20	22.85	22.28	na	na	23.78	25.22
	May	25.41	26.41	23.06	22.63	na	na	24.35	25.72
	Jun	27.31	26.47	24.43	24.11	na	na	25.50	27.29
	Jul	28.09	27.91	26.03	25.71	na	na	26.70	28.14
	Aug	29.86	29.91	28.62	28.25	26.64	na	27.78	29.53
	Sep	27.46	28.72	26.66	26.19	24.68	na	25.78	27.29
	Oct	30.01	30.80	28.79	28.29	25.95	na	27.67	30.05
	Nov	29.10	30.48	27.64	27.04	26.75	na	27.76	28.98
	Dec	30.02	31.02	28.55	27.56	27.91	na	28.25	30.02
2004	Jan	31.63	33.07	29.31	28.08	28.34	na	29.16	31.58
	Feb	30.97	33.76	28.00	26.89	28.48	na	28.61	30.90
	Mar	33.65	35.76	30.78	29.86	29.76	na	30.97	33.90
	Apr	33.87	35.20	30.41	29.96	30.66	na	31.75	33.55
	May	38.09	39.44	34.97	33.86	33.52	na	34.78	37.96
	Jun	35.27	38.05	32.67	31.58	31.43	na	33.83	35.46
	Jul	38.28	40.76	35.42	34.33	34.48	na	34.98	38.08
	Aug	42.84	46.89	38.40	37.02	37.17	na	38.44	43.07
	Sep	44.00	48.27	38.77	37.10	37.92	na	36.12	44.04
	Oct	50.58	52.94	43.59	41.31	40.20	na	38.81	50.14
	Nov	43.18	46.88	37.81	34.81	33.13	na	35.87	43.21
	Dec	39.78	38.43	34.77	31.67	31.71	na	34.91	38.95

Notes: Prices are averages of weekly fob quotations, except for the two Iraqi crudes Basrah delivery ex-Yanbu and Kirkuk ex-Ceyhan.

Spot crude oil prices, 1995–2004 (\$/b)

	Nigeria Forcados	Qatar Dukhan	Saudi Arabia		UAE Murban	Angola Cabinda	Ecuador Oriente	
			Arab Med.	Arab Heavy				
1995	17.26	16.73	16.09	15.58	17.18	16.36	16.88	
1996	21.21	19.46	19.01	18.44	20.30	19.99	20.34	
1997	19.29	18.99	17.97	17.17	19.59	18.06	17.42	
1998	12.62	12.55	11.53	10.90	12.67	11.83	11.17	
1999	17.93	17.65	16.95	16.44	17.89	16.88	16.95	
2000	28.40	26.95	25.99	25.24	27.75	27.32	27.37	
2001	24.24	23.74	22.60	21.90	24.02	22.83	21.78	
2002	25.05	24.36	na	23.38	24.87	24.48	21.95	
2003	28.65	27.52	na	26.43	28.29	28.01	25.42	
2004	38.10	36.05	na	31.14	36.65	35.54	30.31	
2002	Jan	19.53	19.28	na	18.00	19.74	18.02	15.27
	Feb	20.13	19.78	na	18.61	20.24	19.03	17.03
	Mar	23.55	23.60	na	22.51	24.07	22.51	20.77
	Apr	25.59	25.17	na	24.02	25.60	24.74	23.21
	May	24.97	25.37	na	24.41	25.90	24.29	22.99
	Jun	23.83	24.36	na	23.49	24.93	23.38	21.54
	Jul	25.86	25.05	na	24.36	25.68	25.31	22.76
	Aug	26.83	25.53	na	24.98	26.20	26.06	23.90
	Sep	28.44	27.08	na	26.33	27.58	27.46	25.59
	Oct	27.84	26.87	na	25.85	27.31	27.08	24.60
	Nov	24.09	23.67	na	22.42	24.31	23.58	20.65
	Dec	29.24	26.53	na	25.42	26.90	28.68	24.84
2003	Jan	30.72	28.83	na	27.78	29.44	30.26	29.01
	Feb	32.26	30.43	na	29.86	31.52	31.18	31.19
	Mar	30.69	28.07	na	27.33	29.32	29.45	26.84
	Apr	25.10	24.27	na	23.50	25.29	24.63	20.63
	May	25.51	24.88	na	24.19	25.91	25.08	22.37
	Jun	27.32	26.41	na	25.37	26.95	26.61	25.07
	Jul	28.28	26.87	na	26.68	27.94	27.73	25.43
	Aug	29.73	27.92	na	27.63	28.69	28.95	26.42
	Sep	27.39	26.73	na	24.92	26.71	26.65	22.96
	Oct	29.48	28.70	na	26.87	29.00	28.94	25.07
	Nov	28.82	28.53	na	26.88	29.35	28.40	25.17
	Dec	29.56	28.69	na	27.10	29.93	29.24	26.45
2004	Jan	30.86	29.67	na	27.49	30.88	29.66	27.62
	Feb	30.36	29.51	na	26.93	30.61	28.60	26.50
	Mar	33.02	32.12	na	29.42	33.06	31.79	28.20
	Apr	33.38	32.42	na	30.31	34.13	31.84	28.73
	May	37.24	35.96	na	33.07	36.77	35.99	32.89
	Jun	35.45	35.43	na	32.00	35.89	33.93	30.30
	Jul	37.94	36.63	na	32.75	37.22	35.90	31.83
	Aug	42.50	40.25	na	35.41	40.92	39.32	32.96
	Sep	43.51	39.34	na	32.38	38.52	40.47	31.74
	Oct	49.87	42.92	na	33.79	41.91	47.01	36.41
	Nov	43.54	40.36	na	30.17	40.14	38.04	31.06
	Dec	39.00	38.04	na	29.34	38.95	33.67	25.17

Notes: Prices are averages of weekly fob quotations, except Oriente which is delivery to US Gulf.

Spot crude oil prices, 1995–2004 (\$/b)

	Gabon Mandji	Oman Oman	Egypt Suez Blend	UK		Norway		Mexico	
				Brent	Forties	Ekofisk	Oseberg	Maya	
1995	15.61	16.34	15.57	17.01	17.15	17.19	17.17	14.42	
1996	19.26	19.12	18.66	20.70	21.05	21.06	21.09	17.37	
1997	16.63	18.52	16.91	19.06	19.33	19.22	19.22	14.89	
1998	10.65	12.06	10.42	12.71	12.79	12.71	12.84	8.72	
1999	16.53	17.27	16.19	17.91	18.02	17.93	17.56	14.52	
2000	26.15	26.50	25.16	28.44	28.61	28.42	28.78	22.87	
2001	21.62	22.75	21.09	24.46	24.60	24.39	24.54	17.31	
2002	22.41	23.94	22.45	25.03	24.98	24.88	25.02	20.93	
2003	26.38	27.13	25.76	28.81	28.94	28.89	28.97	24.22	
2004	35.80	34.35	32.19	38.23	38.85	38.18	38.33	29.97	
2002	Jan	16.95	18.54	16.74	19.48	19.53	19.35	19.68	13.88
	Feb	17.61	19.06	17.11	20.22	20.02	19.88	20.17	15.20
	Mar	21.09	23.02	20.38	23.73	23.42	23.35	23.38	19.37
	Apr	23.12	24.62	23.26	25.75	25.19	25.07	25.20	22.15
	May	22.66	24.87	22.57	25.31	24.96	24.87	25.01	22.38
	Jun	21.38	24.03	21.63	24.04	23.90	23.87	23.90	21.40
	Jul	23.07	24.74	23.61	25.79	25.95	25.87	25.95	22.49
	Aug	24.00	25.25	24.49	26.68	26.93	26.90	26.96	23.08
	Sep	25.63	26.75	25.69	28.28	28.34	28.25	28.32	24.46
	Oct	25.04	26.55	25.00	27.69	27.72	27.63	27.76	23.76
	Nov	21.39	23.37	21.57	23.99	24.07	24.08	24.18	19.55
	Dec	26.38	26.21	26.64	28.83	29.06	28.92	29.07	23.27
2003	Jan	28.87	28.54	27.67	31.31	31.47	31.43	31.46	27.90
	Feb	30.11	30.31	29.04	32.54	32.86	32.80	32.85	27.53
	Mar	28.55	28.06	27.81	30.98	31.27	31.15	31.36	24.29
	Apr	22.64	24.14	21.87	25.07	25.23	25.17	25.23	20.53
	May	23.36	24.53	22.84	25.79	25.85	25.85	25.91	21.81
	Jun	25.01	25.64	24.07	27.44	27.51	27.48	27.60	23.29
	Jul	25.91	26.80	25.69	28.34	28.36	28.43	28.41	25.00
	Aug	27.35	27.96	27.59	29.78	29.78	29.83	29.86	25.89
	Sep	24.89	26.09	24.70	27.32	27.41	27.40	27.44	22.45
	Oct	27.42	27.97	27.02	29.85	29.95	29.94	30.00	24.32
	Nov	26.25	27.93	26.17	28.68	28.85	28.86	28.87	24.33
	Dec	27.39	28.43	25.89	29.82	29.91	29.62	29.91	24.52
2004	Jan	28.90	29.34	26.55	31.33	31.47	31.10	31.38	25.70
	Feb	28.22	28.67	25.42	30.65	30.78	30.52	30.74	24.74
	Mar	31.27	31.10	28.11	33.70	33.95	33.70	33.77	27.10
	Apr	30.80	31.71	28.40	33.23	33.87	33.31	33.23	27.70
	May	35.28	34.78	33.00	37.71	38.33	37.79	37.74	31.70
	Jun	32.78	33.92	30.56	35.21	35.82	35.37	35.29	29.43
	Jul	35.90	35.10	33.21	38.33	38.88	38.42	38.44	30.57
	Aug	40.44	38.49	36.75	42.87	43.30	42.86	42.97	32.52
	Sep	41.00	36.53	36.43	43.43	44.12	43.44	43.48	33.43
	Oct	47.31	39.81	39.56	49.74	50.57	49.75	49.74	39.23
	Nov	40.37	36.65	35.34	42.80	43.91	42.23	43.01	31.31
	Dec	37.00	35.40	32.48	39.43	40.79	39.26	39.74	26.47

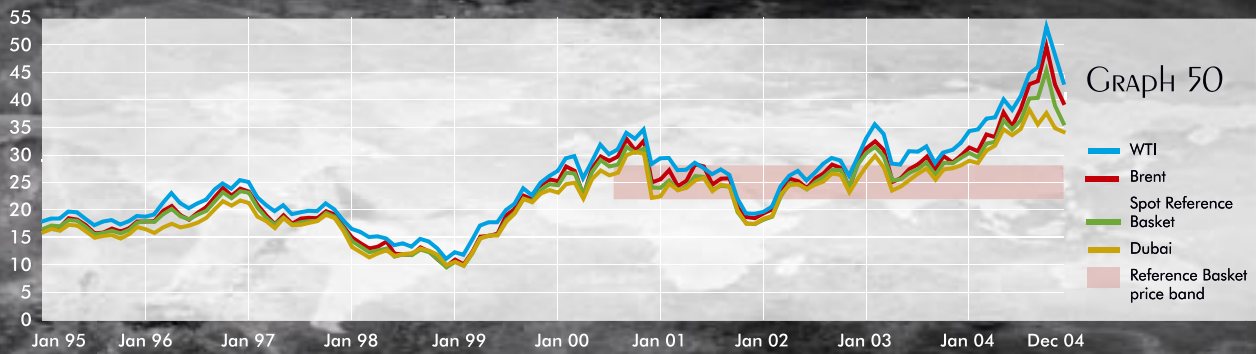
Notes: Prices are averages of weekly fob quotations. Brent prices reflect dated delivery.

Spot crude oil prices, 1995–2004 (\$/b)

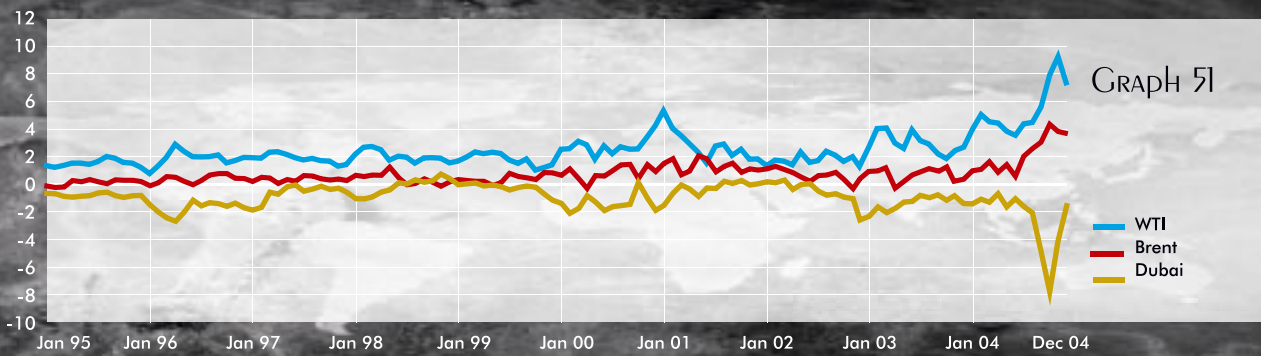
		China	Malaysia	Australia	Colombia	WTI	USA	Russia	
		Daqing	Tapis	Miri	Gippsland		Cano Limon	ANS	Urals
1995		17.59	18.29	18.23	17.33	17.58	18.42	17.18	16.62
1996		20.81	22.01	21.98	21.03	21.62	22.20	20.53	20.11
1997		19.33	20.92	20.99	19.85	19.27	20.56	18.93	18.28
1998		12.34	13.81	13.93	13.33	12.69	14.36	12.50	11.78
1999		17.76	18.90	18.30	18.50	17.95	19.30	17.77	17.24
2000		28.74	29.74	na	29.40	28.57	30.37	28.40	26.58
2001		24.78	25.44	na	25.22	22.82	26.00	23.34	22.97
2002		25.45	25.69	25.76	25.47	23.55	26.13	24.75	23.82
2003		29.52	30.08	30.07	29.85	27.78	31.09	29.63	27.03
2004		36.72	41.14	41.21	40.58	35.52	41.44	38.81	34.47
2002	Jan	18.66	20.17	20.12	19.99	17.33	19.71	17.49	18.58
	Feb	18.82	20.13	20.16	19.97	18.28	20.67	19.16	18.95
	Mar	22.72	23.55	23.55	23.32	22.46	24.35	22.76	22.47
	Apr	25.70	25.96	25.90	25.85	24.66	26.32	25.08	24.12
	May	25.61	26.01	25.94	25.91	23.82	27.13	25.90	23.87
	Jun	24.73	24.90	24.85	24.61	22.78	25.42	24.07	22.86
	Jul	25.56	26.35	26.31	26.13	24.36	26.87	25.77	24.80
	Aug	26.18	27.33	27.33	27.19	25.43	28.41	27.46	25.71
	Sep	27.64	28.16	28.11	27.88	27.22	29.52	28.57	26.93
	Oct	29.12	27.95	27.90	27.65	26.31	29.00	27.70	26.14
	Nov	27.54	26.83	26.80	26.43	22.71	26.31	24.71	22.72
	Dec	32.15	30.33	30.28	30.09	26.79	29.66	28.25	27.84
2003	Jan	32.29	31.90	31.87	31.79	30.73	33.08	32.01	28.86
	Feb	32.21	33.79	33.81	33.83	31.59	35.63	35.05	30.23
	Mar	30.75	31.73	31.73	31.63	27.21	33.88	33.19	28.98
	Apr	29.46	27.77	27.78	27.48	23.75	28.40	25.79	22.83
	May	28.73	26.79	26.77	26.64	25.12	28.23	26.24	23.89
	Jun	27.18	27.11	27.10	26.96	27.27	30.71	29.40	25.10
	Jul	27.32	28.44	28.44	28.23	27.62	30.61	29.05	26.76
	Aug	28.41	30.65	30.65	30.41	29.02	31.60	30.22	28.74
	Sep	26.98	29.65	29.65	29.21	26.14	28.55	27.34	25.88
	Oct	29.65	31.90	31.89	31.48	28.20	30.43	28.66	28.17
	Nov	30.05	30.60	30.54	30.26	28.28	30.94	29.02	27.57
	Dec	31.86	31.38	31.35	31.09	29.51	32.15	30.69	28.28
2004	Jan	30.37	33.75	33.67	33.44	30.63	34.33	33.24	28.98
	Feb	29.62	34.78	34.83	34.25	29.98	34.62	33.64	27.49
	Mar	32.32	35.67	35.67	35.47	31.90	36.59	35.39	30.24
	Apr	32.32	35.43	35.47	35.22	31.82	36.80	35.40	30.12
	May	37.15	39.55	39.55	39.28	35.82	40.11	38.83	34.95
	Jun	36.27	38.35	38.33	38.07	33.66	38.18	36.90	32.61
	Jul	36.59	41.25	41.27	40.76	35.93	40.69	39.36	35.26
	Aug	41.97	47.35	47.41	46.79	38.94	44.77	43.03	38.64
	Sep	43.90	48.13	48.18	46.32	39.36	45.98	42.73	38.27
	Oct	48.91	53.07	52.90	52.24	43.10	53.32	48.88	42.40
	Nov	36.79	46.75	47.22	46.08	38.78	48.22	41.86	38.22
	Dec	34.33	38.69	39.12	38.02	36.09	43.12	36.72	36.06

Notes: Prices are averages of weekly fob quotations, except for Alaska North Slope (ANS), Cano Limon delivery to US Gulf, and Urals to Mediterranean.

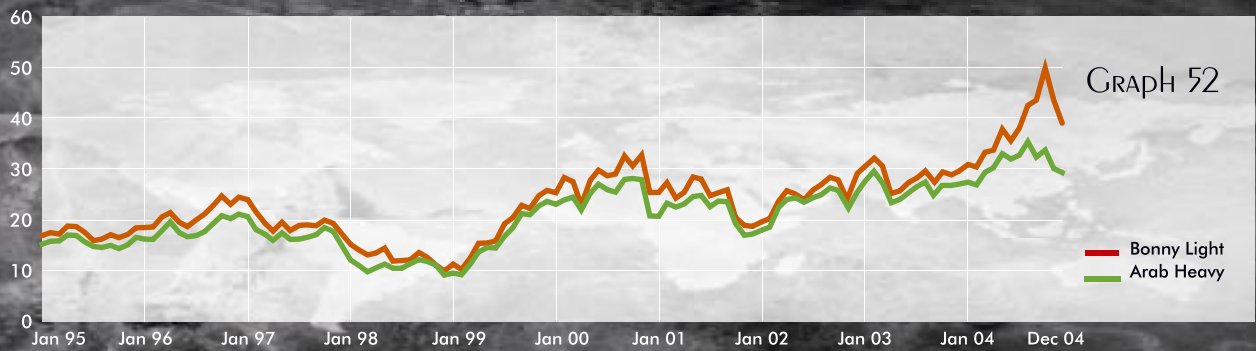
OPEC Reference Basket and other spot crude oil prices, 1995-04 (\$/b)



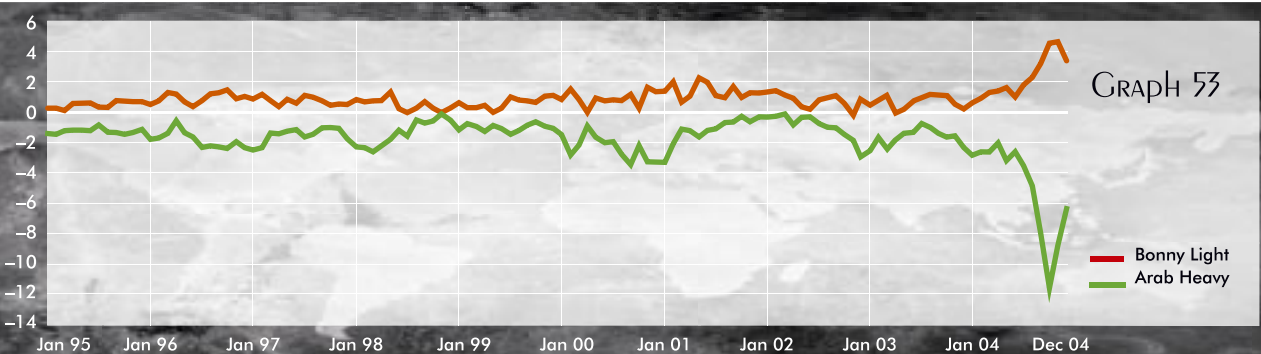
Spot price differences of WTI, Brent and Dubai to OPEC Basket, 1995-04 (\$/b)



Spot prices of Bonny Light and Arab Heavy, 1995-04 (\$/b)



Spot price differences of Bonny Light and Arab Heavy to OPEC Basket, 1995-04 (\$/b)



Crude oil prices in nominal and real terms, 1970–2004 (\$/b)

	Nominal oil price ¹	Nominal price adjusted for:		
		Exchange rates ²	Inflation ³	Combined ⁴
1970	1.67	1.97	2.01	2.36
1971	2.03	2.35	2.32	2.68
1972	2.29	2.47	2.49	2.68
1973	3.05	3.05	3.05	3.05
1974	10.73	11.06	9.39	9.68
1975	10.73	10.86	8.37	8.47
1976	11.51	12.57	8.18	8.93
1977	12.39	13.41	8.01	8.67
1978	12.70	12.60	7.64	7.58
1979	17.25	16.48	9.45	9.04
1980	28.64	27.33	13.89	13.26
1981	32.51	35.66	14.18	15.55
1982	32.38	39.76	12.97	15.93
1983	29.04	38.79	10.90	14.57
1984	28.20	41.44	9.97	14.66
1985	27.01	41.16	9.06	13.80
1986	13.53	16.94	4.40	5.50
1987	17.73	19.88	5.57	6.25
1988	14.24	15.54	4.32	4.71
1989	17.31	19.87	5.00	5.74
1990	22.26	23.38	6.07	6.38
1991	18.62	19.84	4.86	5.18
1992	18.44	19.24	4.63	4.83
1993	16.33	18.88	3.97	4.60
1994	15.53	17.90	3.67	4.23
1995	16.86	18.63	3.86	4.27
1996	20.29	22.60	4.53	5.04
1997	18.68	22.33	4.08	4.88
1998	12.28	14.91	2.63	3.20
1999	17.47	21.67	3.69	4.58
2000	27.60	37.76	5.69	7.79
2001	23.12	32.65	4.66	6.58
2002	24.36	33.13	4.82	6.56
2003	28.10	33.66	5.44	6.51
2004	36.05	40.05	6.82	7.58

Notes: Base: 1973 = 100.

1. From 1970 to 1981, the Arab Light official price. As of 1982, the OPEC spot Reference Basket price.
2. Based on 'modified Geneva I + US basket' which includes the euro, the US dollar, the pound sterling and the Swiss franc, weighted according to the merchandise imports of OPEC Member Countries from the countries in the basket.
3. Based on weighted average consumer price indices of modified Geneva I countries and USA (according to the private consumption of modified Geneva I countries and USA).
4. Based on combined indices of exchange rates and inflation.

Spot refined products prices in major markets, 1995–2004 (\$/b)

		US Gulf			Singapore			Rotterdam		
		gasoline	gasoil	fuel oil	gasoline	gasoil	fuel oil	gasoline	gasoil	fuel oil
		reg un1 87	0.2% sulphur	3.0% sulphur	prem 0.15g/l	0.5% sulphur	380 CST	prem 0.15g/l	0.2% sulphur	3.5% sulphur
1995		21.31	19.95	13.77	22.10	21.64	13.99	20.60	20.17	14.14
1996		25.13	24.77	15.58	23.58	27.07	15.53	23.72	25.48	15.52
1997		24.78	22.72	14.42	24.55	24.24	14.73	23.63	23.02	13.92
1998		17.57	16.04	9.69	17.19	15.46	9.86	17.25	15.94	9.71
1999		22.00	19.77	14.28	21.02	19.13	14.76	21.50	19.74	13.73
2000		35.10	34.04	20.77	32.55	32.46	23.04	35.16	33.76	20.47
2001		31.02	29.04	17.18	27.47	27.30	19.42	29.29	28.77	17.08
2002		30.44	27.75	20.69	28.00	28.15	21.83	28.47	27.33	19.76
2003		36.83	34.09	24.02	34.74	33.38	25.07	34.86	33.47	22.38
2004		49.37	45.62	24.75	47.19	47.31	26.58	47.10	46.01	22.94
2002	Jan	22.77	21.45	14.82	21.00	21.66	16.24	20.93	21.55	15.25
	Feb	22.86	21.80	15.24	24.16	22.54	17.37	21.17	21.69	15.52
	Mar	30.22	25.77	19.20	27.93	25.71	19.73	25.74	25.05	17.86
	Apr	33.02	27.16	21.93	30.11	28.64	21.75	29.94	26.53	19.93
	May	31.37	27.05	21.95	29.73	28.72	22.99	28.94	26.54	21.02
	Jun	31.20	26.26	21.38	28.54	27.82	21.99	29.02	25.97	19.94
	Jul	31.93	27.68	21.87	28.19	28.19	22.88	30.77	27.80	21.02
	Aug	31.77	28.77	22.78	28.17	28.79	24.10	31.14	28.95	21.68
	Sep	33.03	31.98	24.81	30.49	31.43	25.34	32.63	31.54	24.02
	Oct	34.82	31.90	23.19	29.62	33.10	23.46	32.16	31.23	22.44
	Nov	29.32	29.65	18.76	27.80	29.37	21.83	27.88	28.52	18.40
	Dec	33.00	33.53	22.41	30.25	31.88	24.24	31.34	32.63	19.99
2003	Jan	37.08	36.97	29.73	34.34	34.23	26.97	35.31	35.22	25.97
	Feb	42.61	44.38	27.76	40.14	39.35	29.33	39.15	41.16	25.93
	Mar	40.63	37.13	22.78	37.51	37.87	26.65	36.06	39.61	21.91
	Apr	34.24	30.47	19.59	28.74	30.03	23.12	34.38	29.59	18.61
	May	33.20	29.65	21.16	28.73	29.12	23.15	32.06	29.00	20.29
	Jun	34.96	31.07	22.35	31.59	29.33	24.51	33.15	30.57	21.57
	Jul	37.36	32.22	25.64	34.59	29.57	26.18	35.36	31.08	24.15
	Aug	41.48	33.57	25.95	37.30	33.27	24.92	38.04	32.47	23.72
	Sep	34.16	30.16	22.42	33.11	32.42	23.80	33.70	29.84	21.64
	Oct	35.57	33.59	24.48	35.55	33.58	24.38	33.71	33.92	22.63
	Nov	34.71	34.10	24.00	35.78	35.08	24.02	33.54	34.21	22.56
	Dec	35.97	35.72	22.35	39.52	36.67	23.79	33.84	35.02	19.55
2004	Jan	41.57	39.84	22.64	44.25	41.42	24.98	37.73	36.58	20.75
	Feb	43.37	36.88	22.08	39.87	38.81	24.90	38.56	34.16	20.32
	Mar	46.03	37.51	23.38	44.10	38.42	24.57	41.68	37.77	21.49
	Apr	48.57	37.76	24.78	44.09	42.82	25.54	45.58	38.74	22.77
	May	56.45	41.76	27.28	49.71	44.62	27.83	53.11	42.83	25.10
	Jun	49.39	40.88	24.99	45.19	42.84	26.87	45.85	41.68	23.39
	Jul	52.10	44.97	24.93	46.52	46.25	26.98	52.03	46.19	24.44
	Aug	49.64	48.25	25.23	51.50	51.67	28.19	51.06	49.99	24.62
	Sep	52.25	52.38	26.07	49.06	54.29	27.18	50.77	53.02	24.12
	Oct	56.89	61.54	31.47	54.73	58.40	29.95	55.72	63.06	25.88
	Nov	52.29	55.61	21.80	52.45	56.82	27.99	50.62	56.89	21.49
	Dec	43.86	50.04	22.32	44.81	51.33	24.00	42.54	51.26	20.93

Notes: US Gulf and Singapore prices apply to cargo; Rotterdam prices to barge size lots. Gasoline specification in Singapore is 97 research octane number with 0.15 gram lead per litre. Fuel oil viscosity is 380 centistokes with 3.5 per cent sulphur. Gasoline specification for Rotterdam is 97–98 RON with 0.15 gram per litre lead.

Retail prices of refined products in OPEC Members, 2000–2004 (units of national currency/b)

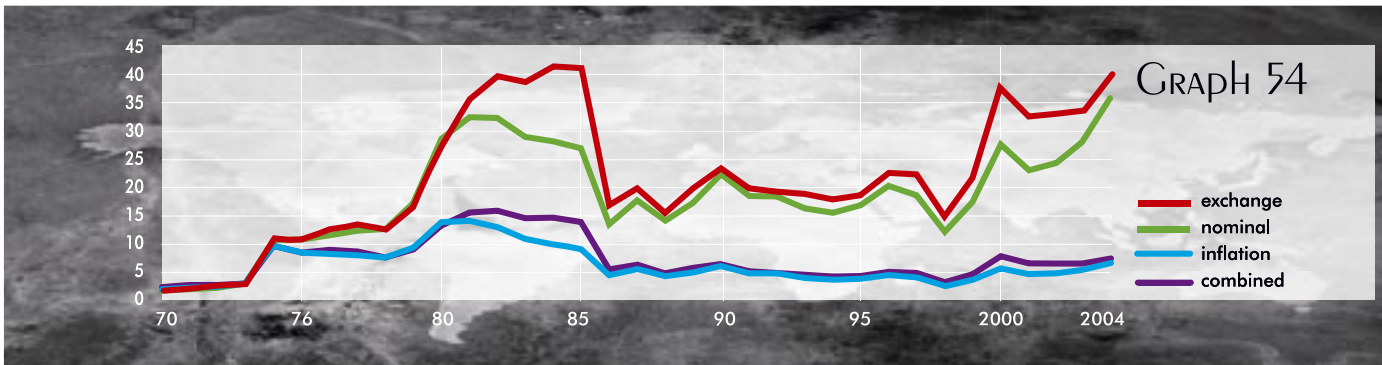
	2000	2001	2002	2003	2004
Algeria					
Gasoline	3,211.8	3,211.8	3,211.8	3,370.8	3,370.8
Diesel oil	1,868.3	1,868.3	1,868.3	1,868.3	1,868.3
Kerosene	182.9	182.9	182.9	182.9	182.9
Fuel oil	156.9	156.9	156.9	156.9	156.9
Indonesia					
Gasoline	164,941.8	206,674.0	235,290.4	287,790.0	381,600.0
Diesel oil	89,426.3	119,235.0	226,280.4	262,350.0	349,800.0
Kerosene	47,296.6	59,617.5	210,727.2	256,200.0	328,700.0
Fuel oil	37,630.3	37,337.0	195,545.4	248,040.0	318,340.0
IR Iran					
Gasoline	78,695.1	96,194.4	98,488.1	102,701.1	102,701.1
Diesel oil	18,282.7	19,078.8	20,031.5	23,370.1	23,370.1
Kerosene	18,282.7	19,078.8	20,031.5	21,303.3	21,303.3
Fuel oil	9,642.1	10,175.9	10,716.8	13,354.3	13,354.3
Iraq					
Gasoline	na	na	na	na	na
Diesel oil	na	na	na	na	na
Kerosene	na	na	na	na	na
Fuel oil	na	na	na	na	na
Kuwait					
Gasoline	9.9	9.9	9.9	10.3	10.3
Diesel oil	8.7	8.7	8.7	8.7	8.7
Kerosene	8.7	8.7	8.7	8.7	8.7
Fuel oil	2.9	2.9	2.9	2.9	2.9
SP Libyan AJ					
Gasoline	19.5	19.5	19.5	18.3	18.3
Diesel oil	17.5	17.5	17.5	19.1	19.1
Kerosene	11.5	11.5	11.5	11.1	3.4
Fuel oil	1.9	1.9	1.9	3.5	3.5
Nigeria					
Gasoline	3,497.6	3,497.6	4,133.5	4,134.0	6,757.5
Diesel oil	3,338.6	3,338.6	4,133.5	4,134.0	6,598.5
Kerosene	2,702.7	2,702.7	3,815.5	3,816.0	6,598.5
Fuel oil	1,907.8	1,907.8	1,907.8	1,907.8	3,339.0
Qatar					
Gasoline	107.3	107.3	107.3	107.3	107.3
Diesel oil	95.4	95.4	95.4	95.4	95.4
Kerosene	63.6	63.6	63.6	63.6	63.6
Fuel oil	na	na	na	na	na
Saudi Arabia					
Gasoline	143.1	143.1	143.1	143.1	143.1
Diesel oil	58.8	58.8	58.8	58.8	58.8
Kerosene	69.2	69.2	69.2	69.2	69.2
Fuel oil	23.9	23.9	23.9	23.9	23.9
United Arab Emirates					
Gasoline	137.5	139.3	157.4	165.2	172.5
Diesel oil	123.5	128.5	136.9	136.7	136.7
Kerosene	104.9	113.1	116.1	120.6	122.4
Fuel oil	89.6	89.6	89.6	89.6	95.4
Venezuela					
Gasoline	1,113.0	1,113.0	1,327.2	1,322.1	1,322.1
Diesel oil	763.1	763.1	763.5	760.0	760.0
Kerosene	1,939.9	2,089.9	3,928.4	9,020.1	9,020.1
Fuel oil	6,801.7	7,267.3	3,266.7	1,047.8	1,047.8

Composite barrel and its components in major consuming countries, 2000–2004 (\$/b)

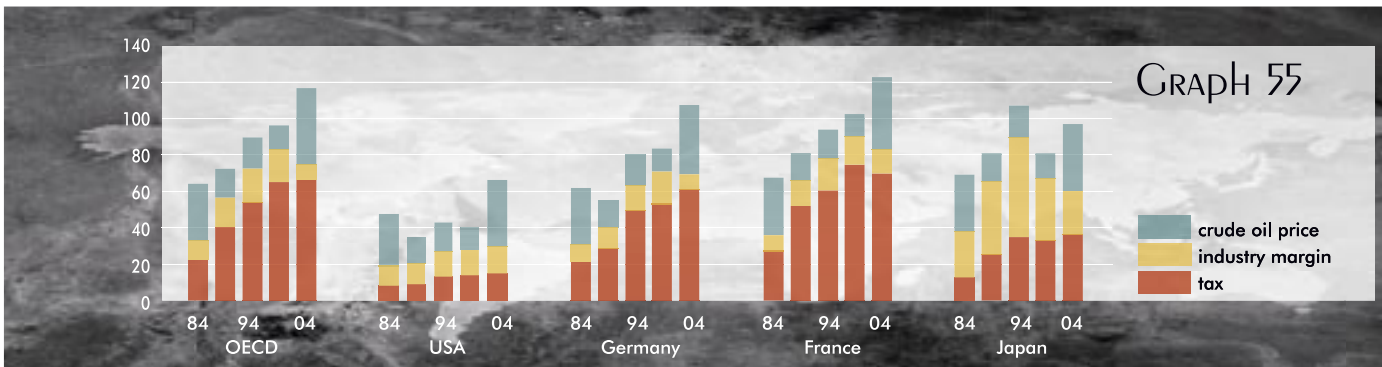
	2000	2001	2002	2003	2004*
USA					
Composite barrel	57.9	54.3	54.9	55.7	66.2
Crude cif price	27.5	22.0	23.5	27.8	36.9
Tax	15.8	15.3	15.1	14.3	15.4
Industry margin	14.7	16.9	16.4	13.7	14.0
Canada					
Composite barrel	68.9	65.0	63.1	64.8	74.2
Crude cif price	29.2	24.8	24.9	29.4	38.8
Tax	22.3	21.1	20.5	20.7	20.9
Industry margin	17.4	19.1	17.7	14.6	14.5
Japan					
Composite barrel	106.5	97.6	88.5	88.2	95.3
Crude cif price	28.7	25.0	25.0	29.2	36.6
Tax	39.3	34.9	34.0	34.6	35.0
Industry margin	38.4	37.6	29.5	24.4	23.7
France					
Composite barrel	110.2	107.2	108.8	112.6	121.9
Crude cif price	28.2	24.2	24.6	28.8	38.7
Tax	64.5	59.4	64.5	69.1	69.4
Industry margin	17.5	23.6	19.8	14.7	13.9
Germany					
Composite barrel	92.7	89.9	94.5	97.4	107.1
Crude cif price	28.2	24.1	24.4	28.4	37.8
Tax	52.1	51.4	57.4	60.5	60.7
Industry margin	12.4	14.4	12.6	8.5	8.6
Italy					
Composite barrel	100.7	95.4	98.6	101.8	110.4
Crude cif price	27.8	23.9	24.2	28.5	37.5
Tax	59.3	56.5	62.0	64.8	65.0
Industry margin	13.6	15.0	12.4	8.5	7.8
United Kingdom					
Composite barrel	152.9	143.0	142.7	147.7	157.4
Crude cif price	28.7	24.6	24.8	29.1	38.9
Tax	94.1	88.0	90.9	94.9	95.4
Industry margin	30.1	30.4	27.0	23.7	23.1
European Union					
Composite barrel	103.2	98.0	97.9	103.0	116.6
Crude cif price	28.2	24.1	24.5	29.1	41.9
Tax	59.7	56.8	58.2	63.2	66.0
Industry margin	15.3	17.1	15.2	10.6	8.7

Notes: 'Composite barrel' is a consumption-weighted average of final consumer prices (including taxes) of main groups of refined products. 'Tax' is a consumption-weighted average of total taxes (including VAT if applicable) levied on refined products. Industry margin is a calculated value arrived at by subtracting the tax and crude cif price from the price of composite barrel. Consumption weights for 2001, 2002 and 2003 are estimated. Totals may not add up due to independent rounding.

Crude oil prices in nominal and real terms, 1970–2004 (\$/b) 1973=100



Composite barrel and its components, 1984–2004 (\$/b)



Principal operations of the major oil companies, 2000–2004 (1,000 b/d)

	2000	2001	2002	2003	2004
BP					
Crude oil & NGL reserves ¹	6,508	7,217	7,762	7,449	7,550
Natural gas reserves ²	41,100	42,959	45,844	43,976	42,922
Crude oil produced	1,928	1,931	2,018	2,121	2,531
Crude oil processed	2,928	2,943	3,117	3,097	2,976
Refined products sold	5,859	6,206	6,563	6,688	6,398
Natural gas sold ³	7,609	8,632	8,707	8,613	8,503
ExxonMobil					
Crude oil & NGL reserves ¹	12,171	12,312	12,623	12,856	12,513
Natural gas reserves ²	55,866	55,946	55,718	54,769	57,940
Crude oil produced	2,553	2,542	2,496	2,516	2,571
Crude oil processed	5,642	5,542	5,443	5,510	5,713
Refined products sold	7,993	7,971	7,757	7,957	8,210
Natural gas sold ³	10,343	10,279	10,452	10,119	9,846
Total					
Crude oil & NGL reserves ¹	6,960	6,961	7,231	7,323	7,003
Natural gas reserves ²	20,705	21,929	21,575	22,267	22,785
Crude oil produced	1,433	1,454	1,589	1,661	1,695
Crude oil processed	2,411	2,465	2,349	2,481	2,496
Refined products sold	3,695	3,724	3,380	3,652	3,771
Natural gas sold ³	3,758	4,061	4,532	4,786	4,894
Royal Dutch/Shell					
Crude oil & NGL reserves ¹	6,907	6,107	5,782	5,009	3,761
Natural gas reserves ²	44,685	44,878	37,757	38,370	37,525
Crude oil produced	2,274	2,220	2,372	2,379	2,253
Crude oil processed	2,923	3,400	4,084	4,167	4,162
Refined products sold	5,574	6,143	7,399	7,445	7,600
Natural gas sold ³	8,212	8,902	9,286	8,849	8,808
ChevronTexaco					
Crude oil & NGL reserves ¹	8,519	6,496	6,494	6,280	5,511
Natural gas reserves ²	17,844	17,106	16,803	17,553	16,128
Crude oil produced	1,997	1,959	1,897	1,808	1,710
Crude oil processed	2,540	2,472	2,079	1,991	1,958
Refined products sold	5,188	4,954	3,775	3,738	3,908
Natural gas sold ³	9,700	10,505	8,594	5,822	5,889
Total majors					
Crude oil & NGL reserves ¹	41,065	39,093	39,892	38,917	36,338
Natural gas reserves ²	180,200	182,818	177,697	176,935	177,300
Crude oil produced	10,185	10,106	10,372	10,485	10,760
Crude oil processed	16,444	16,822	17,072	17,246	17,305
Refined products sold	28,309	28,998	28,874	29,480	29,887
Natural gas sold ³	39,622	42,379	41,571	38,189	37,940

Notes: BP and Amoco, and Exxon and Mobil merged to create BP Amoco and ExxonMobil in December 1998 and November 1999, respectively. In 2003, BP Amoco was renamed BP. Both data series have been adjusted to include the new companies. TotalFina merged with Elf Aquitaine in February 2000 to create TotalFinaElf, which was renamed Total in 2003. The data series has been adjusted to include the new company from 1997 for reserves and 1999 for other data. Chevron and Texaco merged to create ChevronTexaco in October 2001. Data include companies' shares in all operations in which they have an interest.

1. Million barrels, as at year-end.
2. Billion cubic feet, as at year-end.
3. Million cubic feet/day.

Revenue, operating costs, deductions, taxation and net income of the major oil companies, 2000–2004 (m \$)

	2000	2001	2002	2003	2004
BP					
Revenues ¹	161,826	175,389	178,721	236,045	294,849
Cost of sales ²	145,786	160,558	168,713	219,468	272,479
Income tax (benefit)	6,648	6,375	4,317	6,111	8,282
Special deductions	–	–	–	–	–
Net income (loss)	9,392	8,456	5,691	10,466	14,088
ExxonMobil					
Revenues ³	227,596	208,715	200,949	237,054	291,252
Cost of sales ⁴	198,785	184,428	182,990	204,538	250,011
Income tax (benefit)	11,091	8,967	6,499	11,006	15,911
Special deductions	–	–	–	–	–
Net income (loss)	17,720	15,320	11,460	21,510	25,330
Total⁵					
Revenues ³	105,430	94,250	108,871	118,340	153,056
Cost of sales ⁴	93,234	82,136	97,218	104,343	130,693
Income tax (benefit)	5,846	5,261	5,345	6,053	10,373
Special deductions	–	–	–	–	–
Net income (loss)	6,350	6,853	6,308	7,944	11,990
Royal Dutch/Shell					
Revenues ³	191,511	167,431	218,287	263,889	337,522
Cost of sales ⁴	167,519	148,677	200,984	242,227	304,203
Income tax (benefit)	11,273	8,404	7,647	9,349	15,136
Special deductions	–	–	–	–	–
Net income (loss)	12,719	10,350	9,656	12,313	18,183
ChevronTexaco					
Revenues	119,130	106,245	99,049	121,277	155,300
Cost of sales ⁴	105,081	97,954	94,893	108,753	134,455
Income tax (benefit)	6,322	4,360	3,024	5,294	7,517
Special deductions	–	643	–	–	–
Net income (loss)	7,727	3,288	1,132	7,230	13,328
Total majors					
Revenues	805,493	752,030	805,877	976,605	1,231,979
Cost of sales	710,405	673,753	744,798	879,329	1,091,841
Income tax (benefit)	41,180	33,367	26,832	37,813	57,219
Special deductions	–	643	–	–	–
Net income (loss)	53,908	44,267	34,247	59,463	82,919

Notes: BP and Amoco, and Exxon and Mobil merged to create BP Amoco and ExxonMobil in December 1998 and November 1999, respectively. In 2003, BP Amoco was renamed BP. Both data series have been adjusted to include the new companies. TotalFina merged with Elf Aquitaine in February 2000 to create TotalFinaElf, which was renamed Total in 2003. The data series has been adjusted to include the new company from 1997. Chevron and Texaco merged to create ChevronTexaco in October 2001. Data include companies' shares in all operations in which they have an interest.

1. Includes earnings from equity interest and stockholding gain or loss.
2. Includes sales and excise taxes and interest expenses.
3. Includes dividend from related and non-consolidated companies.
4. Includes sales and excise taxes.
5. Converted from original figures in French francs and euros.

Costs, deductions, taxation and net income as percentage of revenues of the major oil companies, 2000–2004

	2000	2001	2002	2003	2004
BP					
Revenues	100	100	100	100	100
Cost of sales	90.1	91.5	94.4	93.0	92.4
Income tax (benefit)	4.1	3.6	2.4	2.6	2.8
Special deductions	–	–	–	–	–
Net income (loss)	5.8	4.8	3.2	4.4	4.8
ExxonMobil					
Revenues	100	100	100	100	100
Cost of sales	87.6	88.6	91.2	86.8	86.2
Income tax (benefit)	4.8	4.2	3.2	4.5	5.3
Special deductions	–	–	–	–	–
Net income (loss)	7.6	7.2	5.6	8.7	8.5
Total					
Revenues	100	100	100	100	100
Cost of sales	88.4	87.1	89.3	88.2	85.4
Income tax (benefit)	5.5	5.6	4.9	5.1	6.8
Special deductions	–	–	–	–	–
Net income (loss)	6.0	7.3	5.8	6.7	7.8
Royal Dutch/Shell					
Revenues	100	100	100	100	100
Cost of sales	87.5	88.8	92.1	91.8	90.1
Income tax (benefit)	5.9	5.0	3.5	3.5	4.5
Special deductions	–	–	–	–	–
Net income (loss)	6.6	6.2	4.4	4.7	5.4
ChevronTexaco					
Revenues	100	100	100	100	100
Cost of sales	88.2	92.2	95.8	89.7	86.6
Income tax (benefit)	5.3	4.1	3.1	4.4	4.8
Special deductions	–	0.6	–	–	–
Net income (loss)	6.5	3.1	1.1	6.0	8.6
Total majors					
Revenues	100	100	100	100	100
Cost of sales	88.3	89.6	92.5	90.1	88.7
Income tax (benefit)	5.1	4.4	3.3	3.8	4.6
Special deductions	–	0.1	–	–	–
Net income (loss)	6.6	5.9	4.2	6.0	6.7

Notes: BP and Amoco, and Exxon and Mobil merged to create BP Amoco and ExxonMobil in December 1998 and November 1999, respectively. In 2003, BP Amoco was renamed BP. Both data series have been adjusted to include the new companies. TotalFina merged with Elf Aquitaine in February 2000 to create TotalFinaElf, which was renamed Total in 2003. The data series has been adjusted to include the new company from 1997. Chevron and Texaco merged to create ChevronTexaco in October 2001. Data include companies' shares in all operations in which they have an interest. Percentages may not add up to 100 due to independent rounding.

Capital and exploratory expenditure of the major oil companies, 2000–2004 (m \$)

	2000	2001	2002	2003	2004
BP	11,171	13,200	13,321	13,986	14,408
Exploration ¹	6383	8,627	9,266	9,658	9,839
Production	na	na	na	na	na
Transportation	na	na	na	na	na
Refining and chemicals ²	1585	1,446	810	775	929
Marketing ³	2369	2,386	2,682	3,006	2,887
Others	834	741	563	547	753
ExxonMobil⁴	11,168	12,311	13,955	15,525	14,885
Exploration ¹	6933	8,816	10,394	11,988	11,715
Production	na	na	na	na	na
Transportation	na	na	na	na	na
Refining and chemicals ²	1468	872	954	692	690
Marketing ⁵	2618	2,322	2,450	2,781	2,405
Others	149	301	157	64	75
Total⁶	7,677	9,506	9,191	8,740	10,812
Exploration ¹	5191	6,746	6,500	5,996	7,696
Production	na	na	na	na	na
Transportation	na	na	na	na	na
Refining and chemicals ²	1246	1,450	1,313	1,261	1,129
Marketing ³	1071	1,060	1,181	1,397	1,891
Others	169	250	197	86	96
Royal Dutch/Shell	6,209	9,598	22,362	12,252	12,734
Exploration ¹	3801	6,847	13,064	8,129	8,387
Production	na	na	na	na	na
Transportation	na	na	na	na	na
Refining and chemicals ²	726	685	680	470	366
Marketing ⁵	1546	1,775	8,124	3,388	3,761
Others	136	291	494	265	220
ChevronTexaco	9,520	12,028	9,255	7,363	8,315
Exploration	6,251	7,129	6,283	5,675	6,321
Production	na	na	na	na	na
Transportation ³	2,040	2,144	1,632	1,100	1,329
Refining and chemicals ²	186	179	309	197	150
Marketing	na	na	na	na	na
Others ⁷	1,043	2,576	1,031	391	515
Total majors	45,745	56,643	68,084	57,866	61,154
Exploration	28,559	38,165	45,507	41,446	43,958
Production	na	na	na	na	na
Transportation	2,040	2,144	1,632	1,100	1,329
Refining and chemicals	5,211	4,632	4,066	3,395	3,264
Marketing	7,604	7,543	14,437	10,572	10,944
Others	2,331	4,159	2,442	1,353	1,659

Notes: BP and Amoco, and Exxon and Mobil merged to create BP Amoco and ExxonMobil in December 1998 and November 1999, respectively. In 2003, BP Amoco was renamed BP. Both data series have been adjusted to include the new companies. TotalFina merged with Elf Aquitaine in February 2000 to create TotalFinaElf, which was renamed Total in 2003. The data series has been adjusted to include the new company from 1997. Chevron and Texaco merged to create ChevronTexaco in October 2001. Data include companies' shares in all operations in which they have an interest.

1. Exploration and production.
2. Chemicals only.
3. Refining, marketing and transportation.
4. Includes expenditures of majority owned and consolidated companies and acquisitions.
5. Refining and marketing.
6. Converted from original figures in French francs and euros.
7. Includes investment share in non-subsidiary companies.

Definitions

Proven reserves: an estimated quantity of all hydrocarbons statistically defined as crude oil or natural gas, which geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions. Reservoirs are considered proven if economic producibility is supported by either actual production or conclusive formation testing. The area of an oil reservoir considered proven includes those portions delineated by drilling and defined by gas-oil or oil-water contacts, if any, and the immediately adjoining portions not yet drilled, but which can be reasonably judged as economically productive on the basis of available geological and engineering data. In the absence of information on fluid contacts, the lowest known structural occurrence of hydrocarbons controls the lower proven limit of the reservoir.

Crude oil: estimates include oil that can be produced economically through application of improved recovery techniques following successful completion of pilot testing. Estimates do not include:

- oil that may become available from known reservoirs but is reported separately as 'indicated additional reserves';
- oil, the recovery of which is subject to reasonable doubt because of uncertainty as to geology, reservoir characteristics or economic factors;
- oil that may occur in untested prospects; and
- oil that may be recovered from oil shales, coal, gilsonite and other such sources.

Natural gas: estimates are prepared for total recoverable natural gas, non-associated gas and associated-dissolved gas. Estimates do not include gaseous equivalence of natural gas liquids expected to be recovered from reservoir natural gas as it is produced, natural gas being held in underground storage or non-hydrocarbon gases.

Rig: a derrick complete with engine-house and other equipment necessary for drilling oil and gas wells.

Well (exploratory and development): a hole drilled for the purpose of finding or producing crude oil or natural gas; or providing services related to the production of crude oil and natural gas.

Completion: this term refers to the installation of permanent equipment for the production of oil or gas.

Oil or gas well: a well completed for the production of oil or gas from one or more zones or reservoirs.

Dry hole: a well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well.

Crude oil: a mixture of hydrocarbons that exists in a liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Production volumes reported as crude oil include:

- liquids technically defined as crude oil;
- small amounts of hydrocarbons that exist in the gaseous phase in natural underground reservoirs, but which are liquid at atmospheric pressure after being recovered from oil well (casing head) gas in lease separators;
- small amounts of non-hydrocarbons produced with the oil.

Natural gas liquids (NGLs): those reservoir gases liquefied at the surface in lease separators, field facilities or gas processing plants. NGLs consist of field condensates and natural gas plant products such as ethane, pentane, propane, butane and natural gasoline.

Natural gas: a mixture of hydrocarbon compounds and small quantities of various non-hydrocarbons existing in the gaseous phase or in solution with oil in natural underground reservoirs at reservoir conditions. The natural gas volumes in this Bulletin refer to Standard Conditions of 60° F, 14.73 psia (15.6° C, 760 mm/Hg).

Gross production: the total flow of natural gas from oil and gas reservoirs of associated-dissolved and non-associated gas.

Marketed production: corresponds to gross production, minus the volumes of gas flared or re-injected into fields, minus the shrinkage.

Re-injection: the total volume of natural gas produced from oil and gas completions, processed through gas-processing plants and field facilities, and used for gas lift, gas injection, and cycling operations.

Shrinkage: contraction due to natural gas processing, purification for the extraction of natural gas liquids.

Flared: total volume of vented or flared gas.

Refinery capacity (operable): the maximum amount of input to crude oil distillation units that can be processed in an average 24-hour period.

Barrels per calendar day (b/cd): the total number of barrels processed in a refinery within a year, divided by 365 days, thus reflecting all operational limitations.

Barrels per stream day (b/sd): the number of barrels of input that a refining facility can process within 24 hours, operating at full capacity under optimal crude and product slate conditions.

Petroleum products: products obtained from the processing of crude oil, and unfinished oils, NGLs, and other hydrocarbon compounds.

These include aviation gasoline, motor gasoline, naphtha, kerosene, jet fuel, distillate fuel oil, residual fuel oil, liquefied petroleum gas, lubricants, paraffin wax, petroleum coke, asphalt and other products.

Gasoline: a mixture of relatively volatile hydrocarbons, with or without small quantities of additives, that have been blended to form a fuel suitable for use in internal combustion engines; includes gasoline used in aviation.

Kerosene: medium hydrocarbon distillates in the 150° to 280° C distillation range, and used as a heating fuel as well as for certain types of internal combustion engine; includes jet fuel, which is a fuel of naphtha, or of kerosene type, suitable for commercial or military purposes in aircraft turbine engines.

Distillates: middle distillate type of hydrocarbons. Included are products similar to number one and number two heating oils and diesel fuels. These products are used for space heating, diesel engine fuel and electrical power generation.

Residual fuel oil: these are fuels obtained as liquid still bottoms from the distillation of crude used alone or in blends with heavy liquids from other refinery process operations. It is used for the generation of electric power, space heating, vessel bunkering and various industrial purposes.

Output of refined products: the total amount of petroleum products produced from refinery input in a given period, excluding refinery fuels.

Consumption of refined products: inland delivery, including refinery fuels and losses, as well as products from gas plants; excluding bunkers.

Exports of refined products: includes products from gas plants and excludes bunkers.

OPEC Basket: the OPEC Reference Basket price — which was introduced on January 1, 1987 — is the arithmetic average of seven selected crudes. These are: Saharan Blend (Algeria); Minas (Indonesia); Bonny Light (Nigeria); Arab Light (Saudi Arabia); Dubai (United Arab Emirates), Tia Juana Light (Venezuela), and Isthmus (Mexico). Mexico is not a Member of OPEC.

Posted price: announced price reflecting the market development of crude oil and products.

Composite barrel: the composite barrel is a consumption weighted average of final consumer prices (including taxes) of the main groups of refined petroleum products.

Geneva I Agreement: Agreement of January 20, 1972, between certain OPEC Member Countries and international oil companies introducing adjustments to posted prices to take account of the world currency situation. For its calculations, the Geneva I Agreement used the national currencies of Belgium, France, Germany, Italy, Japan, Netherlands, Sweden, Switzerland and the United Kingdom.

Country groupings

(OPEC Member Countries are shown in bold)

North America: Canada, Greenland, St Pierre and Miquelon, United States.

Latin America: Antigua, Argentina, Bahamas, Barbados, Belize, Bermuda, Bolivia, Brazil, British Virgin Islands, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama (including Panama Canal Zone), Paraguay, Peru, Puerto Rico, St Kitts-Nevis-Anguilla, St Lucia, St Vincent, Suriname, Trinidad & Tobago, Turks and Caicos Islands, United States Virgin Islands, Uruguay, **Venezuela**.

Eastern Europe: Albania, Bulgaria, former Czechoslovakia (Czech Republic, Slovakia), Hungary, Poland, Romania, former Union of Soviet Socialist Republics (Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan).

Western Europe: Austria, Belgium (including Luxembourg), Cyprus, Denmark (including Faroe Islands), Finland, France (including Andorra and Monaco), Germany, Gibraltar, Greece, Iceland, Ireland, Italy (including San Marino and Vatican City State [Holy See]), Malta, Netherlands, Norway (including Svalbard and Jan Mayen Islands), Portugal, Spain (including Canary Islands), Sweden, Switzerland (including Liechtenstein), Turkey, United Kingdom, former Yugoslavia (Bosnia and Herzegovina, Croatia, Macedonia [The Former Yugoslav Republic of], Serbia and Montenegro, and Slovenia).

Middle East: Bahrain, **Islamic Republic of Iran**, **Iraq**, Jordan, **Kuwait**, Lebanon, Oman, **Qatar**, **Saudi Arabia**, Syrian Arab Republic, **United Arab Emirates** (Abu Dhabi, Ajman, Dubai, Fujairah, Ras al-Khaimah, Sharjah, Umm al-Qaiwain), Yemen.

Africa: Algeria, Angola, Benin, Botswana, British Indian Ocean Territory, Burkina Faso, Burundi, Cameroon (United Republic of), Cape Verde, Central African Republic, Chad, Comoros, Congo (Republic of the), Congo (Democratic Republic of the), Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia (The), Ghana, Guinea, Guinea-Bissau, Côte d'Ivoire, Kenya, Lesotho, Liberia, **Socialist People's Libyan Arab Jamahiriya**, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, **Nigeria**, Reunion, Rwanda, St Helena, Sao Tome and Principe, Senegal, Seychelles, Sierre Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Tunisia, Uganda, Western Sahara, Zambia, Zimbabwe.

Asia and Pacific: Afghanistan, American Samoa, Antarctica, Australia, Bangladesh, Bhutan, Brunei, Cambodia, Canton and Enderbury Islands, China, Christmas Island, Cocos (Keeling) Islands, Cook Islands, Fiji, French Polynesia, Guam, Hong Kong, India, **Indonesia**, Japan, Johnston Island, Kiribati, Korea (Democratic People's Republic of), Korea (Republic of), Lao People's Democratic Republic, Macau, Malaysia, Maldives, Midway Islands, Mongolia, Myanmar, Nauru, Nepal, New Caledonia, New Zealand, Niue, Norfolk Island, Pacific Islands (Trust Territory), Pakistan, Papua New Guinea, Philippines, Pitcairn Island, Samoa, Singapore, Solomon Islands, Sri Lanka, Taiwan, Thailand, Tokelau, Tonga, Tuvalu, Vanuatu, Vietnam, Wake Island, Wallis and Futuna Islands.

Economic organizations

Organization of the Petroleum Exporting Countries (OPEC). Members: Algeria (1969), Indonesia (1962), the Islamic Republic of Iran (1960), Iraq (1960), Kuwait (1960), the Socialist People's Libyan Arab Jamahiriya (1962), Nigeria (1971), Qatar (1961), Saudi Arabia (1960), United Arab Emirates (1967), Venezuela (1960).

European Union (EU). Members: Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden and the United Kingdom.

Abbreviations

Symbols:

na	Not available
–	Nil or negligible
*	Provisional or estimated figures, as of June 13, 2005.

Currencies:

\$	US dollar	QRL	Qatari riyal
€	Euro	LD	Libyan dinar
AD	Algerian dinar	N	Nigerian naira
KD	Kuwaiti dinar	SRL	Saudi Arabian riyal
RP	Indonesian rupiah	AED	UAE dirham
IR	Iranian rial	B	Venezuelan bolivar
ID	Iraqi dinar		

Miscellaneous:

b	barrel(s)	ft	feet
b/d	barrels per day	GDP	gross domestic product
b/cd	barrels per calendar day	LNG	liquefied natural gas
b/sd	barrels per stream day	LPG	liquefied petroleum gas
bn b	billion barrels	m b	million barrels
cif	cost, insurance and freight	NGLs	natural gas liquids
cu m	cubic metres	NOC	national oil company
dwt	deadweight tonnage	t	tonne
fob	free on board		

Companies:

ADCO	Abu Dhabi Company for Onshore Oil Operations
ADMA	Abu Dhabi Marine Areas
ADMA-OPCO	Abu Dhabi Marine Operating Company
ADNOC	Abu Dhabi National Oil Company
ADOC	Abu Dhabi Oil Company
Agip	Agip SpA
Agoco	Arabian Gulf Oil Company (SP Libyan AJ)
Amerada Hess	Amerada Hess Corporation
AOC	Arabian Oil Company
Aquitaine	Societe Nationale des Petroles d'Aquitaine
Aramco	Saudi Arabian Oil Company (Saudi Aramco)
Arco	Atlantic Richfield Company
Asamera	Asamera Oil
Ashland	Ashland Oil
BP	BP plc
Braspetro	Petrobras Internacional SA
Brega Marketing	Brega Petroleum Marketing Company
Buttes	Buttes Gas & Oil Company
Calasiatic	Calasiatic Petroleum Company
PT Caltex	PT Caltex Pacific Indonesia
ChevronTexaco	ChevronTexaco Corporation
Conoco	Continental Oil Company
Corpoven	Corpoven SA
DPC	Dubai Petroleum Company
EGPC	Egyptian General Petroleum Corporation
ExxonMobil	ExxonMobil Corporation
GASCO	Abu Dhabi Onshore Gas Company
Getty	Getty Oil Corporation
Gulf	Gulf Oil Corporation
Hispanoil	Hispanica de Petroleos SA
INOC	Iraq National Oil Company
Inpex	Indonesia Petroleum Ltd
JORC	Jeddah Oil Refinery Company
KRPC	Kaduna Refinery & Petrochemical Company
KNPC	Kuwait National Petroleum Company KSC
KOC	Kuwait Oil Company KSC
Lagoven	Lagoven SA
Maraven	Maraven SA
Maxus	Maxus Energy Corporation
Mobil	Mobil Oil Corporation
NIGC	National Iranian Gas Company
NIOC	National Iranian Oil Company
NNPC	Nigerian National Petroleum Corporation
NOC	National Oil Corporation (Libya)
NODCO	National Oil Distribution Company (Qatar)
NPHR	New Port Harcourt Refinery
Oasis	Oasis Oil Company of Libya, Inc
Occidental	Occidental Petroleum Corporation
OMV	OMV Aktiengesellschaft
OPHR	Old Port Harcourt Refinery
PDVSA	Petroleos de Venezuela SA
Pertamina	Perusahaan Pertambangan Minyak Dan Gas Bumi Negara
Petromer Trend	Petromer Trend Corporation
Petromin	The General Petroleum and Mineral Organization of Saudi Arabia
Phillips	Phillips Petroleum Company
PPMC	Pipeline and Products Marketing Company (Nigeria)
QGPC	Qatar General Petroleum Corporation (now Qatar Petroleum)
Royal Dutch/Shell	Royal Dutch Petroleum Company, The Netherlands, and Shell Transport and Trading Co, UK
Sonatrach	Entreprise Nationale Sonatrach

Stancal	Standard Oil Company of California
PT Stanvac	PT Stanvac Indonesia
Tenneco	Tenneco Incorporated
Tesoro	Tesoro Indonesia Petroleum Corporation
Topco	Texas Overseas Petroleum Company
Total	Total
Union Oil	Union Oil Company of California
VOO	Veba Oil Operations (SP Libyan AJ)
Waha Oil	Waha Oil Company (SP Libyan AJ)
Wintershall	Wintershall AG
WRPC	Warri Refinery & Petrochemical Company
Zadco	Zakum Development Company
ZOC	Zueitina Oil Company (SP Libyan AJ)

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World Oil

World Petroleum Trends

CONVERSION FACTORS

Crude oil

Standard factors	Metric tonne	Long ton	Barrels	Cubic metres (kilolitres)
Metric tonne	1	0.984	7.33	1.165
Long ton	1.016	1	7.45	1.128
Barrels	0.136	0.134	1	0.159
Cubic metres (kilolitres)	0.858	0.887	6.289	1

By country (b/tonne)	2000	2001	2002	2003	2004
Algeria	7.9448	7.9448	7.9448	7.9448	7.9448
Indonesia	7.2338	7.2338	7.2338	7.2338	7.4226
IR Iran	7.2840	7.2840	7.2840	7.2840	7.2840
Iraq	7.4127	7.4127	7.4127	7.4136	7.4136
Kuwait	7.2580	7.2580	7.2580	7.2580	7.2580
SP Libyan AJ	7.6806	7.6806	7.6806	7.5745	7.5699
Nigeria	7.4114	7.4114	7.4114	7.3995	7.3995
Qatar	7.6180	7.6180	7.6180	7.6162	7.6184
Saudi Arabia	7.2845	7.2845	7.2845	7.4029	7.4029
United Arab Emirates	7.5532	7.5532	7.5532	7.5876	7.5876
Venezuela	7.1270	7.1270	7.1270	6.8272	6.8871
OPEC	7.3532	7.3543	7.3543	7.3604	7.3781

Petroleum products (b/tonne)

LPG	11.6482
Aviation spirit	8.6162
Natural gasoline	8.4998
Motor spirit	8.4998
Kerosene	7.7652
Jet fuel	7.7652
Distillate fuel oil	7.2296
Lubricating oils	6.9886
Other fuel oils	6.9118
Residual fuel oils	6.6208
Asphalt and bitumen	6.0478

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