



Annual Statistical Bulletin

2007



Organization of the Petroleum Exporting Countries



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ISSN 0475-0608

Printed in Austria by  Ueberreuter Print und Digimedia

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HE Abdalla Salem El-Badri, OPEC Secretary General

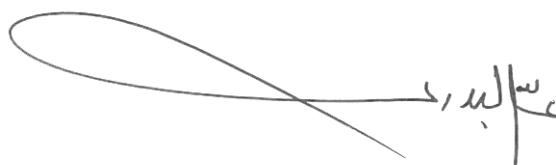
Welcome to the 43rd edition of the Annual Statistical Bulletin (ASB), one of OPEC's long-established publications of importance, which continues to provide objective, timely and reliable data about world energy markets.

As with previous editions, the 2007 ASB contains well researched statistical data regarding the oil and gas activities of OPEC's 13 Member Countries — Algeria, Angola, Ecuador, Indonesia, the Islamic Republic of Iran, Iraq, Kuwait, the Socialist People's Libyan Arab Jamahiriya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates and Venezuela — as well as the global petroleum industry in general. It also provides comprehensive and detailed data on upstream and downstream activities, and the global flows of oil and gas, in addition to basic financial data about some of the world's largest oil and gas companies.

OPEC believes that the sharing and transmission of accurate and reliable data is an important element in ensuring oil market stability. Thus, the ASB is one of OPEC's contributions towards this objective.

We do hope that the data contained in the 2007 ASB will be found useful by the industry and the general public in understanding oil and gas activities and the role played by OPEC Member Countries in the stabilization of the global oil market.

The preparation of the ASB is a long process with inputs from many people. I would therefore, like to acknowledge the contributions of OPEC Member Countries and staff of the OPEC Secretariat in the research and production of this publication.



Abdalla Salem El-Badri
Secretary General

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

	Apr 82– Mar 83 1/	Apr 83– Oct 84 2/	Nov 84– Aug 86 3/	Sep 86– Oct 86 4/	Nov 86 5/	Dec 86 6/	Jan 87– Jun 87 7/	Jul 87– Dec 87 8/	Jan 88– Dec 88 9/	Jan 89– Jun 89 10/	Jul 89– Sep 89 11/	Oct 89– Dec 89 12/
Algeria	650	725	663	663	669	669	635	667	667	695	733	771
Indonesia	1,300	1,300	1,189	1,189	1,193	1,193	1,133	1,190	1,190	1,240	1,307	1,374
IR Iran	1,200	2,400	2,300	2,300	2,317	2,317	2,255	2,369	2,369	2,640	2,783	2,926
Iraq	1,200	1,200	1,200	1,200	–	–	1,466	1,540	–	2,640	2,783	2,926
Kuwait	800	1,050	900	900	921	999	948	996	996	1,037	1,093	1,149
SP Libyan AJ	750	1,100	990	990	999	999	948	996	996	1,037	1,093	1,149
Nigeria	1,300	1,300	1,300	1,300	1,304	1,304	1,238	1,301	1,301	1,355	1,428	1,501
Qatar	300	300	280	280	300	300	285	299	299	312	329	346
Saudi Arabia	7,150	5,000	4,353	4,353	4,353	4,353	4,133	4,343	4,343	4,524	4,769	5,014
United Arab Emirates	1,000	1,100	950	950	950	950	902	948	948	988	1,041	1,094
Venezuela	1,500	1,675	1,555	1,555	1,574	1,574	1,495	1,571	1,571	1,636	1,724	1,812
OPEC	17,150	17,150	15,680	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 13/	Apr 91– Aug 90 14/	Apr 91– Sep 91 15/	Oct 91– Jan 92* 16/	Feb 92– Sep 92 17/	Oct 92– Dec 92* 18/	Jan 93– Feb 93 19/	Mar 93– Sep 93 20/	Oct 93– Jun 96 21/	Jul 96– Dec 97 22/	Jan 98– Mar 98 23/	Apr 98– Jun 98 24/
Algeria	827	827	827	na	760	na	764	732	750	750	909	50
Indonesia	1,374	1,374	1,443	na	1,374	na	1,374	1,317	1,330	1,330	1,456	70
IR Iran	3,140	3,140	3,217	na	3,184	na	3,490	3,340	3,600	3,600	3,942	140
Iraq	3,140	3,140	–	na	505	na	500	400	400	1,200	1,314	–
Kuwait	1,500	1,500	–	na	812	na	1,500	1,600	2,000	2,000	2,190	125
SP Libyan AJ	1,233	1,233	1,425	na	1,395	na	1,409	1,350	1,390	1,390	1,522	80
Nigeria	1,611	1,611	1,840	na	1,751	na	1,857	1,780	1,865	1,865	2,042	125
Qatar	371	371	399	na	377	na	380	364	378	378	414	30
Saudi Arabia	5,380	5,380	8,034	na	7,887	na	8,395	8,000	8,000	8,000	8,761	300
United Arab Emirates	1,095	1,500	2,320	na	2,244	na	2,260	2,161	2,161	2,161	2,366	125
Venezuela	1,945	1,945	2,235	na	2,147	na	2,360	2,257	2,359	2,359	2,583	200
OPEC	21,616	22,021	21,740	23,650	22,436	24,200	24,289	23,301	24,233	25,033	27,500	
OPEC excl Iraq												1,245
Target												25,742

Notes: Totals may not add up due to independent rounding

– No production level allocated.

na No distribution made.

* Includes Ecuador and Gabon.

OPEC excluding IR Iran and Iraq.

Agreed at the:

- 1/ 63rd (Extraordinary) Meeting of the OPEC Conference, March 19-20, 1982.
- 2/ 67th (Extraordinary) Meeting of the OPEC Conference, March 14, 1983. No production level allocated to Saudi Arabia acted 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 in August 1984 and September 1984, respectively, was decided.
- 3/ 71st (Extraordinary) Meeting of the OPEC Conference, October 29–31, 1984. Retained at the 75th (Extraordinary) Meeting of the OPEC Conference, October 4, 1985.
- 4/ 78th Meeting of the OPEC Conference, June 25–30, 1986 and July 28–August 5, 1986, with the exception of Iraq.
- 5/ 79th (Extraordinary) Meeting of the OPEC Conference, October 6–22, 1986, with the exception of Iraq.
- 6/ 79th (Extraordinary) Meeting of the OPEC Conference, October 6–22, 1986, with the exception of Iraq.
- 7/ 80th Meeting of the OPEC Conference, December 11–20, 1986.
- 8/ 81st Meeting of the OPEC Conference, June 25–27, 1987.
- 9/ 82nd Meeting of the OPEC Conference, December 9–14, 1987, with the exception of Iraq. Extended at the 83rd Meeting of the OPEC Conference, June 11–14, 1988, with the exception of Iraq.
- 10/ 84th Meeting of the OPEC Conference, November 21–28, 1988.
- 11/ 85th Meeting of the OPEC Conference, June 5–7, 1989.
- 12/ 3rd Meeting of the Eight-Minister Monitoring Committee, September 23–27, 1989.
- 13/ 86th Meeting of the OPEC Conference, November 25–28, 1989.
- 14/ 87th Meeting of the OPEC Conference, July 26–27, 1990. September 2000–March 2001: Oil Ministers' informal consultations and 1st Ministerial Monitoring Committee, August 26–29, 1990 (interim course of action: OPEC shall consequently increase production in accordance with need). Retained August 1990 agreement at the 88th Meeting of the OPEC Conference, December 12–13, 1990.
- 15/ 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. Reiterated without reservations at the 89th Meeting of the OPEC Conference, June 4, 1991.
- 16/ 4th Meeting of the Ministerial Monitoring Committee, September 24–25, 1991. Retained at the 90th Meeting of the Conference, November 26–27, 1991.
- 17/ 6th Meeting of the Ministerial Monitoring Committee, February 12–15, 1992. Reservations were made by IR Iran to the total OPEC production level and by Saudi Arabia to their allocated production level. Rollover (inclusive of reservations) at the 91st Meeting of the OPEC Conference, May 21–22, 1992. The Conference also decided to allow any additional production from Kuwait.
- 18/ 9th Meeting of the Ministerial Monitoring Committee, September 16–17, 1992. Reaffirmed to allow for any additional production from Kuwait.
- 19/ 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.
- 20/ 10th Meeting of the Ministerial Monitoring Committee, February 13–16, 1993 with full support of Member Countries, except Iraq. Rollover of this agreement at the 93rd Meeting of the OPEC Conference, June 8–10, 1993, with full support of Member Countries, except Iraq and Kuwait.
- 21/ 94th (Extraordinary) Meeting of the OPEC Conference, September 25–29, 1993, with full support of Member Countries, except Iraq. Maintained at the 12th Meeting of the Ministerial Monitoring Committee, March 25–26, 1994, with full support of Member Countries, except Iraq. Maintained at the 97th, 98th and 99th Meeting of the OPEC Conference, November 21–22, 1994, June 19–20, 1995, and November 21–22, 1995, respectively.
- 22/ 100th Meeting of the OPEC Conference, June 5–7, 1996. The remaining volume of 1.2m b/d is to be supplied by Iraq. Rollover of the agreement at the 101st and the 102nd Meeting of the OPEC Conference, November 27–28, 1996, and June 25–26, 1997, respectively.
- 23/ 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.
- 24/ 104th Meeting (Extraordinary) of the OPEC Conference, March 30, 1998. Data reflect temporary production cuts from OPEC excluding Iraq production in February 1998 (26.987m b/d) as reported by selected secondary sources. Iraq is not called upon to participate in this agreement.

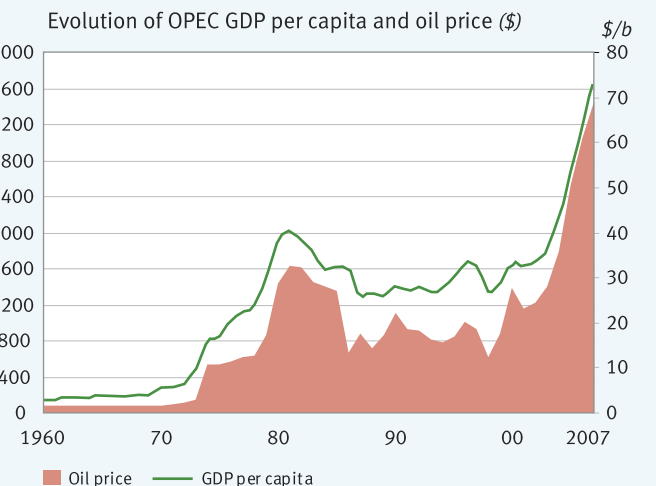
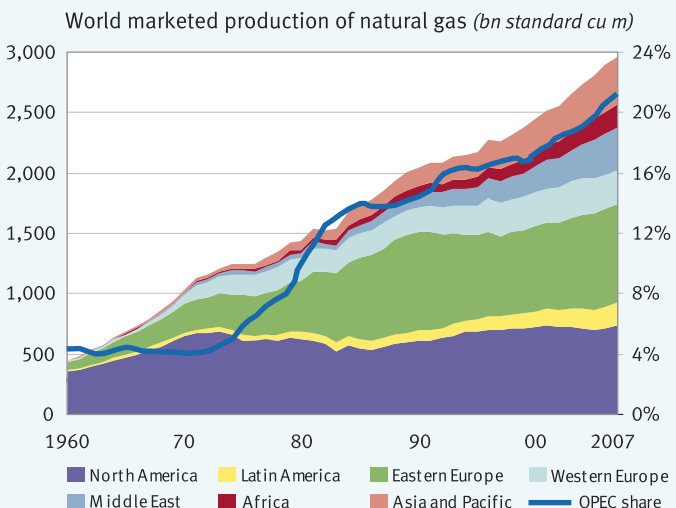
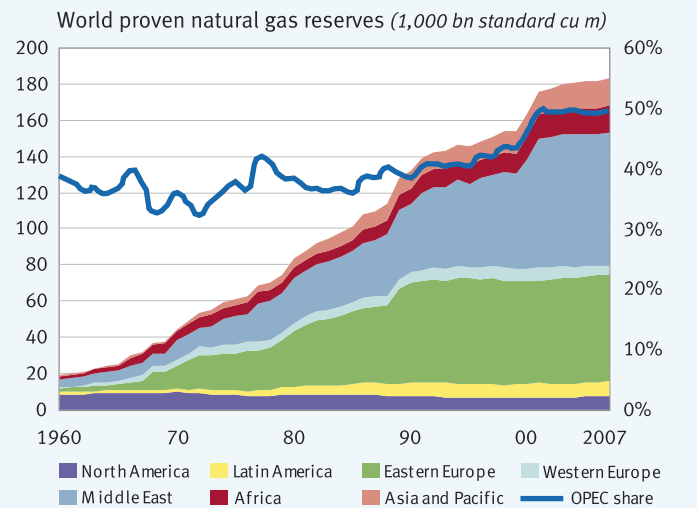
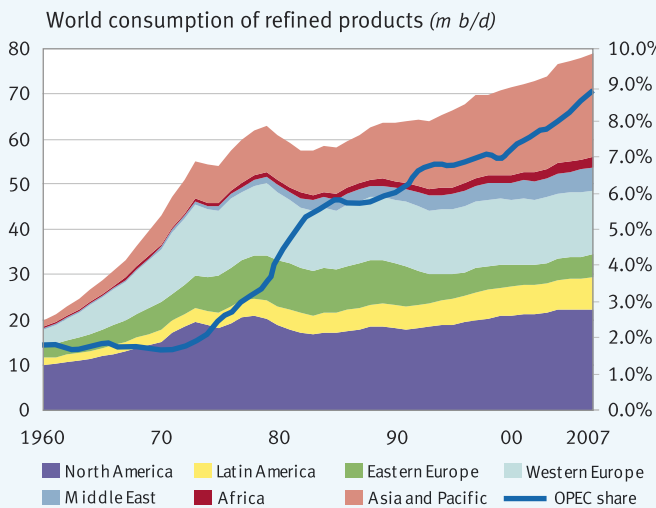
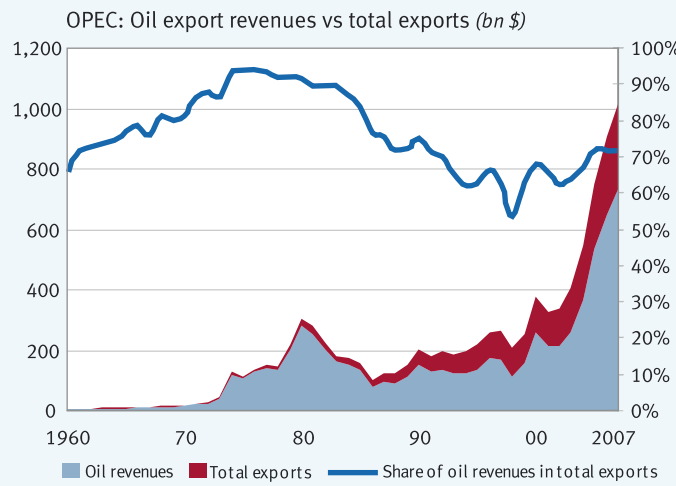
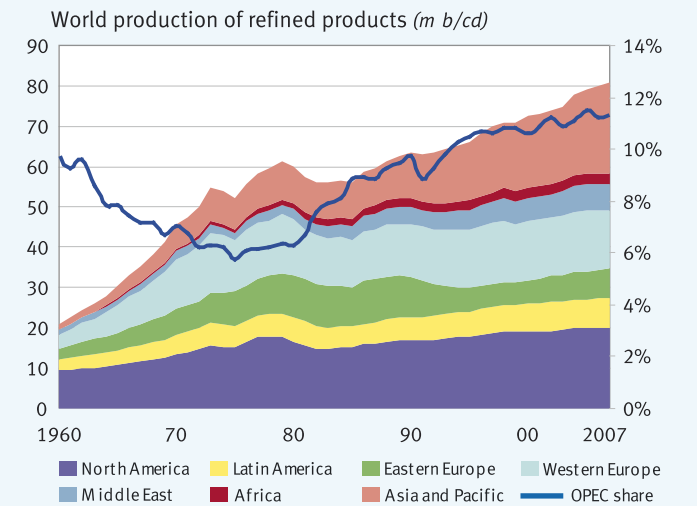
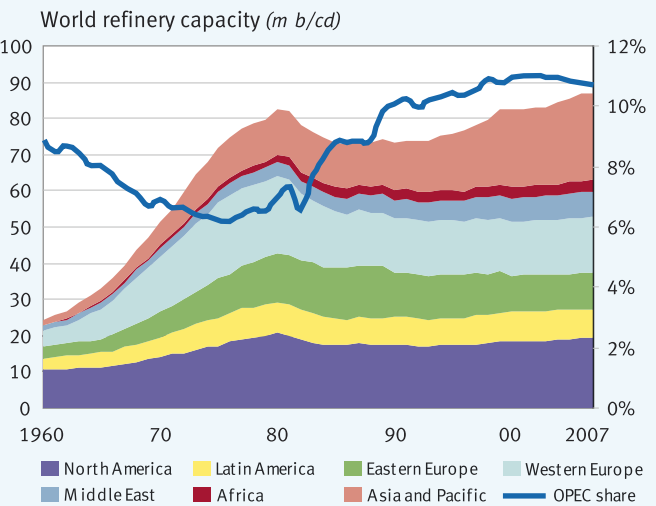
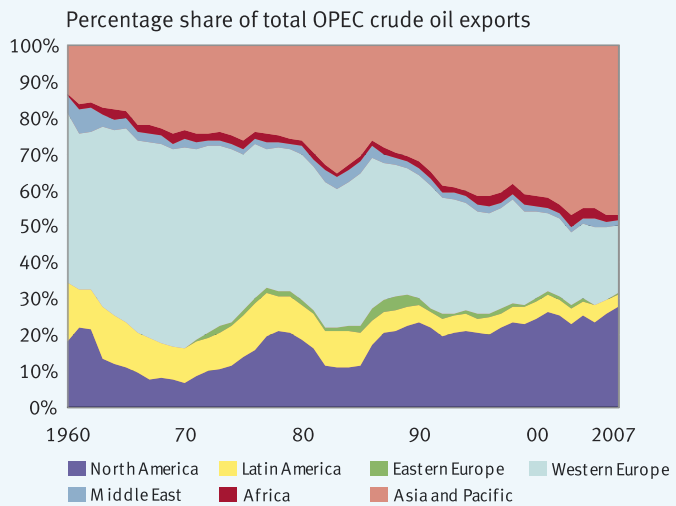
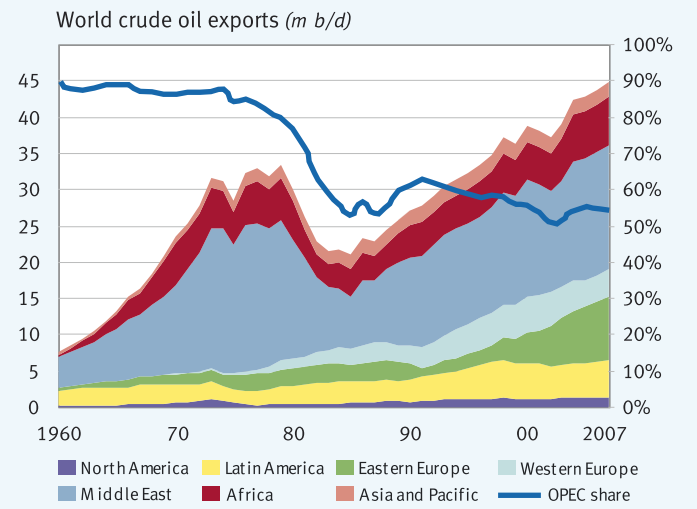
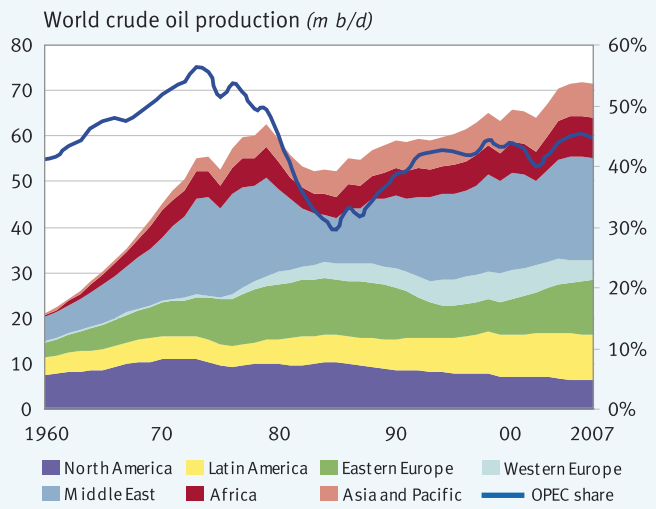
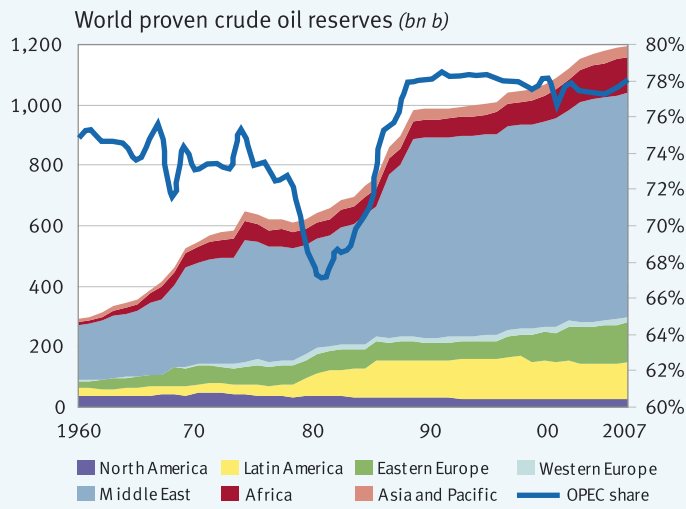
OPEC crude oil production allocations (1,000 b/d)

	Jul 98– Mar 99	Apr 99– Mar 00	Apr 00– Jun 00	Jul 00– Sep 00	1 Oct 00– 30 Oct 00	31 Oct 00– Jan 01	Feb 01– Mar 01	Apr 01– Aug 01	Sep 01– Dec 01	Jan 02– Dec 02	Jan 03	Feb 03– May 03
Algeria	788	731	788	811	837	853	805	773	741	693	735	782
Indonesia	1,280	1,187	1,280	1,317	1,359	1,385	1,307	1,255	1,203	1,125	1,192	1,270
IR Iran	3,318	3,359	–	3,727	3,844	3,917	3,698	3,552	3,406	3,186	3,377	3,597
Iraq	–	–	–	–	–	–	–	–	–	–	–	–
Kuwait	1,980	1,836	1,980	2,037	2,101	2,141	2,021	1,941	1,861	1,741	1,845	1,966
SP Libyan AJ	1,323	1,227	1,323	1,361	1,404	1,431	1,350	1,296	1,242	1,162	1,232	1,312
Nigeria	2,033	1,885	2,033	2,091	2,157	2,198	2,075	1,993	1,911	1,787	1,894	2,018
Qatar	640	593	640	658	679	692	653	627	601	562	596	635
Saudi Arabia	8,023	7,438	8,023	8,253	8,512	8,674	8,189	7,865	7,541	7,053	7,476	7,963
United Arab Emirates	2,157	2,000	2,157	2,219	2,289	2,333	2,201	2,113	2,025	1,894	2,007	2,138
Venezuela	2,845	2,720	2,845	2,926	3,019	3,077	2,902	2,786	2,670	2,497	2,647	2,819
OPEC												
OPEC excl Iraq	24,387	22,976	21,069#	25,400	26,200	26,700	25,201	24,201	23,201	21,700	23,000	24,500
	Jun 03– Oct 03	Nov 03– Mar 04	Apr 04– Jun 04	Jul 04	Aug 04– Oct 04	1 Nov 04– 16 Mar 05	17 Mar 05– 30 Jun 05	Jul 05– Oct 06	Nov 06– Jan 07	Feb 07– Oct 07	Nov 07– Nov 07–	
Algeria	811	782	750	814	830	862	878	894	59	25	na	
Angola	–	–	–	–	–	–	–	–	–	–	–	–
Indonesia	1,317	1,270	1,218	1,322	1,347	1,399	1,425	1,451	39	16	na	
IR Iran	3,729	3,597	3,450	3,744	3,817	3,964	4,037	4,110	176	73	na	
Iraq	–	–	–	–	–	–	–	–	–	–	–	–
Kuwait	2,038	1,966	1,886	2,046	2,087	2,167	2,207	2,247	100	42	na	
SP Libyan AJ	1,360	1,312	1,258	1,365	1,392	1,446	1,473	1,500	72	30	na	
Nigeria	2,092	2,018	1,936	2,101	2,142	2,224	2,265	2,306	100	42	na	
Qatar	658	635	609	661	674	700	713	726	35	15	na	
Saudi Arabia	8,256	7,963	7,638	8,288	8,450	8,775	8,937	9,099	380	158	na	
United Arab Emirates	2,217	2,138	2,051	2,225	2,269	2,356	2,400	2,444	101	42	na	
Venezuela	2,923	2,819	2,704	2,934	2,992	3,107	3,165	3,223	138	57	na	
OPEC												
OPEC excl Angola & Iraq	25,400	24,500	23,500	25,500	26,000	27,000	27,500	28,000	1,200	500	500	
Target									26,300	25,800	27,253	

- 25/ 105th Meeting of the OPEC Conference, June 24, 1998. Iraq is not called upon to participate in this agreement.
- 26/ 107th Meeting of the OPEC Conference, March 23, 1999. Reaffirmed strong commitment to the agreement at the 108th Meeting of the OPEC Conference, September 22, 1999. Iraq is not called upon to participate in this agreement.
- 27/ 109th Meeting of the OPEC Conference, March 27–29, 2000. Agreement of nine Member Countries.
- 28/ 110th (Extraordinary) Meeting of the OPEC Conference, June 21, 2000. Iraq is not called upon to participate in this agreement.
- 29/ 111th Meeting of the OPEC Conference, September 10–11, 2000. Iraq is not called upon to participate in this agreement.
- 30/ 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.
- 31/ 113th (Extraordinary) Meeting of the OPEC Conference, January 17, 2001. Iraq is not called upon to participate in this agreement.
- 32/ 114th Meeting of the OPEC Conference, March 16–17, 2001. Retained at the 115th (Extraordinary) and 116th (Extraordinary) Meeting of the OPEC Conference, June 5 and July 3, 2001, respectively. Iraq is not called upon to participate in this agreement.
- 33/ OPEC Conference, July 25, 2001. Retained at the 117th Meeting of the OPEC Conference, September 26–27, 2001. Iraq is not called upon to participate in this agreement.
- 34/ 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. Retained at the 119th (Extraordinary), 120th (Extraordinary) and 121st Meeting of the OPEC Conference, March 15, June 26 and September 19, 2002, respectively. Iraq is not called upon to participate in this agreement.
- 35/ 122th (Extraordinary) Meeting of the OPEC Conference, December 12, 2002. Iraq is not called upon to participate in this agreement.
- 36/ 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.
- 37/ Consultative Meeting of the OPEC Conference, April 24, 2003. Retained at the 125th (Extraordinary) and 126th (Extraordinary) Meeting of the OPEC Conference, June 11 and July 31, 2003, respectively. Iraq is not called upon to participate in this agreement.
- 38/ 127th Meeting of the OPEC Conference, September 24, 2003. Retained at the 128th (Extraordinary) and 129th (Extraordinary) Meeting of the OPEC Conference, December 4, 2003, and February 10, 2004, respectively. Iraq is not called upon to participate in this agreement.
- 39/ 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.
- 40/ 131st (Extraordinary) Meeting of the OPEC Conference, June 3, 2004. Iraq is not called upon to participate in this agreement.
- 41/ 131st (Extraordinary) Meeting of the OPEC Conference, June 3, 2004. Iraq is not called upon to participate in this agreement.
- 42/ 132nd Meeting of the OPEC Conference, September 15, 2004. Iraq is not called upon to participate in this agreement. During the 133rd (Extraordinary) Meeting of the OPEC Conference, December 10, 2004, Member Countries agreed to collectively reduce the over-production by 1m b/d from their current actual output, effective January 1, 2005. Agreement of 132nd Meeting has been retained at the 134th (Extraordinary) Meeting of the OPEC Conference, January 30, 2005.
- 43/ 135th Meeting of the OPEC Conference, March 16, 2005. Iraq is not called upon to participate in this agreement. The President of the Conference is authorized, after consultation with fellow Heads of Delegation, to announce an additional 500,000 b/d increase, until its next Meeting, if prices remain at current high levels or continue to further rise.
- 44/ 136th (Extraordinary) Meeting of the OPEC Conference, June 15, 2005. Iraq is not called upon to participate in this agreement. The President of the Conference is authorized, after consultation with fellow Heads of Delegation, to announce an additional 500,000 b/d increase, until its next Meeting, if prices remain at current high levels or continue to further rise. The 137th OPEC Conference, September 20, 2005, agreed to make available to the market the spare capacity of 2m b/d, should it be called for, for a period of three months, starting October 1, 2005. The 138th (December 12, 2005), the 139th (Extraordinary) (January 31, 2006), the 140th (March 8, 2006) and the 141st (Extraordinary) (June 1, 2006) Meeting of the OPEC Conference retained the OPEC-10 production level of 28m b/d as agreed on June 15, 2005.
- 45/ Consultative Meeting of the OPEC Conference, October 19–20, 2006. Data reflect interim production cuts from OPEC excluding Iraq production in September 2006 (27.5m b/d) to achieve 26.3m b/d. Iraq is not called upon to participate in this agreement.
- 46/ 143rd (Extraordinary) Meeting of the OPEC Conference, December 14, 2006. Data reflect a further production cut (to achieve 25.8m b/d) to the decision taken in Doha, October 19–20, 2006. Iraq is not called upon to participate in this agreement.
- 47/ 145th Meeting of the OPEC Conference, September 11, 2007. Angola and Iraq are not called upon to participate in this agreement. Data reflect production increase of 500,000 b/d for OPEC excluding Angola and Iraq to achieve 27.253m b/d.

Summary





OPEC Members' facts and figures, 2007

	Algeria	Angola	Ecuador	Indo- nesia	Iran	Iraq	Kuwait	Libya	Nigeria	Qatar	Saudi Arabia	UAE	Vene- zuela	OPEC
Population														
<i>million inhabitants</i>	33.51	17.03	13.56	225.55	70.38	29.03	2.86	6.16	148.16	0.85	24.29	4.40	27.46	603.23
Land area														
<i>1,000 sq km</i>	2,382	1,247	281	1,904	1,648	438	18	1,760	924	11	2,150	84	916	13,763
GDP per capita														
<i>dollars</i>	4,037	3,602	3,282	1,919	4,179	1,935	38,925	9,260	1,126	75,426	15,478	43,803	8,416	3,685
GDP at market prices														
<i>billion \$</i>	135.27	61.36	44.49	432.94	294.09	56.18	111.34	57.06	166.78	63.87	376.03	192.60	231.06	2,223.07
Value of exports														
<i>billion \$</i>	59.48	42.85	13.85	118.73	82.90	38.11	61.43	40.47	61.50	37.95	229.99	156.63	69.53	1,013.43
Value of imports														
<i>billion \$</i>	25.72	15.08	12.59	93.09	53.73	24.81	19.40	16.06	38.03	22.04	88.04	127.01	44.46	580.05
Current account balance														
<i>billion \$</i>	32.48	14.23	1.46	11.01	23.86	6.85	52.73	19.58	18.00	5.45	95.30	31.57	21.78	334.30
Value of petroleum exports														
<i>billion \$</i>	44.25	42.00	8.28	15.70	64.90	37.30	60.02	39.80	57.90	27.80	206.48	74.55	51.45	730.43
Proven crude oil reserves														
<i>billion barrels</i>	12.20	9.04	4.66	3.99	136.15	115.00	101.50	43.66	36.22	15.21	264.21	97.80	99.38	939.02
Natural gas reserves														
<i>billion cu m</i>	4,504	270	9	3,002	28,080	3,170	1,780	1,540	5,215	25,257	7,305	6,072	4,838	91,043
Crude oil production														
<i>1,000 b/d</i>	1,372	1,695	511	838	4,031	2,184	2,575	1,674	2,059	845	8,816	2,529	2,950	32,077
Natural gas marketed production														
<i>billion cu m</i>	84.83	0.83	0.26	68.26	111.90	1.46	12.06	15.28	34.10	59.80	74.42	50.29	26.50	540.00
Crude distillation capacity														
<i>1,000 b/cd</i>	475	39	188	1,051	1,474	639	936	380	445	80	2,130	466	1,042	9,345
Consumption of refined products														
<i>1,000 b/d</i>	270	59	177	1,136	1,661	584	272	260	265	100	1,399	224	581	6,987
Crude oil exports														
<i>1,000 b/d</i>	1,253	1,158	342	319	2,467	1,643	1,613	1,378	2,144	615	6,962	2,343	2,116	24,352
Exports of refined products														
<i>1,000 b/d</i>	451.3	26.6	40.0	106.9	388.3	65.6	739.1	183.1	53.4	73.9	1,138.8	407.7	638.8	4,313.6
Natural gas exports														
<i>billion cu m</i>	58.91	–	–	32.60	6.02	–	–	9.05	21.20	39.30	–	7.55	–	174.629
Exchange rate														
<i>national currency/\$</i>	69.3	76.7	1.0	9,143.4	9,281.2	1,255.0	0.3	1.3	125.8	3.6	3.7	3.7	2,147.0	

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

Table 2

Summary

OPEC Members' mid-year population, 1987–2007 (1,000 inhabitants)

	1987	1988	1989	1990	1991	1992	1993
Algeria	23,446	24,095	24,700	25,324	25,942	26,581	27,299
Angola	9,767	10,000	10,250	10,534	10,858	11,217	11,593
Ecuador	9,568	9,804	10,040	10,272	10,503	10,736	10,965
Indonesia	168,990	171,994	175,063	178,232	181,320	184,322	187,232
IR Iran	50,662	51,909	53,187	54,496	55,837	56,656	57,488
Iraq	17,127	17,554	18,011	18,515	19,068	19,666	20,301
Kuwait	1,885	1,969	2,055	2,141	1,363	1,422	1,461
SP Libyan AJ	4,084	4,180	4,272	4,364	4,456	4,549	4,643
Nigeria	86,466	89,055	91,722	94,454	97,247	100,103	103,018
Qatar	410	431	451	467	482	493	504
Saudi Arabia	13,118	13,774	14,463	15,187	15,947	16,948	17,277
United Arab Emirates	1,582	1,674	1,769	1,867	1,967	2,070	2,180
Venezuela	18,061	18,542	19,025	19,735	20,197	20,659	21,121
OPEC	405,166	414,981	425,008	435,588	445,187	455,422	465,082
	1994	1995	1996	1997	1998	1999	2000
Algeria	27,800	28,060	28,566	29,045	29,507	30,170	30,610
Angola	11,965	12,317	12,644	12,953	13,257	13,578	13,930
Ecuador	11,186	11,397	11,591	11,773	11,948	12,121	12,299
Indonesia	190,043	192,750	195,457	198,163	200,867	203,568	206,265
IR Iran	58,331	59,187	60,055	60,994	61,842	62,513	63,515
Iraq	20,959	21,632	22,317	23,013	23,709	24,392	25,051
Kuwait	1,620	1,881	2,016	2,153	2,238	2,274	2,228
SP Libyan AJ	4,737	4,833	4,930	5,030	5,133	5,238	5,346
Nigeria	105,988	109,010	112,079	115,193	118,348	121,542	124,773
Qatar	514	526	539	553	569	590	617
Saudi Arabia	17,701	18,136	18,581	19,037	19,504	19,983	20,474
United Arab Emirates	2,299	2,432	2,577	2,734	2,900	3,072	3,247
Venezuela	21,583	22,043	22,502	22,959	23,413	23,867	24,311
OPEC	474,726	484,204	493,854	503,600	513,235	522,908	532,666
	2001	2002	2003	2004	2005	2006	2007
Algeria	31,040	31,357	31,840	32,081	32,906	33,133	33,506
Angola	14,318	14,737	15,180	15,635	16,095	16,557	17,032
Ecuador	12,476	12,654	12,831	13,009	13,186	13,371	13,555
Indonesia	209,014	211,817	214,674	217,588	220,558	223,042	225,554
IR Iran	64,583	65,657	66,680	67,656	68,588	69,477	70,378
Iraq	25,687	26,301	26,891	27,456	27,996	28,506	29,025
Kuwait	2,243	2,363	2,484	2,645	2,700	2,779	2,860
SP Libyan AJ	5,456	5,568	5,683	5,799	5,918	6,039	6,162
Nigeria	128,039	131,336	134,659	138,001	141,356	144,720	148,164
Qatar	649	687	727	764	796	821	847
Saudi Arabia	20,976	21,491	22,019	22,529	23,119	23,679	24,294
United Arab Emirates	3,424	3,603	3,779	3,947	4,104	4,248	4,397
Venezuela	24,766	25,220	25,674	26,127	26,704	27,005	27,456
OPEC	542,671	552,791	563,121	573,237	584,026	593,377	603,231

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

OPEC Members' GDP at current market prices, 1987–2007 (*m* \$)

	1987	1988	1989	1990	1991	1992	1993
Algeria	64,609	56,736	54,930	62,031	45,723	47,853	49,713
Angola	7,400	8,027	9,338	10,278	9,963	7,682	5,575
Ecuador	9,095	9,094	9,523	10,351	11,343	11,991	15,057
Indonesia	62,119	71,838	86,116	101,118	119,869	135,419	158,139
IR Iran	133,076	122,232	119,597	117,481	119,124	107,335	73,766
Iraq	28,252	30,266	28,932	13,982	4,245	5,481	4,347
Kuwait	22,368	20,690	24,314	18,399	11,011	20,136	24,197
SP Libyan AJ	21,068	23,778	25,167	28,944	32,016	33,926	30,698
Nigeria	21,912	24,311	23,487	31,480	28,337	25,522	15,790
Qatar	5,446	6,038	6,488	7,360	6,884	7,646	7,157
Saudi Arabia	85,696	88,256	95,344	116,778	131,336	136,304	132,151
United Arab Emirates	23,799	24,190	27,922	35,985	33,193	33,488	36,721
Venezuela	46,860	60,380	38,847	48,413	53,430	60,473	59,894
OPEC	531,699	545,834	550,005	602,599	606,473	633,256	613,205
	1994	1995	1996	1997	1998	1999	2000
Algeria	41,978	40,723	45,534	47,792	47,387	48,258	53,435
Angola	4,060	5,066	6,535	7,675	6,506	6,153	9,135
Ecuador	18,573	20,196	21,268	23,636	23,255	16,674	15,934
Indonesia	176,824	202,066	227,339	218,989	97,483	139,532	165,573
IR Iran	105,878	104,763	107,455	100,877	117,861	104,656	96,440
Iraq	3,621	4,000	5,556	10,261	10,572	17,477	26,017
Kuwait	24,995	27,186	31,491	30,349	25,941	30,126	37,018
SP Libyan AJ	29,142	25,557	27,886	30,705	27,262	30,490	34,612
Nigeria	18,086	36,945	46,020	35,386	32,749	35,943	46,138
Qatar	7,374	8,138	9,059	11,298	10,255	12,393	17,736
Saudi Arabia	134,327	142,458	157,743	164,994	145,967	160,957	188,442
United Arab Emirates	37,439	40,726	48,006	51,216	48,514	55,181	70,370
Venezuela	58,490	77,588	70,704	86,021	91,505	98,139	117,325
OPEC	660,788	735,412	804,596	819,199	685,256	755,978	878,175
	2001	2002	2003	2004	2005	2006	2007
Algeria	54,643	55,907	56,221	84,158	102,439	114,691	135,268
Angola	8,936	11,386	13,956	19,800	30,632	45,167	61,356
Ecuador	21,250	24,899	28,636	32,642	37,187	41,402	44,489
Indonesia	164,517	198,927	238,443	255,722	285,856	364,379	432,944
IR Iran	115,435	115,234	132,251	158,828	187,438	222,128	294,089
Iraq	20,342	20,962	15,282	31,972	42,667	51,578	56,178
Kuwait	34,076	38,137	47,830	59,267	83,828	101,975	111,339
SP Libyan AJ	30,068	20,409	24,652	31,799	42,844	49,718	57,064
Nigeria	43,847	58,331	66,808	86,949	112,248	146,889	166,778
Qatar	17,717	19,680	23,669	28,412	42,055	56,770	63,870
Saudi Arabia	183,012	188,551	214,573	250,339	315,337	348,673	376,029
United Arab Emirates	69,390	74,332	87,657	103,215	133,000	163,296	192,603
Venezuela	123,081	93,051	83,648	113,082	144,490	184,715	231,064
OPEC	886,315	919,805	1,033,626	1,256,185	1,560,021	1,891,381	2,223,071

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

Table 4

Summary

OPEC Members' values of exports, 1987–2007 (m \$)

	1987	1988	1989	1990	1991	1992	1993
Algeria	9,470	8,429	10,222	14,707	13,313	12,147	10,864
Angola	2,302	2,520	2,984	3,883	3,449	3,833	2,901
Ecuador	1,928	2,193	2,354	2,724	2,851	3,102	3,066
Indonesia	17,206	19,509	22,974	26,807	29,635	33,796	36,607
IR Iran	11,916	10,709	13,081	19,305	18,661	19,868	18,080
Iraq	9,705	9,609	12,284	10,314	377	518	457
Kuwait	8,264	7,758	11,476	7,042	1,088	6,572	10,246
SP Libyan AJ	7,986	6,673	8,034	13,225	11,234	10,793	8,140
Nigeria	7,560	6,877	7,844	13,673	12,264	11,886	11,590
Qatar	1,985	2,210	2,687	3,529	3,047	3,736	3,181
Saudi Arabia	23,199	24,376	28,383	44,416	47,697	50,287	42,395
United Arab Emirates	12,765	12,250	17,596	23,544	24,436	24,756	23,640
Venezuela	10,437	10,082	12,915	17,444	14,968	13,988	14,586
OPEC	124,722	123,195	152,834	200,612	183,020	195,281	185,752
	1994	1995	1996	1997	1998	1999	2000
Algeria	9,946	11,178	14,066	14,657	11,090	12,522	21,651
Angola	3,018	3,592	4,922	4,892	3,454	5,283	7,703
Ecuador	3,843	4,411	4,873	5,264	4,203	4,451	4,927
Indonesia	40,222	47,454	50,188	56,297	50,370	51,242	65,407
IR Iran	19,434	18,360	22,391	18,381	13,118	21,030	28,345
Iraq	453	496	731	4,602	5,500	13,067	20,380
Kuwait	11,260	12,780	14,889	14,222	9,553	12,165	19,436
SP Libyan AJ	9,120	8,510	10,155	9,576	6,032	7,961	12,716
Nigeria	11,319	12,248	16,142	16,525	11,346	13,227	26,449
Qatar	3,146	3,481	3,752	3,791	4,880	7,061	11,409
Saudi Arabia	42,614	50,041	60,728	60,732	38,822	50,689	77,481
United Arab Emirates	27,390	29,176	33,613	34,014	31,059	36,495	49,835
Venezuela	15,905	18,842	23,414	23,871	17,707	20,963	33,529
OPEC	197,669	220,570	259,863	266,825	207,134	256,157	379,267
	2001	2002	2003	2004	2005	2006	2007
Algeria	19,132	18,820	24,105	32,324	45,631	53,221	59,480
Angola	6,380	8,328	9,508	13,475	24,109	31,862	42,850
Ecuador	4,678	5,036	6,223	7,753	10,100	12,728	13,852
Indonesia	57,365	59,165	64,109	71,785	86,179	103,486	118,728
IR Iran	23,904	28,186	33,991	44,403	60,012	75,537	82,900
Iraq	16,510	13,250	7,990	18,490	19,773	28,412	38,109
Kuwait	16,212	15,351	20,675	28,729	45,011	57,266	61,427
SP Libyan AJ	11,337	9,882	13,761	17,333	28,885	37,457	40,471
Nigeria	17,688	18,573	24,047	35,050	50,168	55,700	61,500
Qatar	10,691	10,756	13,175	18,426	25,339	34,051	37,952
Saudi Arabia	67,973	72,464	93,244	125,998	180,572	211,306	229,990
United Arab Emirates	48,414	52,163	67,135	90,638	115,453	139,353	156,634
Venezuela	26,667	26,781	27,230	39,668	55,716	65,210	69,534
OPEC	326,952	338,755	405,193	544,072	746,948	905,589	1,013,427

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

OPEC Members' values of petroleum exports, 1987–2007 (*m \$*)

	1987	1988	1989	1990	1991	1992	1993
Algeria	6,555	5,725	6,815	9,588	8,464	7,885	6,902
Angola	2,121	2,199	2,711	3,670	3,288	3,418	2,741
Ecuador	724	977	1,147	1,408	1,152	1,345	1,257
Indonesia	6,157	5,042	6,062	7,404	6,714	6,619	5,693
IR Iran	9,400	8,419	11,315	16,831	15,276	15,184	12,773
Iraq	9,416	9,312	11,876	9,594	351	482	425
Kuwait	7,523	6,840	10,432	6,385	874	6,221	9,711
SP Libyan AJ	6,293	6,070	6,573	10,715	10,211	9,326	7,689
Nigeria	7,024	6,267	7,470	13,265	11,792	11,642	10,859
Qatar	1,829	1,709	1,955	3,273	2,828	2,870	2,811
Saudi Arabia	20,427	20,205	24,095	40,129	43,607	46,527	38,621
United Arab Emirates	7,900	7,627	10,215	14,846	14,356	14,251	12,118
Venezuela	8,927	8,023	9,862	13,912	12,119	11,014	10,855
OPEC	94,296	88,415	110,528	151,020	131,031	136,784	122,454

	1994	1995	1996	1997	1998	1999	2000
Algeria	6,335	6,938	8,826	8,352	5,691	8,314	14,204
Angola	2,709	3,460	4,910	4,539	3,030	4,539	7,059
Ecuador	1,305	1,530	1,749	1,558	923	1,479	2,442
Indonesia	6,005	6,443	7,228	6,783	4,057	5,435	7,742
IR Iran	13,576	14,973	19,441	15,553	10,048	16,098	25,443
Iraq	421	461	680	4,280	5,111	12,104	19,771
Kuwait	10,459	12,054	14,132	13,468	8,472	11,026	18,185
SP Libyan AJ	7,170	7,763	9,543	8,905	5,612	7,734	12,230
Nigeria	11,040	11,512	14,888	14,391	8,754	12,453	20,040
Qatar	2,623	2,987	3,489	3,744	3,357	4,775	7,834
Saudi Arabia	38,138	43,547	54,272	53,343	32,569	44,880	70,866
United Arab Emirates	11,683	12,822	14,980	15,269	11,131	15,021	26,148
Venezuela	11,288	13,517	18,246	17,932	11,824	16,068	26,153
OPEC	122,751	138,007	172,384	168,115	110,579	159,926	258,117

	2001	2002	2003	2004	2005	2006	2007*
Algeria	11,736	12,370	16,476	23,050	32,882	38,342	44,250
Angola	5,774	7,538	8,711	12,579	22,700	28,800	42,000
Ecuador	1,900	2,055	2,607	4,235	5,870	7,544	8,279
Indonesia	6,904	6,535	7,175	7,620	15,186	15,330	15,700
IR Iran	21,420	19,219	26,124	34,289	53,219	59,131	64,901
Iraq	15,685	12,593	7,519	17,751	19,050	27,500	37,300
Kuwait	14,969	14,060	19,005	26,675	42,441	53,178	60,019
SP Libyan AJ	10,875	9,472	13,567	16,850	28,300	36,950	39,800
Nigeria	17,188	17,083	22,184	33,309	47,642	52,523	57,900
Qatar	6,964	6,885	8,814	11,694	17,585	24,290	27,801
Saudi Arabia	59,788	63,815	82,271	110,896	161,784	188,468	206,480
United Arab Emirates	22,414	21,768	25,153	38,099	49,900	69,810	74,552
Venezuela	19,840	18,558	18,551	27,745	39,072	48,391	52,119
OPEC	215,457	211,950	258,156	364,792	535,631	650,258	731,101

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 data excludes border trades. Some countries import substantial amounts of crude and products, resulting in lower net revenue from petroleum operations.

Table 6

Summary

OPEC Members' values of imports, 1987–2007 (*m \$*)

	1987	1988	1989	1990	1991	1992	1993
Algeria	8,241	13,421	15,909	15,469	10,790	11,461	11,549
Angola	1,303	1,372	1,338	1,578	1,347	1,988	1,463
Ecuador	2,158	1,714	1,855	1,865	2,399	2,431	2,562
Indonesia	12,532	13,831	16,310	21,455	24,834	26,773	28,376
IR Iran	12,005	10,608	13,448	18,330	25,190	23,274	19,287
Iraq	7,415	10,268	9,899	6,526	423	603	533
Kuwait	5,495	6,145	6,301	3,972	4,761	7,257	7,038
SP Libyan AJ	4,303	5,868	4,923	5,336	5,363	5,051	5,622
Nigeria	4,465	5,533	4,187	5,627	8,986	8,275	5,537
Qatar	1,134	1,267	1,326	1,695	1,720	2,015	1,891
Saudi Arabia	20,110	21,784	21,153	24,107	29,088	33,273	28,202
United Arab Emirates	7,080	8,522	10,010	11,199	13,746	17,410	19,520
Venezuela	8,870	12,080	7,283	6,807	10,131	12,714	11,390
OPEC	95,110	112,412	113,941	123,965	138,778	152,525	142,970
	1994	1995	1996	1997	1998	1999	2000
Algeria	11,916	12,688	11,135	10,517	10,517	9,164	9,201
Angola	1,454	1,468	2,040	2,597	2,079	3,109	3,040
Ecuador	3,622	4,153	3,932	4,955	5,576	3,017	3,721
Indonesia	32,322	40,921	44,240	46,223	31,942	30,598	40,365
IR Iran	12,617	12,774	14,989	14,123	14,286	13,433	15,207
Iraq	499	665	3,532	4,419	5,983	10,917	13,210
Kuwait	6,697	7,784	8,373	8,246	8,616	7,616	7,156
SP Libyan AJ	4,271	5,147	5,587	5,533	5,600	4,253	4,018
Nigeria	6,613	8,222	6,438	9,501	9,211	10,105	10,553
Qatar	1,927	3,398	2,868	3,322	3,409	2,499	3,248
Saudi Arabia	23,351	28,087	27,765	28,743	30,013	27,995	30,197
United Arab Emirates	21,024	20,984	22,638	29,952	24,728	33,231	35,009
Venezuela	8,346	11,937	9,810	14,917	16,755	14,492	16,865
OPEC	134,659	158,226	163,348	183,048	168,715	170,430	191,790
	2001	2002	2003	2004	2005	2006	2007
Algeria	9,940	11,422	12,916	18,960	20,718	21,340	25,715
Angola	3,179	3,760	5,480	5,832	8,353	11,600	15,080
Ecuador	4,981	6,006	6,254	7,575	9,568	11,280	12,591
Indonesia	34,668	35,652	39,546	50,554	69,408	80,333	93,088
IR Iran	18,194	21,180	27,676	35,207	40,969	49,292	53,728
Iraq	13,832	9,817	9,934	19,954	18,748	21,480	24,809
Kuwait	7,828	9,000	10,985	12,630	17,488	15,960	19,400
SP Libyan AJ	4,425	5,511	6,141	8,735	11,188	13,213	16,058
Nigeria	11,482	13,631	17,193	19,387	25,633	31,126	38,028
Qatar	3,753	4,046	4,891	5,996	10,061	16,441	22,042
Saudi Arabia	31,182	32,290	36,916	47,376	59,463	66,241	88,036
United Arab Emirates	37,293	42,652	52,074	72,072	91,150	97,850	127,010
Venezuela	19,211	13,360	10,483	17,021	23,693	32,498	44,463
OPEC	199,967	208,327	240,490	321,299	406,440	468,653	580,048

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, 1987–2007 (m \$)

	1987	1988	1989	1990	1991	1992	1993
Algeria	141	-2,040	-1,081	1,420	2,367	1,020	362
Angola	447	-469	-132	-236	-580	-735	-669
Ecuador	-1,187	-683	-716	-360	-707	-122	-678
Indonesia	-2,269	-1,552	-1,280	-3,240	-4,392	-3,122	-2,298
IR Iran	-2,090	-1,869	-191	327	-9,448	-6,504	-4,215
Iraq	-4,182	-3,717	-2,872	-2,418	-3,407	-7,076	-8,451
Kuwait	4,561	4,602	9,136	3,886	-26,479	-450	2,499
SP Libyan AJ	-1,036	-1,826	-1,026	2,201	-219	1,407	-1,366
Nigeria	-74	-1,134	1,255	2,474	1,449	-482	-884
Qatar	-132	-261	-4	306	-100	-9	-659
Saudi Arabia	-9,775	-7,341	-9,552	-4,153	-27,637	-17,739	-17,269
United Arab Emirates	4,086	2,533	4,549	5,230	1,634	3,043	3,046
Venezuela	-1,390	-5,809	2,161	8,279	1,736	-3,749	-1,993
OPEC	-12,900	-19,566	247	13,717	-65,782	-34,518	-32,574

	1994	1995	1996	1997	1998	1999	2000
Algeria	-1,820	-2,305	1,190	3,210	-920	300	9,142
Angola	-340	-295	3,266	-884	-1,867	-1,710	796
Ecuador	-681	-765	84	-714	-2,169	935	1,223
Indonesia	-2,961	-6,760	-7,801	-5,202	4,097	5,783	7,992
IR Iran	4,950	3,358	5,232	2,213	-2,139	6,555	12,481
Iraq	-9,128	-10,547	-10,046	-10,130	-12,045	-14,528	-8,169
Kuwait	3,243	5,016	7,107	7,935	2,215	5,010	14,671
SP Libyan AJ	26	1,672	1,238	1,567	-209	2,136	6,270
Nigeria	-2,390	-2,645	3,439	502	-4,315	502	7,015
Qatar	-502	-2,160	-1,246	-1,679	-455	2,171	4,576
Saudi Arabia	-10,487	-5,326	680	306	-13,148	411	14,317
United Arab Emirates	29	108	4,344	5,149	894	897	12,144
Venezuela	2,541	2,014	8,914	3,732	-4,432	2,112	11,853
OPEC	-17,519	-18,635	16,401	6,006	-34,494	10,573	94,311

	2001	2002	2003	2004	2005	2006	2007
Algeria	7,025	4,583	7,030	10,168	18,072	18,545	32,483
Angola	-1,431	-150	-720	686	5,138	10,690	14,225
Ecuador	-624	-1,271	-422	-559	270	1,433	1,460
Indonesia	6,901	7,822	8,156	2,878	277	9,937	11,009
IR Iran	5,985	3,585	816	1,441	16,637	20,650	23,855
Iraq	-15,410	-782	-935	-2,405	1,694	7,096	6,850
Kuwait	8,325	4,263	9,426	18,142	34,308	51,021	52,734
SP Libyan AJ	3,332	694	3,402	4,616	14,945	22,170	19,583
Nigeria	2,171	577	8,152	10,298	25,573	21,500	18,000
Qatar	4,157	3,824	5,754	7,552	7,482	9,459	5,453
Saudi Arabia	9,353	11,873	28,048	49,295	89,990	98,034	95,300
United Arab Emirates	9,597	3,409	7,548	10,590	24,368	35,156	31,570
Venezuela	1,983	7,599	11,796	15,519	25,447	27,149	21,779
OPEC	41,363	46,026	88,052	128,222	264,201	332,840	334,301

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

Table 8

Summary

Annual average exchange rates for OPEC Members, 1987–2007 (*units of national currency/\$*)

	1987	1988	1989	1990	1991	1992	1993
Algeria	4.850	5.915	7.609	8.958	18.473	21.836	23.345
Angola ¹	–	–	–	–	–	–	–
Ecuador ²	170.462	301.611	526.348	767.751	1,046.250	1,533.960	1,919.110
Indonesia	1,643.850	1,685.700	1,770.060	1,842.810	1,950.320	2,029.920	2,087.100
IR Iran ³	71.460	68.683	72.015	68.096	67.505	65.552	1,267.770
Iraq ⁴	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
SP Libyan AJ	0.297	0.286	0.300	0.283	0.281	0.282	0.304
Nigeria ⁵	4.016	4.537	7.365	8.038	9.909	17.298	22.065
Qatar	3.640	3.640	3.640	3.640	3.640	3.640	3.640
Saudi Arabia	3.750	3.750	3.750	3.750	3.750	3.750	3.750
United Arab Emirates	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
	1994	1995	1996	1997	1998	1999	2000
Algeria	35.059	47.663	54.749	57.707	58.739	66.574	75.260
Angola ¹	–	0.003	0.128	0.229	0.393	2.791	10.041
Ecuador ²	2,196.730	2,564.490	3,189.470	3,998.270	5,446.570	11,786.800	25,000.000
Indonesia	2,160.750	2,248.610	2,342.300	2,909.380	10,013.600	7,855.150	8,421.780
IR Iran ³	1,748.750	1,747.930	1,750.760	1,752.920	1,751.860	1,752.930	1,764.430
Iraq ⁴	0.311	0.311	0.311	0.311	0.311	0.311	0.311
Kuwait	0.297	0.298	0.299	0.303	0.305	0.304	0.307
SP Libyan AJ	0.348	0.418	0.437	0.461	0.468	0.464	0.512
Nigeria ⁵	21.996	21.895	21.884	21.886	21.886	92.338	101.697
Qatar	3.640	3.640	3.640	3.640	3.640	3.640	3.640
Saudi Arabia	3.750	3.750	3.750	3.750	3.750	3.750	3.750
United Arab Emirates	3.671	3.671	3.671	3.671	3.673	3.673	3.673
Venezuela	148.442	176.842	417.333	488.635	547.556	605.717	679.960
	2001	2002	2003	2004	2005	2006	2007
Algeria	77.215	79.682	77.395	72.061	73.276	72.647	69.292
Angola ¹	22.058	43.530	74.606	83.541	87.159	80.368	76.706
Ecuador ²	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Indonesia	10,260.900	9,311.190	8,577.130	8,938.850	9,704.740	9,159.320	9,143.360
IR Iran ³	1,753.560	6,906.960	8,193.890	8,613.990	8,963.960	9,170.940	9,281.150
Iraq ⁴	0.311	0.311	n.a.	1,453.420	1,472.000	1,467.420	1,255.000
Kuwait	0.307	0.304	0.298	0.295	0.292	0.290	0.284
SP Libyan AJ	0.605	1.271	1.293	1.305	1.308	1.314	1.263
Nigeria ⁵	111.231	120.578	129.222	132.888	131.274	128.652	125.808
Qatar	3.640	3.640	3.640	3.640	3.640	3.640	3.640
Saudi Arabia	3.750	3.750	3.750	3.750	3.747	3.745	3.748
United Arab Emirates	3.673	3.673	3.673	3.673	3.673	3.673	3.673
Venezuela	723.666	1,160.950	1,606.960	1,891.330	2,089.750	2,147.000	2,147.000

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

1. Data prior to 1995 are not comparable to current exchange rates definitions due to several re-adjustments of exchange rate units.
2. In 2000, the Ecuadorian Congress approved a new exchange rate system, whereby the US dollar was adopted as the main legal tender.
3. In May 1995, a rate of \$1 = IR 3000 was introduced applicable to exports. Starting from March 2002, a unified exchange rate has replaced the dual foreign exchange rate system.
4. The parallel market rate was 1,100 ID/\$ in 1995; 2,500 ID/\$ in 1996; 2,300 ID/\$ in 1997; 2,200 ID/\$ in 1998; 2,100 ID/\$ in 1999; 2,000 ID/\$ in 2000; 1,900 ID/\$ in 2001; 2,000 ID/\$ in 2002; and 2,100 ID/\$ in 2003. On October 15, 2003 the new national currency known as the 'new Iraqi dinar' replaced the 'old dinar'.
5. The autonomous market rate was 82.3 N/\$ in 1995; 81 N/\$ in 1996; 83.5 N/\$ in 1997; and 85.25 N/\$ in 1998. In January 1999, the dual exchange rate system was abolished.

OPEC proven crude oil reserves, 1987–2007 (m b)

	1987	1988	1989	1990	1991	1992	1993
Algeria	8,564	9,200	9,236	9,200	9,200	9,200	9,200
Angola	2,000	2,000	2,074	1,625	1,450	1,334	1,901
Ecuador	1,594	1,515	1,442	1,355	1,524	3,240	3,660
Indonesia	9,000	9,000	5,114	5,415	5,909	5,598	5,167
IR Iran	92,860	92,860	92,860	92,850	92,860	92,860	92,860
Iraq	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
SP Libyan AJ	22,800	22,800	22,800	22,800	22,800	22,800	22,800
Nigeria	15,980	16,000	16,000	17,100	20,000	20,991	20,991
Qatar	4,500	4,500	4,500	2,993	2,993	3,121	3,121
Saudi Arabia	169,585	254,989	260,050	260,342	260,936	261,203	261,355
United Arab Emirates	98,105	98,105	98,105	98,100	98,100	98,100	98,100
Venezuela	58,101	58,505	59,040	60,054	62,649	63,330	64,448
OPEC	677,614	763,999	768,346	768,859	774,921	778,276	780,102

	1994	1995	1996	1997	1998	1999	2000
Algeria	9,979	9,979	10,800	11,200	11,314	11,314	11,314
Angola	2,965	3,125	3,695	3,900	4,030	5,050	5,972
Ecuador	3,491	3,385	3,453	3,674	4,102	4,428	4,566
Indonesia	4,980	4,980	4,980	4,867	5,100	5,201	5,123
IR Iran	94,300	93,700	92,600	92,600	93,700	93,100	99,530
Iraq	100,000	100,000	112,000	112,500	112,500	112,500	112,500
Kuwait	96,500	96,500	96,500	96,500	96,500	96,500	96,500
SP Libyan AJ	22,800	29,500	29,500	29,500	29,500	29,500	36,000
Nigeria	20,991	20,828	20,828	20,828	22,500	29,000	29,000
Qatar	3,500	3,700	3,700	3,700	3,700	3,700	13,157
Saudi Arabia	261,374	261,450	261,444	261,541	261,542	262,784	262,766
United Arab Emirates	98,100	98,100	97,800	97,800	97,800	97,800	97,800
Venezuela	64,877	66,329	72,667	74,931	76,108	76,848	76,848
OPEC	783,856	791,576	809,967	813,541	818,396	827,725	851,076

	2001	2002	2003	2004	2005	2006	2007
Algeria	11,314	11,314	11,800	11,350	12,270	12,200	12,200
Angola	6,500	8,900	8,801	9,035	9,035	9,035	9,035
Ecuador	4,630	5,060	5,060	5,060	4,866	4,664	4,664
Indonesia	5,095	4,722	4,320	4,301	4,440	4,370	3,990
IR Iran	99,080	130,690	133,250	132,460	136,270	138,400	136,150
Iraq	115,000	115,000	115,000	115,000	115,000	115,000	115,000
Kuwait	96,500	96,500	99,000	101,500	101,500	101,500	101,500
SP Libyan AJ	36,000	36,000	39,126	39,126	41,464	41,464	43,663
Nigeria	31,506	34,349	35,255	35,876	36,220	36,220	36,220
Qatar	15,207	15,207	15,207	15,207	15,207	15,207	15,207
Saudi Arabia	262,697	262,790	262,730	264,310	264,211	264,251	264,209
United Arab Emirates	97,800	97,800	97,800	97,800	97,800	97,800	97,800
Venezuela	77,685	77,307	77,226	79,729	80,012	87,324	99,377
OPEC	859,014	895,639	904,575	910,754	918,295	927,435	939,016

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

Table 10

Summary

World proven crude oil reserves by region, 1987–2007 (*m b*)

	1987	1988	1989	1990	1991	1992	1993
North America	33,169	32,959	32,401	31,839	29,974	28,838	27,993
Latin America	121,915	121,957	121,499	122,746	125,506	130,183	131,362
Eastern Europe	60,706	60,139	59,991	58,918	58,875	58,629	58,371
Western Europe	17,126	16,626	16,241	16,863	16,980	17,835	17,785
Middle East	566,768	655,830	663,348	662,019	662,461	663,307	663,485
Africa	57,290	57,815	58,073	58,599	59,943	60,842	60,906
Asia and Pacific	37,895	38,049	33,452	34,047	35,030	35,160	36,260
Total world	894,870	983,372	985,004	985,031	988,768	994,793	996,161
OPEC	677,614	763,999	768,346	768,859	774,921	778,276	780,102
<i>OPEC percentage</i>	75.7	77.7	78.0	78.1	78.4	78.2	78.3

	1994	1995	1996	1997	1998	1999	2000
North America	27,356	27,245	26,856	27,477	25,911	26,469	26,901
Latin America	131,340	132,473	138,792	140,886	123,836	125,714	122,233
Eastern Europe	58,362	58,361	69,670	70,686	91,222	94,723	94,990
Western Europe	19,601	21,116	18,916	19,005	18,233	18,557	19,017
Middle East	665,766	665,394	675,946	676,600	677,606	678,537	694,579
Africa	63,636	70,972	73,542	73,862	76,222	84,303	93,380
Asia and Pacific	35,702	35,539	35,678	36,660	38,789	38,903	39,521
Total world	1,001,762	1,011,100	1,039,400	1,045,176	1,051,820	1,067,204	1,090,620
OPEC	783,856	791,576	809,967	813,541	818,396	827,725	851,076
<i>OPEC percentage</i>	78.2	78.3	77.9	77.8	77.8	77.6	78.0

	2001	2002	2003	2004	2005	2006	2007
North America	27,101	27,167	26,954	26,243	26,579	26,699	25,914
Latin America	124,584	117,528	117,045	118,700	118,141	123,717	134,691
Eastern Europe	114,614	118,350	121,954	124,451	128,597	129,056	129,049
Western Europe	19,251	18,081	17,656	16,910	16,716	15,372	15,110
Middle East	698,638	730,102	735,083	739,136	742,688	743,858	741,566
Africa	96,892	102,064	112,345	113,264	117,458	117,572	119,572
Asia and Pacific	40,742	38,441	38,442	38,763	39,000	38,857	38,282
Total world	1,121,822	1,151,734	1,169,480	1,177,466	1,189,178	1,195,130	1,204,182
OPEC	859,014	895,639	904,575	910,754	918,295	927,435	939,016
<i>OPEC percentage</i>	76.6	77.8	77.3	77.3	77.2	77.6	78.0

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

OPEC proven natural gas reserves, 1987–2007 (billion standard cu m)

	1987	1988	1989	1990	1991	1992	1993
Algeria	3,163	3,234	3,250	3,300	3,626	3,650	3,700
Angola	54	49	51	50	49	51	48
Ecuador	105	106	107	111	110	109	108
Indonesia	2,367	2,561	2,553	2,864	1,840	1,820	1,820
IR Iran	13,922	14,200	17,000	17,003	19,800	20,700	20,700
Iraq	1,000	2,690	3,115	3,107	3,100	3,100	3,100
Kuwait	1,205	1,378	1,400	1,518	1,500	1,485	1,498
SP Libyan AJ	727	827	1,218	1,208	1,309	1,299	1,289
Nigeria	2,407	2,476	2,832	2,840	3,400	3,716	3,683
Qatar	4,440	4,621	4,620	4,615	6,428	7,079	7,100
Saudi Arabia	4,190	5,020	5,218	5,223	5,221	5,249	5,249
United Arab Emirates	5,684	5,663	5,650	5,623	5,793	5,795	5,795
Venezuela	2,838	2,856	2,993	3,429	3,582	3,693	3,693
OPEC	42,102	45,681	50,006	50,890	55,757	57,746	57,783

	1994	1995	1996	1997	1998	1999	2000
Algeria	2,963	3,690	3,700	4,077	4,077	4,520	4,523
Angola	51	49	49	46	48	60	269
Ecuador	107	106	105	103	102	29	10
Indonesia	1,820	1,950	2,050	2,152	2,181	2,620	2,682
IR Iran	20,764	19,350	23,000	23,000	24,100	22,370	26,600
Iraq	3,115	3,360	3,360	3,188	3,188	3,285	3,109
Kuwait	1,499	1,494	1,489	1,490	1,482	1,482	1,557
SP Libyan AJ	1,310	1,313	1,313	1,315	1,315	1,314	1,314
Nigeria	3,450	3,474	3,475	3,483	3,512	3,512	4,106
Qatar	8,500	8,500	8,500	8,500	10,900	11,157	14,443
Saudi Arabia	5,260	5,545	5,693	5,882	6,068	6,146	6,301
United Arab Emirates	6,777	5,859	5,784	6,063	5,996	5,936	6,060
Venezuela	3,965	4,065	4,052	4,121	4,147	4,152	4,152
OPEC	59,581	58,754	62,570	63,420	67,116	66,583	75,126

	2001	2002	2003	2004	2005	2006	2007
Algeria	4,523	4,523	4,545	4,545	4,504	4,504	4,504
Angola	269	269	269	270	270	270	270
Ecuador	10	10	9	9	9	9	9
Indonesia	2,603	2,557	2,608	2,769	2,756	2,659	3,002
IR Iran	26,600	26,690	27,570	27,500	27,580	26,850	28,080
Iraq	3,109	3,190	3,170	3,170	3,170	3,170	3,170
Kuwait	1,557	1,557	1,572	1,572	1,572	1,780	1,780
SP Libyan AJ	1,314	1,503	1,491	1,491	1,491	1,420	1,540
Nigeria	4,633	4,997	5,055	5,229	5,152	5,215	5,215
Qatar	25,783	25,783	25,783	25,783	25,636	25,636	25,257
Saudi Arabia	6,456	6,646	6,754	6,834	6,900	7,154	7,305
United Arab Emirates	6,060	6,060	6,060	6,060	6,060	6,040	6,072
Venezuela	4,180	4,181	4,219	4,287	4,315	4,708	4,838
OPEC	87,096	87,966	89,105	89,519	89,415	89,415	91,043

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

Table 12

Summary

World proven natural gas reserves by region, 1987–2007 (*billion standard cu m*)

	1987	1988	1989	1990	1991	1992	1993
North America	8,047	7,451	7,465	7,521	7,442	7,345	6,832
Latin America	7,030	7,099	7,109	7,538	7,656	7,839	7,935
Eastern Europe	42,204	42,974	52,436	54,921	55,755	56,743	56,725
Western Europe	5,353	5,260	5,232	5,815	5,947	6,330	6,313
Middle East	31,193	34,359	37,864	38,014	43,127	44,788	44,976
Africa	7,370	7,682	8,466	8,524	9,603	9,947	10,185
Asia and Pacific	8,542	8,930	9,433	9,873	9,390	9,435	9,928
Total world	109,739	113,754	128,005	132,206	138,920	142,426	142,894
OPEC	42,102	45,681	50,006	50,890	55,757	57,746	57,783
<i>OPEC percentage</i>	<i>38.4</i>	<i>40.2</i>	<i>39.1</i>	<i>38.5</i>	<i>40.1</i>	<i>40.5</i>	<i>40.4</i>
	1994	1995	1996	1997	1998	1999	2000
North America	6,538	6,606	6,556	6,545	6,393	6,460	6,708
Latin America	7,868	7,932	7,978	8,075	7,291	7,672	7,720
Eastern Europe	58,806	58,005	57,257	57,869	57,441	56,774	56,689
Western Europe	6,377	6,520	6,500	7,152	7,195	7,177	7,095
Middle East	47,438	45,635	49,467	49,795	53,406	52,053	59,811
Africa	9,223	9,923	10,173	10,635	10,793	11,440	12,463
Asia and Pacific	10,117	10,599	10,475	10,772	11,433	12,109	12,321
Total world	146,368	145,220	148,405	150,842	153,952	153,685	162,807
OPEC	59,581	58,754	62,570	63,420	67,116	66,583	75,126
<i>OPEC percentage</i>	<i>40.7</i>	<i>40.5</i>	<i>42.2</i>	<i>42.0</i>	<i>43.6</i>	<i>43.3</i>	<i>46.1</i>
	2001	2002	2003	2004	2005	2006	2007
North America	6,889	6,959	6,896	7,048	7,420	7,590	7,626
Latin America	7,814	7,405	7,348	7,447	7,312	7,751	7,890
Eastern Europe	56,774	57,960	58,931	58,715	58,878	58,886	58,886
Western Europe	6,990	6,671	6,031	5,869	5,668	5,458	5,458
Middle East	71,375	71,738	72,773	72,846	72,833	72,525	73,559
Africa	13,133	13,782	13,893	14,241	14,279	14,422	14,541
Asia and Pacific	13,051	13,181	14,107	14,350	14,915	14,823	15,166
Total world	176,026	177,695	179,979	180,515	181,304	181,454	183,126
OPEC	87,096	87,966	89,105	89,519	89,415	89,415	91,043
<i>OPEC percentage</i>	<i>49.5</i>	<i>49.5</i>	<i>49.5</i>	<i>49.6</i>	<i>49.3</i>	<i>49.3</i>	<i>49.7</i>

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, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
Algeria	648.2	672.9	727.3	783.5	803.0	756.5	747.3
Angola	357.7	452.1	452.7	473.8	497.0	549.1	504.5
Ecuador	180.9	300.8	278.9	286.1	309.3	320.5	340.4
Indonesia	1,158.1	1,161.5	1,231.0	1,299.3	1,450.0	1,347.7	1,327.3
IR Iran	2,297.6	2,478.5	2,814.1	3,135.3	3,406.8	3,431.6	3,425.2
Iraq	2,358.7	2,744.5	2,785.8	2,112.6	282.5	526.2	659.5
Kuwait ¹	971.6	1,190.1	1,277.5	858.6	185.3	1,057.2	1,881.8
SP Libyan AJ	972.5	1,022.7	1,129.2	1,389.1	1,405.9	1,432.7	1,361.0
Nigeria	1,323.0	1,341.3	1,716.3	1,726.7	1,893.1	1,957.0	1,905.2
Qatar	218.9	228.0	320.2	405.6	391.2	423.2	390.3
Saudi Arabia ¹	3,975.2	5,100.1	5,064.5	6,412.5	8,117.8	8,331.7	8,047.7
United Arab Emirates	1,242.3	1,323.5	1,593.0	1,762.6	2,027.4	2,235.7	2,159.3
Venezuela	1,575.5	1,578.1	1,747.4	2,135.2	2,286.2	2,345.6	2,326.0
OPEC	17,280.1	19,594.3	21,137.9	22,780.9	23,055.5	24,714.7	25,075.5

	1994	1995	1996	1997	1998	1999	2000
Algeria	752.5	752.5	805.7	846.1	827.3	749.6	796.0
Angola	550.3	607.1	679.2	713.6	712.5	720.8	736.1
Ecuador	372.7	380.5	377.9	381.8	367.3	362.6	392.2
Indonesia	1,332.8	1,328.4	1,326.7	1,330.4	1,315.4	1,355.5	1,272.5
IR Iran	3,596.0	3,595.0	3,596.0	3,603.4	3,714.0	3,439.0	3,661.3
Iraq	748.7	736.9	740.4	1,383.9	2,181.1	2,719.8	2,810.0
Kuwait ¹	2,006.6	2,006.6	2,005.6	2,007.1	2,051.5	1,872.7	1,996.1
SP Libyan AJ	1,389.8	1,399.0	1,394.0	1,395.8	1,449.0	1,287.2	1,347.2
Nigeria	1,820.9	1,842.6	1,863.1	1,876.7	1,939.0	1,781.5	2,053.6
Qatar	378.7	389.8	393.1	405.0	618.1	608.5	648.2
Saudi Arabia ¹	8,049.0	8,023.4	8,102.3	8,011.7	8,280.2	7,564.7	8,094.5
United Arab Emirates	2,166.5	2,148.0	2,161.3	2,160.7	2,244.1	2,048.8	2,174.7
Venezuela	2,367.9	2,378.5	2,381.0	2,411.0	3,120.0	2,800.4	2,891.0
OPEC	25,532.4	25,588.4	25,826.3	26,527.1	28,819.6	27,311.2	28,873.3

	2001	2002	2003	2004	2005	2006	2007
Algeria	776.6	729.9	942.4	1,311.4	1,352.0	1,368.8	1,371.6
Angola	740.4	894.2	901.2	1,020.3	1,241.4	1,384.6	1,694.6
Ecuador	394.5	378.6	402.0	507.3	511.9	518.4	511.4
Indonesia	1,214.2	1,125.4	1,139.7	1,094.4	1,059.3	883.0	837.6
IR Iran	3,572.0	3,248.0	3,741.6	3,834.2	4,091.5	4,072.6	4,030.7
Iraq	2,593.7	2,126.5	1,377.8	2,107.1	1,853.2	1,957.2	2,183.7
Kuwait ¹	1,947.0	1,745.9	2,107.6	2,288.7	2,573.4	2,664.5	2,574.5
SP Libyan AJ	1,323.5	1,200.9	1,431.9	1,580.7	1,693.2	1,751.2	1,673.9
Nigeria	2,017.6	1,801.7	2,166.3	2,327.5	2,365.9	2,233.9	2,059.3
Qatar	632.9	568.9	676.0	755.3	765.9	802.9	845.3
Saudi Arabia ¹	7,888.9	7,093.1	8,410.3	8,897.0	9,353.3	9,207.9	8,816.0
United Arab Emirates	2,115.2	1,900.3	2,248.0	2,343.6	2,378.0	2,568.0	2,529.0
Venezuela	2,791.9	2,782.0	2,643.0	3,009.4	3,066.8	3,035.6	2,949.5
OPEC	28,008.3	25,595.3	28,187.9	31,076.8	32,305.7	32,448.6	32,077.1

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.

Table 14

Summary

World crude oil production by region, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
North America	9,586.8	9,419.7	8,836.3	8,562.4	8,611.7	8,406.8	8,143.0
Latin America	6,068.8	6,114.2	6,346.6	6,871.6	7,134.0	7,270.8	7,350.8
Eastern Europe	12,448.4	12,367.7	12,037.7	11,274.6	10,139.3	8,843.1	7,921.0
Western Europe	4,064.1	4,045.9	3,896.2	4,085.1	4,299.6	4,555.8	4,818.6
Middle East	11,920.0	14,149.9	15,133.7	16,076.9	15,892.1	17,563.1	18,264.5
Africa	4,801.9	4,961.2	5,551.5	5,966.5	6,206.7	6,329.3	6,150.8
Asia and Pacific	5,746.3	5,854.4	6,004.3	6,269.6	6,413.3	6,358.3	6,458.2
Total world	54,636.3	56,913.0	57,806.3	59,106.7	58,696.7	59,327.3	59,106.9
OPEC	17,280.1	19,594.3	21,137.9	22,780.9	23,055.5	24,714.7	25,075.5
<i>OPEC percentage</i>	<i>31.6</i>	<i>34.4</i>	<i>36.6</i>	<i>38.5</i>	<i>39.3</i>	<i>41.7</i>	<i>42.4</i>
	1994	1995	1996	1997	1998	1999	2000
North America	8,012.3	7,939.8	7,865.8	7,865.7	7,679.4	7,227.1	7,213.1
Latin America	7,556.3	7,721.2	8,148.0	8,476.2	9,467.4	9,122.9	9,316.5
Eastern Europe	7,167.4	7,052.7	6,937.9	7,099.7	7,087.6	7,221.8	7,630.6
Western Europe	5,568.4	5,796.2	6,159.5	6,180.0	6,078.9	6,150.3	6,287.5
Middle East	18,808.5	18,856.3	19,012.3	19,603.7	21,115.6	20,283.2	21,410.4
Africa	6,146.6	6,248.6	6,426.3	6,581.8	6,674.1	6,284.0	6,745.6
Asia and Pacific	6,629.6	6,828.7	7,022.3	7,117.2	7,044.4	7,106.6	7,253.2
Total world	59,889.1	60,443.5	61,572.1	62,924.1	65,147.4	63,395.9	65,856.9
OPEC	25,532.4	25,588.4	25,826.3	26,527.1	28,819.6	27,311.2	28,873.3
<i>OPEC percentage</i>	<i>42.6</i>	<i>42.3</i>	<i>41.9</i>	<i>42.2</i>	<i>44.2</i>	<i>43.1</i>	<i>43.8</i>
	2001	2002	2003	2004	2005	2006	2007
North America	7,178.8	7,191.3	7,140.1	6,823.9	6,538.3	6,447.8	6,499.1
Latin America	9,327.4	9,474.5	9,549.4	9,961.8	10,130.3	10,077.8	9,796.1
Eastern Europe	8,249.6	9,040.0	9,960.9	10,745.7	11,083.2	11,532.4	11,996.7
Western Europe	6,033.6	5,951.6	5,628.2	5,374.9	4,905.1	4,501.5	4,320.4
Middle East	20,776.6	18,618.3	20,408.5	21,981.5	22,722.0	22,887.0	22,495.2
Africa	6,613.3	6,429.2	7,246.4	8,276.9	8,815.7	8,958.4	9,065.7
Asia and Pacific	7,207.6	7,275.9	7,287.7	7,347.1	7,445.9	7,310.7	7,309.2
Total world	65,386.9	63,980.8	67,221.1	70,511.7	71,640.5	71,715.5	71,482.3
OPEC	28,008.3	25,595.3	28,187.9	31,076.8	32,305.7	32,448.6	32,077.1
<i>OPEC percentage</i>	<i>42.8</i>	<i>40.0</i>	<i>41.9</i>	<i>44.1</i>	<i>45.1</i>	<i>45.2</i>	<i>44.9</i>

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, 1987–2007 (million standard cu m)

	1987	1988	1989	1990	1991	1992	1993
Algeria	43,170	46,290	48,400	51,600	53,910	52,465	53,140
Angola	450	500	430	540	580	570	560
Ecuador	50	80	80	100	100	100	100
Indonesia	36,550	38,510	43,234	47,580	51,370	54,190	55,860
IR Iran	16,000	20,000	22,200	24,200	32,200	35,100	36,900
Iraq	3,750	5,600	6,450	3,980	1,740	2,270	2,550
Kuwait	4,780	6,840	8,160	4,190	500	2,620	5,420
SP Libyan AJ	5,000	5,500	6,800	6,200	6,540	6,770	6,360
Nigeria	3,493	3,770	4,322	4,010	4,400	4,421	5,050
Qatar	5,610	5,860	6,200	6,300	7,630	12,620	13,500
Saudi Arabia	26,800	29,100	29,800	33,520	35,170	38,250	40,040
United Arab Emirates	18,890	19,360	22,380	22,110	25,810	22,170	22,990
Venezuela	18,587	19,028	19,538	21,966	21,902	21,617	25,613
OPEC	183,130	200,438	217,994	226,296	241,852	253,163	268,083

	1994	1995	1996	1997	1998	1999	2000
Algeria	51,157	55,622	59,024	67,714	72,511	81,507	83,119
Angola	560	560	560	570	580	560	570
Ecuador	100	120	120	100	100	100	140
Indonesia	63,473	63,360	66,660	67,150	64,250	70,960	68,365
IR Iran	40,400	38,600	40,410	47,000	50,000	56,755	60,240
Iraq	3,170	3,170	3,240	3,050	2,950	3,180	3,150
Kuwait	5,970	9,278	9,302	9,270	9,491	8,688	9,600
SP Libyan AJ	6,390	6,340	6,420	6,570	6,360	5,200	5,880
Nigeria	4,550	4,844	5,460	5,850	5,900	6,950	12,460
Qatar	13,500	13,500	13,700	17,400	19,580	22,050	24,900
Saudi Arabia	42,770	42,930	44,510	45,840	46,720	46,200	49,810
United Arab Emirates	25,820	31,320	33,800	36,310	37,070	38,990	38,380
Venezuela	24,675	25,200	29,730	30,211	31,440	26,771	27,801
OPEC	282,535	294,844	312,936	337,035	346,952	367,911	384,415

	2001	2002	2003	2004	2005	2006	2007*
Algeria	78,240	80,367	82,829	82,009	89,235	88,209	84,827
Angola	530	600	650	750	650	680	830
Ecuador	160	100	150	240	260	280	275
Indonesia	66,300	70,350	72,700	72,800	68,700	69,300	68,261
IR Iran	66,000	75,000	81,500	89,663	103,500	108,600	111,900
Iraq	2,760	2,360	1,560	1,000	1,450	1,450	1,460
Kuwait	9,500	8,710	10,000	10,900	12,300	12,410	12,060
SP Libyan AJ	6,180	5,900	5,500	8,060	11,300	13,195	15,280
Nigeria	14,900	15,967	19,023	22,388	22,400	28,500	34,100
Qatar	27,000	29,500	31,400	39,170	45,800	50,700	59,800
Saudi Arabia	53,690	57,320	60,060	65,680	71,240	73,461	74,420
United Arab Emirates	44,940	43,390	44,800	46,290	47,790	48,790	50,290
Venezuela	31,710	28,415	26,060	23,900	25,200	26,000	26,500
OPEC	401,910	417,979	436,232	462,850	499,825	521,575	540,003

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

Table 16

Summary

World marketed production of natural gas by region, 1987–2007 (*million standard cu m*)

	1987	1988	1989	1990	1991	1992	1993
North America	555,588	582,498	595,216	611,194	616,016	633,128	651,464
Latin America	76,067	79,578	81,798	85,696	85,642	82,317	93,043
Eastern Europe	733,777	770,169	792,874	803,038	794,918	763,871	746,051
Western Europe	212,750	200,560	205,110	203,850	216,240	219,600	231,280
Middle East	83,830	94,530	106,180	105,740	115,040	126,510	135,910
Africa	58,949	63,510	68,202	70,890	74,890	74,606	78,720
Asia and Pacific	127,240	133,450	143,964	151,170	164,300	175,970	183,810
Total world	1,848,201	1,924,295	1,993,344	2,031,578	2,067,046	2,076,002	2,120,278
OPEC	183,130	200,438	217,994	226,296	241,852	253,163	268,083
<i>OPEC percentage</i>	<i>9.9</i>	<i>10.4</i>	<i>10.9</i>	<i>11.1</i>	<i>11.7</i>	<i>12.2</i>	<i>12.6</i>

	1994	1995	1996	1997	1998	1999	2000
North America	682,075	685,328	697,549	700,829	709,042	710,710	726,434
Latin America	94,765	99,630	109,950	114,471	122,670	125,251	131,461
Eastern Europe	705,378	693,533	699,302	657,056	672,034	682,102	699,097
Western Europe	233,820	241,800	278,990	271,960	271,640	277,020	282,630
Middle East	146,480	152,708	159,962	178,680	187,161	196,193	209,000
Africa	77,077	82,296	88,084	98,394	103,511	113,797	125,589
Asia and Pacific	201,133	210,470	227,740	239,190	241,880	258,390	273,475
Total world	2,140,728	2,165,765	2,261,577	2,260,580	2,307,938	2,363,463	2,447,685
OPEC	282,535	294,844	312,936	337,035	346,952	367,911	384,415
<i>OPEC percentage</i>	<i>13.2</i>	<i>13.6</i>	<i>13.8</i>	<i>14.9</i>	<i>15.0</i>	<i>15.6</i>	<i>15.7</i>

	2001	2002	2003	2004	2005	2006	2007*
North America	742,345	723,856	723,582	710,100	696,970	708,745	732,950
Latin America	138,770	139,935	153,530	163,990	173,810	185,200	196,975
Eastern Europe	701,480	714,579	747,887	771,248	784,870	804,430	813,280
Western Europe	284,750	293,940	295,910	302,240	293,740	285,850	274,950
Middle East	232,900	247,520	262,600	289,193	319,970	337,601	352,820
Africa	130,270	134,034	144,502	153,597	175,625	186,094	195,647
Asia and Pacific	281,190	298,910	319,590	331,520	360,250	384,700	404,361
Total world	2,511,705	2,552,774	2,647,601	2,721,888	2,805,234	2,892,620	2,970,983
OPEC	401,910	417,979	436,232	462,850	499,825	521,575	540,003
<i>OPEC percentage</i>	<i>16.0</i>	<i>16.4</i>	<i>16.5</i>	<i>17.0</i>	<i>17.8</i>	<i>18.0</i>	<i>18.2</i>

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

Refining capacity in OPEC Members, 1987–2007 (1,000 b/cd)

	1987	1988	1989	1990	1991	1992	1993
Algeria	471.2	471.2	474.5	474.5	474.5	474.5	474.5
Angola	32.1	32.1	32.1	37.6	32.1	32.1	32.1
Ecuador	133.0	133.0	135.1	135.1	135.1	135.1	135.1
Indonesia	738.7	738.7	751.3	751.3	782.8	782.8	782.8
IR Iran	615.0	615.0	777.0	777.0	957.0	957.0	1,092.0
Iraq	365.5	365.5	550.0	550.0	550.0	550.0	595.0
Kuwait	670.0	670.0	670.0	670.0	670.0	670.0	670.0
SP Libyan AJ	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
Qatar	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
United Arab Emirates	180.0	180.0	180.0	192.5	192.5	192.5	205.0
Venezuela	1,258.1	1,201.1	1,167.0	1,224.0	1,224.0	1,224.0	1,181.0
OPEC	6,559.1	6,502.1	7,292.5	7,367.5	7,573.5	7,373.5	7,523.0
	1994	1995	1996	1997	1998	1999	2000
Algeria	468.6	462.2	462.2	462.2	462.2	462.2	462.2
Angola	32.1	32.1	32.1	32.1	39.0	39.0	39.0
Ecuador	135.1	135.1	148.0	168.0	176.0	176.0	176.0
Indonesia	895.3	891.2	891.2	891.2	929.7	929.7	1,057.0
IR Iran	1,092.0	1,092.0	1,092.0	1,208.0	1,524.0	1,524.0	1,474.0
Iraq	603.0	603.0	603.0	603.0	603.0	603.0	603.0
Kuwait	820.0	820.0	797.0	874.5	829.6	899.0	899.0
SP Libyan AJ	342.0	342.0	342.0	342.0	342.0	342.0	380.0
Nigeria	400.5	424.0	424.0	424.0	424.0	424.0	445.0
Qatar	63.0	63.0	63.0	63.0	63.0	63.0	63.0
Saudi Arabia	1,670.0	1,670.0	1,670.0	1,693.0	1,780.0	1,810.0	1,825.0
United Arab Emirates	205.0	211.0	246.0	291.0	291.0	411.0	420.0
Venezuela	1,181.0	1,181.0	1,183.2	1,183.2	1,200.3	1,188.4	1,183.2
OPEC	7,740.4	7,926.6	7,953.7	8,235.2	8,663.8	8,871.3	9,026.4
	2001	2002	2003	2004	2005	2006	2007
Algeria	462.2	462.2	462.2	462.2	462.2	455.2	475.0
Angola	39.0	39.0	39.0	39.0	39.0	39.0	39.0
Ecuador	176.0	176.0	176.0	176.0	176.0	176.0	188.4
Indonesia	1,057.0	1,057.0	1,057.0	1,055.5	1,057.0	1,057.0	1,050.6
IR Iran	1,474.0	1,474.0	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	638.5	638.5
Kuwait	899.0	899.0	831.0	936.0	936.0	932.0	936.0
SP Libyan AJ	380.0	380.0	380.0	380.0	380.0	380.0	380.0
Nigeria	445.0	445.0	445.0	445.0	445.0	445.0	445.0
Qatar	63.0	80.0	80.0	80.0	80.0	80.0	80.0
Saudi Arabia	1,825.0	1,825.0	2,064.0	2,077.0	2,091.0	2,135.5	2,130.0
United Arab Emirates	491.3	491.3	466.3	466.3	466.3	466.3	466.3
Venezuela	1,183.2	1,199.0	1,003.8	1,045.7	1,054.3	1,039.8	1,041.8
OPEC	9,097.7	9,130.5	9,081.3	9,239.7	9,263.8	9,318.3	9,344.6

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

Table 18

Summary

World refining capacity by region, 1987–2007 (1,000 b/cd)

	1987	1988	1989	1990	1991	1992	1993
North America	17,784.3	17,510.7	17,423.8	17,557.7	17,705.1	17,037.5	16,988.9
Latin America	7,427.3	7,357.5	7,564.0	7,765.7	7,538.9	7,604.8	7,443.6
Eastern Europe ¹	14,277.0	14,317.0	14,317.0	12,255.1	12,202.7	12,204.5	12,183.9
Western Europe	15,205.2	14,937.8	14,734.6	14,833.0	14,973.5	15,055.7	14,887.0
Middle East	4,371.2	4,377.7	5,049.2	5,055.8	5,266.9	5,079.9	5,260.1
Africa	2,658.3	2,651.5	2,790.8	2,826.4	2,820.2	2,818.8	2,746.1
Asia and Pacific	12,392.9	12,254.6	12,399.0	12,849.1	13,207.4	14,129.8	14,426.2
Total world	74,116.2	73,406.7	74,278.4	73,142.8	73,714.6	73,930.9	73,935.8
OPEC	6,559.1	6,502.1	7,292.5	7,367.5	7,573.5	7,373.5	7,523.0
<i>OPEC percentage</i>	<i>8.8</i>	<i>8.9</i>	<i>9.8</i>	<i>10.1</i>	<i>10.3</i>	<i>10.0</i>	<i>10.2</i>
	1994	1995	1996	1997	1998	1999	2000
North America	17,418.5	17,359.2	17,324.4	17,627.6	17,802.7	18,452.6	18,444.8
Latin America	7,387.6	7,447.2	7,457.9	7,922.6	7,811.3	7,869.9	8,106.7
Eastern Europe ¹	12,305.2	12,193.9	12,125.4	11,976.2	11,364.3	11,314.9	9,972.2
Western Europe	14,757.8	14,698.9	14,672.2	14,864.4	14,980.0	14,840.0	14,873.5
Middle East	5,559.1	5,565.1	5,528.3	5,781.0	6,134.5	6,353.9	6,337.9
Africa	2,780.9	2,795.9	2,833.3	2,888.3	2,944.5	2,982.5	3,257.7
Asia and Pacific	14,992.1	15,905.8	16,604.3	16,866.6	18,681.8	20,545.2	21,296.0
Total world	75,201.2	75,966.0	76,545.7	77,926.8	79,719.1	82,359.0	82,288.8
OPEC	7,740.4	7,926.6	7,953.7	8,235.2	8,663.8	8,871.3	9,026.4
<i>OPEC percentage</i>	<i>10.3</i>	<i>10.4</i>	<i>10.4</i>	<i>10.6</i>	<i>10.9</i>	<i>10.8</i>	<i>11.0</i>
	2001	2002	2003	2004	2005	2006	2007
North America	18,508.4	18,606.8	18,686.1	18,792.2	19,143.1	19,313.8	19,416.7
Latin America	7,993.4	8,255.3	8,128.8	8,150.0	8,147.0	7,980.4	7,991.0
Eastern Europe ¹	10,164.6	10,128.3	10,085.5	9,871.1	9,822.4	9,859.4	9,921.4
Western Europe	14,938.8	14,991.5	15,047.8	15,116.6	15,415.9	15,445.4	15,405.2
Middle East	6,409.2	6,424.0	6,570.0	6,688.0	6,707.7	6,903.0	6,914.6
Africa	3,247.3	3,278.3	3,303.8	3,273.8	3,288.8	3,250.6	3,275.4
Asia and Pacific	21,489.4	21,374.4	21,259.2	22,605.0	22,863.6	23,900.5	24,438.1
Total world	82,751.2	83,058.5	83,081.1	84,496.7	85,388.5	86,653.1	87,362.4
OPEC	9,097.7	9,130.5	9,081.3	9,239.7	9,263.8	9,318.3	9,344.6
<i>OPEC percentage</i>	<i>11.0</i>	<i>11.0</i>	<i>10.9</i>	<i>10.9</i>	<i>10.8</i>	<i>10.8</i>	<i>10.7</i>

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

Output of refined products in OPEC Members, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
Algeria	431.0	433.3	433.6	435.3	428.6	434.5	426.1
Angola	31.8	29.7	32.7	33.0	34.2	35.4	32.5
Ecuador	–	–	–	–	–	–	–
Indonesia	568.7	606.5	640.4	711.2	677.8	649.9	770.5
IR Iran	541.2	614.1	669.9	751.0	806.1	851.4	911.7
Iraq	351.1	351.5	389.2	344.8	274.3	358.0	417.7
Kuwait	593.1	652.2	689.0	554.7	105.7	313.3	449.4
SP Libyan AJ	204.9	222.8	261.5	278.0	282.0	282.4	286.8
Nigeria	135.2	154.8	214.2	257.2	242.8	218.9	220.3
Qatar	33.0	37.6	49.3	57.2	53.2	58.4	49.4
Saudi Arabia	1,386.8	1,442.3	1,335.2	1,537.6	1,417.1	1,447.5	1,482.0
United Arab Emirates	168.3	174.1	177.8	187.7	183.8	185.4	193.4
Venezuela	831.4	975.8	1,010.1	1,038.6	1,087.8	1,050.6	1,069.3
OPEC	5,276.5	5,694.7	5,902.9	6,186.3	5,593.4	5,885.7	6,309.1
	1994	1995	1996	1997	1998	1999	2000
Algeria	429.8	440.7	429.4	435.6	410.2	430.6	441.4
Angola	36.4	37.1	37.6	38.7	36.0	40.1	37.3
Ecuador	–	–	–	–	–	–	–
Indonesia	767.4	854.3	892.9	887.6	928.4	933.7	968.2
IR Iran	916.9	942.0	957.0	974.4	1,337.8	1,361.2	1,316.4
Iraq	457.7	447.8	438.3	444.5	459.1	442.8	493.2
Kuwait	782.4	821.7	787.7	879.6	876.1	903.3	729.5
SP Libyan AJ	295.4	300.4	304.7	307.6	317.5	324.9	337.8
Nigeria	108.4	161.3	193.0	192.5	113.6	131.1	88.6
Qatar	57.1	57.8	60.9	54.8	59.5	59.2	57.8
Saudi Arabia	1,511.3	1,449.9	1,641.0	1,584.4	1,600.3	1,593.2	1,649.7
United Arab Emirates	208.4	230.1	234.9	298.4	222.4	232.9	315.3
Venezuela	1,126.8	1,201.1	1,335.2	1,327.3	1,332.7	1,209.3	1,240.8
OPEC	6,698.1	6,944.1	7,312.7	7,425.4	7,693.5	7,662.3	7,676.0
	2001	2002	2003	2004	2005	2006	2007
Algeria	456.0	469.6	447.9	446.6	451.9	451.2	501.8
Angola	38.7	40.4	41.2	40.4	41.9	49.8	60.6
Ecuador	–	141.6	108.2	137.1	132.0	133.0	170.2
Indonesia	1,006.1	1,002.4	944.4	1,011.6	1,054.1	1,053.5	1,213.2
IR Iran	1,436.7	1,440.5	1,344.7	1,437.4	1,439.8	1,447.9	1,498.0
Iraq	531.9	518.2	463.8	491.0	477.4	484.2	480.8
Kuwait	659.7	721.2	839.2	840.1	910.8	886.7	877.4
SP Libyan AJ	341.5	369.8	322.7	401.3	459.9	468.3	497.0
Nigeria	227.8	307.0	307.4	341.0	388.0	369.4	378.7
Qatar	42.1	43.1	115.3	118.6	119.1	131.8	131.8
Saudi Arabia	1,636.9	1,596.9	1,760.6	1,912.6	1,974.4	1,960.1	1,873.6
United Arab Emirates	309.5	424.7	430.2	439.8	441.6	423.8	393.0
Venezuela	1,264.5	1,228.7	1,016.2	1,042.8	1,198.4	1,079.7	1,056.2
OPEC	7,951.5	8,304.0	8,141.9	8,660.2	9,089.3	8,939.2	9,132.4

Notes: Data excludes production of gas plants.

Table 20

Summary

World output of refined products by region, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
North America	16,162.6	16,639.3	16,860.7	16,986.4	16,911.2	17,013.5	17,522.4
Latin America	5,226.3	5,356.4	5,554.8	5,706.2	5,777.4	5,910.4	6,045.3
Eastern Europe	10,803.8	10,698.9	10,546.6	9,850.4	9,202.5	7,762.4	6,849.0
Western Europe	12,298.4	12,844.9	12,868.7	13,234.6	13,436.9	13,829.2	13,930.0
Middle East	3,847.6	4,057.9	4,102.4	4,278.5	3,696.4	4,117.2	4,409.1
Africa	1,895.9	1,974.1	2,123.0	2,223.2	2,217.9	2,204.2	2,263.7
Asia and Pacific	9,276.3	9,683.1	10,387.6	11,056.2	11,758.2	12,505.6	13,344.7
Total world	59,510.9	61,254.5	62,443.8	63,335.6	63,000.6	63,342.5	64,364.4
OPEC	5,276.5	5,694.7	5,902.9	6,186.3	5,593.4	5,885.7	6,309.1
<i>OPEC percentage</i>	<i>8.9</i>	<i>9.3</i>	<i>9.5</i>	<i>9.8</i>	<i>8.9</i>	<i>9.3</i>	<i>9.8</i>

	1994	1995	1996	1997	1998	1999	2000
North America	17,628.6	17,833.2	18,355.2	18,675.2	18,918.4	18,934.9	19,305.1
Latin America	6,258.2	6,223.7	6,469.6	6,554.7	6,750.3	6,592.6	6,653.1
Eastern Europe	5,996.7	6,014.0	5,814.7	5,839.8	5,768.0	5,697.9	5,828.0
Western Europe	14,266.8	14,241.7	14,590.2	14,885.9	15,262.7	14,572.8	14,833.1
Middle East	4,864.9	4,881.3	5,060.4	5,190.6	5,534.4	5,554.4	5,534.2
Africa	2,238.1	2,362.6	2,397.7	2,403.9	2,334.6	2,416.4	2,442.0
Asia and Pacific	13,819.5	14,604.8	15,540.9	16,351.5	16,306.8	17,256.7	17,843.9
Total world	65,072.7	66,161.2	68,228.7	69,901.6	70,875.2	71,025.6	72,439.5
OPEC	6,698.1	6,944.1	7,312.7	7,425.4	7,693.5	7,662.3	7,676.0
<i>OPEC percentage</i>	<i>10.3</i>	<i>10.5</i>	<i>10.7</i>	<i>10.6</i>	<i>10.9</i>	<i>10.8</i>	<i>10.6</i>

	2001	2002	2003	2004	2005	2006	2007
North America	19,200.2	19,326.1	19,592.8	19,950.3	19,883.8	19,960.4	20,010.5
Latin America	6,801.6	7,067.3	6,915.8	7,148.2	7,235.0	7,273.1	7,171.4
Eastern Europe	6,154.8	6,544.7	6,600.6	6,743.6	6,979.3	7,175.0	7,414.3
Western Europe	14,774.8	14,390.7	14,691.7	14,925.2	15,002.3	14,770.6	14,581.8
Middle East	5,593.2	5,726.7	5,944.3	6,249.7	6,394.5	6,387.5	6,334.2
Africa	2,622.2	2,702.5	2,635.9	2,771.7	2,931.2	2,887.6	2,925.4
Asia and Pacific	17,941.8	18,309.9	18,531.2	20,239.7	20,696.0	21,391.3	22,379.7
Total world	73,088.4	74,067.8	74,912.5	78,028.4	79,122.1	79,845.4	80,817.3
OPEC	7,951.5	8,304.0	8,141.9	8,660.2	9,089.3	8,939.2	9,132.4
<i>OPEC percentage</i>	<i>10.9</i>	<i>11.2</i>	<i>10.9</i>	<i>11.1</i>	<i>11.5</i>	<i>11.2</i>	<i>11.3</i>

Notes: Totals may not add up due to independent rounding. Revisions have been made throughout the time series. Data may include production of gas plants, GTL and condensate refineries.

Consumption of refined products in OPEC Members, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
Algeria	169.8	170.8	179.3	187.4	187.1	187.7	188.9
Angola	25.3	27.7	28.2	27.2	26.5	25.2	28.1
Ecuador	77.4	84.9	83.7	86.5	93.5	89.7	87.3
Indonesia	491.4	527.4	578.0	634.3	675.4	708.6	713.6
IR Iran	878.6	882.2	934.5	1,002.1	1,064.7	1,063.1	1,110.6
Iraq	300.8	318.9	346.4	338.1	322.4	372.9	402.3
Kuwait	85.0	75.0	72.4	65.2	60.2	101.1	95.2
SP Libyan AJ	131.6	135.1	141.7	142.5	146.5	145.0	143.9
Nigeria	172.8	182.9	187.4	160.4	190.8	242.8	211.1
Qatar	19.9	23.0	25.5	24.7	22.3	26.4	27.4
Saudi Arabia	632.0	685.9	667.5	655.0	646.3	729.4	767.5
United Arab Emirates	108.0	112.3	115.7	120.0	123.3	126.4	135.6
Venezuela	387.7	393.8	393.7	399.5	403.1	431.3	424.8
OPEC	3,480.3	3,619.9	3,754.1	3,842.9	3,962.0	4,249.7	4,336.4

	1994	1995	1996	1997	1998	1999	2000
Algeria	178.6	172.7	170.8	165.6	169.9	177.7	187.7
Angola	30.7	27.8	28.4	29.3	24.3	33.3	36.4
Ecuador	92.9	104.9	112.8	118.3	120.1	108.1	120.1
Indonesia	755.3	774.5	853.3	931.6	888.2	931.7	996.4
IR Iran	1,132.8	1,140.8	1,175.5	1,229.6	1,218.0	1,191.6	1,189.1
Iraq	418.3	404.4	392.2	397.3	408.7	411.0	452.4
Kuwait	106.2	117.6	114.1	131.8	158.8	163.8	152.9
SP Libyan AJ	175.1	196.4	198.7	198.5	203.4	209.0	201.7
Nigeria	161.2	187.4	202.0	208.1	199.4	185.3	213.7
Qatar	29.1	30.1	31.2	32.5	35.0	33.0	35.1
Saudi Arabia	792.4	751.2	807.4	814.5	865.8	908.4	937.0
United Arab Emirates	135.0	135.7	134.2	137.0	133.4	136.1	144.5
Venezuela	412.1	415.9	433.2	461.1	485.0	442.6	485.9
OPEC	4,419.8	4,459.3	4,653.6	4,855.0	4,910.0	4,931.6	5,152.8

	2001	2002	2003	2004	2005	2006	2007
Algeria	188.7	203.7	218.3	232.9	245.9	255.2	269.6
Angola	41.3	42.5	48.5	49.6	52.5	57.4	59.1
Ecuador	133.9	142.3	142.9	144.7	157.4	169.2	176.5
Indonesia	1,026.0	1,075.4	1,112.9	1,143.7	1,139.9	1,124.3	1,135.9
IR Iran	1,220.5	1,257.9	1,313.8	1,374.8	1,459.2	1,578.6	1,661.1
Iraq	490.9	477.3	415.9	504.0	536.9	563.7	583.5
Kuwait	140.8	146.0	206.7	230.8	248.7	263.3	271.8
SP Libyan AJ	212.8	215.7	221.5	230.2	242.5	250.2	259.9
Nigeria	244.5	242.0	230.6	241.6	252.5	256.3	265.5
Qatar	37.5	45.7	43.7	68.9	73.2	92.6	100.0
Saudi Arabia	982.0	1,053.7	1,140.5	1,187.2	1,227.4	1,311.6	1,398.6
United Arab Emirates	154.8	170.7	190.1	194.1	204.3	213.9	223.8
Venezuela	496.1	480.3	465.2	477.4	505.6	548.1	581.4
OPEC	5,369.7	5,553.2	5,750.4	6,080.0	6,346.0	6,684.4	6,986.7

Notes: Revisions have been made throughout the time series.

Table 22

Summary

World consumption of refined products by region, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
North America	17,917.2	18,581.5	18,600.7	18,094.8	17,760.0	18,107.1	18,317.9
Latin America	4,811.3	4,836.4	4,999.9	5,007.1	5,110.0	5,268.3	5,310.9
Eastern Europe	9,898.2	9,823.8	9,646.9	9,421.1	8,900.6	7,397.0	6,355.4
Western Europe	13,562.6	13,771.5	13,782.7	13,857.9	14,233.7	14,346.1	14,219.7
Middle East	2,530.3	2,595.3	2,651.7	2,738.7	2,836.8	3,033.7	3,221.4
Africa	1,385.9	1,420.3	1,463.1	1,452.0	1,469.8	1,558.2	1,497.5
Asia and Pacific	10,801.4	11,600.1	12,346.1	13,077.8	13,690.5	14,464.6	15,175.2
Total world	60,906.7	62,628.9	63,491.2	63,649.4	64,001.4	64,175.0	64,098.2
OPEC	3,480.3	3,619.9	3,754.1	3,842.9	3,962.0	4,249.7	4,336.4
<i>OPEC percentage</i>	5.7	5.8	5.9	6.0	6.2	6.6	6.8

	1994	1995	1996	1997	1998	1999	2000
North America	18,862.9	18,839.2	19,509.6	19,892.5	20,152.9	20,757.7	20,964.1
Latin America	5,562.2	5,650.7	5,760.6	6,138.3	6,412.6	6,405.8	6,508.4
Eastern Europe	5,563.6	5,470.1	5,123.4	5,253.6	5,095.2	4,824.4	4,515.3
Western Europe	14,292.7	14,537.5	14,763.3	14,780.0	14,987.2	14,719.7	14,538.6
Middle East	3,318.0	3,344.5	3,434.5	3,543.9	3,657.6	3,679.7	3,820.7
Africa	1,502.2	1,531.8	1,556.1	1,609.6	1,671.0	1,700.0	1,765.1
Asia and Pacific	16,052.8	16,872.8	17,626.4	18,456.7	17,836.2	18,802.7	19,405.9
Total world	65,154.5	66,246.7	67,773.8	69,674.5	69,812.7	70,890.2	71,518.0
OPEC	4,419.8	4,459.3	4,653.6	4,855.0	4,910.0	4,931.6	5,152.8
<i>OPEC percentage</i>	6.8	6.7	6.9	7.0	7.0	7.0	7.2

	2001	2002	2003	2004	2005	2006	2007
North America	21,104.9	21,167.6	21,623.3	22,338.8	22,279.7	22,145.1	22,323.7
Latin America	6,524.0	6,384.2	6,284.8	6,542.0	6,668.7	6,820.6	7,089.0
Eastern Europe	4,621.9	4,438.1	4,511.2	4,650.4	4,793.8	4,969.6	5,020.3
Western Europe	14,725.9	14,556.9	14,669.2	14,490.8	14,367.8	14,338.3	13,959.2
Middle East	3,902.7	4,029.8	4,217.1	4,440.3	4,655.0	4,913.6	5,159.0
Africa	1,892.8	1,946.7	1,982.1	2,120.9	2,246.9	2,311.0	2,401.8
Asia and Pacific	19,415.0	20,150.5	20,702.0	21,888.1	22,104.9	22,522.3	23,018.8
Total world	72,187.1	72,673.8	73,989.7	76,471.3	77,116.7	78,020.4	78,971.8
OPEC	5,369.7	5,553.2	5,750.4	6,080.0	6,346.0	6,684.4	6,986.7
<i>OPEC percentage</i>	7.4	7.6	7.8	8.0	8.2	8.6	8.8

Notes: Revisions have been made throughout the time series.

Crude oil exports by OPEC Members, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
Algeria	240.0	244.0	280.5	280.6	344.7	279.4	308.0
Angola	342.4	353.9	365.6	439.0	459.9	508.4	464.7
Ecuador	111.6	193.5	183.8	179.6	188.2	214.6	229.9
Indonesia	701.0	646.6	675.7	684.7	798.8	652.0	681.6
IR Iran	1,710.0	1,696.0	2,120.0	2,220.0	2,420.0	2,528.0	2,600.0
Iraq	1,717.0	2,095.0	2,260.0	1,596.0	39.0	60.7	59.2
Kuwait	607.0	698.0	850.0	645.0	85.0	695.6	1,440.0
SP Libyan AJ	810.0	890.0	872.0	1,090.0	1,220.0	1,180.0	1,110.0
Nigeria	1,065.2	1,110.5	1,525.9	1,550.0	1,610.0	1,585.0	1,557.0
Qatar	214.0	226.0	320.0	347.8	336.6	362.3	340.6
Saudi Arabia	2,416.5	3,030.1	3,335.5	4,499.8	6,526.3	6,581.9	6,292.9
United Arab Emirates	1,239.3	1,321.5	1,589.0	1,761.6	2,024.4	2,060.0	1,970.0
Venezuela	1,026.9	972.7	986.3	1,242.0	1,381.3	1,429.0	1,540.3
OPEC	12,200.9	13,477.8	15,364.3	16,536.1	17,434.3	18,136.8	18,594.2

	1994	1995	1996	1997	1998	1999	2000
Algeria	329.2	332.8	390.8	373.1	549.4	414.6	461.1
Angola	500.6	566.7	621.8	660.7	725.4	732.2	748.6
Ecuador	250.4	271.4	243.4	263.6	247.5	243.1	251.9
Indonesia	792.6	743.9	706.7	709.7	678.0	781.9	622.5
IR Iran	2,650.0	2,621.0	2,630.0	2,587.0	2,512.0	2,291.0	2,492.2
Iraq	60.0	63.5	88.1	746.6	1,417.6	2,130.9	2,039.8
Kuwait	1,263.5	1,186.4	1,224.2	1,134.2	1,190.0	948.2	1,230.7
SP Libyan AJ	1,125.0	1,120.3	1,123.4	1,115.7	1,161.0	991.7	1,005.0
Nigeria	1,590.0	1,665.0	1,812.9	1,855.5	1,832.8	1,705.1	1,986.4
Qatar	322.6	333.0	367.0	401.5	572.4	580.5	617.6
Saudi Arabia	6,233.6	6,290.8	6,109.3	6,184.5	6,390.4	5,719.7	6,253.1
United Arab Emirates	1,955.0	1,925.0	1,943.2	1,949.0	2,039.0	1,919.0	1,814.9
Venezuela	1,696.4	1,819.9	1,976.4	2,210.8	2,243.9	1,923.0	2,003.5
OPEC	18,769.0	18,939.6	19,237.2	20,191.9	21,559.6	20,380.9	21,527.1

	2001	2002	2003	2004	2005	2006	2007
Algeria	441.5	566.2	741.0	893.2	970.3	947.2	1,253.5
Angola	693.9	849.3	823.0	940.9	946.9	1,010.3	1,157.6
Ecuador	257.2	243.3	267.0	373.7	380.0	376.3	341.7
Indonesia	599.2	639.9	433.0	412.7	374.4	301.3	319.3
IR Iran	2,184.6	2,093.6	2,396.3	2,684.1	2,394.5	2,377.2	2,466.8
Iraq	1,710.2	1,494.6	388.6	1,450.0	1,472.2	1,467.8	1,643.0
Kuwait	1,214.1	1,138.0	1,242.9	1,414.9	1,650.8	1,723.4	1,612.9
SP Libyan AJ	987.6	983.6	1,126.5	1,284.5	1,306.3	1,425.6	1,377.8
Nigeria	2,009.4	1,798.2	2,163.5	2,356.0	2,326.0	2,248.4	2,144.1
Qatar	605.5	567.8	540.7	542.7	677.3	620.3	615.1
Saudi Arabia	6,035.9	5,284.6	6,522.9	6,813.1	7,208.9	7,029.4	6,962.1
United Arab Emirates	1,786.7	1,614.0	2,048.0	2,172.0	2,195.0	2,420.3	2,342.7
Venezuela	1,964.7	1,572.0	1,535.0	1,566.2	1,787.8	1,919.4	2,115.6
OPEC	20,490.5	18,845.1	20,228.4	22,903.9	23,690.3	23,866.8	24,352.2

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

Table 24

Summary

OPEC crude oil exports by region, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
North America	2,523.4	2,837.7	3,489.9	3,884.6	3,829.1	3,525.2	3,851.9
<i>United States</i>	2,333.9	2,603.6	3,206.1	3,575.8	3,511.5	3,306.5	3,620.2
Latin America	701.6	790.8	738.0	778.1	732.5	923.6	847.7
Eastern Europe	408.9	473.9	519.2	333.0	230.0	247.2	148.9
Western Europe	4,573.7	4,911.8	5,409.5	5,625.3	5,887.4	5,780.2	5,837.7
<i>France</i>	534.5	592.4	690.1	780.8	929.0	902.1	1,087.7
<i>Germany</i>	467.7	561.0	651.3	700.3	738.9	741.1	626.5
<i>Italy</i>	990.6	888.1	982.0	1,136.6	1,235.4	1,142.4	1,120.0
<i>United Kingdom</i>	187.5	250.0	216.0	306.8	329.6	274.2	350.8
Middle East	314.7	289.4	293.5	310.0	301.2	320.1	308.5
Africa	224.9	202.3	236.9	300.3	361.8	283.4	277.0
Asia and Pacific	3,400.1	3,864.5	4,601.3	5,155.5	5,991.4	6,813.4	7,133.5
<i>Japan</i>	2,291.2	2,321.6	2,682.5	2,964.5	3,128.2	3,253.5	3,371.2
Unspecified	53.7	107.5	76.1	149.3	100.9	243.7	189.0
Total world	12,200.9	13,477.8	15,364.3	16,536.1	17,434.3	18,136.8	18,594.2
	1994	1995	1996	1997	1998	1999	2000
North America	3,953.7	3,884.7	3,901.3	4,434.3	5,086.4	4,682.2	5,272.6
<i>United States</i>	3,648.0	3,537.5	3,559.4	4,074.2	4,684.2	4,304.3	4,962.0
Latin America	903.4	774.2	888.8	810.0	862.0	926.4	1,002.1
Eastern Europe	184.0	207.8	194.2	238.6	258.8	185.1	205.1
Western Europe	5,546.7	5,383.5	5,364.2	5,608.4	6,140.1	5,272.2	5,185.2
<i>France</i>	973.6	977.6	918.0	951.7	1,096.7	907.3	839.9
<i>Germany</i>	744.8	597.9	576.2	532.4	550.1	478.5	499.7
<i>Italy</i>	938.9	1,028.9	1,113.6	1,258.9	1,357.6	1,188.7	1,212.2
<i>United Kingdom</i>	231.0	205.4	183.8	137.4	157.2	95.3	76.2
Middle East	324.7	317.3	331.0	331.6	341.3	330.2	272.1
Africa	299.1	509.2	520.7	567.1	581.7	559.4	621.8
Asia and Pacific	7,397.4	7,631.2	7,768.8	7,932.6	8,113.7	7,909.5	8,333.6
<i>Japan</i>	3,598.7	3,598.0	3,558.2	3,743.3	3,563.2	3,492.8	3,542.5
Unspecified	160.0	231.7	268.3	269.2	175.7	515.7	634.6
Total world	18,769.0	18,939.6	19,237.2	20,191.9	21,559.6	20,380.9	21,527.1
	2001	2002	2003	2004	2005	2006	2007
North America	5,430.2	4,772.4	4,659.3	5,768.3	5,598.3	6,140.9	6,711.5
<i>United States</i>	5,081.5	4,374.4	4,272.8	5,267.7	5,026.9	5,727.4	6,299.8
Latin America	980.7	845.5	857.4	966.5	1,034.6	913.1	913.4
Eastern Europe	152.7	126.5	153.9	163.2	29.6	6.2	91.3
Western Europe	4,456.1	4,074.5	4,142.7	4,690.2	5,089.4	4,838.6	4,483.2
<i>France</i>	788.8	711.6	753.6	825.7	692.3	812.1	620.4
<i>Germany</i>	419.0	376.1	367.6	430.9	425.0	460.0	375.5
<i>Italy</i>	1,027.4	1,033.5	1,033.8	1,144.0	1,230.3	1,165.0	986.5
<i>United Kingdom</i>	83.5	127.6	112.4	128.4	108.1	99.3	109.8
Middle East	271.2	238.9	236.0	338.6	558.2	299.9	336.6
Africa	549.0	491.0	648.9	704.7	675.1	486.6	454.2
Asia and Pacific	8,104.8	7,909.2	8,827.9	9,582.1	10,256.8	10,688.6	10,947.8
<i>Japan</i>	2,991.6	3,830.9	3,708.5	4,307.0	5,932.6	5,790.1	5,168.5
Unspecified	545.9	387.1	702.3	690.2	448.2	493.0	414.4
Total world	20,490.5	18,845.1	20,228.4	22,903.9	23,690.3	23,866.8	24,352.2

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

Share of total OPEC crude oil exports by region, 1987–2007 (*per cent*)

	1987	1988	1989	1990	1991	1992	1993
North America	20.7	21.1	22.7	23.5	22.0	19.4	20.7
<i>United States</i>	19.1	19.3	20.9	21.6	20.1	18.2	19.5
Latin America	5.8	5.9	4.8	4.7	4.2	5.1	4.6
Eastern Europe	3.4	3.5	3.4	2.0	1.3	1.4	0.8
Western Europe	37.5	36.4	35.2	34.0	33.8	31.9	31.4
<i>France</i>	4.4	4.4	4.5	4.7	5.3	5.0	5.8
<i>Germany</i>	3.8	4.2	4.2	4.2	4.2	4.1	3.4
<i>Italy</i>	8.1	6.6	6.4	6.9	7.1	6.3	6.0
<i>United Kingdom</i>	1.5	1.9	1.4	1.9	1.9	1.5	1.9
Middle East	2.6	2.1	1.9	1.9	1.7	1.8	1.7
Africa	1.8	1.5	1.5	1.8	2.1	1.6	1.5
Asia and Pacific	27.9	28.7	29.9	31.2	34.4	37.6	38.4
<i>Japan</i>	18.8	17.2	17.5	17.9	17.9	17.9	18.1
Unspecified	0.4	0.8	0.5	0.9	0.6	1.3	1.0
Total world	100	100	100	100	100	100	100

	1994	1995	1996	1997	1998	1999	2000
North America	21.1	20.5	20.3	22.0	23.6	23.0	24.5
<i>United States</i>	19.4	18.7	18.5	20.2	21.7	21.1	23.0
Latin America	4.8	4.1	4.6	4.0	4.0	4.5	4.7
Eastern Europe	1.0	1.1	1.0	1.2	1.2	0.9	1.0
Western Europe	29.6	28.4	27.9	27.8	28.5	25.9	24.1
<i>France</i>	5.2	5.2	4.8	4.7	5.1	4.5	3.9
<i>Germany</i>	4.0	3.2	3.0	2.6	2.6	2.3	2.3
<i>Italy</i>	5.0	5.4	5.8	6.2	6.3	5.8	5.6
<i>United Kingdom</i>	1.2	1.1	1.0	0.7	0.7	0.5	0.4
Middle East	1.7	1.7	1.7	1.6	1.6	1.6	1.3
Africa	1.6	2.7	2.7	2.8	2.7	2.7	2.9
Asia and Pacific	39.4	40.3	40.4	39.3	37.6	38.8	38.7
<i>Japan</i>	19.2	19.0	18.5	18.5	16.5	17.1	16.5
Unspecified	0.9	1.2	1.4	1.3	0.8	2.5	2.9
Total world	100	100	100	100	100	100	100

	2001	2002	2003	2004	2005	2006	2007
North America	26.5	25.3	23.0	25.2	23.6	25.7	27.6
<i>United States</i>	24.8	23.2	21.1	23.0	21.2	24.0	25.9
Latin America	4.8	4.5	4.2	4.2	4.4	3.8	3.8
Eastern Europe	0.7	0.7	0.8	0.7	0.1	–	0.4
Western Europe	21.7	21.6	20.5	20.5	21.5	20.3	18.4
<i>France</i>	3.8	3.8	3.7	3.6	2.9	3.4	2.5
<i>Germany</i>	2.0	2.0	1.8	1.9	1.8	1.9	1.5
<i>Italy</i>	5.0	5.5	5.1	5.0	5.2	4.9	4.1
<i>United Kingdom</i>	0.4	0.7	0.6	0.6	0.5	0.4	0.5
Middle East	1.3	1.3	1.2	1.5	2.4	1.3	1.4
Africa	2.7	2.6	3.2	3.1	2.8	2.0	1.9
Asia and Pacific	39.6	42.0	43.6	41.8	43.3	44.8	45.0
<i>Japan</i>	14.6	20.3	18.3	18.8	25.0	24.3	21.2
Unspecified	2.7	2.1	3.5	3.0	1.9	2.1	1.7
Total world	100	100	100	100	100	100	100

Notes: Data includes re-exports.

Table 26

Summary

World crude oil exports by region, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
North America	771.0	864.4	788.3	763.0	878.7	926.4	1,015.5
Latin America	2,919.9	2,909.7	2,890.6	3,148.7	3,377.9	3,498.4	3,622.3
Eastern Europe	2,684.6	2,822.9	2,502.1	2,132.9	1,215.0	1,479.7	1,802.0
Western Europe	2,533.5	2,451.0	2,379.7	2,564.7	2,832.4	3,073.1	3,350.9
Middle East	8,573.7	9,910.3	11,386.4	12,078.3	12,491.6	13,386.8	13,916.1
Africa	3,386.9	3,485.9	3,974.7	4,348.4	4,676.3	4,619.9	4,528.2
Asia and Pacific	1,904.1	1,917.8	1,902.0	2,099.2	2,305.1	2,228.9	2,235.9
Total world	22,773.7	24,362.0	25,823.9	27,135.3	27,777.0	29,213.2	30,470.9
OPEC	12,200.9	13,477.8	15,364.3	16,536.1	17,434.3	18,136.8	18,594.2
<i>OPEC percentage</i>	<i>53.6</i>	<i>55.3</i>	<i>59.5</i>	<i>60.9</i>	<i>62.8</i>	<i>62.1</i>	<i>61.0</i>
	1994	1995	1996	1997	1998	1999	2000
North America	1,081.3	1,152.5	1,182.3	1,139.6	1,258.7	1,168.0	1,231.3
Latin America	3,872.1	4,247.5	4,625.6	5,120.9	5,254.0	4,774.5	4,906.1
Eastern Europe	1,878.1	1,888.9	2,069.0	2,177.9	3,045.3	3,440.9	4,144.9
Western Europe	4,029.1	4,250.0	4,523.6	4,583.8	4,527.3	4,680.7	4,990.9
Middle East	13,859.4	13,864.2	13,830.4	14,489.2	15,602.7	15,152.5	16,087.6
Africa	4,422.1	4,597.1	4,891.5	5,053.3	5,274.1	4,893.8	5,209.0
Asia and Pacific	2,291.7	2,250.4	2,204.1	2,201.5	2,193.1	2,188.3	2,230.1
Total world	31,433.8	32,250.6	33,326.5	34,766.2	37,155.1	36,298.7	38,799.8
OPEC	18,769.0	18,939.6	19,237.2	20,191.9	21,559.6	20,380.9	21,527.1
<i>OPEC percentage</i>	<i>59.7</i>	<i>58.7</i>	<i>57.7</i>	<i>58.1</i>	<i>58.0</i>	<i>56.1</i>	<i>55.5</i>
	2001	2002	2003	2004	2005	2006	2007
North America	1,168.0	1,174.5	1,251.7	1,375.9	1,378.2	1,393.4	1,422.1
Latin America	4,817.3	4,477.7	4,523.1	4,605.7	4,739.1	4,900.3	5,163.5
Eastern Europe	4,593.9	5,583.7	6,481.9	7,309.4	7,726.9	8,198.6	8,553.4
Western Europe	4,883.0	4,792.6	4,419.0	4,261.7	3,649.3	3,764.9	3,919.0
Middle East	15,231.9	13,799.6	14,591.4	16,386.2	16,894.7	16,944.4	16,968.3
Africa	5,098.0	5,127.2	5,763.3	6,380.3	6,481.5	6,582.9	6,883.2
Asia and Pacific	2,275.4	2,332.6	2,095.1	2,005.8	1,961.1	1,876.6	1,923.0
Total world	38,067.5	37,287.9	39,125.4	42,325.0	42,830.7	43,661.2	44,832.4
OPEC	20,490.5	18,845.1	20,228.4	22,903.9	23,690.3	23,866.8	24,352.2
<i>OPEC percentage</i>	<i>53.8</i>	<i>50.5</i>	<i>51.7</i>	<i>54.1</i>	<i>55.3</i>	<i>54.7</i>	<i>54.3</i>

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

Table 27
Summary

Exports of refined products by OPEC Members, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
Algeria	365.0	375.0	393.3	452.8	400.0	419.1	374.6
Angola	11.3	9.0	8.7	9.0	11.0	12.6	10.7
Ecuador	9.7	25.8	25.4	30.8	31.1	29.6	35.9
Indonesia	187.9	204.9	230.8	239.7	230.0	254.4	239.1
IR Iran	3.0	8.0	38.0	60.0	88.0	70.0	70.0
Iraq	110.0	110.0	145.0	126.2	11.5	16.1	17.6
Kuwait	553.0	635.0	690.0	380.0	40.0	256.0	419.0
SP Libyan AJ	110.5	90.0	127.5	150.0	140.0	170.0	142.0
Nigeria	15.7	21.0	30.0	30.0	31.0	30.0	32.5
Qatar	41.1	44.0	75.0	74.0	81.6	103.8	116.2
Saudi Arabia	909.0	1,141.0	1,072.6	1,305.8	1,226.1	1,287.6	1,385.7
United Arab Emirates	114.0	117.0	155.0	165.0	170.0	173.0	160.0
Venezuela	477.3	622.5	617.7	616.8	712.0	615.2	632.2
OPEC	2,907.5	3,403.2	3,609.0	3,640.2	3,172.3	3,437.4	3,635.6
	1994	1995	1996	1997	1998	1999	2000
Algeria	384.0	395.8	406.1	462.3	461.9	599.7	544.3
Angola	13.2	13.9	14.5	15.6	15.5	16.6	16.7
Ecuador	39.0	35.7	41.0	33.2	39.3	39.6	43.6
Indonesia	250.1	294.1	297.1	257.3	220.8	191.9	188.8
IR Iran	119.5	165.6	172.5	225.9	277.8	362.9	347.3
Iraq	17.8	18.3	23.6	18.9	23.0	23.0	23.0
Kuwait	622.3	794.2	751.5	848.0	795.0	838.6	674.5
SP Libyan AJ	130.0	132.7	125.3	147.9	168.6	201.2	237.0
Nigeria	25.0	38.8	22.6	25.3	3.8	14.1	47.3
Qatar	103.0	98.0	107.0	125.0	95.1	75.3	75.3
Saudi Arabia	1,360.1	1,321.6	1,492.0	1,392.9	1,368.9	1,279.7	1,228.1
United Arab Emirates	155.0	269.1	271.9	323.1	319.1	331.0	391.7
Venezuela	633.5	688.3	742.1	841.5	846.2	828.0	779.6
OPEC	3,852.5	4,266.1	4,467.2	4,716.8	4,635.1	4,801.5	4,597.1
	2001	2002	2003	2004	2005	2006	2007
Algeria	555.8	527.2	528.3	446.0	451.9	435.1	451.3
Angola	17.0	16.8	13.4	13.6	13.9	14.2	26.6
Ecuador	38.7	59.9	27.4	27.6	19.7	34.5	40.0
Indonesia	196.3	152.4	155.3	143.5	142.3	225.7	106.9
IR Iran	307.7	328.0	333.2	339.6	402.1	461.6	388.3
Iraq	25.0	22.5	10.5	11.5	13.5	56.3	65.6
Kuwait	642.3	572.2	623.1	604.2	614.2	749.5	739.1
SP Libyan AJ	225.0	221.1	145.4	161.5	162.5	183.1	183.1
Nigeria	65.7	78.2	67.7	66.9	49.3	50.3	53.4
Qatar	78.1	67.3	61.5	64.9	76.8	81.1	73.9
Saudi Arabia	1,082.6	993.5	1,128.6	1,334.4	1,385.4	1,277.6	1,138.8
United Arab Emirates	398.2	485.5	513.6	503.6	509.0	452.8	407.7
Venezuela	761.1	569.7	485.0	573.8	609.3	598.5	638.8
OPEC	4,393.5	4,094.3	4,092.9	4,291.0	4,449.7	4,620.2	4,313.6

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

Table 28

Summary

World exports of refined products by region, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
North America	1,004.4	1,142.3	1,197.0	1,260.7	1,414.2	1,394.6	1,447.9
Latin America	1,448.6	1,625.0	1,678.0	1,665.8	1,752.7	1,685.9	1,849.9
Eastern Europe	1,584.4	1,561.4	1,519.1	1,169.6	996.2	759.8	913.0
Western Europe	3,443.7	3,559.5	3,664.4	3,910.0	3,899.9	4,156.1	4,330.1
Middle East	2,106.1	2,418.0	2,554.4	2,499.0	1,975.9	2,285.2	2,542.5
Africa	636.9	641.7	726.6	827.9	779.1	834.3	807.9
Asia and Pacific	1,280.7	1,323.2	1,504.3	1,561.4	1,728.0	1,906.3	2,064.7
Total world	11,504.7	12,271.0	12,843.8	12,894.2	12,546.0	13,022.2	13,955.9
OPEC	2,907.5	3,403.2	3,609.0	3,640.2	3,172.3	3,437.4	3,635.6
<i>OPEC percentage</i>	25.3	27.7	28.1	28.2	25.3	26.4	26.1

	1994	1995	1996	1997	1998	1999	2000
North America	1,401.1	1,467.3	1,570.3	1,651.0	1,619.2	1,610.8	1,786.4
Latin America	1,794.3	1,790.9	1,838.5	2,012.1	2,150.4	2,148.9	2,117.0
Eastern Europe	1,018.1	1,007.4	1,150.7	1,177.6	1,064.8	1,089.5	1,272.3
Western Europe	4,391.9	4,227.1	4,473.9	4,592.5	4,655.3	4,597.0	4,836.0
Middle East	2,775.2	3,032.7	3,184.6	3,330.1	3,276.9	3,292.0	3,114.4
Africa	840.3	862.0	855.5	1,038.1	941.6	1,132.6	1,164.3
Asia and Pacific	2,103.6	2,360.9	2,691.7	2,951.6	2,916.9	2,786.4	2,898.6
Total world	14,324.5	14,748.3	15,765.3	16,753.0	16,625.1	16,657.2	17,189.1
OPEC	3,852.5	4,266.1	4,467.2	4,716.8	4,635.1	4,801.5	4,597.1
<i>OPEC percentage</i>	26.9	28.9	28.3	28.2	27.9	28.8	26.7

	2001	2002	2003	2004	2005	2006	2007
North America	1,823.9	1,830.8	1,870.4	1,860.6	1,974.9	2,133.3	2,216.5
Latin America	2,245.2	2,075.8	1,942.4	2,013.8	2,060.0	2,129.8	2,208.2
Eastern Europe	1,456.2	1,800.7	1,879.1	2,098.2	2,410.1	2,613.5	2,448.5
Western Europe	4,761.5	4,503.0	4,738.3	5,236.5	5,586.9	5,781.5	5,558.7
Middle East	2,899.1	2,835.8	3,051.7	3,220.6	3,375.8	3,450.8	3,319.3
Africa	1,205.3	1,168.5	1,083.4	1,042.8	1,040.3	1,053.5	1,095.1
Asia and Pacific	3,030.6	2,912.2	3,149.7	3,497.5	3,693.4	3,960.1	4,046.1
Total world	17,421.8	17,126.8	17,714.9	18,970.2	20,141.3	21,122.6	20,892.5
OPEC	4,393.5	4,094.3	4,092.9	4,291.0	4,449.7	4,620.2	4,313.6
<i>OPEC percentage</i>	25.2	23.9	23.1	22.6	22.1	21.9	20.6

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

Exports of crude oil and refined products by OPEC Members, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
Algeria	605.0	619.0	673.8	733.4	744.7	698.5	682.6
Angola	353.7	362.9	374.3	448.0	470.9	520.9	475.4
Ecuador	121.3	219.2	209.2	210.4	219.4	244.2	265.8
Indonesia	888.9	851.5	906.5	924.4	1,028.8	906.4	920.7
IR Iran	1,713.0	1,704.0	2,158.0	2,280.0	2,508.0	2,598.0	2,670.0
Iraq	1,827.0	2,205.0	2,405.0	1,722.2	50.5	76.8	76.8
Kuwait	1,160.0	1,333.0	1,540.0	1,025.0	125.0	951.6	1,859.0
SP Libyan AJ	920.5	980.0	999.5	1,240.0	1,360.0	1,350.0	1,252.0
Nigeria	1,080.9	1,131.5	1,555.9	1,580.0	1,641.0	1,615.0	1,589.5
Qatar	255.1	270.0	395.0	421.8	418.2	466.1	456.8
Saudi Arabia	3,325.5	4,171.1	4,408.1	5,805.6	7,752.4	7,869.5	7,678.6
United Arab Emirates	1,353.3	1,438.5	1,744.0	1,926.6	2,194.4	2,233.0	2,130.0
Venezuela	1,504.2	1,595.2	1,604.0	1,858.8	2,093.3	2,044.2	2,172.5
OPEC	15,108.4	16,881.0	18,973.3	20,176.3	20,606.5	21,574.3	22,229.8

	1994	1995	1996	1997	1998	1999	2000
Algeria	713.2	728.6	796.9	835.4	1,011.3	1,014.2	1,005.3
Angola	513.8	580.6	636.3	676.3	741.0	748.8	765.3
Ecuador	289.4	307.1	284.4	296.7	286.8	282.8	295.4
Indonesia	1,042.7	1,038.0	1,003.8	967.0	898.8	973.8	811.3
IR Iran	2,769.5	2,786.6	2,802.5	2,812.9	2,789.8	2,653.9	2,839.5
Iraq	77.8	81.8	111.7	765.5	1,440.6	2,153.9	2,062.8
Kuwait	1,885.8	1,980.6	1,975.7	1,982.2	1,985.0	1,786.7	1,905.2
SP Libyan AJ	1,255.0	1,253.0	1,248.7	1,263.6	1,329.6	1,192.9	1,242.0
Nigeria	1,615.0	1,703.8	1,835.5	1,880.8	1,836.7	1,719.2	2,033.7
Qatar	425.6	431.0	474.0	526.5	667.5	655.8	692.9
Saudi Arabia	7,593.7	7,612.4	7,601.3	7,577.4	7,759.3	6,999.3	7,481.2
United Arab Emirates	2,110.0	2,194.1	2,215.1	2,272.1	2,358.1	2,250.0	2,206.6
Venezuela	2,329.9	2,508.2	2,718.5	3,052.3	3,090.1	2,751.0	2,783.1
OPEC	22,621.5	23,205.7	23,704.4	24,908.7	26,194.7	25,182.4	26,124.2

	2001	2002	2003	2004	2005	2006	2007
Algeria	997.3	1,093.5	1,269.3	1,339.2	1,422.2	1,382.3	1,704.8
Angola	710.9	866.0	836.3	954.5	960.8	1,024.5	1,184.2
Ecuador	295.9	303.2	294.4	401.3	399.6	410.8	381.7
Indonesia	795.5	792.3	588.3	556.2	516.7	527.0	426.2
IR Iran	2,492.3	2,421.6	2,729.5	3,023.6	2,796.5	2,838.8	2,855.1
Iraq	1,735.2	1,517.1	399.1	1,461.5	1,485.7	1,524.1	1,708.7
Kuwait	1,856.4	1,710.2	1,866.0	2,019.0	2,265.0	2,472.9	2,352.0
SP Libyan AJ	1,212.6	1,204.6	1,271.9	1,446.0	1,468.8	1,608.7	1,560.9
Nigeria	2,075.2	1,876.4	2,231.2	2,422.9	2,375.2	2,298.7	2,197.5
Qatar	683.6	635.1	602.2	607.6	754.1	701.4	689.0
Saudi Arabia	7,118.4	6,278.1	7,651.5	8,147.5	8,594.3	8,306.9	8,100.9
United Arab Emirates	2,184.9	2,099.5	2,561.6	2,675.6	2,704.0	2,873.1	2,750.4
Venezuela	2,725.8	2,141.7	2,020.0	2,140.0	2,397.1	2,517.8	2,754.4
OPEC	24,884.0	22,939.5	24,321.4	27,194.9	28,140.0	28,487.0	28,665.8

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

Table 30

Summary

World exports of crude oil and refined products by region, 1987–2007 (1,000 b/d)

	1987	1988	1989	1990	1991	1992	1993
North America	1,775.4	2,006.7	1,985.3	2,023.7	2,292.9	2,321.0	2,463.4
Latin America	4,368.4	4,534.7	4,568.6	4,814.5	5,130.6	5,184.3	5,472.2
Eastern Europe	4,269.0	4,384.3	4,021.2	3,302.5	2,211.2	2,239.5	2,715.0
Western Europe	5,977.1	6,010.4	6,044.1	6,474.6	6,732.3	7,229.2	7,681.0
Middle East	10,679.8	12,328.2	13,940.8	14,577.3	14,467.5	15,672.0	16,458.6
Africa	4,023.8	4,127.6	4,701.4	5,176.3	5,455.4	5,454.2	5,336.0
Asia and Pacific	3,184.8	3,241.0	3,406.3	3,660.6	4,033.1	4,135.2	4,300.7
Total world	34,278.4	36,633.0	38,667.7	40,029.5	40,323.0	42,235.4	44,426.8
OPEC	15,108.4	16,881.0	18,973.3	20,176.3	20,606.5	21,574.3	22,229.8
<i>OPEC percentage</i>	<i>44.1</i>	<i>46.1</i>	<i>49.1</i>	<i>50.4</i>	<i>51.1</i>	<i>51.1</i>	<i>50.0</i>
	1994	1995	1996	1997	1998	1999	2000
North America	2,482.4	2,619.8	2,752.6	2,790.6	2,877.8	2,778.8	3,017.7
Latin America	5,666.3	6,038.4	6,464.1	7,133.0	7,404.4	6,923.5	7,023.1
Eastern Europe	2,896.2	2,896.3	3,219.7	3,355.5	4,110.1	4,530.4	5,417.2
Western Europe	8,421.0	8,477.1	8,997.5	9,176.4	9,182.5	9,277.7	9,826.9
Middle East	16,634.6	16,897.0	17,015.0	17,819.3	18,879.6	18,444.5	19,202.0
Africa	5,262.4	5,459.1	5,747.0	6,091.3	6,215.7	6,026.4	6,373.3
Asia and Pacific	4,395.3	4,611.3	4,895.8	5,153.1	5,110.0	4,974.7	5,128.7
Total world	45,758.3	46,998.9	49,091.8	51,519.2	53,780.2	52,956.0	55,988.9
OPEC	22,621.5	23,205.7	23,704.4	24,908.7	26,194.7	25,182.4	26,124.2
<i>OPEC percentage</i>	<i>49.4</i>	<i>49.4</i>	<i>48.3</i>	<i>48.3</i>	<i>48.7</i>	<i>47.6</i>	<i>46.7</i>
	2001	2002	2003	2004	2005	2006	2007
North America	2,992.0	3,005.3	3,122.1	3,236.5	3,353.0	3,526.6	3,638.6
Latin America	7,062.5	6,553.5	6,465.4	6,619.6	6,799.1	7,030.1	7,371.8
Eastern Europe	6,050.0	7,384.4	8,361.0	9,407.6	10,137.0	10,812.1	11,001.9
Western Europe	9,644.4	9,295.6	9,157.3	9,498.3	9,236.2	9,546.4	9,477.7
Middle East	18,131.0	16,635.4	17,643.1	19,606.8	20,270.5	20,395.2	20,287.6
Africa	6,303.4	6,295.7	6,846.7	7,423.1	7,521.7	7,636.5	7,978.2
Asia and Pacific	5,306.0	5,244.8	5,244.7	5,503.3	5,654.5	5,836.8	5,969.1
Total world	55,489.3	54,414.7	56,840.3	61,295.2	62,972.0	64,783.7	65,724.9
OPEC	24,884.0	22,939.5	24,321.4	27,194.9	28,140.0	28,487.0	28,665.8
<i>OPEC percentage</i>	<i>44.8</i>	<i>42.2</i>	<i>42.8</i>	<i>44.4</i>	<i>44.7</i>	<i>44.0</i>	<i>43.6</i>

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

Natural gas exports by OPEC Members, 1987–2007 (million standard cu m)

	1987	1988	1989	1990	1991	1992	1993
Algeria	25,750	26,120	29,420	31,330	33,890	35,488	35,054
Angola	–	–	–	–	–	–	–
Ecuador	–	–	–	–	–	–	–
Indonesia	22,121	24,580	24,870	27,530	29,710	31,630	31,800
IR Iran	–	–	–	1,500	3,010	–	500
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
Nigeria	–	–	–	–	–	–	–
Qatar	–	–	–	–	–	–	–
Saudi Arabia	–	–	–	–	–	–	–
United Arab Emirates	2,869	3,180	3,110	3,200	3,450	3,420	3,350
Venezuela	–	–	–	–	–	–	–
OPEC	54,290	58,040	62,430	66,800	71,640	72,378	72,304
	1994	1995	1996	1997	1998	1999	2000
Algeria	31,693	37,356	40,970	48,740	52,690	59,320	61,693
Angola	–	–	–	–	–	–	–
Ecuador	–	–	–	–	–	–	–
Indonesia	35,150	33,310	35,280	35,280	36,400	39,120	36,220
IR Iran	–	100	100	–	–	–	–
Iraq	–	–	–	–	–	–	–
Kuwait	–	–	–	–	–	–	–
SP Libyan AJ	1,480	1,490	1,200	1,120	910	960	800
Nigeria	–	–	–	–	–	740	5,730
Qatar	–	–	–	2,860	4,790	8,100	14,040
Saudi Arabia	–	–	–	–	–	–	–
United Arab Emirates	4,150	6,530	6,740	7,310	6,720	7,070	6,950
Venezuela	–	–	–	–	–	–	–
OPEC	72,473	78,786	84,290	95,310	101,510	115,310	125,433
	2001	2002	2003	2004	2005	2006	2007*
Algeria	56,975	57,864	59,850	59,637	64,266	61,071	58,907
Angola	–	–	–	–	–	–	–
Ecuador	–	–	–	–	–	–	–
Indonesia	32,910	37,685	39,400	38,500	36,300	34,400	32,600
IR Iran	358	670	3,413	3,560	4,735	5,727	6,023
Iraq	–	–	–	–	–	–	–
Kuwait	–	–	–	–	–	–	–
SP Libyan AJ	790	630	750	1,200	5,400	8,410	9,050
Nigeria	8,690	8,633	11,790	12,600	12,000	17,580	21,200
Qatar	16,540	18,390	20,245	24,200	27,100	31,100	39,300
Saudi Arabia	–	–	–	–	–	–	–
United Arab Emirates	7,460	7,113	7,297	8,087	7,499	7,767	7,549
Venezuela	–	–	–	–	–	–	–
OPEC	123,723	130,985	142,745	147,784	157,300	166,055	174,629

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

Table 32

Summary

World natural gas exports by region, 1987–2007 (*million standard cu m*)

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

	1994	1995	1996	1997	1998	1999	2000
North America	75,340	83,791	85,638	86,370	90,630	99,240	108,445
Latin America	2,180	2,178	2,436	2,981	3,825	8,750	10,540
Eastern Europe	106,730	117,270	123,460	116,450	121,100	127,490	131,670
Western Europe	73,870	71,370	90,120	89,660	88,480	95,500	109,490
Middle East	4,160	7,130	7,340	10,670	12,010	15,670	23,700
Africa	33,173	38,846	42,170	49,860	53,600	61,020	68,223
Asia and Pacific	64,040	66,660	72,700	74,830	76,000	79,490	78,480
Total world	359,493	387,245	423,864	430,821	445,645	487,160	530,548
OPEC	72,473	78,786	84,290	95,310	101,510	115,310	125,433
<i>OPEC percentage</i>	<i>20.2</i>	<i>20.3</i>	<i>19.9</i>	<i>22.1</i>	<i>22.8</i>	<i>23.7</i>	<i>23.6</i>

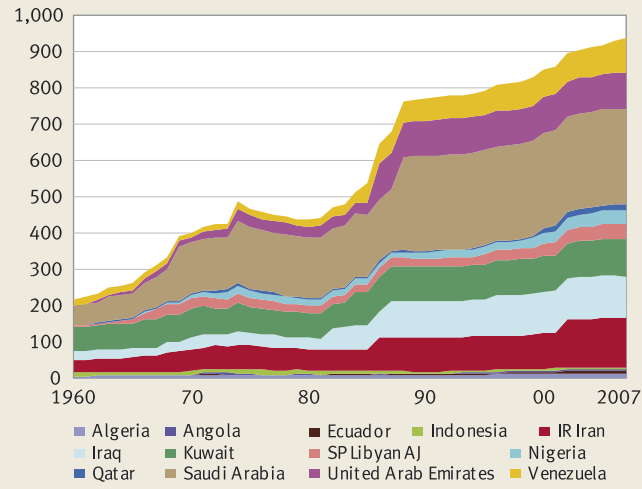
	2001	2002	2003	2004	2005	2006	2007*
North America	117,781	122,220	118,444	126,346	124,800	121,060	130,500
Latin America	13,870	16,000	23,260	29,640	30,950	33,270	33,900
Eastern Europe	130,590	130,410	139,276	158,200	163,900	163,800	162,400
Western Europe	114,380	131,340	145,640	156,560	160,560	168,590	172,780
Middle East	31,788	34,633	40,565	46,447	49,934	57,534	65,972
Africa	66,455	67,127	72,740	74,537	89,896	103,961	104,857
Asia and Pacific	78,600	83,555	91,430	95,800	100,700	101,040	104,500
Total world	553,464	585,285	631,355	687,530	720,740	749,255	774,909
OPEC	123,723	130,985	142,745	147,784	157,300	166,055	174,629
<i>OPEC percentage</i>	<i>22.4</i>	<i>22.4</i>	<i>22.6</i>	<i>21.5</i>	<i>21.8</i>	<i>22.2</i>	<i>22.5</i>

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

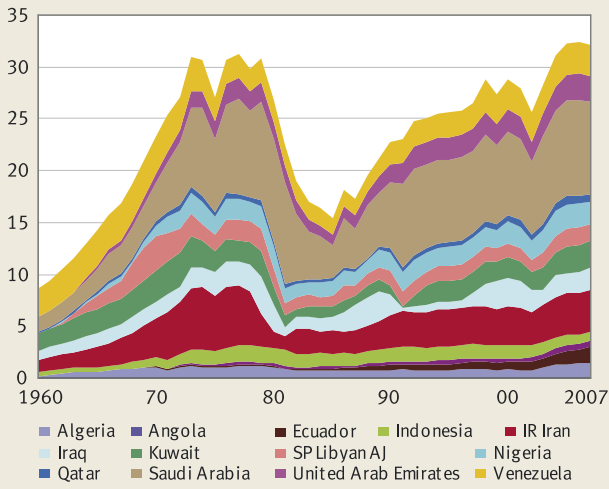
data
Oil and gas



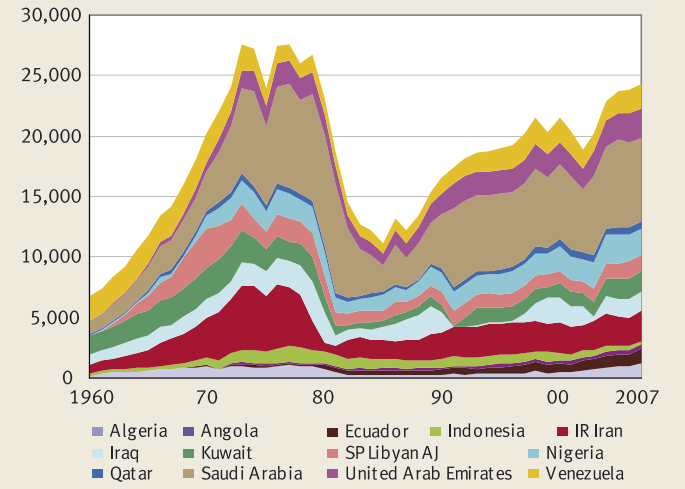
OPEC proven crude oil reserves
(bn b)



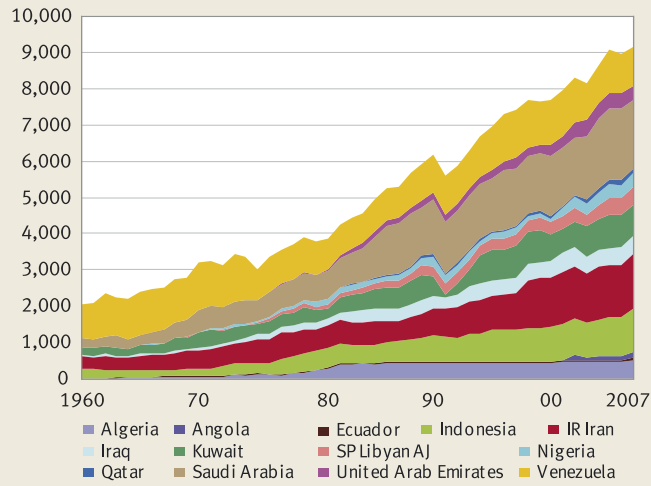
OPEC crude oil production
(m b/d)



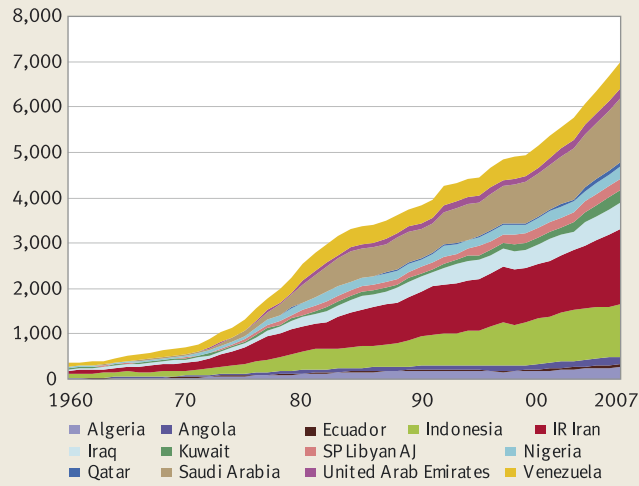
OPEC crude oil exports
(1,000 b/d)



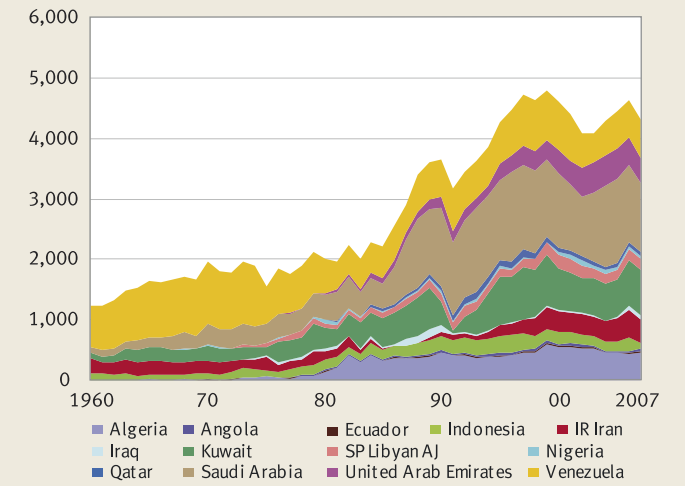
OPEC production of refined products
(1,000 b/d)



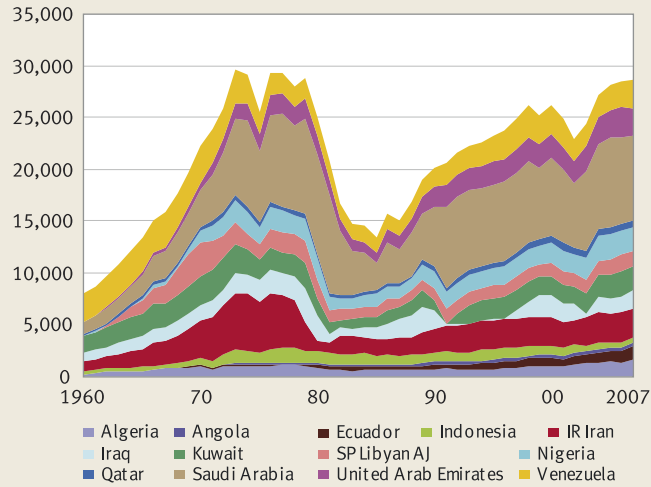
OPEC consumption of refined products
(1,000 b/d)



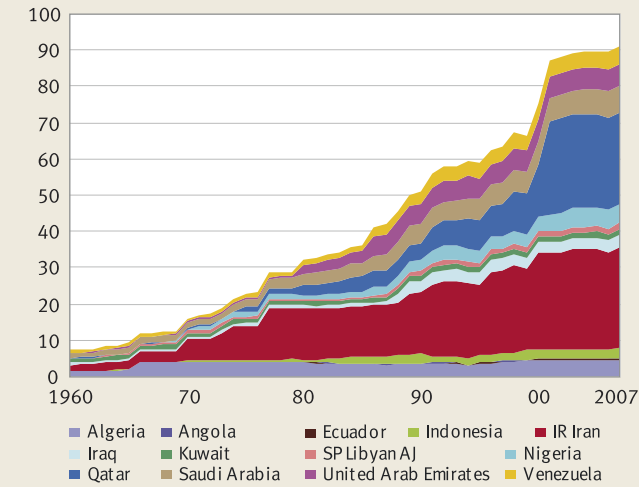
OPEC exports of refined products
(1,000 b/d)



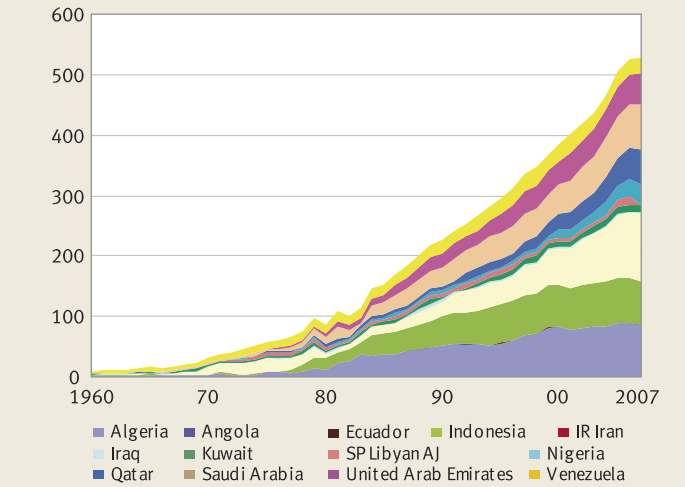
OPEC exports of crude oil and refined products
(1,000 b/d)



OPEC proven natural gas reserves by country
(1,000 bn standard cu m)



OPEC marketed production of natural gas
(bn standard cu m)



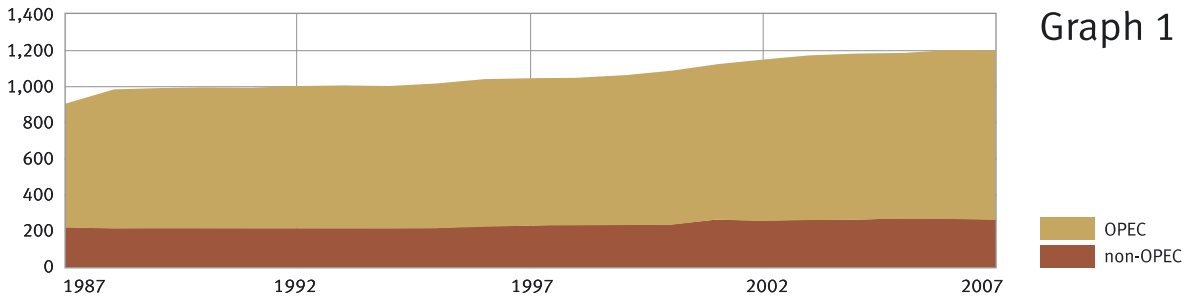
World proven crude oil reserves by country, 2003–2007 (m b)

	2003	2004	2005	2006	2007	% change 07/06
North America	26,954	26,243	26,579	26,699	25,914	-2.9
Canada ¹	4,254	4,352	5,208	4,942	4,942	–
United States	22,700	21,891	21,371	21,757	20,972	-3.6
Latin America	117,045	118,700	118,141	123,717	134,691	8.9
Argentina	2,675	2,320	2,320	2,468	2,586	4.8
Brazil	10,602	11,243	11,772	12,182	12,182	–
Colombia	1,542	1,478	1,453	1,506	1,506	–
Ecuador	5,060	5,060	4,866	4,664	4,664	–
Mexico	16,040	14,803	13,670	12,850	11,650	-9.3
Venezuela	77,226	79,729	80,012	87,324	99,377	13.8
Others	3,900	4,067	4,048	2,724	2,725	–
Eastern Europe	121,954	124,451	128,597	129,056	129,049	–
Former USSR	121,057	123,580	127,713	128,254	128,254	–
Others	897	871	884	802	795	-0.9
Western Europe	17,656	16,910	16,716	15,372	15,110	-1.7
Denmark	1,277	1,327	1,277	1,157	1,157	–
Norway	10,099	9,637	9,642	8,499	8,499	–
United Kingdom	4,283	3,998	3,870	3,870	3,600	-7.0
Others	1,997	1,948	1,927	1,846	1,854	0.4
Middle East	735,083	739,136	742,688	743,858	741,566	-0.3
IR Iran	133,250	132,460	136,270	138,400	136,150	-1.6
Iraq	115,000	115,000	115,000	115,000	115,000	–
Kuwait	99,000	101,500	101,500	101,500	101,500	–
Oman	5,572	5,572	5,572	5,572	5,572	–
Qatar	15,207	15,207	15,207	15,207	15,207	–
Saudi Arabia	262,730	264,310	264,211	264,251	264,209	–
Syrian Arab Republic	2,395	3,159	3,000	3,000	3,000	–
United Arab Emirates	97,800	97,800	97,800	97,800	97,800	–
Others	4,129	4,128	4,128	3,128	3,128	–
Africa	112,345	113,264	117,458	117,572	119,572	1.7
Algeria	11,800	11,350	12,270	12,200	12,200	–
Angola	8,801	9,035	9,035	9,035	9,035	–
Egypt	3,700	3,700	3,700	3,700	3,700	–
Gabon	2,285	2,190	2,146	2,146	2,146	–
SP Libyan AJ	39,126	39,126	41,464	41,464	43,663	5.3
Nigeria	35,255	35,876	36,220	36,220	36,220	–
Sudan	6,313	6,405	6,402	6,402	6,402	–
Others	5,065	5,581	6,221	6,405	6,205	-3.1
Asia and Pacific	38,442	38,763	39,000	38,857	38,282	-1.5
Australia	3,838	4,110	4,015	4,015	4,051	0.9
Brunei	1,050	1,120	1,105	1,105	1,100	-0.5
China	16,085	16,122	16,198	16,271	16,271	–
India	5,730	5,565	5,919	5,693	5,625	-1.2
Indonesia	4,320	4,301	4,440	4,370	3,990	-8.7
Malaysia	3,056	3,034	2,892	2,840	2,840	–
Vietnam	2,960	3,084	3,119	3,250	3,250	–
Others	1,404	1,428	1,313	1,313	1,155	-12.0
Total world	1,169,480	1,177,466	1,189,178	1,195,130	1,204,182	0.8
OPEC	904,575	910,754	918,295	927,435	939,016	1.2
OPEC percentage	77.3	77.3	77.2	77.6	78.0	

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

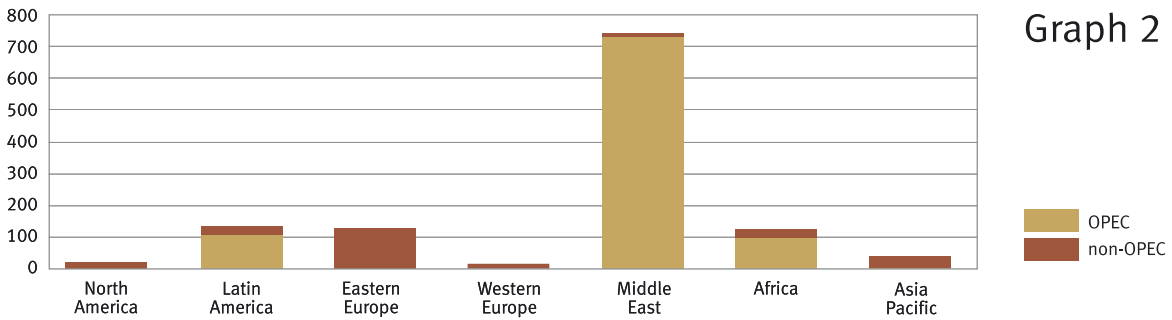
1. Data refers to conventional crude oil.

World proven crude oil reserves, 1987–2007 (bn b)



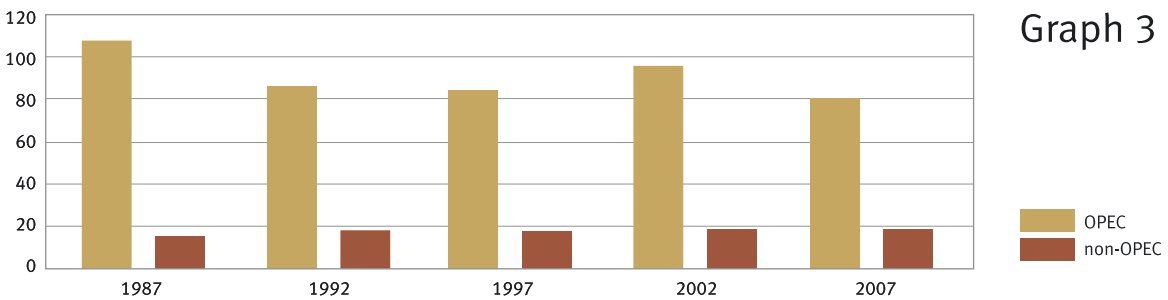
Graph 1

Crude oil reserves by region, 2007 (bn b)



Graph 2

Crude oil reserves to production ratios, 1987–2007 (years)



Graph 3

World proven natural gas reserves by country, 2003–2007 (billion standard cu m)

	2003	2004	2005	2006	2007	% change 07/06
North America	6,896	7,048	7,420	7,590	7,626	0.5
Canada	1,603	1,594	1,633	1,665	1,648	-1.0
United States	5,293	5,454	5,787	5,925	5,978	0.9
Latin America	7,348	7,447	7,312	7,751	7,890	1.8
Argentina	613	553	439	446	446	-
Bolivia	782	757	740	740	750	1.4
Ecuador	9	9	9	9	9	-
Mexico	421	419	408	392	392	-
Trinidad & Tobago	588	533	530	530	530	-
Venezuela	4,219	4,287	4,315	4,708	4,838	2.8
Others	716	888	871	926	924	-0.2
Eastern Europe	58,931	58,715	58,878	58,886	58,886	-
Romania	305	295	628	628	628	-
Former USSR	58,457	58,262	58,099	58,112	58,112	-
Others	169	158	151	146	146	-
Western Europe	6,031	5,869	5,668	5,458	5,458	-
Germany	306	279	257	255	255	-
Netherlands	1,492	1,449	1,387	1,316	1,316	-
Norway	3,188	3,159	3,108	3,022	3,022	-
United Kingdom	590	531	481	444	444	-
Others	455	451	435	421	421	0.2
Middle East	72,773	72,846	72,833	72,525	73,559	1.4
IR Iran	27,570	27,500	27,580	26,850	28,080	4.6
Iraq	3,170	3,170	3,170	3,170	3,170	-
Kuwait	1,572	1,572	1,572	1,780	1,780	-
Oman	990	995	995	980	980	-
Qatar	25,783	25,783	25,636	25,636	25,257	-1.5
Saudi Arabia	6,754	6,834	6,900	7,154	7,305	2.1
United Arab Emirates	6,060	6,060	6,060	6,040	6,072	0.5
Others	874	932	920	915	915	-
Africa	13,893	14,241	14,279	14,422	14,541	0.8
Algeria	4,545	4,545	4,504	4,504	4,504	-
Angola	269	270	270	270	270	-
Egypt	1,725	1,870	1,895	2,047	2,047	-
SP Libyan AJ	1,491	1,491	1,491	1,420	1,540	8.4
Nigeria	5,055	5,229	5,152	5,215	5,215	-
Others	808	836	967	966	966	-
Asia and Pacific	14,107	14,350	14,915	14,823	15,166	2.3
Australia	2,462	2,520	2,605	2,605	2,605	-
Bangladesh	436	436	436	435	435	-
China	2,229	2,200	2,449	2,449	2,449	-
India	854	923	1,101	1,075	1,075	-
Indonesia	2,608	2,769	2,756	2,659	3,002	12.9
Malaysia	2,464	2,464	2,480	2,480	2,480	-
Myanmar	445	500	538	538	538	-
Pakistan	790	798	798	798	798	-
Papua New Guinea	428	428	428	435	435	-
Others	1,391	1,312	1,324	1,349	1,349	-
Total world	179,979	180,515	181,304	181,454	183,126	0.9
OPEC	89,105	89,519	89,415	89,415	91,043	1.8
OPEC percentage	49.5	49.6	49.3	49.3	49.7	

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

Table 35

Oil and gas data

Active rigs in OPEC Members and in world, 2003–2007

	2003	2004	2005	2006	2007*	% change 07/06
Algeria	20	20	21	25	29	16.0
Angola	7	3	3	4	5	25.0
Ecuador	7	12	14	12	9	-25.0
Indonesia	42	51	60	53	66	24.5
IR Iran	39	40	38	45	50	11.1
Iraq	na	na	na	na	na	na
Kuwait	8	12	13	16	11	-31.3
SP Libyan AJ	11	10	9	9	15	66.7
Nigeria	9	11	9	13	15	15.4
Qatar	8	11	14	9	19	111.1
Saudi Arabia	31	34	44	75	76	1.3
United Arab Emirates	16	14	15	15	14	-
Venezuela	45	69	75	76	71	-6.6
OPEC	243	287	315	352	380	8.0
North America	1,457	1,703	1,836	2,112	2,093	-0.9
Canada	332	461	594	417	319	-23.5
United States	1,125	1,242	1,242	1,695	1,774	4.7
Latin America	264	306	327	329	370	12.5
Argentina	60	74	81	81	87	7.4
Bolivia	5	4	5	3	2	-33.3
Brazil	24	26	28	33	46	39.4
Chile	-	-	-	1	2	-
Colombia	11	13	21	24	40	66.7
Mexico	107	103	94	84	98	16.7
Trinidad & Tobago	3	3	5	7	5	-28.6
Western Europe	78	58	61	62	69	11.3
France	1	1	1	-	1	-
Germany	2	2	3	4	5	25.0
Italy	7	5	3	5	5	-
Netherlands	5	4	5	3	2	-33.3
Norway	17	14	15	15	19	26.7
United Kingdom	21	16	27	22	22	-
Middle East	171	187	200	241	258	7.1
Bahrain	-	-	-	-	-	-
Oman	37	36	36	41	53	29.3
Syrian Arab Republic	24	23	23	25	19	-24.0
Yemen	7	12	14	15	16	6.7
Africa	96	84	81	106	124	17.0
Egypt	27	31	32	39	50	28.2
Gabon	3	2	3	3	4	-
South Africa	1	-	-	-	-	-
Asia and Pacific	189	200	247	252	260	3.2
Australia	13	2	14	22	21	-4.5
Brunei	2	2	2	4	3	-25.0
India	62	76	83	85	84	-1.2
Malaysia	14	11	12	14	11	-21.4
New Zealand	2	3	6	6	5	-
Pakistan	12	12	11	17	19	11.8
World¹	2,255	2,538	2,752	3,102	3,174	2.3
<i>OPEC percentage</i>	<i>10.8</i>	<i>11.3</i>	<i>11.4</i>	<i>11.3</i>	<i>12.0</i>	

Notes: Geographic area totals include all countries in the region, some of which may not have been mentioned in the breakdown. Figures at year-end. Totals may not add up due to independent rounding. Revisions have been made throughout the time series.

1. Excluding Eastern Europe.

Wells completed in OPEC Members, 2003–2007

	2003	2004	2005	2006	2007*	% change 07/06
Algeria	179	190	198	302	260	-13.9
Oil	104	122	131	200	172	-14.0
Gas	42	33	37	56	48	-14.3
Dry	20	18	15	23	20	-13.0
Others	13	17	16	23	20	-13.0
Average depth (ft)	11,154	9,910	10,635	9,030	8,625	-4.5
Angola	60	50	45	57	98	71.9
Oil	40	38	40	48	86	79.2
Gas	–	–	–	–	1	–
Dry	11	5	2	4	11	175.0
Others	9	7	3	5	0	–
Average depth (ft)	9,015	9,000	9,000	9,000	8,990	-0.1
Ecuador	93	112	134	154	106	-31.2
Oil	89	97	118	125	104	-16.8
Gas	na	na	na	na	na	na
Dry	na	6	7	11	na	na
Others	4	9	9	18	2	-88.9
Average depth (ft)	9,225	9,725	8,775	9,730	11,477	17.9
Indonesia	913	1,100	328	609	395	-35.1
Oil	558	807	185	346	197	-43.1
Gas	42	88	75	161	128	-20.5
Dry	25	80	13	31	24	-22.6
Others	288	125	55	71	46	-35.2
Average depth (ft)	3,079	3,330	3,350	3,120	3,100	-0.6
IR Iran	131	177	183	172	193	12.2
Oil	59	97	90	73	82	12.3
Gas	8	20	15	9	10	11.1
Dry	2	6	10	2	3	50.0
Others	62	54	68	88	98	11.4
Average depth (ft)	6,552	7,200	6,876	6,220	5,920	-4.8
Iraq	na	20	15	16	21	31.3
Oil	na	na	10	11	15	36.4
Gas	na	na	–	–	–	–
Dry	na	na	1	1	1	–
Others	na	na	4	4	5	25.0
Average depth (ft)	na	3,177	6,561	8,170	8,200	0.4
Kuwait	109	73	67	121	186	53.7
Oil	94	64	59	74	126	70.3
Gas	–	–	–	33	48	–
Dry	–	1	2	–	–	–
Others	15	8	6	14	12	-14.3
Average depth (ft)	8,200	8,150	8,175	8,201	8,235	0.4
SP Libyan AJ	126	130	115	152	197	29.6
Oil	80	83	102	86	119	38.4
Gas	28	25	2	22	4	-81.8
Dry	9	10	4	42	38	-9.5
Others	9	12	7	2	36	–
Average depth (ft)	6,702	6,705	6,710	8,215	7,384	-10.1

Table 36

Oil and gas data

Wells completed in OPEC Members, 2003–2007

	2003	2004	2005	2006	2007*	% change 07/06
Nigeria	207	85	95	143	183	28.0
Oil	200	62	69	104	153	47.1
Gas	7	7	8	12	14	–
Dry	–	9	10	15	1	–93.3
Others	–	7	8	12	15	25.0
Average depth (ft)	9,019	9,010	9,015	9,038	9,057	0.2
Qatar	74	82	62	85	88	3.5
Oil	42	45	12	17	18	5.9
Gas	7	9	31	44	45	2.3
Dry	3	3	4	5	6	20.0
Others	22	25	15	19	18	–5.3
Average depth (ft)	12,364	12,365	9,480	9,400	10,524	12.0
Saudi Arabia	330	315	373	420	490	16.7
Oil	214	na	na	na	na	na
Gas	59	na	na	na	na	na
Dry	11	na	na	na	na	na
Others	46	na	na	na	na	na
Average depth (ft)	8,109	8,000	8,005	8,010	8,110	1.3
Saudi–Kuwait Neutral Zone	40	25	17	54	47	–13.0
Oil	36	21	14	47	41	–12.8
Gas	–	–	–	–	–	–
Dry	1	–	1	1	1	–
Others	3	4	2	6	5	–16.7
Average depth (ft)	6,500	6,520	6,525	6,520	6,501	–0.3
United Arab Emirates	103	101	109	105	110	4.8
Oil	54	51	94	93	96	3.2
Gas	34	35	6	5	7	40.0
Dry	4	3	4	3	4	33.3
Others	11	12	5	4	3	–25.0
Average depth (ft)	8,925	8,937	8,908	8,913	8,926	0.1
Venezuela	615	1,175	1,281	1,508	1,560	3.4
Oil	475	915	997	1,170	1,210	3.4
Gas	3	6	7	10	10	–
Dry	7	11	12	15	26	73.3
Others	130	243	265	313	314	0.3
Average depth (ft)	6,535	5,752	5,755	5,756	6,536	13.6
OPEC	2,980	3,635	3,022	3,898	3,934	0.9
Oil	2,045	2,402	1,921	2,394	2,419	1.0
Gas	230	223	181	352	315	–10.5
Dry	93	152	84	153	135	–11.8
Others	612	523	463	579	574	–0.9
Average depth (ft)	8,106	7,699	7,698	7,809	7,970	2.1
Total world^{1,2}	70,526	89,478	93,527	104,009	104,120	0.1
Oil	18,376	20,043	20,246	35,328	36,375	3.0
Gas	34,424	41,490	43,395	41,715	41,790	0.2
Dry	5,943	6,789	7,666	7,247	7,200	–0.6
Others	1,259	2,995	3,100	4,612	4,650	0.8
Average depth (ft)	5,156	5,604	5,380	5,841	5,850	0.2

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, 2003–2007

	2003	2004	2005	2006	2007*	% change 07/06
Algeria	1,400	1,420	1,475	1,580	1,685	6.6
Flowing	1,052	1,070	1,098	1,195	1,292	8.1
Artificial lift	348	350	377	385	393	2.1
Angola	1,030	1,070	1,110	1,183	1,234	4.3
Flowing	540	565	599	651	691	6.1
Artificial lift	490	505	511	532	543	2.1
Ecuador	677	715	765	807	852	5.6
Flowing	18	15	18	18	19	5.6
Artificial lift	659	700	747	789	833	5.6
Indonesia	8,275	8,195	8,505	8,775	9,038	3.0
Flowing	1,272	1,245	1,288	1,325	1,355	2.3
Artificial lift	7,003	6,950	7,217	7,450	7,683	3.1
IR Iran	1,415	1,450	1,540	1,435	1,450	1.0
Flowing	1,415	1,450	1,540.0	1,435	1,450	1.0
Artificial lift	–	–	–	–	–	–
Iraq	950	801	1,480	1,490	1,500	0.7
Flowing	887	748	1,250	1,258	1,260	0.2
Artificial lift	63	53	230	232	240	3.4
Kuwait	950	975	1,030	1,055	1,065	0.9
Flowing	950	975	1,020	1,040	1,050	1.0
Artificial lift	–	–	10	15	15	–
SP Libyan AJ	1,535	1,590	1,685	1,725	1,765	2.3
Flowing	965	970	1,010	1,035	1,060	2.4
Artificial lift	570	620	675	690	705	2.2
Nigeria	2,650	2,710	2,775	2,825	2,875	1.8
Flowing	2,060	2,065	2,081	2,125	2,169	2.1
Artificial lift	590	645	694	700	706	0.9
Qatar	564	485	320	332	340	2.4
Flowing	337	325	219	227	230	1.3
Artificial lift	227	160	101	105	110	4.8
Saudi Arabia	1,780	1,820	1,885	1,900	1,913	0.7
Flowing	1,670	1,700	1,760	1,771	1,780	0.5
Artificial lift	110	120	125	129	133	3.4
Saudi-Kuwait Neutral Zone	650	655	662	679	680	0.1
Flowing	230	232	238	241	245	1.5
Artificial lift	420	423	424	438	435	–0.7
United Arab Emirates	1,546	1,507	1,583	1,659	1,675	1.0
Flowing	1,159	1,126	1,186	1,247	1,260	1.0
Artificial lift	387	381	397	412	415	0.7
Venezuela	11,550	12,723	13,625	14,430	14,540	0.8
Flowing	515	570	610	720	740	2.8
Artificial lift	11,035	12,153	13,015	13,710	13,800	0.7
OPEC²	34,972	36,116	38,440	39,875	40,612	1.8
Flowing	13,070	13,056	13,917	14,288	14,601	2.2
Artificial lift	21,902	23,060	24,523	25,587	26,011	1.7
Total world^{1,2}	755,683	753,611	810,940	674,783	677,388	0.4
Flowing	48,775	46,582	44,118	44,936	45,754	1.8
Artificial lift	705,950	707,030	628,060	629,847	631,634	0.3

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

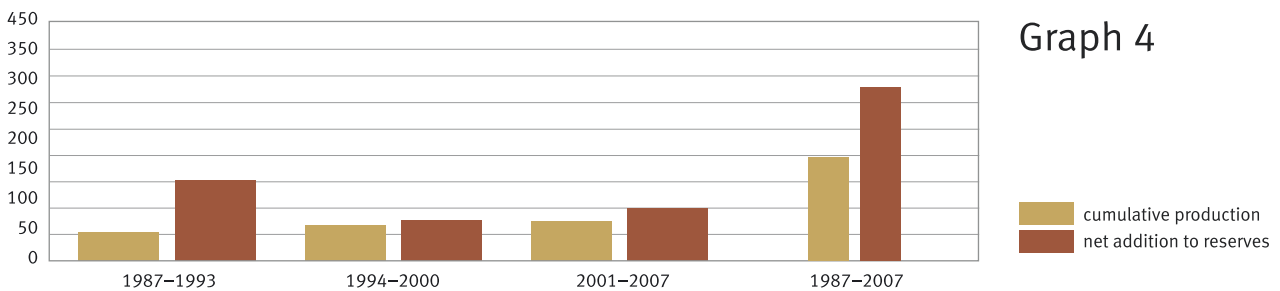
1. Excluding Eastern Europe.

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)

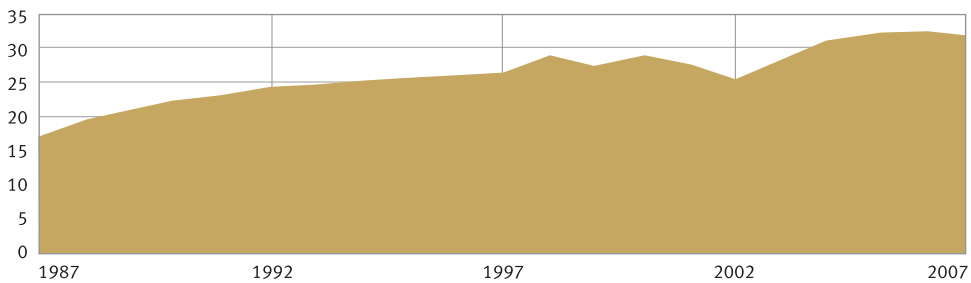
	Production	Net addition to reserves		Production	Net addition to reserves
before 1987	233.207		1997	325.834	3.57
1987	239.449	31.96	1998	336.219	4.86
1988	246.510	86.38	1999	346.056	9.33
1989	254.123	4.35	2000	356.480	23.35
1990	262.334	0.51	2001	366.559	7.94
1991	270.636	6.06	2002	375.763	36.63
1992	279.565	3.35	2003	385.903	8.94
1993	288.593	1.83	2004	397.090	6.18
1994	297.776	3.75	2005	408.694	7.54
1995	306.977	7.72	2006	420.400	9.14
1996	316.291	18.39	2007	432.108	11.58

OPEC cumulative production and net addition to reserves, 1987–2007 (bn b)



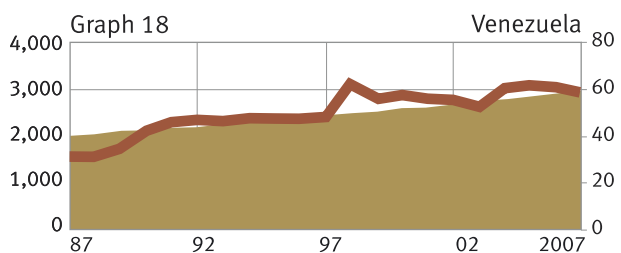
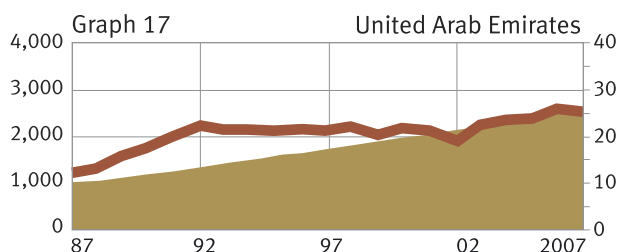
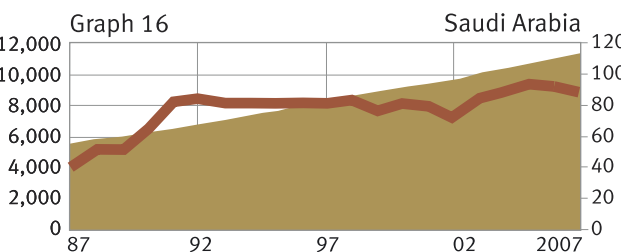
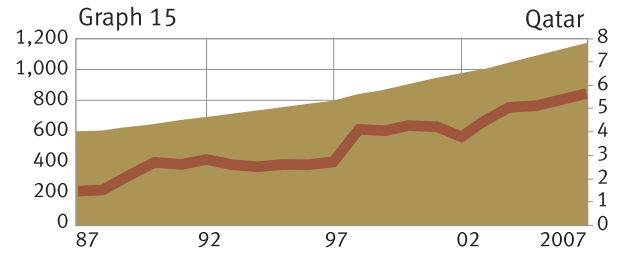
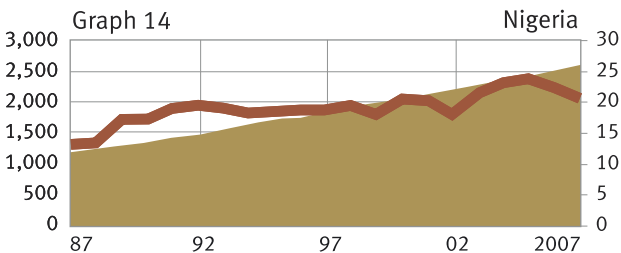
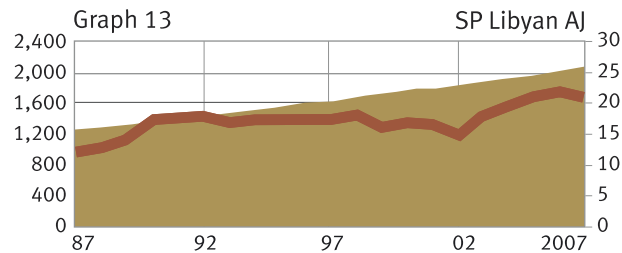
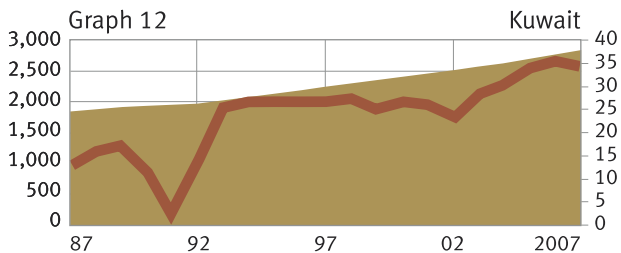
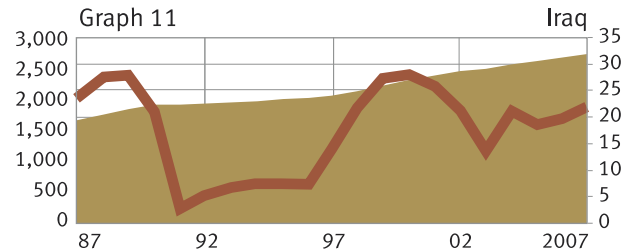
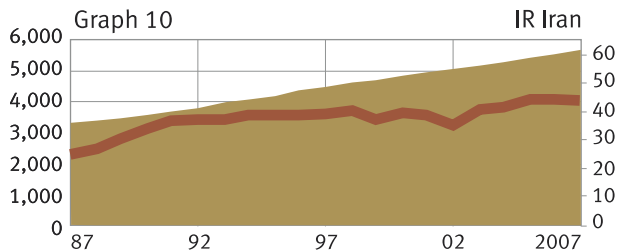
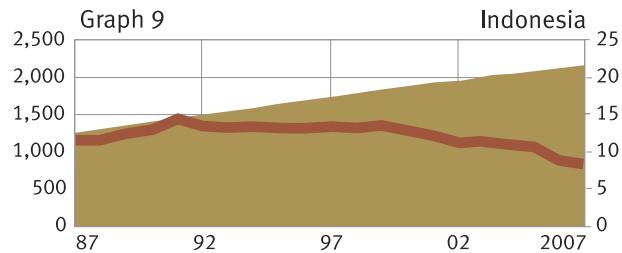
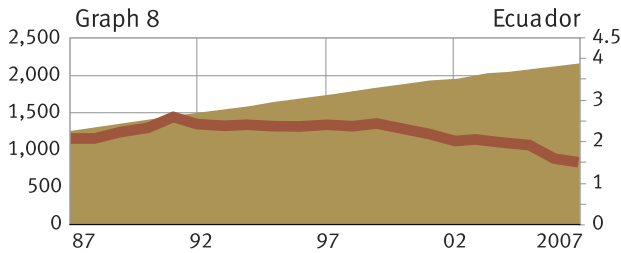
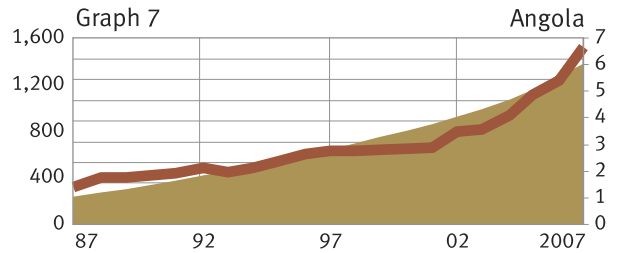
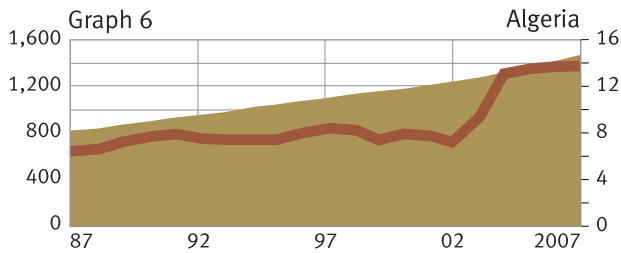
Graph 4

OPEC crude oil production, 1987–2007 (m b/d)



Graph 5

Cumulative and daily crude oil production



Cumulative (right hand side figures, bn b)
Daily (left hand side figures, 1,000 b/d)

Table 38

Oil and gas data

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		1983	660.9	7,194,116	-6.2
1958	8.8	5,745		1984	695.4	7,448,633	5.2
1959	25.6	15,089	190.9	1985	672.4	7,694,050	-3.3
1960	181.1	81,372	607.4	1986	673.9	7,940,017	0.2
1961	330.9	202,150	82.7	1987	648.2	8,176,620	-3.8
1962	436.9	361,619	32.0	1988	672.9	8,422,905	3.8
1963	504.3	545,688	15.4	1989	727.3	8,688,369	8.1
1964	557.8	749,843	10.6	1990	783.5	8,974,340	7.7
1965	558.7	953,769	0.2	1991	803.0	9,267,435	2.5
1966	718.7	1,216,094	28.6	1992	756.5	9,544,314	-5.8
1967	825.7	1,517,475	14.9	1993	747.3	9,817,079	-1.2
1968	904.2	1,848,412	9.5	1994	752.5	10,091,741	0.7
1969	946.4	2,193,848	4.7	1995	752.5	10,366,404	0.0
1970	1,029.1	2,569,469	8.7	1996	805.7	10,661,290	7.1
1971	785.4	2,856,140	-23.7	1997	846.1	10,970,116	5.0
1972	1,062.3	3,244,942	35.3	1998	827.3	11,272,081	-2.2
1973	1,097.3	3,645,457	3.3	1999	749.6	11,545,697	-9.4
1974	1,008.6	4,013,596	-8.1	2000	796.0	11,837,030	6.2
1975	982.6	4,372,245	-2.6	2001	776.6	12,120,489	-2.4
1976	1,075.1	4,765,728	9.4	2002	729.9	12,386,902	-6.0
1977	1,152.3	5,186,312	7.2	2003	942.4	12,730,878	29.1
1978	1,161.2	5,610,136	0.8 ¹	2004	1,311.4	13,210,851	39.2
1979	1,153.8	6,031,277	-0.6	2005	1,352.0	13,704,331	3.1
1980	1,019.9	6,404,548	-11.6	2006	1,368.8	14,203,954	1.2
1981	797.8	6,695,745	-21.8	2007	1,371.6	14,704,588	0.2
1982	704.5	6,952,888	-11.7				

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

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

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1956	0.1	44		1982	126.0	719,537	-8.4
1957	0.2	105	37.2	1983	177.5	784,324	40.9
1958	0.8	411	404.8	1984	206.0	859,720	16.1
1959	0.8	719	0.8	1985	231.6	944,268	12.4
1960	1.1	1,127	31.7	1986	282.3	1,047,308	21.9
1961	1.8	1,783	61.5	1987	357.7	1,177,852	26.7
1962	8.0	4,689	342.8	1988	452.1	1,343,331	26.4
1963	13.4	9,563	67.7	1989	452.7	1,508,553	0.1
1964	15.3	15,171	14.7	1990	473.8	1,681,478	4.7
1965	11.1	19,233	-27.4	1991	497.0	1,862,867	4.9
1966	10.7	23,138	-3.8	1992	549.1	2,063,854	10.5
1967	9.1	26,450	-15.2	1993	504.5	2,247,986	-8.1
1968	12.6	31,056	38.7	1994	550.3	2,448,848	9.1
1969	40.4	45,803	221.1	1995	607.1	2,670,457	10.3
1970	83.9	76,423	107.6	1996	679.2	2,919,052	11.9
1971	109.6	116,425	30.6	1997	713.6	3,179,514	5.1
1972	139.0	167,282	26.8	1998	712.5	3,439,568	-0.2
1973	152.2	222,849	9.6	1999	720.8	3,702,672	1.2
1974	168.3	284,284	10.6	2000	736.1	3,972,081	2.1
1975	162.6	343,626	-3.4	2001	740.4	4,242,318	0.6
1976	135.3	393,135	-16.8	2002	894.2	4,568,691	20.8
1977	177.6	457,949	31.3	2003	901.2	4,897,633	0.8
1978	166.1	518,569	-6.5	2004	1,020.3	5,271,065	13.2
1979	136.7	568,459	-17.7	2005	1,241.4	5,724,167	21.7
1980	150.0	623,359	9.7	2006	1,384.6	6,229,546	11.5
1981	137.5	673,547	-8.3	2007	1,694.6	6,848,075	22.4

Notes: 1988, 2000, 2003, 2006: direct communications to the Secretariat and secondary sources.

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

Year	Daily average	Cumulative	% change in daily av	Year	Daily average	Cumulative	% change in daily av
1960	7.5	2,745		1984	256.1	947,742	7.8
1961	8.0	5,665	6.7	1985	280.6	1,050,161	9.6
1962	7.0	8,220	-12.5	1986	256.5	1,143,792	-8.6
1963	6.8	10,702	-2.9	1987	180.9	1,209,805	-29.5
1964	7.6	13,484	11.8	1988	300.8	1,319,906	66.3
1965	7.8	16,331	2.6	1989	278.9	1,421,704	-7.3
1966	7.3	18,995	-6.4	1990	286.1	1,526,131	2.6
1967	6.2	21,258	-15.1	1991	309.3	1,639,025	8.1
1968	5.0	23,088	-19.4	1992	320.5	1,756,328	3.6
1969	4.4	24,694	-12.0	1993	340.4	1,880,586	6.2
1970	4.1	26,191	-6.8	1994	372.7	2,016,620	9.5
1971	3.7	27,541	-9.8	1995	380.5	2,155,505	2.1
1972	78.1	56,126	-	1996	377.9	2,293,827	-0.7
1973	208.8	132,338	167.3	1997	381.8	2,433,175	1.0
1974	177.0	196,943	-15.2	1998	367.3	2,567,257	-3.8
1975	160.9	255,671	-9.1	1999	362.6	2,699,616	-1.3
1976	187.9	324,427	16.8	2000	392.2	2,843,162	8.2
1977	183.4	391,382	-2.4	2001	394.5	2,987,147	0.6
1978	201.8	465,037	10.0	2002	378.6	3,125,325	-4.0
1979	214.2	543,226	6.2	2003	402.0	3,272,065	6.2
1980	204.1	617,927	-4.7	2004	507.3	3,457,730	26.2
1981	211.0	694,942	3.4	2005	511.9	3,644,561	0.9
1982	198.3	767,322	-6.0	2006	518.4	3,833,768	1.3
1983	237.5	854,009	19.8	2007	511.4	4,020,429	-1.3

Table 38

Oil and gas data

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	–	1951	151.9	1,320,894	14.6
1894	2.0	1,460	–	1952	170.6	1,383,334	12.3
1895	3.0	2,555	50.0	1953	205.9	1,458,487	20.7
1896	4.0	4,019	33.3	1954	217.6	1,537,911	5.7
1897	7.0	6,574	75.0	1955	235.5	1,623,869	8.2
1898	8.0	9,494	14.3	1956	254.8	1,717,126	8.2
1899	5.0	11,319	–37.5	1957	312.1	1,831,042	22.5
1900	6.0	13,515	20.0	1958	325.1	1,949,704	4.2
1901	11.0	17,530	83.3	1959	373.1	2,085,885	14.8
1902	7.0	20,085	–36.4	1960	409.6	2,235,799	9.8
1903	16.0	25,925	128.6	1961	424.3	2,390,668	3.6
1904	18.0	32,513	12.5	1962	453.4	2,556,159	6.9
1905	22.0	40,543	22.2	1963	444.0	2,718,219	–2.1
1906	22.0	48,573	–	1964	456.6	2,885,335	2.8
1907	27.0	58,428	22.7	1965	480.6	3,060,754	5.3
1908	28.0	68,676	3.7	1966	464.6	3,230,333	–3.3
1909	30.0	79,626	7.1	1967	505.4	3,414,804	8.8
1910	30.0	90,576	–	1968	600.7	3,634,660	18.9
1911	33.0	102,621	10.0	1969	742.3	3,905,600	23.6
1912	30.0	113,601	–9.1	1970	853.6	4,217,164	15.0
1913	31.0	124,916	3.3	1971	892.1	4,542,780	4.5
1914	31.0	136,231	–	1972	1,080.8	4,938,353	21.2
1915	33.0	148,276	6.5	1973	1,338.5	5,426,905	23.8
1916	34.0	160,720	3.0	1974	1,374.5	5,928,598	2.7
1917	36.0	173,860	5.9	1975	1,306.5	6,405,470	–4.9
1918	35.0	186,635	–2.8	1976	1,503.6	6,955,791	15.1
1919	42.0	201,965	20.0	1977	1,686.2	7,571,238	12.1
1920	47.9	219,496	14.0	1978	1,635.2	8,168,086	–3.0
1921	46.5	236,469	–2.9	1979	1,590.8	8,748,731	–2.7
1922	46.8	253,551	0.6	1980	1,575.7	9,325,438	–0.9
1923	54.4	273,407	16.2	1981	1,604.2	9,910,982	1.8
1924	55.9	293,866	2.8	1982	1,324.8	10,394,534	–17.4
1925	58.7	315,292	5.0	1983	1,245.3	10,849,068	–6.0
1926	58.2	336,535	–0.9	1984	1,280.1	11,317,585	2.8
1927	75.2	363,983	29.2	1985	1,181.5	11,748,832	–7.7
1928	87.6	396,044	16.5	1986	1,256.8	12,207,564	6.4
1929	107.6	435,318	22.8	1987	1,158.1	12,630,257	–7.9
1930	114.3	477,038	6.2	1988	1,161.5	13,055,378	0.3
1931	97.4	512,589	–14.8	1989	1,231.0	13,504,693	6.0
1932	106.6	551,605	9.4	1990	1,299.3	13,978,938	5.5
1933	116.9	594,273	9.7	1991	1,450.0	14,508,188	11.6
1934	127.5	640,811	9.1	1992	1,347.7	15,001,446	–7.1
1935	129.2	687,969	1.3	1993	1,327.3	15,485,910	–1.5
1936	136.7	738,001	5.8	1994	1,332.8	15,972,382	0.4
1937	155.4	794,722	13.7	1995	1,328.4	16,457,248	–0.3
1938	157.0	852,027	1.0	1996	1,326.7	16,942,822	–0.1
1939	170.1	914,113	8.3	1997	1,330.4	17,428,404	0.3
1940	169.4	976,114	–0.4	1998	1,315.4	17,908,514	–1.1
1941	147.1	1,029,805	–13.2	1999	1,355.5	18,403,271	3.1
1942	65.8	1,053,822	–55.3	2000	1,272.5	18,869,006	–6.1
1943	132.3	1,102,112	101.1	2001	1,214.2	19,312,182	–4.6
1944	60.8	1,124,364	–54.0	2002	1,125.4	19,722,953	–7.3
1945	20.8	1,131,956	–65.8	2003	1,139.7	20,138,929	1.3
1946	5.7	1,134,037	–72.6	2004	1,094.4	20,539,479	–4.0
1947	22.0	1,142,067	286.0	2005	1,059.3	20,926,124	–3.2
1948	86.8	1,173,836	294.5	2006	883.0	21,248,419	–16.6
1949	118.4	1,217,052	36.4	2007	837.6	21,554,149	–5.1
1950	132.6	1,265,451	12.0				

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		1961	1,202.2	4,606,520	12.6
1914	8.0	4,745	60.0	1962	1,334.5	5,093,613	11.0
1915	10.0	8,395	25.0	1963	1,491.3	5,637,937	11.7
1916	12.0	12,787	20.0	1964	1,710.7	6,264,053	14.7
1917	19.0	19,722	58.3	1965	1,908.3	6,960,583	11.6
1918	23.6	28,336	24.2	1966	2,131.8	7,738,690	11.7
1919	27.8	38,483	17.8	1967	2,603.2	8,688,858	22.1
1920	33.4	50,707	20.1	1968	2,839.8	9,728,225	9.1
1921	45.7	67,388	36.8	1969	3,375.8	10,960,392	18.9
1922	61.0	89,653	33.5	1970	3,829.0	12,357,977	13.4
1923	69.1	114,874	13.3	1971	4,539.5	14,014,894	18.6
1924	88.5	147,265	28.1	1972	5,023.1	15,853,349	10.7
1925	96.0	182,305	8.5	1973	5,860.9	17,992,577	16.7
1926	98.2	218,148	2.3	1974	6,021.6	20,190,461	2.7
1927	108.7	257,824	10.7	1975	5,350.1	22,143,248	-11.2
1928	118.7	301,268	9.2	1976	5,882.9	24,296,396	10.0
1929	115.5	343,426	-2.7	1977	5,662.8	26,363,325	-3.7
1930	125.6	389,270	8.7	1978	5,241.7	28,276,547	-7.4
1931	121.6	433,654	-3.2	1979	3,167.9	29,432,830	-39.6
1932	135.2	483,137	11.2	1980	1,467.4	29,969,896	-53.7
1933	149.0	537,522	10.2	1981	1,262.8	30,430,833	-13.9
1934	158.5	595,374	6.4	1982	2,420.6	31,314,367	91.7
1935	156.9	652,643	-1.0	1983	2,441.7	32,205,582	0.9
1936	171.4	715,375	9.2	1984	2,032.4	32,949,441	-16.8
1937	213.2	793,193	24.4	1985	2,192.3	33,749,640	7.9
1938	214.7	871,559	0.7	1986	2,037.1	34,493,186	-7.1
1939	214.1	949,705	-0.3	1987	2,297.6	35,331,818	12.8
1940	181.2	1,016,024	-15.4	1988	2,478.5	36,238,958	7.9
1941	139.1	1,066,796	-23.2	1989	2,814.1	37,266,096	13.5
1942	198.0	1,139,066	42.3	1990	3,135.3	38,410,483	11.4
1943	204.4	1,213,672	3.2	1991	3,406.8	39,653,959	8.7
1944	278.8	1,315,713	36.4	1992	3,431.6	40,909,922	0.7
1945	357.6	1,446,237	28.3	1993	3,425.2	42,160,122	-0.2
1946	402.2	1,593,040	12.5	1994	3,596.0	43,472,662	5.0
1947	424.7	1,748,055	5.6	1995	3,595.0	44,784,837	-
1948	520.2	1,938,448	22.5	1996	3,596.0	46,100,973	-
1949	560.9	2,143,177	7.8	1997	3,603.4	47,416,207	0.2
1950	664.3	2,385,646	18.4	1998	3,714.0	48,771,817	3.1
1951	349.6	2,513,250	-47.4	1999	3,439.0	50,027,052	-7.4
1952	27.6	2,523,352	-92.1	2000	3,661.3	51,367,070	6.5
1953	26.8	2,533,134	-2.9	2001	3,572.0	52,670,850	-2.4
1954	61.4	2,555,545	129.1	2002	3,248.0	53,856,370	-9.1
1955	328.9	2,675,594	435.7	2003	3,741.6	55,222,054	15.2
1956	541.8	2,873,892	64.7	2004	3,834.2	56,625,371	2.5
1957	719.8	3,136,619	32.9	2005	4,091.5	58,118,768	6.7
1958	826.1	3,438,146	14.8	2006	4,072.6	59,605,267	-0.5
1959	928.2	3,776,939	12.4	2007	4,030.7	61,076,473	-1.0
1960	1,067.7	4,167,717	15.0				

Table 38

Oil and gas data

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		1968	1,503.3	6,355,601	22.4
1929	3.0	2,083	11.1	1969	1,521.2	6,910,839	1.2
1930	2.0	2,813	-33.3	1970	1,548.6	7,476,078	1.8
1931	2.0	3,543	-	1971	1,694.1	8,094,425	9.4
1932	1.4	4,056	-30.0	1972	1,465.5	8,630,798	-13.5
1933	1.6	4,640	14.3	1973	2,018.1	9,367,404	37.7
1934	16.5	10,662	931.3	1974	1,970.6	10,086,673	-2.4
1935	78.1	39,169	373.3	1975	2,261.7	10,912,194	14.8
1936	85.7	70,535	9.7	1976	2,415.4	11,796,236	6.8
1937	92.4	104,261	7.8	1977	2,348.2	12,653,333	-2.8
1938	91.5	137,658	-1.0	1978	2,562.0	13,588,476	9.1
1939	85.5	168,866	-6.6	1979	3,476.9	14,857,556	35.7
1940	55.9	189,325	-34.6	1980	2,646.4	15,826,156	-23.9
1941	36.3	202,575	-35.1	1981	897.4	16,153,707	-66.1
1942	55.7	222,905	53.4	1982	1,078.4	16,547,318	20.2
1943	79.3	251,850	42.4	1983	1,098.8	16,948,376	1.9
1944	92.5	285,705	16.6	1984	1,221.3	17,395,379	11.2
1945	100.1	322,241	8.2	1985	1,404.4	17,907,969	15.0
1946	101.8	359,398	1.7	1986	1,876.5	18,592,904	33.6
1947	103.0	396,993	1.2	1987	2,358.7	19,453,818	25.7
1948	76.6	425,029	-25.6	1988	2,744.5	20,458,289	16.4
1949	90.6	458,098	18.3	1989	2,785.8	21,475,101	1.5
1950	139.6	509,052	54.1	1990	2,112.6	22,246,208	-24.2
1951	180.8	575,044	29.5	1991	282.5	22,349,308	-86.6
1952	389.0	717,418	115.2	1992	526.2	22,541,898	86.3
1953	581.4	929,629	49.5	1993	659.5	22,782,603	25.3
1954	636.2	1,161,842	9.4	1994	748.7	23,055,870	13.5
1955	697.0	1,416,247	9.6	1995	736.9	23,324,835	-1.6
1956	641.0	1,650,853	-8.0	1996	740.4	23,595,829	0.5
1957	449.5	1,814,920	-29.9	1997	1,383.9	24,100,958	86.9
1958	731.3	2,081,845	62.7	1998	2,181.1	24,897,053	57.6
1959	856.9	2,394,613	17.2	1999	2,719.8	25,889,795	24.7
1960	972.2	2,750,439	13.5	2000	2,810.0	26,918,241	3.3
1961	1,007.1	3,118,030	3.6	2001	2,593.7	27,864,935	-7.7
1962	1,009.2	3,486,388	0.2	2002	2,126.5	28,641,106	-18.0
1963	1,161.9	3,910,482	15.1	2003	1,377.8	29,144,013	-35.2
1964	1,255.2	4,369,885	8.0	2004	2,107.1	29,915,198	52.9
1965	1,312.6	4,848,984	4.6	2005	1,853.2	30,591,598	-12.1
1966	1,392.2	5,357,137	6.1	2006	1,957.2	31,305,985	5.6
1967	1,228.1	5,805,393	-11.8	2007	2,183.7	32,103,026	11.6

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		1977	1,969.0	19,693,684	-8.2
1947	44.5	22,156	174.7	1978	2,131.4	20,471,641	8.2
1948	127.2	68,711	185.8	1979	2,500.3	21,384,250	17.3
1949	246.5	158,683	93.8	1980	1,663.7	21,993,164	-33.5
1950	344.4	284,389	39.7	1981	1,129.7	22,405,504	-32.1
1951	561.4	489,300	63.0	1982	824.3	22,706,374	-27.0
1952	747.1	762,739	33.1	1983	1,054.1	23,091,120	27.9
1953	861.9	1,077,332	15.4	1984	1,163.0	23,516,778	10.3
1954	959.7	1,427,623	11.3	1985	936.3	23,858,536	-19.5
1955	1,103.6	1,830,437	15.0	1986	1,174.3	24,287,170	25.4
1956	1,108.5	2,236,148	0.4	1987	971.6	24,641,808	-17.3
1957	1,171.6	2,663,782	5.7	1988	1,190.1	25,077,395	22.5
1958	1,435.8	3,187,849	22.6	1989	1,277.5	25,543,698	7.3
1959	1,441.1	3,713,850	0.4	1990	858.6	25,857,094	-32.8
1960	1,691.8	4,333,049	17.4	1991	185.3	25,924,731	-78.4
1961	1,735.0	4,966,324	2.6	1992	1,057.2	26,311,666	470.5
1962	1,957.8	5,680,921	12.8	1993	1,881.8	26,998,523	78.0
1963	2,096.3	6,446,071	7.1	1994	2,006.6	27,730,932	6.6
1964	2,301.0	7,288,237	9.8	1995	2,006.6	28,463,341	-
1965	2,360.3	8,149,746	2.6	1996	2,005.6	29,197,391	-
1966	2,484.1	9,056,443	5.2	1997	2,007.1	29,929,982	0.1
1967	2,499.8	9,968,870	0.6	1998	2,051.5	30,678,780	2.2
1968	2,613.5	10,925,411	4.5	1999	1,872.7	31,362,315	-8.7
1969	2,773.4	11,937,702	6.1	2000	1,996.1	32,092,887	6.6
1970	2,989.6	13,028,906	7.8	2001	1,947.0	32,803,556	-2.5
1971	3,196.7	14,195,701	6.9	2002	1,745.9	33,440,809	-10.3
1972	3,283.0	15,397,279	2.7	2003	2,107.6	34,210,083	20.7
1973	3,020.4	16,499,725	-8.0	2004	2,288.7	35,047,748	8.6
1974	2,546.1	17,429,052	-15.7	2005	2,573.4	35,987,039	12.4
1975	2,084.2	18,189,785	-18.1	2006	2,664.5	36,959,581	3.5
1976	2,145.4	18,975,000	2.9	2007	2,574.5	37,899,274	-3.4

Notes: Figures include share of production from Neutral Zone.

Table 38

Oil and gas data

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		1985	997.7	14,803,707	1.3
1962	182.3	73,183	901.6	1986	1,308.0	15,281,127	31.1
1963	441.8	234,440	142.3	1987	972.5	15,636,091	-25.6
1964	862.4	550,078	95.2	1988	1,022.7	16,010,407	5.2
1965	1,218.8	994,940	41.3	1989	1,129.2	16,422,557	10.4
1966	1,501.1	1,542,841	23.2	1990	1,389.1	16,929,582	23.0
1967	1,740.5	2,178,124	15.9	1991	1,405.9	17,442,752	1.2
1968	2,602.1	3,130,493	49.5	1992	1,432.7	17,967,121	1.9
1969	3,109.1	4,265,314	19.5	1993	1,361.0	18,463,883	-5.0
1970	3,318.0	5,476,384	6.7	1994	1,389.8	18,971,170	2.1
1971	2,760.8	6,484,076	-16.8	1995	1,399.0	19,481,819	0.7
1972	2,239.4	7,303,696	-18.9	1996	1,394.0	19,992,025	-0.4
1973	2,174.9	8,097,535	-2.9	1997	1,395.8	20,501,479	0.1
1974	1,521.3	8,652,809	-30.1	1998	1,449.0	21,030,374	3.8
1975	1,479.8	9,192,936	-2.7	1999	1,287.2	21,500,196	-11.2
1976	1,932.6	9,900,269	30.6	2000	1,347.2	21,993,272	4.7
1977	2,063.4	10,653,397	6.8	2001	1,323.5	22,476,335	-1.8
1978	1,982.5	11,377,013	-3.9	2002	1,200.9	22,914,663	-9.3
1979	2,091.7	12,140,485	5.5	2003	1,431.9	23,437,307	19.2
1980	1,831.6	12,810,843	-12.4	2004	1,580.7	24,015,843	10.4
1981	1,217.8	13,255,340	-33.5	2005	1,693.2	24,633,861	7.1
1982	1,136.0	13,669,980	-6.7	2006	1,751.2	25,273,044	3.4
1983	1,121.1	14,079,167	-1.3	2007	1,673.9	25,884,017	-4.4
1984	984.6	14,439,530	-12.2				

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		1983	1,235.5	9,835,623	-4.0
1959	11.2	5,950	119.6	1984	1,388.0	10,343,631	12.3
1960	17.4	12,318	55.4	1985	1,498.9	10,890,729	8.0
1961	46.0	29,108	164.4	1986	1,466.6	11,426,038	-2.2
1962	67.5	53,745	46.7	1987	1,323.0	11,908,933	-9.8
1963	76.5	81,668	13.3	1988	1,341.3	12,399,867	1.4
1964	120.2	125,661	57.1	1989	1,716.3	13,026,316	28.0
1965	274.2	225,744	128.1	1990	1,726.7	13,656,562	0.6
1966	417.6	378,168	52.3	1991	1,893.1	14,347,544	9.6
1967	319.1	494,640	-23.6	1992	1,957.0	15,063,806	3.4
1968	141.3	546,355	-55.7	1993	1,905.2	15,759,204	-2.6
1969	540.3	743,565	282.4	1994	1,820.9	16,423,824	-4.4
1970	1,083.1	1,138,896	100.5	1995	1,842.6	17,096,371	1.2
1971	1,531.2	1,697,784	41.4	1996	1,863.1	17,778,253	1.1
1972	1,815.7	2,362,331	18.6	1997	1,876.7	18,463,264	0.7
1973	2,054.3	3,112,150	13.1	1998	1,939.0	19,171,015	3.3
1974	2,255.0	3,935,225	9.8	1999	1,781.5	19,821,263	-8.1
1975	1,783.2	4,586,093	-20.9	2000	2,053.6	20,572,881	15.3
1976	2,066.8	5,342,537	15.9	2001	2,017.6	21,309,305	-1.8
1977	2,085.1	6,103,598	0.9	2002	1,801.7	21,966,925	-10.7
1978	1,897.0	6,796,000	-9.0	2003	2,166.3	22,757,640	20.2
1979	2,302.0	7,636,228	21.3	2004	2,327.5	23,609,489	7.4
1980	2,058.0	8,389,456	-10.6	2005	2,365.9	24,473,059	1.7
1981	1,439.6	8,914,910	-30.0	2006	2,233.9	25,288,426	-5.6
1982	1,287.0	9,384,665	-10.6	2007	2,059.3	26,040,057	-7.8

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	2.0	730		1979	508.1	3,026,842	4.4
1950	33.6	12,994		1980	471.4	3,199,374	-7.2
1951	49.3	30,989	46.7	1981	415.2	3,350,924	-11.9
1952	69.0	56,243	40.0	1982	332.0	3,472,104	-20.0
1953	85.0	87,268	23.2	1983	269.0	3,570,289	-19.0
1954	99.9	123,731	17.5	1984	325.3	3,689,348	20.9
1955	115.0	165,706	15.1	1985	289.3	3,794,957	-11.1
1956	123.9	211,053	7.7	1986	305.7	3,906,528	5.6
1957	138.5	261,606	11.8	1987	218.9	3,986,431	-28.4
1958	175.1	325,517	26.4	1988	228.0	4,069,875	4.1
1959	170.4	387,713	-2.7	1989	320.2	4,186,764	40.5
1960	174.6	451,617	2.5	1990	405.6	4,334,808	26.7
1961	177.2	516,295	1.5	1991	391.2	4,477,596	-3.6
1962	186.2	584,258	5.1	1992	423.2	4,632,487	8.2
1963	191.5	654,156	2.8	1993	390.3	4,774,946	-7.8
1964	215.3	732,955	12.4	1994	378.7	4,913,172	-3.0
1965	232.6	817,854	8.0	1995	389.8	5,055,460	2.9
1966	291.3	924,179	25.2	1996	393.1	5,199,318	0.8
1967	323.6	1,042,293	11.1	1997	405.0	5,347,148	3.0
1968	339.5	1,166,550	4.9	1998	618.1	5,572,755	52.6
1969	355.5	1,296,307	4.7	1999	608.5	5,794,857	-1.6
1970	362.4	1,428,583	1.9	2000	648.2	6,032,088	6.5
1971	430.7	1,585,789	18.8	2001	632.9	6,263,096	-2.4
1972	482.4	1,762,347	12.0	2002	568.9	6,470,726	-10.1
1973	570.3	1,970,507	18.2	2003	676.0	6,717,466	18.8
1974	518.4	2,159,723	-9.1	2004	755.3	6,993,909	11.7
1975	437.6	2,319,447	-15.6	2005	765.9	7,273,463	1.4
1976	497.3	2,501,464	13.6	2006	802.9	7,566,530	4.8
1977	444.6	2,663,744	-10.6	2007	845.3	7,875,064	5.3
1978	486.7	2,841,383	9.5				

Table 38

Oil and gas data

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		1973	7,596.2	19,999,075	26.3
1939	10.8	4,453	671.4	1974	8,479.7	23,094,166	11.6
1940	13.9	9,540	28.7	1975	7,075.4	25,676,687	-16.6
1941	11.8	13,847	-15.1	1976	8,577.2	28,815,932	21.2
1942	12.4	18,373	5.1	1977	9,199.9	32,173,898	7.3
1943	13.3	23,228	7.3	1978	8,301.1	35,203,793	-9.8
1944	21.3	31,024	60.2	1979	9,532.6	38,683,202	14.8
1945	58.4	52,340	174.2	1980	9,900.5	42,306,785	3.9
1946	164.2	112,273	181.2	1981	9,808.0	45,886,705	-0.9
1947	246.2	202,136	49.9	1982	6,483.0	48,253,000	-33.9
1948	390.3	344,986	58.5	1983	4,539.4	49,909,884	-30.0
1949	476.7	518,981	22.1	1984	4,079.1	51,402,828	-10.1
1950	546.7	718,527	14.7	1985	3,175.0	52,561,686	-22.2
1951	761.5	996,474	39.3	1986	4,784.2	54,307,919	50.7
1952	824.8	1,298,351	8.3	1987	3,975.2	55,758,849	-16.9
1953	844.6	1,606,630	2.4	1988	5,100.1	57,625,503	28.3
1954	961.8	1,957,687	13.9	1989	5,064.5	59,474,046	-0.7
1955	976.6	2,314,146	1.5	1990	6,412.5	61,814,608	26.6
1956	1,002.8	2,681,171	2.7	1991	8,117.8	64,777,605	26.6
1957	1,030.8	3,057,413	2.8	1992	8,331.7	67,827,007	2.6
1958	1,058.5	3,443,765	2.7	1993	8,047.7	70,764,418	-3.4
1959	1,152.7	3,864,501	8.9	1994	8,049.0	73,702,303	-
1960	1,313.5	4,345,242	13.9	1995	8,023.4	76,630,844	-0.3
1961	1,480.1	4,885,478	12.7	1996	8,102.3	79,596,286	1.0
1962	1,642.9	5,485,137	11.0	1997	8,011.7	82,520,556	-1.1
1963	1,786.0	6,137,027	8.7	1998	8,280.2	85,542,829	3.4
1964	1,896.5	6,831,146	6.2	1999	7,564.7	88,303,945	-8.6
1965	2,205.3	7,636,080	16.3	2000	8,094.5	91,266,532	7.0
1966	2,601.8	8,585,737	18.0	2001	7,888.9	94,145,980	-2.5
1967	2,805.0	9,609,562	7.8	2002	7,093.1	96,734,962	-10.1
1968	3,042.9	10,723,264	8.5	2003	8,410.3	99,804,721	18.6
1969	3,216.2	11,897,177	5.7	2004	8,897.0	103,061,023	5.8
1970	3,799.1	13,283,848	18.1	2005	9,353.3	106,474,978	5.1
1971	4,768.9	15,024,497	25.5	2006	9,207.9	109,835,861	-1.6
1972	6,016.3	17,226,462	26.2	2007	8,816.0	113,053,701	-4.3

Notes: 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		1985	1,009.1	9,347,375	-5.6
1963	48.2	22,776	239.4	1986	1,128.6	9,759,296	11.8
1964	186.8	91,145	287.6	1987	1,242.3	10,212,731	10.1
1965	282.2	194,148	51.1	1988	1,323.5	10,697,122	6.5
1966	360.0	325,548	27.6	1989	1,593.0	11,278,568	20.4
1967	382.1	465,014	6.1	1990	1,762.6	11,921,927	10.6
1968	496.6	646,770	30.0	1991	2,027.4	12,661,931	15.0
1969	627.8	875,917	26.4	1992	2,235.7	13,480,186	10.3
1970	779.6	1,160,471	24.2	1993	2,159.3	14,268,325	-3.4
1971	1,059.5	1,547,188	35.9	1994	2,166.5	15,059,110	0.3
1972	1,202.7	1,987,377	13.5	1995	2,148.0	15,843,130	-0.9
1973	1,532.6	2,546,776	27.4	1996	2,161.3	16,634,166	0.6
1974	1,678.6	3,159,465	9.5	1997	2,160.7	17,422,821	-
1975	1,663.8	3,766,752	-0.9	1998	2,244.1	18,241,918	3.9
1976	1,936.4	4,475,475	16.4	1999	2,048.8	18,989,730	-8.7
1977	1,998.7	5,205,004	3.2	2000	2,174.7	19,785,670	6.1
1978	1,830.5	5,873,137	-8.4	2001	2,115.2	20,557,718	-2.7
1979	1,830.7	6,541,339	-	2002	1,900.3	21,251,327	-10.2
1980	1,701.9	7,164,231	-7.0	2003	2,248.0	22,071,847	18.3
1981	1,502.3	7,712,570	-11.7	2004	2,343.6	22,929,605	4.3
1982	1,248.8	8,168,382	-16.9	2005	2,378.0	23,797,575	1.5
1983	1,149.0	8,587,775	-8.0	2006	2,568.0	24,734,895	8.0
1984	1,069.0	8,979,037	-7.0	2007	2,529.0	25,657,980	-1.5

Table 38

Oil and gas data

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		1963	3,247.9	17,284,661	1.5
1918	0.9	438	200.0	1964	3,392.8	18,526,426	4.5
1919	0.8	730	-11.1	1965	3,472.9	19,794,034	2.4
1920	1.3	1,206	62.5	1966	3,371.1	21,024,486	-2.9
1921	4.0	2,666	207.7	1967	3,542.1	22,317,352	5.1
1922	6.1	4,892	52.5	1968	3,604.8	23,636,709	1.8
1923	11.9	9,236	95.1	1969	3,594.1	24,948,556	-0.3
1924	24.9	18,349	109.2	1970	3,708.0	26,301,976	3.2
1925	54.6	38,278	119.3	1971	3,549.1	27,597,397	-4.3
1926	97.7	73,939	78.9	1972	3,219.9	28,775,880	-9.3
1927	165.5	134,346	69.4	1973	3,366.0	30,004,470	4.5
1928	289.5	240,303	74.9	1974	2,976.3	31,090,820	-11.6
1929	372.8	376,375	28.8	1975	2,346.2	31,947,183	-21.2
1930	370.5	511,608	-0.6	1976	2,294.4	32,786,934	-2.2
1931	320.2	628,481	-13.6	1977	2,237.9	33,603,767	-2.5
1932	319.0	745,235	-0.4	1978	2,165.5	34,394,184	-3.2
1933	323.8	863,422	1.5	1979	2,356.4	35,254,273	8.8
1934	373.4	999,713	15.3	1980	2,165.0	36,046,663	-8.1
1935	406.9	1,148,231	9.0	1981	2,108.3	36,816,192	-2.6
1936	422.5	1,302,866	3.8	1982	1,895.0	37,507,867	-10.1
1937	508.9	1,488,615	20.4	1983	1,800.8	38,165,159	-5.0
1938	515.2	1,676,663	1.2	1984	1,695.5	38,785,712	-5.8
1939	560.4	1,881,209	8.8	1985	1,564.0	39,356,572	-7.8
1940	502.3	2,065,051	-10.4	1986	1,648.5	39,958,275	5.4
1941	621.3	2,291,825	23.7	1987	1,575.5	40,533,332	-4.4
1942	405.9	2,439,979	-34.7	1988	1,578.1	41,110,930	0.2
1943	491.5	2,619,376	21.1	1989	1,747.4	41,748,731	10.7
1944	702.3	2,876,418	42.9	1990	2,135.2	42,528,079	22.2
1945	886.0	3,199,808	26.2	1991	2,286.2	43,362,542	7.1
1946	1,064.3	3,588,277	20.1	1992	2,345.6	44,221,032	2.6
1947	1,191.5	4,023,175	12.0	1993	2,326.0	45,070,022	-0.8
1948	1,338.8	4,513,176	12.4	1994	2,367.9	45,934,305	1.8
1949	1,321.4	4,995,487	-1.3	1995	2,378.5	46,802,458	0.4
1950	1,498.0	5,542,257	13.4	1996	2,381.0	47,673,904	0.1
1951	1,704.6	6,164,436	13.8	1997	2,411.0	48,553,919	1.3
1952	1,803.9	6,824,663	5.8	1998	3,120.0	49,692,719	29.4
1953	1,765.0	7,468,888	-2.2	1999	2,800.4	50,714,865	-10.2
1954	1,895.3	8,160,673	7.4	2000	2,891.0	51,772,971	3.2
1955	2,157.2	8,948,051	13.8	2001	2,791.9	52,792,016	-3.4
1956	2,456.8	9,847,239	13.9	2002	2,782.0	53,807,446	-0.4
1957	2,779.2	10,861,647	13.1	2003	2,643.0	54,772,141	-5.0
1958	2,604.8	11,812,399	-6.3	2004	3,009.4	55,873,581	13.9
1959	2,771.0	12,823,814	6.4	2005	3,066.8	56,992,963	1.9
1960	2,846.1	13,865,487	2.7	2006	3,035.6	58,100,957	-1.0
1961	2,919.9	14,931,250	2.6	2007	2,949.5	59,177,525	-2.8
1962	3,199.8	16,099,177	9.6				

Table 39

Oil and gas data

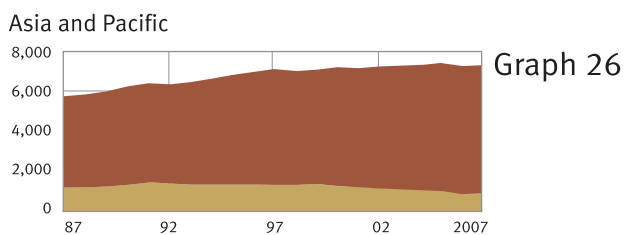
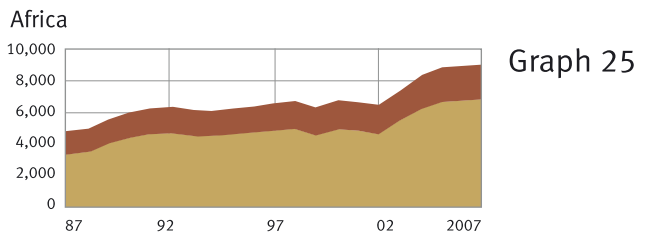
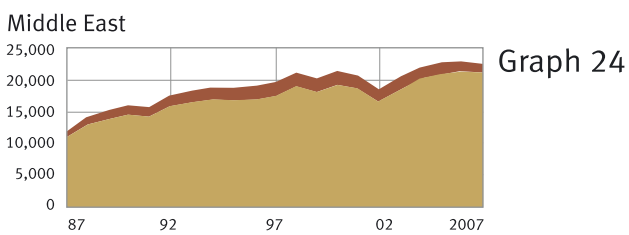
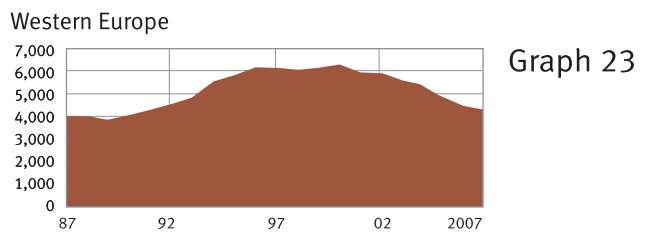
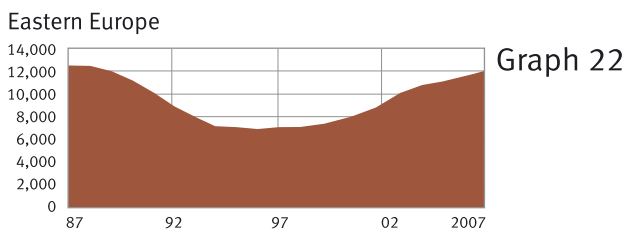
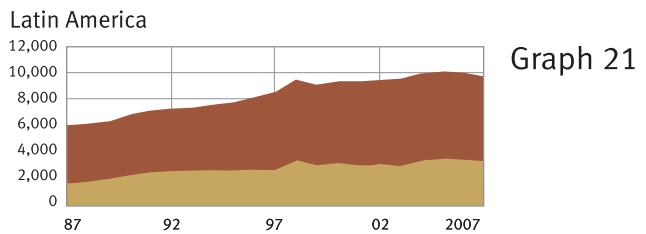
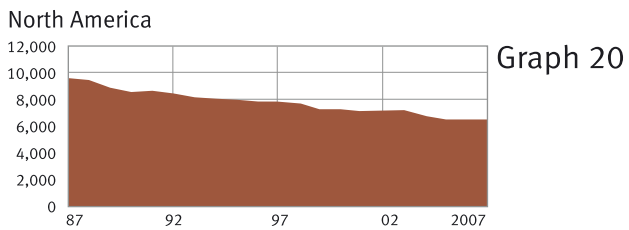
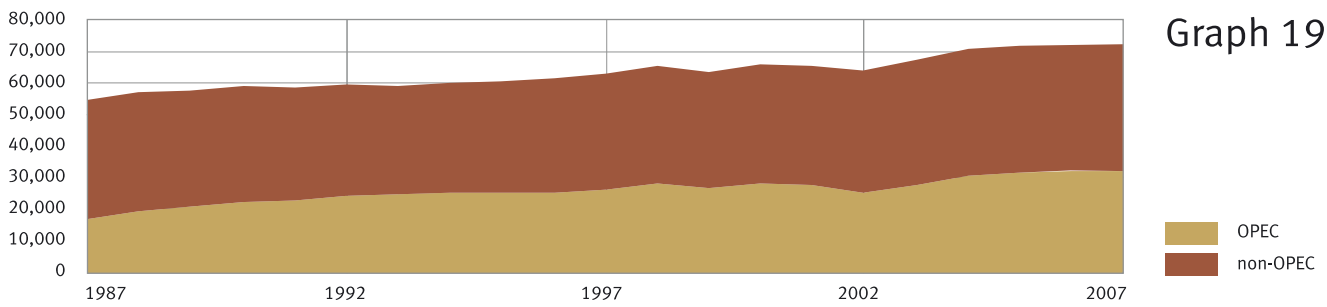
World crude oil production by country, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
North America	7,140.1	6,823.9	6,538.3	6,447.8	6,499.1	0.8
Canada	1,459.4	1,405.2	1,360.0	1,345.7	1,396.7	3.8
United States	5,680.7	5,418.7	5,178.4	5,102.1	5,102.5	–
Latin America	9,549.4	9,961.8	10,130.3	10,077.8	9,796.1	–2.8
Argentina	740.0	694.7	664.6	657.7	641.5	–2.5
Brazil	1,496.1	1,477.4	1,633.6	1,722.7	1,748.0	1.5
Chile	3.9	4.0	4.0	3.0	2.0	–33.3
Colombia	541.1	531.3	525.8	531.0	529.5	–0.3
Ecuador	402.0	507.3	511.9	518.4	511.4	–1.3
Mexico	3,370.8	3,383.0	3,333.6	3,255.7	3,081.7	–5.3
Peru	91.3	94.1	111.3	77.6	77.0	–0.7
Trinidad & Tobago	134.8	122.1	145.0	144.9	121.0	–16.5
Venezuela	2,643.0	3,009.4	3,066.8	3,035.6	2,949.5	–2.8
Others	126.3	138.5	133.9	131.2	134.4	2.5
Eastern Europe	9,960.9	10,745.7	11,083.2	11,532.4	11,996.7	4.0
Albania	7.0	7.0	7.0	7.0	7.0	–
Hungary	27.2	22.0	19.0	17.8	16.6	–6.8
Romania	116.4	112.1	106.2	98.3	93.2	–5.2
Former USSR	9,788.0	10,580.2	10,927.5	11,388.0	11,860.6	4.2
Others	22.3	24.4	23.4	21.3	19.3	–9.4
Western Europe	5,628.2	5,374.9	4,905.1	4,501.5	4,320.4	–4.0
Denmark	369.4	389.2	377.1	342.0	310.7	–9.1
France	24.6	22.9	21.6	21.4	19.6	–8.6
Germany	72.8	68.2	68.4	66.7	66.3	–0.6
Italy	90.4	102.2	114.5	110.2	107.7	–2.2
Netherlands	44.8	40.8	29.0	26.2	40.2	53.2
Norway	2,851.5	2,797.4	2,552.7	2,353.6	2,210.5	–6.1
Turkey	45.3	43.2	43.5	41.6	41.9	0.8
United Kingdom	2,065.8	1,851.3	1,644.2	1,486.4	1,471.8	–1.0
Former Yugoslavia	37.0	35.0	32.2	32.4	30.8	–4.8
Others	26.6	24.8	21.6	21.0	20.8	–0.8
Middle East	20,408.5	21,981.5	22,722.0	22,887.0	22,495.2	–1.7
Bahrain	188.6	187.1	186.5	183.3	184.7	0.8
IR Iran	3,741.6	3,834.2	4,091.5	4,072.6	4,030.7	–1.0
Iraq	1,377.8	2,107.1	1,853.2	1,957.2	2,183.7	11.6
Kuwait ¹	2,107.6	2,288.7	2,573.4	2,664.5	2,574.5	–3.4
Oman	759.5	719.7	714.8	687.1	646.4	–5.9
Qatar	676.0	755.3	765.9	802.9	845.3	5.3
Saudi Arabia ¹	8,410.3	8,897.0	9,353.3	9,207.9	8,816.0	–4.3
Syrian Arab Republic	477.8	455.0	415.8	386.2	364.7	–5.6
United Arab Emirates	2,248.0	2,343.6	2,378.0	2,568.0	2,529.0	–1.5
Yemen	421.2	393.8	389.6	357.3	320.2	–10.4
Africa	7,246.4	8,276.9	8,815.7	8,958.4	9,065.7	1.2
Algeria	942.4	1,311.4	1,352.0	1,368.8	1,371.6	0.2
Angola	901.2	1,020.3	1,241.4	1,384.6	1,694.6	22.4
Cameroon	66.6	70.0	82.3	87.5	82.2	–6.1
Congo	255.7	237.6	241.1	247.2	243.1	–1.7
Egypt	618.5	594.6	578.9	533.1	478.4	–10.3
Gabon	250.0	252.5	253.5	250.0	250.1	0.1
SP Libyan AJ	1,431.9	1,580.7	1,693.2	1,751.2	1,673.9	–4.4
Nigeria	2,166.3	2,327.5	2,365.9	2,233.9	2,059.3	–7.8
Tunisia	65.7	69.3	69.6	67.2	90.6	34.7
Others	548.0	813.0	937.8	1,034.9	1,122.1	8.4
Asia and Pacific	7,287.7	7,347.1	7,445.9	7,310.7	7,309.2	–
Australia	518.2	440.2	443.7	424.1	448.7	5.8
Brunei	193.4	189.7	187.8	198.1	163.6	–17.4
China	3,407.2	3,485.0	3,617.2	3,673.5	3,736.0	1.7
India	663.1	682.6	652.1	675.6	684.1	1.3
Indonesia	1,139.7	1,094.4	1,059.3	883.0	837.6	–5.1
Malaysia	737.8	762.4	726.9	704.0	695.3	–1.2
New Zealand	23.4	20.2	18.5	18.2	41.7	128.6
Others	605.0	672.6	740.5	734.2	702.2	–4.4
Total world	67,221.1	70,511.7	71,640.5	71,715.5	71,482.3	–0.3
OPEC	28,187.9	31,076.8	32,305.7	32,448.6	32,077.1	–1.1
OPEC percentage	41.9	44.1	45.1	45.2	44.9	–0.8

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, 1987–2007 (1,000 b/d)



Natural gas production in OPEC Members, 2003–2007 (million standard cu m)

	2003	2004	2005	2006	2007*	% change 07/06
Algeria						
Gross production	176,026	183,878	193,101	194,782	198,182	1.7
Marketed production	82,829	82,009	89,235	88,209	84,827	-3.8
Flaring	4,272	3,624	2,996	3,340	4,675	40.0
Reinjection	74,645	82,928	86,563	90,216	93,045	3.1
Shrinkage	14,280	15,317	14,307	13,017	15,635	20.1
Angola						
Gross production	6,900	7,800	8,500	9,400	10,810	15.0
Marketed production	650	750	650	680	830	22.1
Flaring	5,850	6,200	6,500	6,500	7,300	12.3
Reinjection	350	800	1,200	2,070	2,500	20.8
Shrinkage	50	50	150	150	180	20.0
Ecuador						
Gross production	1,180	1,250	1,240	1,250	1,240	-0.8
Marketed production	150	240	260	280	275	-1.8
Flaring	830	780	780	770	770	-
Reinjection	200	230	200	200	195	-2.5
Shrinkage	-	-	-	-	-	-
Indonesia						
Gross production	89,358	85,073	84,547	83,662	79,455	-5.0
Marketed production	72,700	72,800	68,700	69,300	68,261	-1.5
Flaring	4,175	3,821	3,657	3,167	2,765	-12.7
Reinjection	1,932	1,325	1,600	1,101	370	-66.4
Shrinkage	10,551	7,127	10,590	10,094	8,059	-20.2
IR Iran						
Gross production	131,880	149,141	161,500	167,800	174,200	3.8
Marketed production	81,500	89,663	103,500	108,600	111,900	3.0
Flaring	14,800	13,070	12,000	15,830	15,695	-0.9
Reinjection	28,426	29,298	30,500	26,663	28,479	6.8
Shrinkage	7,154	17,110	15,500	16,707	18,126	8.5
Iraq						
Gross production	9,500	10,500	11,350	11,900	13,596	14.3
Marketed production	1,560	1,000	1,450	1,450	1,460	0.7
Flaring	7,140	8,000	7,900	6,600	6,621	0.3
Reinjection	-	500	800	800	763	-4.6
Shrinkage	800	1,000	1,200	3,050	4,752	55.8
Kuwait						
Gross production	11,020	11,861	13,300	13,670	13,310	-2.6
Marketed production	10,000	10,900	12,300	12,410	12,060	-2.8
Flaring	260	250	1	260	250	-3.8
Reinjection	-	-	-	-	-	-
Shrinkage	760	711	1,000	1,000	1,000	-
SP Libyan AJ						
Gross production	12,760	16,560	21,845	27,064	29,219	8.0
Marketed production	5,500	8,060	11,300	13,195	15,280	15.8
Flaring	750	900	2,584	2,980	2,909	-2.4
Reinjection	6,160	6,700	3,544	3,634	3,366	-7.4
Shrinkage	350	900	4,417	7,255	7,664	5.6
Nigeria						
Gross production	52,750	59,761	58,350	61,800	70,100	13.4
Marketed production	19,023	22,388	22,400	28,500	34,100	19.6
Flaring	23,252	24,119	23,000	22,300	22,000	-1.3
Reinjection	8,529	11,277	11,000	9,000	11,500	27.8
Shrinkage	1,946	1,977	1,950	2,000	2,500	25.0
Qatar						
Gross production	40,050	48,470	57,600	64,200	73,800	15.0
Marketed production	31,400	39,170	45,800	50,700	59,800	17.9
Flaring	300	300	3,900	4,100	4,200	2.4
Reinjection	3,600	3,600	2,000	3,400	3,500	2.9
Shrinkage	4,750	5,400	5,900	6,000	6,300	5.0
Saudi Arabia						
Gross production	67,920	76,460	81,350	85,001	83,280	-2.0
Marketed production	60,060	65,680	71,240	73,461	74,420	1.3
Flaring	120	220	200	70	200	185.7
Reinjection	440	470	160	217	100	-53.9
Shrinkage	7,300	10,090	9,750	11,253	8,560	-23.9
United Arab Emirates						
Gross production	64,000	68,030	70,470	72,510	74,630	2.9
Marketed production	44,800	46,290	47,790	48,790	50,290	3.1
Flaring	610	920	910	950	970	2.1
Reinjection	13,760	15,800	16,500	17,300	17,700	2.3
Shrinkage	4,830	5,020	5,270	5,470	5,670	3.7
Venezuela						
Gross production	61,657	68,295	73,348	72,990	71,622	-1.9
Marketed production	26,060	23,900	25,200	26,000	26,500	1.9
Flaring	4,391	5,436	7,077	7,080	7,184	1.5
Reinjection	26,278	29,629	30,375	30,200	30,974	2.6
Shrinkage	4,928	9,330	10,696	9,710	6,964	-28.3
OPEC						
Gross production	725,001	787,079	836,501	866,029	893,444	3.2
Marketed production	436,232	462,850	499,825	521,575	540,003	3.5
Flaring	66,750	67,640	71,505	73,947	75,539	2.2
Reinjection	164,320	182,557	184,442	184,801	192,492	4.2
Shrinkage	57,699	74,032	80,730	85,706	85,410	-0.3

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

Table 41

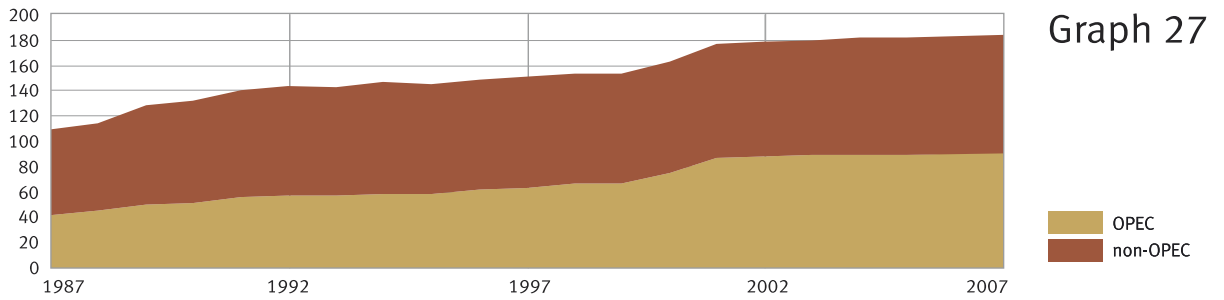
Oil and gas data

World marketed production of natural gas by country, 2003–2007 (*million standard cu m*)

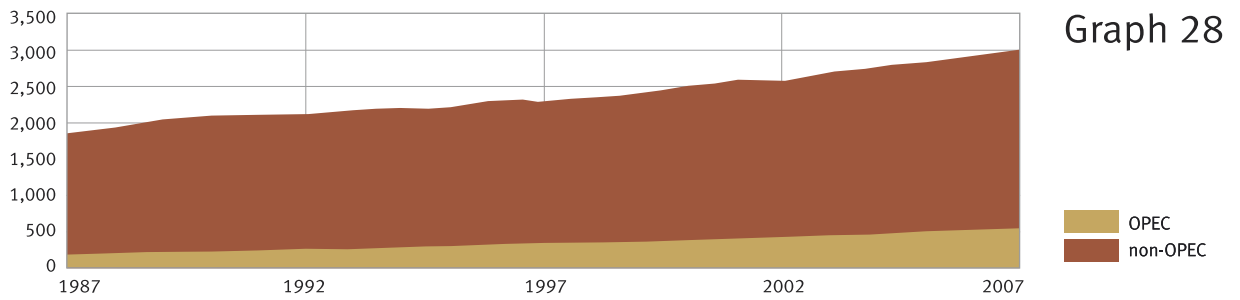
	2003	2004	2005	2006	2007*	% change 07/06
North America	723,582	710,100	696,970	708,745	732,950	3.4
Canada	182,700	183,600	185,770	185,500	187,000	0.8
United States	540,882	526,500	511,200	523,245	545,950	4.3
Latin America	153,530	163,990	173,810	185,200	196,975	6.4
Argentina	41,000	44,900	45,600	46,100	44,800	-2.8
Bolivia	6,700	10,100	12,400	13,000	14,700	13.1
Brazil	8,800	9,700	9,800	9,900	9,800	-1.0
Chile	1,100	1,090	1,100	1,100	1,300	18.2
Colombia	6,090	6,400	6,800	7,300	7,700	5.5
Ecuador	150	240	260	280	275	-1.8
Mexico	36,400	37,400	39,200	42,900	50,500	17.7
Trinidad & Tobago	26,340	29,000	31,470	36,440	39,000	7.0
Venezuela	26,060	23,900	25,200	26,000	26,500	1.9
Others	890	1,260	1,980	2,180	2,400	10.1
Eastern Europe	747,887	771,248	784,870	804,430	813,280	1.1
Hungary	2,940	2,730	2,800	3,000	2,550	-15.0
Poland	4,100	4,400	4,300	4,300	4,300	-
Romania	12,900	12,600	12,400	12,100	11,600	-4.1
Former USSR	727,597	750,788	764,640	784,300	794,100	1.2
Others	350	730	730	730	730	-
Western Europe	295,910	302,240	293,740	285,850	274,950	-3.8
Denmark	7,980	9,450	10,400	10,400	9,200	-11.5
Germany	19,650	18,300	16,600	16,600	15,100	-9.0
Italy	13,890	12,980	12,100	10,800	9,700	-10.2
Netherlands	68,400	77,500	72,800	70,700	69,900	-1.1
Norway	76,140	81,000	87,000	90,500	92,600	2.3
United Kingdom	102,850	95,970	87,800	79,800	72,300	-9.4
Others	7,000	7,040	7,040	7,050	6,150	-12.8
Middle East	262,600	289,193	319,970	337,601	352,820	4.5
Bahrain	9,600	9,800	10,700	11,100	11,500	3.6
IR Iran	81,500	89,663	103,500	108,600	111,900	3.0
Iraq	1,560	1,000	1,450	1,450	1,460	0.7
Kuwait	10,000	10,900	12,300	12,410	12,060	-2.8
Oman	16,500	18,500	19,800	23,700	24,100	1.7
Qatar	31,400	39,170	45,800	50,700	59,800	17.9
Saudi Arabia	60,060	65,680	71,240	73,461	74,420	1.3
Syrian Arab Republic	6,850	7,100	6,100	6,100	6,000	-1.6
United Arab Emirates	44,800	46,290	47,790	48,790	50,290	3.1
Others	330	1,090	1,290	1,290	1,290	-
Africa	144,502	153,597	175,625	186,094	195,647	5.1
Algeria	82,829	82,009	89,235	88,209	84,827	-3.8
Angola	650	750	650	680	830	22.1
Egypt	30,000	32,400	42,500	45,200	47,500	5.1
SP Libyan AJ	5,500	8,060	11,300	13,195	15,280	15.8
Nigeria	19,023	22,388	22,400	28,500	34,100	19.6
Others	6,500	7,990	9,540	10,310	13,110	27.2
Asia and Pacific	319,590	331,520	360,250	384,700	404,361	5.1
Australia	34,200	34,700	38,900	46,200	49,000	6.1
Bangladesh	12,200	13,100	14,000	15,300	15,700	2.6
Brunei	12,400	12,200	12,000	12,600	12,300	-2.4
China	34,130	40,980	49,950	58,600	67,900	15.9
India	27,300	28,200	29,900	31,200	31,700	1.6
Indonesia	72,700	72,800	68,700	69,300	68,261	-1.5
Malaysia	56,800	55,140	61,700	62,000	64,500	4.0
Myanmar	9,600	10,200	13,000	13,400	14,700	9.7
New Zealand	4,300	3,800	3,500	3,600	4,000	11.1
Pakistan	25,200	27,400	30,800	30,500	30,800	1.0
Thailand	21,760	22,400	23,700	24,300	25,400	4.5
Others	9,000	10,600	14,100	17,700	20,100	13.6
Total world	2,647,601	2,721,888	2,805,234	2,892,620	2,970,983	2.7
OPEC	436,232	462,850	499,825	521,575	540,003	3.5
OPEC percentage	16.5	17.0	17.8	18.0	18.2	

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

World proven natural gas reserves, 1987–2007 (trillion cu m)



World marketed natural gas production, 1987–2007 (bn cu m)



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

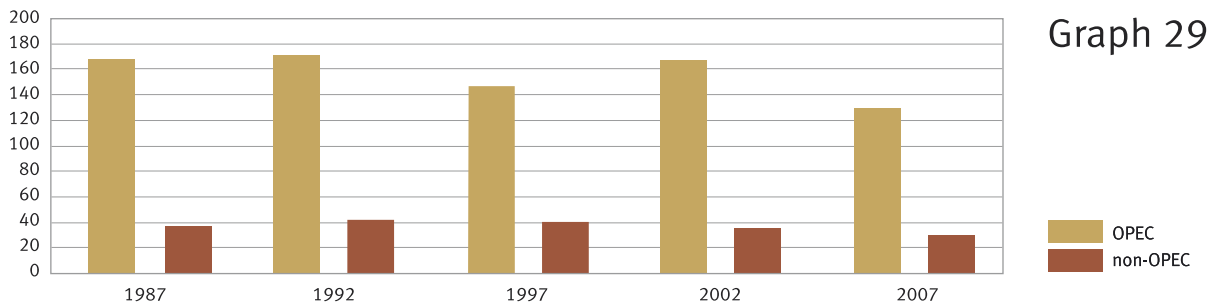


Table 42

Oil and gas data

Crude oil production by companies in OPEC Members, 2003–2007 (1,000 b/d)

Algeria	2003	2004	2005	2006*	2007*	% change 07/06
Sonatrach	877.7	1,221.4	1,259.2	1,274.9	1,277.5	0.2
Total Algérie	8.9	12.3	12.7	12.9	12.9	na
Medaloil	na	na	na	na	na	na
Hispanoil	na	na	na	na	na	na
Braspetro	na	na	na	na	na	na
Anadarko	na	na	65.0	64.0	64.1	na
Total	942.4	1,311.4	1,352.0	1,368.8	1,371.6	0.2

Notes: Sum of individual figures may not be equal totals due to unavailability of data for some companies.

Angola	2003	2004	2005	2006*	2007*	% change 07/06
Sonangol	358.8	403.2	494.7	551.8	675.4	na
Chevron	116.5	132.2	161.0	179.5	246.2	na
Elf	210.8	240.9	288.5	321.8	368.0	na
Texaco	108.7	123.3	150.2	167.5	205.0	na
Others	106.4	120.7	147.0	163.9	200.0	na
Total	901.2	1,020.3	1,241.3	1,384.6	1,694.6	22.4

Notes: Sum of individual figures may not be equal to totals due to unavailability of data for some companies.

Ecuador	2003	2004	2005	2006*	2007*	% change 07/06
Petroproducción	251.3	317.1	320.0	324.2	257.5	na
Others	150.8	190.2	191.9	194.2	253.9	na
Total	402.0	507.3	511.9	518.4	511.4	-1.4

Notes: Sum of individual figures may not be equal to totals due to unavailability of data for some companies.

Indonesia	2003	2004	2005	2006*	2007*	% change 07/06
Pertamina	40.5	48.5	48.8	41.0	38.9	-5.1
PT Stanvac	na	na	na	na	na	na
Calasiatic/Topco	na	na	na	na	na	na
Production sharing:	1,030.0	1,015.8	1,010.5	842.0	798.7	-5.1
PT Caltex	581.6	506.1	495.8	413.1	425.5	3.0
Inpex	na	na	na	na	na	na
Arri	40.0	na	na	na	na	na
ARCO	na	na	na	na	na	na
Hudbay Oil	na	na	na	na	na	na
Total Indonésie	17.7	82.0	88.0	73.3	88.5	20.7
Calasiatic/Topco	-	-	-	-	-	-
Unocal	51.8	55.8	53.8	44.8	-	-
Petromer Trend	na	na	na	na	na	na
Conoco Phillips	62.9	44.2	60.7	50.6	54.6	8.0
Maxus SES	na	na	na	na	na	na
Asamera North, South	na	na	na	na	na	na
Exxon Mobil	na	21.3	14.0	12.0	8.7	-27.5
CNOOC	na	81.7	65.0	54.0	51.1	-5.4
Tesoro	na	na	na	na	na	na

Crude oil production by companies in OPEC Members, 2003–2007 (1,000 b/d)

Indonesia (cont'd)	2003	2004	2005	2006*	2007*	% change 07/06
Marathon	na	na	na	na	na	na
CSR	na	na	na	na	na	na
Hufco	na	na	na	na	na	na
Kodeco Energy	13.6	14.3	11.1	9.2	9.1	-1.6
Vico	20.0	29.2	20.1	16.7	15.6	-6.9
PTSI	na	na	na	na	na	na
Lasmo	na	na	na	na	na	na
PT Stanvac (Rimau)	na	na	na	na	na	na
Others	na	211.3	202.0	168.1	145.6	-13.4
Total	1,139.7	1,094.4	1,059.3	883.0	837.6	-5.1

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

IR Iran	2003	2004	2005	2006*	2007*	% change 07/06
NIOC	3,741.6	3,834.2	4,091.5	4,072.6	4,030.7	–
Total	3,741.6	3,834.2	4,091.5	4,072.6	4,030.7	-1.0

Iraq	2003	2004	2005	2006*	2007*	% change 07/06
INOC	1,377.8	2,107.1	1,853.2	1,957.2	2,183.7	–
Total	1,377.8	2,107.1	1,853.2	1,957.2	2,183.7	11.6

Kuwait	2003	2004	2005	2006*	2007*	% change 07/06
KOC	1,904.2	2,067.8	2,573.4	2,664.5	2,574.5	–
AOC	na	na	na	na	na	na
Total	2,107.6	2,288.7	2,573.4	2,664.5	2,574.5	-3.4

SP Libyan AJ	2003	2004	2005	2006*	2007*	% change 07/06
Ageco/NOC	417.8	461.2	494.0	510.9	488.4	–
Oasis/NOC	447.5	494.0	529.1	547.3	523.1	–
Occidental/OMV/NOC	23.9	26.3	28.2	29.2	27.9	–
Agip	214.7	237.0	253.9	262.6	251.0	–
Esso Standard/NOC	na	na	na	na	na	na
Mobil/NOC	na	na	na	na	na	na
UMM Jawaby/ Sirte/NOC	71.6	79.0	84.6	87.5	83.7	na
Aquitaine/NOC	na	na	na	na	na	na
Wintershall	95.4	105.4	112.9	116.7	111.6	na
NOC, Others	161.0	177.8	190.4	197.0	188.3	na
Total	1,431.9	1,580.7	1,693.2	1,751.2	1,673.9	-4.4

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

Table 42

Oil and gas data

Crude oil production by companies in OPEC Members, 2003–2007 (1,000 b/d)

Nigeria	2003	2004	2005	2006*	2007*	% change 07/06
Shell/NNPC	999.0	1,073.3	1,091.0	1,030.1	949.6	–
Gulf/NNPC	430.4	462.4	470.0	443.8	409.1	–
Mobil/NNPC	320.9	344.8	350.5	330.9	305.1	–
Agip/NNPC	166.8	179.2	182.2	172.0	158.6	–
Elf/NNPC	142.2	152.8	155.3	146.6	135.2	–
Texaco/NNPC	60.7	65.3	66.3	62.6	57.7	–
Pan Ocean	3.8	4.1	4.2	3.9	3.6	–
Tenneco	na	na	na	na	na	na
Phillips	na	na	na	na	na	na
Others	21.6	23.2	23.6	22.3	20.6	–
Production sharing	na	na	na	na	na	na
Ashland	20.8	22.4	22.7	21.5	19.8	–
Total	2,166.3	2,327.5	2,365.9	2,233.9	2,059.3	–7.8

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

Qatar	2003	2004	2005	2006*	2007*	% change 07/06
QGPC						
Offshore	453.8	507.1	514.2	539.0	567.5	na
Onshore	222.2	248.2	251.7	263.9	277.8	–
Total	676.0	755.3	765.9	802.9	845.3	5.3

Saudi Arabia	2003	2004	2005	2006*	2007*	% change 07/06
Aramco	8,103.5	8,572.4	9,100.0	8,960.0	8,566.0	na
AOC	na	na	na	na	na	na
Getty Oil Company	na	na	na	na	na	na
Total	8,410.3	8,897.0	9,353.3	9,207.9	8,816.0	–4.3

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

United Arab Emirates	2003	2004	2005	2006*	2007*	% change 07/06
Abu Dhabi:						
ADCO	1,151.6	1,211.2	1,239.0	1,353.0	1,340.0	–
ADMA	524.7	551.8	564.8	614.9	608.0	–
Total	33.2	34.9	36.4	39.3	38.7	–
ADOC	26.1	27.4	28.8	31.1	30.6	–
Amerada Hess	11.5	12.1	12.3	13.2	13.0	–
Zadco	364.4	383.3	392.9	426.8	420.1	–
Dubai:						
DPC	136.5	122.9	103.8	89.7	78.5	–12.5
Sharjah:						
Buttes	na	na	na	na	na	–
Total	2,248.0	2,343.6	2,378.0	2,568.0	2,529.0	–1.5

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

Venezuela	2003	2004	2005	2006*	2007*	% change 07/06
Lagoven	–	–	–	–	–	–
Maraven	–	–	–	–	–	–
Meneven	–	–	–	–	–	–
Corpoven	–	–	–	–	–	–
PDVSA	2,643.0	3,009.4	3,066.8	3,036.0	2,949.5	–
Total	2,643.0	3,009.4	3,066.8	3,036.0	2,949.5	–2.8

Parent companies' percentage equity in companies holding producing rights in OPEC Members, 2007

	BP ¹	Total ²	Exxon ³	Mobil ³	Shell	Chevron ⁴	Texaco ⁴	Govt 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
Angola									
Sonangol	–	–	–	–	–	–	–	100.00	–
Chevron	–	10.00	–	–	–	39.00	–	41.00	10.00
Elf	–	27.50	–	–	–	–	20.00	25.00	27.50
Texaco	–	32.60	–	–	–	–	16.40	51.00	–
Ecuador									
Petroecuador-Texaco	–	–	–	–	–	–	37.50	62.50	–
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	–	–	–	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	–
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
ADOC	–	–	–	–	–	–	–	–	100.00
Amerada Hess	–	–	–	–	–	–	–	–	100.00
DPC	–	–	–	–	–	–	–	–	100.00
Buttes	–	–	–	–	–	–	–	–	100.00
Zadco	–	–	–	–	–	–	–	88.00	12.00
Venezuela									
PDVSA	–	–	–	–	–	–	–	100.00	–

Notes:

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

Table 44

Oil and gas data

Parent companies' estimated gross share of crude oil production in OPEC Members, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007*
Algeria	942	1,311	1,352	1,369	1,372
Total Algérie ²	8	12	13	14	13
Government or NOC	877	1,220	1,192	1,207	1,210
Others	57	79	147	148	149
Angola	896	1,017	1,238	1,385	1,695
Chevron	359	403	495	552	675
Elf	117	132	161	180	246
Texaco	211	241	288	322	368
Government or NOC	109	123	150	168	205
Others	106	121	147	164	200
Ecuador	402	507	515	518	511
Government or NOC	251	317	320	324	258
Others	151	190	192	194	254
Indonesia	1,140	1,094	1,059	883	838
Total Indonésie ²	18	82	88	73	89
Exxon ³	na	21	14	12	9
Mobil ³	na	na	na	na	na
Chevron ⁴	291	253	248	207	213
Texaco ⁴	291	253	248	207	213
Government or NOC	40	49	49	41	39
Others	500	436	412	344	275
IR Iran	3,742	3,834	4,092	4,073	4,031
Government or NOC	3,742	3,834	4,092	4,073	4,031
Others	–	–	–	–	–
Iraq	1,379	2,107	1,853	1,957	2,184
Government or NOC	1,379	2,107	1,853	1,957	2,184
Others	–	–	–	–	–
Kuwait	2,108	2,289	2,573	2,665	2,575
Government or NOC	1,904	2,067	2,325	2,408	2,575
Others	204	221	248	257	–
SP Libyan AJ	1,432	1,581	1,693	1,751	1,674
Government or NOC	1,054	1,163	1,246	1,288	1,230
Others	378	418	447	463	444
Nigeria	2,166	2,328	2,366	2,234	2,059
Total ²	57	61	62	59	54
Mobil ³	128	137	140	132	122
Shell	300	322	328	309	285
Chevron ⁴	184	197	201	189	175
Texaco ⁴	12	12	13	12	11
Government or NOC	1,300	1,397	1,420	1,341	1,236
Others	186	200	203	192	177
Qatar	676	755	766	803	845
Government or NOC	676	755	766	803	845
Others	–	–	–	–	–
Saudi Arabia	8,410	8,897	9,353	9,208	8,816
Government or NOC	8,104	8,572	9,100	8,958	8,566
Others	306	325	253	250	250
United Arab Emirates	2,248	2,344	2,378	2,568	2,529
BP ¹	170	177	179	194	191
Total ²	183	191	194	209	206
Exxon ³	78	81	83	89	88
Mobil ³	78	81	83	89	88
Shell	100	104	106	114	112
Government or NOC	1,210	1,261	1,280	1,382	1,361
Others	430	448	454	491	483
Venezuela	2,643	3,009	3,067	3,036	2,950
Government or NOC	2,643	3,009	3,067	3,036	2,950
Others	–	–	–	–	–
OPEC	28,185	31,073	32,305	32,450	32,079
BP ¹	170	177	179	194	191
Total ²	478	587	645	677	730
Exxon ³	78	102	97	101	97
Mobil ³	206	219	222	221	209
Shell	400	427	433	423	397
Chevron ⁴	591	583	610	576	634
Texaco ⁴	411	389	411	386	429
Government or NOC	23,539	26,156	27,204	27,370	27,160
Others	2,318	2,438	2,504	2,502	2,231

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

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

Refinery capacity in OPEC Members by location, 2003–2007 (1,000 b/cd)

	Location	2003	2004	2005	2006	2007
Algeria		462.2	462.2	462.2	455.2	475.0
Sonatrach	Skikda	323.4	323.4	323.4	309.8	323.4
	Arzew	53.9	53.9	53.9	57.5	53.9
	El Harrach	58.2	58.2	58.2	60.4	58.2
	Hassi Messaoud	26.7	26.7	26.7	27.5	26.7
	In Amenas	–	–	–	–	–
	Adrar	–	–	–	–	12.8
Angola		39.0	39.0	39.0	39.0	39.0
Fina Petróleos de Angola	Luanda	39.0	39.0	39.0	39.0	39.0
Ecuador		176.0	176.0	176.0	176.0	188.4
Petroindustrial	Esmeraldas	110.0	110.0	110.0	110.0	110.0
	Santa Elena	38.0	38.0	38.0	38.0	45.0
	Shushufindi	20.0	20.0	20.0	20.0	20.0
Petroproducción	Lago Agrio	1.0	1.0	1.0	1.0	1.0
	Sucumbíos	–	–	–	–	1.7
Andes Petroleum	Sucumbíos	–	–	–	–	3.5
Repsol YPF	Orellana	7.0	7.0	7.0	7.0	7.2
Indonesia		1,057.0	1,055.5	1,057.0	1,057.0	1,050.6
Pertamina	Musi ¹	135.2	133.7	135.2	135.2	127.3
	Balongan	125.0	125.0	125.0	125.0	125.0
	Dumai	120.0	120.0	120.0	120.0	122.0
	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	4.5
	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	638.5	638.5
INOC	Basrah	126.0	126.0	126.0	150.0	150.0
	Daurah	100.0	100.0	100.0	110.0	110.0
	Kirkuk	27.0	27.0	27.0	10.0	10.0
	Baiji (Salaheddin)	140.0	140.0	140.0	150.0	150.0
	Baiji (North)	150.0	150.0	150.0	160.0	160.0
	Khanaqin/Alwand	10.5	10.5	10.5	10.0	10.0
	Samawah	27.0	27.0	27.0	20.0	20.0
	Haditha	14.0	14.0	14.0	10.0	10.0
	Muftiah	4.5	4.5	4.5	4.5	4.5
	Gaiyarah	4.0	4.0	4.0	4.0	4.0
	Najaf	–	–	–	10.0	10.0
Kuwait		831.0	936.0	936.0	932.0	936.0
KNPC	Mina Al-Ahmadi	412.0	466.0	466.0	462.0	466.0
	Shuaiba	179.0	200.0	200.0	200.0	200.0
	Mina Abdullah	240.0	270.0	270.0	270.0	270.0

Table 45

Oil and gas data

Refinery capacity in OPEC Members by location, 2003–2007 (1,000 b/cd)

	Location	2003	2004	2005	2006	2007
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 Hartcourt	60.0	60.0	60.0	60.0	60.0
	Port Hartcourt New	150.0	150.0	150.0	150.0	150.0
Qatar		80.0	80.0	80.0	80.0	80.0
Qatar Petroleum	Mesaieed I	–	–	–	–	–
	Mesaieed II	80.0	80.0	80.0	80.0	80.0
Saudi Arabia		2,064.0	2,077.0	2,091.0	2,135.5	2,130.0
Saudi Aramco	Ras Tanura	525.0	525.0	535.0	550.0	550.0
	Jeddah	77.0	84.0	84.0	88.0	85.0
	Riyadh	122.0	120.0	121.0	127.5	120.0
Getty	Mina Saud	–	–	–	–	–
AOC	Khafji	30.0	30.0	30.0	30.0	30.0
Saudi Aramco	Yanbu (domestic)	235.0	235.0	235.0	235.0	235.0
Saudi Aramco/Mobil	Yanbu (export)	400.0	400.0	403.0	400.0	400.0
Saudi Aramco/Shell	Jubail	305.0	313.0	308.0	305.0	310.0
Saudi Aramco/Petrola	Rabigh	370.0	370.0	375.0	400.0	400.0
United Arab Emirates		466.3	466.3	466.3	466.3	466.3
ADNOC	Al-Ruwais	120.0	120.0	120.0	120.0	120.0
	Umm Al-Narr	85.0	85.0	85.0	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	71.3
Venezuela		1,003.8	1,045.7	1,054.3	1,039.8	1,041.8
PDVSA	Amuay	–	–	–	–	–
	Caripito	–	–	–	–	–
	Cardon	–	–	–	–	–
	Paraguaná Refining Centre	664.4	736.7	736.7	720.4	721.4
	San Lorenzo	–	–	–	–	–
	Bajo Grande	3.3	9.4	11.1	12.1	13.1
	Morón	–	–	–	–	–
	Tucupita	–	–	–	–	–
	Puerto La Cruz/El Chaure	160.0	175.0	173.1	175.2	175.2
	San Roque	0.0	0.0	0.0	0.0	0.0
	El Palito	176.1	124.6	133.4	132.1	132.1
	Barinas	–	–	–	–	–
OPEC		9,081.2	9,239.7	9,263.8	9,318.3	9,344.5

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

1. Plaju and Sungai Gerong.

World refining capacity by country, 2003–2007 (1,000 b/cd)

	2003	2004	2005	2006	2007	% change 07/06
North America	18,686.0	18,792.2	19,143.2	19,313.8	19,416.7	0.5
Canada	1,987.8	2,017.4	2,017.0	2,041.2	1,969.5	-3.5
United States	16,698.2	16,774.9	17,126.2	17,272.6	17,447.2	1.0
Latin America	8,128.8	8,150.0	8,147.0	7,980.4	7,991.0	0.1
Argentina	639.1	625.1	624.6	624.6	626.1	0.2
Brazil	1,914.1	1,920.1	1,908.3	1,908.3	1,908.3	-
Colombia	285.9	285.9	285.9	285.9	285.9	-
Ecuador	176.0	176.0	176.0	176.0	188.4	7.0
Mexico	1,684.0	1,684.0	1,684.0	1,540.0	1,540.0	-
Netherland Antilles	320.0	320.0	320.0	320.0	320.0	-
Trinidad & Tobago	165.0	165.0	175.0	168.0	168.0	-
Venezuela	1,003.8	1,045.7	1,054.3	1,039.8	1,041.8	0.2
Virgin Islands	525.0	495.0	495.0	500.0	500.0	-
Others	1,415.9	1,433.2	1,423.9	1,417.8	1,412.5	-0.4
Eastern Europe	10,085.5	9,871.1	9,822.4	9,859.4	9,921.4	0.6
Former USSR ¹	8,618.7	8,389.1	8,223.8	8,260.8	8,311.3	0.6
Others	1,466.8	1,482.0	1,598.6	1,598.6	1,610.1	0.7
Western Europe	15,047.8	15,116.6	15,415.9	15,445.4	15,405.2	-0.3
Belgium	793.0	803.0	857.6	790.6	797.6	0.9
France	1,951.3	1,951.3	1,979.5	1,958.8	1,938.1	-1.1
Germany	2,289.4	2,323.2	2,428.2	2,417.4	2,417.1	-
Italy	2,313.4	2,320.9	2,324.4	2,337.2	2,337.2	-
Netherlands	1,221.5	1,227.5	1,221.9	1,211.9	1,226.9	1.2
Spain	1,271.5	1,271.5	1,271.5	1,271.5	1,277.0	0.4
United Kingdom	1,817.4	1,825.4	1,876.9	1,887.1	1,857.7	-1.6
Others	3,390.3	3,393.8	3,455.9	3,570.9	3,553.6	-0.5
Middle East	6,570.0	6,688.0	6,707.7	6,903.0	6,914.6	0.2
IR Iran	1,474.0	1,474.0	1,474.0	1,474.0	1,474.0	-
Iraq	603.0	603.0	603.0	638.5	638.5	-
Kuwait	831.0	936.0	936.0	932.0	936.0	0.4
Qatar	80.0	80.0	80.0	80.0	80.0	-
Saudi Arabia	2,064.0	2,077.0	2,091.0	2,135.5	2,130.0	-0.3
United Arab Emirates	466.3	466.3	466.3	466.3	466.3	-
Others	1,051.7	1,051.7	1,057.4	1,176.7	1,189.8	1.1
Africa	3,303.8	3,267.8	3,288.8	3,250.6	3,275.4	0.8
Algeria	462.2	462.2	462.2	455.2	475.0	4.3
Angola	39.0	39.0	39.0	39.0	39.0	-
Egypt	726.3	726.3	726.3	726.3	726.3	-
Gabon	17.3	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	1,234.0	1,194.0	1,219.0	1,187.8	1,192.8	0.4
Asia and Pacific	21,259.2	22,605.0	22,863.6	23,900.5	24,438.1	0.7
China	5,487.0	6,289.0	6,587.0	7,029.0	7,511.0	6.9
India	2,333.0	2,513.0	2,558.0	2,992.0	3,132.0	4.7
Indonesia	1,057.0	1,055.5	1,057.0	1,057.0	1,050.8	-
Japan	4,702.9	4,706.9	4,671.9	4,676.7	4,650.7	-0.6
South Korea	2,544.0	2,576.5	2,576.5	2,633.5	2,633.5	-
Singapore	1,318.6	1,318.6	1,318.6	1,318.6	1,344.0	1.9
Taiwan	920.0	920.0	1,220.0	1,290.0	1,290.0	-
Australia	755.0	755.0	701.6	704.7	701.1	-0.5
Others	2,141.7	2,470.5	2,173.0	2,199.0	2,125.0	-3.3
Total world	83,081.1	84,490.7	85,388.6	86,653.1	87,362.4	0.8
OPEC	9,081.3	9,239.7	9,263.8	9,318.3	9,344.6	0.3
<i>OPEC percentage</i>	<i>10.9</i>	<i>10.9</i>	<i>10.8</i>	<i>10.8</i>	<i>10.7</i>	

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

Table 47

Oil and gas data

Output of refined products by type in OPEC Members, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
Algeria	447.9	446.6	451.9	451.2	501.8	11.2
Gasoline	41.0	42.2	49.3	49.4	44.8	-9.4
Kerosene	28.5	27.9	23.1	20.9	22.6	8.2
Distillates	133.9	131.3	128.7	138.2	141.4	2.3
Residuals	116.5	113.9	112.6	100.9	104.3	3.4
Others	128.1	131.4	138.1	141.7	188.7	33.1
Angola	41.2	40.4	41.9	49.8	60.6	21.9
Gasoline	na	na	na	1.5	1.4	-5.9
Kerosene	na	na	na	6.3	7.6	21.5
Distillates	na	na	na	9.3	10.5	13.6
Residuals	na	na	na	10.5	11.3	7.2
Others	na	na	na	22.3	29.8	34.2
Ecuador	108.2	137.1	132.0	133.0	170.2	28.0
Gasoline	20.0	21.0	16.3	19.3	43.0	122.8
Kerosene	1.6	1.4	3.6	4.5	8.5	87.6
Distillates	30.4	32.5	34.6	33.0	31.0	-6.2
Residuals	36.7	62.5	58.2	56.8	68.3	20.3
Others	19.5	19.6	19.2	19.3	19.4	0.6
Indonesia	944.4	1,011.6	1,054.1	1,053.5	1,213.2	15.2
Gasoline	190.6	206.2	194.6	461.5	562.3	21.8
Kerosene	160.4	196.0	147.2	147.3	142.3	-3.4
Distillates	258.9	289.0	259.3	257.6	231.2	-10.2
Residuals	92.8	80.4	76.0	66.2	67.9	2.6
Others	241.6	240.0	377.1	120.9	209.5	73.3
IR Iran	1,344.7	1,437.4	1,439.8	1,447.9	1,498.0	3.5
Gasoline	186.3	na	208.0	274.2	319.0	16.3
Kerosene	163.7	na	177.7	132.8	133.5	0.5
Distillates	363.7	na	402.8	506.1	475.8	-6.0
Residuals	410.6	na	436.1	482.6	442.8	-8.3
Others	220.4	na	215.2	52.2	126.9	143.0
Iraq	463.8	491.0	477.4	484.2	480.8	-0.7
Gasoline	76.0	na	na	na	na	na
Kerosene	36.1	na	na	na	na	na
Distillates	135.1	na	na	na	na	na
Residuals	134.9	na	na	na	na	na
Others	81.8	na	na	na	na	na
Kuwait	839.2	840.1	910.8	886.7	877.4	-1.0
Gasoline	31.6	44.8	65.6	65.7	59.3	-9.7
Kerosene	143.8	145.8	102.4	169.1	182.5	8.0
Distillates	246.2	246.1	360.0	295.7	249.1	-15.8
Residuals	179.3	176.5	128.7	180.5	192.5	6.6
Others	238.4	226.8	254.0	175.7	194.0	10.4
SP Libyan AJ	322.7	401.3	459.9	468.3	497.0	6.1
Gasoline	na	na	17.9	18.4	19.5	6.0
Kerosene	na	na	32.9	31.8	32.8	3.2
Distillates	na	na	84.9	87.7	87.8	0.1
Residuals	na	na	118.3	136.1	134.0	-1.6
Others	na	na	205.9	194.2	222.9	14.8

Output of refined products by type in OPEC Members, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
Nigeria	307.4	341.0	388.0	369.4	378.7	2.5
Gasoline	79.6	na	70.2	na	na	na
Kerosene	51.7	na	49.1	na	na	na
Distillates	96.7	na	95.7	na	na	na
Residuals	75.3	na	76.2	na	na	na
Others	4.1	na	96.8	na	na	na
Qatar	115.3	118.6	119.1	131.8	131.8	0.1
Gasoline	40.7	39.9	38.4	39.7	45.7	15.1
Kerosene	20.2	21.5	19.9	24.4	24.0	-1.8
Distillates	20.2	21.1	19.4	20.6	21.0	1.9
Residuals	7.9	8.0	9.4	13.6	7.8	-42.8
Others	26.2	28.0	31.9	33.4	33.3	-0.2
Saudi Arabia	1,760.6	1,912.6	1,974.4	1,960.1	1,873.6	-4.4
Gasoline	294.5	317.9	313.2	281.0	351.7	25.2
Kerosene	179.6	183.5	221.7	211.9	184.3	-13.0
Distillates	590.7	643.5	647.6	662.4	653.4	-1.4
Residuals	464.0	473.4	487.6	495.9	477.8	-3.7
Others	231.8	294.3	304.4	308.9	206.3	-33.2
United Arab Emirates	430.2	439.8	441.6	423.8	393.0	-7.3
Gasoline	35.0	40.7	43.6	61.2	54.6	-10.7
Kerosene	118.5	117.0	117.4	117.0	107.5	-8.1
Distillates	94.2	96.9	87.1	90.5	86.7	-4.2
Residuals	21.4	23.5	23.7	21.4	20.1	-5.9
Others	161.1	161.7	169.9	133.7	124.1	-7.2
Venezuela	1,016.2	1,042.8	1,198.4	1,079.7	1,056.2	-2.2
Gasoline	119.4	281.1	284.9	288.6	298.1	3.3
Kerosene	70.4	84.0	80.4	79.1	81.4	2.9
Distillates	276.7	286.8	331.4	307.5	274.8	-10.6
Residuals	255.1	244.8	271.8	252.0	216.3	-14.2
Others	294.7	146.0	229.9	152.6	185.7	21.6
OPEC	8,141.9	8,660.2	9,089.3	8,939.2	9,132.4	2.2
Gasoline	na	na	na	na	na	na
Kerosene	na	na	na	na	na	na
Distillates	na	na	na	na	na	na
Residuals	na	na	na	na	na	na
Others	na	na	na	na	na	na

Notes: Totals may not add up due to independent rounding. Data may include production of gas plants, GTL and condensate refineries.

Table 48

Oil and gas data

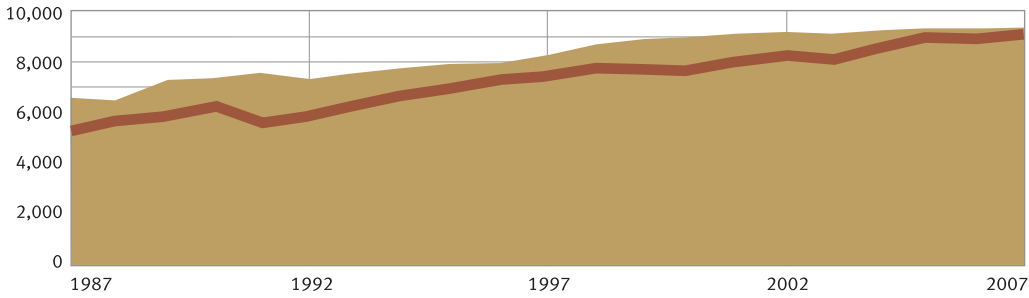
World output of refined products by country, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
North America	19,592.8	19,950.3	19,883.8	19,960.4	20,010.5	0.3
Canada	2,112.3	2,141.6	2,084.3	2,055.1	2,054.6	–
United States	17,480.5	17,808.7	17,799.5	17,905.3	17,955.9	0.3
Latin America	6,915.8	7,148.2	7,235.0	7,273.1	7,171.4	–1.4
Argentina	598.6	604.7	603.3	627.4	671.8	7.1
Brazil	1,763.2	1,858.9	1,781.3	1,913.7	1,754.3	–8.3
Ecuador	108.2	137.1	132.0	133.0	170.2	28.0
Mexico	1,470.6	1,505.3	1,474.7	1,474.0	1,457.0	–1.2
Venezuela	1,016.2	1,042.8	1,198.4	1,079.7	1,056.2	–2.2
Virgin Islands	435.3	443.4	445.2	445.2	445.2	–
Others	1,523.7	1,556.1	1,600.1	1,600.1	1,616.8	1.0
Eastern Europe	6,600.6	6,743.6	6,979.3	7,175.0	7,414.3	3.3
Bulgaria	108.6	118.0	131.3	150.8	150.5	–0.2
Romania	253.3	280.6	319.5	306.7	290.5	–5.3
Former USSR	5,429.6	5,522.0	5,693.2	5,869.7	6,108.5	4.1
Others	809.1	823.0	835.3	847.9	864.8	2.0
Western Europe	14,691.7	14,925.2	15,002.3	14,770.6	14,581.8	–1.3
Belgium	933.1	885.0	761.7	747.3	785.8	5.1
France	1,816.4	1,836.8	1,798.6	1,808.8	1,789.9	–1.0
Germany	2,365.5	2,441.8	2,516.6	2,485.3	2,450.8	–1.4
Italy	1,963.7	1,960.1	2,027.3	1,965.7	2,024.8	3.0
Netherlands	1,746.0	1,766.2	1,800.6	1,721.6	1,546.5	–10.2
Norway	303.9	291.1	319.3	338.3	337.0	–0.4
Portugal	275.8	271.8	281.6	290.0	270.0	–6.9
Spain	1,164.9	1,198.9	1,218.8	1,240.3	1,210.2	–2.4
United Kingdom	1,755.8	1,856.3	1,782.3	1,677.9	1,671.4	–0.4
Others	2,366.7	2,417.4	2,495.5	2,495.5	2,495.5	–
Middle East	5,944.3	6,249.7	6,394.5	6,387.5	6,334.2	–0.8
IR Iran	1,344.7	1,437.4	1,439.8	1,447.9	1,498.0	3.5
Iraq	463.8	491.0	477.4	484.2	480.8	–0.7
Kuwait	839.2	840.1	910.8	886.7	877.4	–1.0
Qatar	115.3	118.6	119.1	131.8	131.8	0.1
Saudi Arabia	1,760.6	1,912.6	1,974.4	1,960.1	1,873.6	–4.4
United Arab Emirates	430.2	439.8	441.6	423.8	393.0	–7.3
Others	990.5	1,010.2	1,031.4	1,053.0	1,079.5	2.5
Africa	2,635.9	2,771.7	2,931.2	2,887.6	2,925.4	1.3
Algeria	447.9	446.6	451.9	451.2	501.8	11.2
Angola	41.2	40.4	41.9	49.8	60.6	21.9
Egypt	530.7	536.4	562.4	500.4	412.2	–17.6
Gabon	16.9	17.1	17.3	17.5	17.8	1.5
SP Libyan AJ	322.7	401.3	459.9	468.3	497.0	6.1
Nigeria	307.4	341.0	388.0	369.4	378.7	2.5
Others	969.2	989.0	1,009.8	1,031.0	1,057.3	2.6
Asia and Pacific	18,531.2	20,239.7	20,696.0	21,391.3	22,379.7	4.6
Australia	720.8	709.8	679.1	631.7	685.6	8.5
China	4,015.4	5,518.9	5,684.8	6,137.3	6,665.7	8.6
India	2,346.7	2,520.2	2,491.5	2,784.6	3,035.6	9.0
Indonesia	944.4	1,011.6	1,054.1	1,053.5	1,213.2	15.2
Japan	4,499.0	4,388.1	4,503.7	4,397.6	4,338.2	–1.4
Philippines	253.5	200.4	217.1	205.3	205.3	–
Singapore	949.8	965.9	995.4	1,025.8	1,062.7	3.6
South Korea	2,334.3	2,443.3	2,556.5	2,613.7	2,600.5	–0.5
New Zealand	109.0	106.8	109.3	106.8	102.5	–4.0
Taiwan	924.9	941.1	970.9	1,001.6	1,036.9	3.5
Others	1,433.6	1,433.6	1,433.6	1,433.6	1,433.6	–
Total world	74,912.5	78,028.4	79,122.1	79,845.4	80,817.3	1.2
OPEC	8,141.9	8,660.2	9,089.3	8,939.2	9,132.4	2.2
OPEC percentage	10.9	11.1	11.5	11.2	11.3	0.9

Notes: Totals may not add up due to independent rounding. Data may include production of gas plants, GTL and condensate refineries. Revisions have been made throughout the time series.

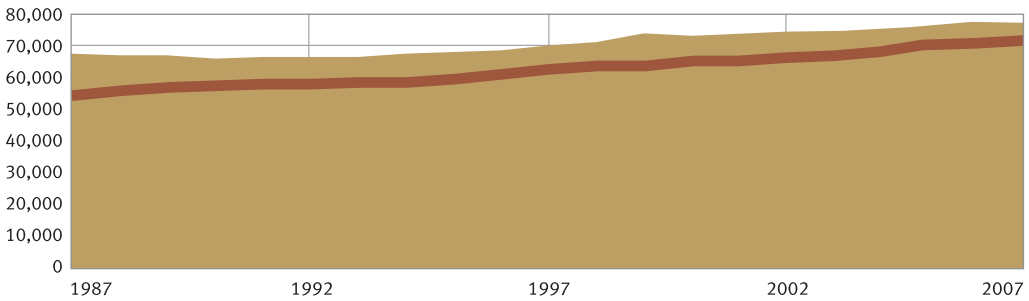
Output of refined products vs refinery capacity, 1987–2007 (1,000 b/d)

OPEC



Graph 30

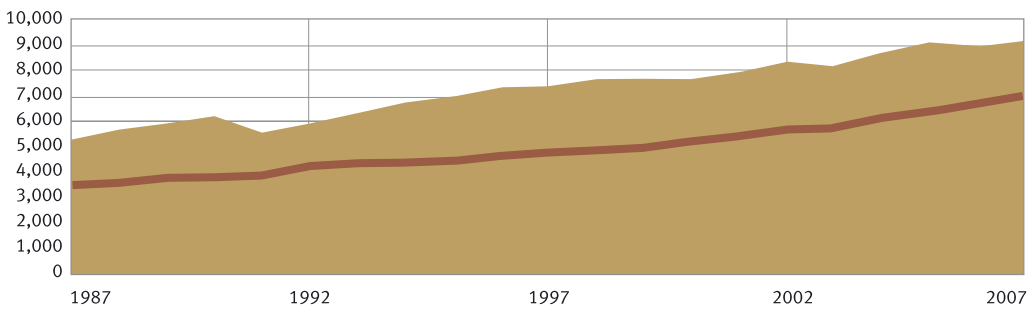
Non-OPEC



Graph 31

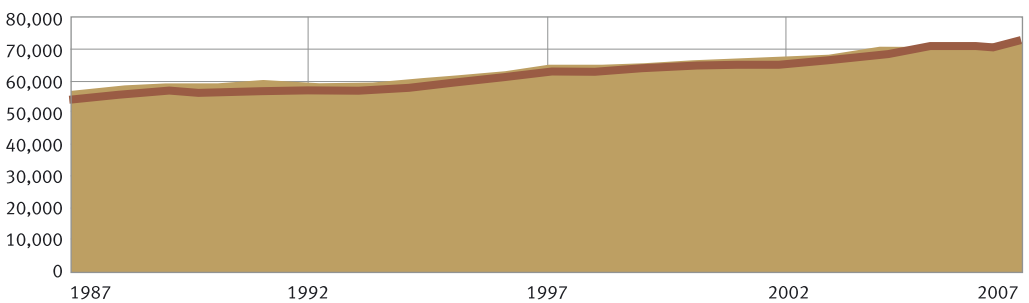
Production and consumption of refined products, 1987–2007 (1,000 b/d)

OPEC



Graph 32

Non-OPEC



Graph 33

Table 49

Oil and gas data

Consumption of refined products by type in OPEC Members, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
Algeria	218.3	232.9	245.9	255.2	269.6	5.7
Gasoline	40.0	41.3	47.2	49.3	51.3	4.1
Kerosene	8.5	8.0	8.2	8.0	8.1	1.0
Distillates	102.5	113.0	120.6	124.4	133.4	7.2
Residuals	0.2	0.2	0.2	0.5	0.5	-5.4
Others	67.2	70.3	69.6	73.0	76.3	4.5
Angola	48.5	49.6	52.5	57.4	59.1	3.0
Gasoline	6.2	8.2	8.7	9.5	9.8	3.3
Kerosene	11.6	10.4	11.3	11.9	12.4	4.0
Distillates	19.9	21.4	23.5	27.3	28.0	2.4
Residuals	2.4	2.9	3.0	3.5	3.7	6.3
Others	8.3	6.7	6.0	5.2	5.3	1.6
Ecuador	142.9	144.7	157.4	169.2	176.5	4.3
Gasoline	34.9	30.2	31.1	32.1	33.2	3.4
Kerosene	6.2	7.0	7.3	7.5	7.8	5.2
Distillates	46.8	51.9	58.0	63.3	65.7	3.7
Residuals	25.4	23.3	24.1	25.6	26.2	2.4
Others	29.6	32.4	36.8	40.8	43.6	7.1
Indonesia	1,112.9	1,143.7	1,139.9	1,124.3	1,135.9	1.0
Gasoline	252.0	282.1	300.8	298.4	301.3	0.9
Kerosene	245.8	255.1	236.0	218.3	223.3	2.3
Distillates	460.8	465.9	474.6	468.5	471.2	0.6
Residuals	106.5	98.9	82.7	84.8	85.5	0.9
Others	47.9	41.7	45.8	54.3	54.7	0.6
IR Iran	1,313.8	1,374.8	1,459.2	1,578.6	1,661.1	5.2
Gasoline	336.1	375.3	421.0	463.1	483.2	4.3
Kerosene	175.3	165.1	133.4	122.5	129.3	5.6
Distillates	424.8	433.0	473.8	533.3	574.6	7.7
Residuals	181.4	191.3	213.1	226.3	232.3	2.6
Others	196.2	210.2	217.8	233.4	241.7	3.5
Iraq	415.9	504.0	536.9	563.7	583.5	3.5
Gasoline	68.9	78.8	82.6	87.8	92.1	4.9
Kerosene	42.3	49.3	53.4	58.1	62.4	7.4
Distillates	130.0	176.1	179.1	187.0	191.6	2.5
Residuals	140.0	166.3	170.3	177.0	181.9	2.8
Others	34.7	33.6	51.6	53.8	55.6	3.3
Kuwait	206.7	230.8	248.7	263.3	271.8	3.2
Gasoline	44.0	46.7	49.1	51.8	53.5	3.3
Kerosene	16.1	12.1	13.1	12.7	13.9	9.8
Distillates	16.4	17.4	21.7	31.6	34.3	8.7
Residuals	125.6	149.6	158.6	161.2	163.3	1.3
Others	4.7	5.0	6.2	6.2	6.9	11.2
SP Libyan AJ	221.5	230.2	242.5	250.2	259.9	3.9
Gasoline	46.6	49.6	54.1	56.7	60.1	6.0
Kerosene	13.5	12.7	13.9	14.6	15.7	7.8
Distillates	75.4	79.4	84.2	87.0	90.7	4.3
Residuals	47.1	46.7	47.6	48.3	48.4	–
Others	38.9	41.8	42.7	43.7	45.1	3.2

Consumption of refined products by type in OPEC Members, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
Nigeria	230.6	241.6	252.5	256.3	265.5	3.6
Gasoline	136.6	146.0	164.3	166.2	169.4	2.0
Kerosene	31.9	32.8	37.4	38.2	40.4	5.8
Distillates	42.0	43.6	40.6	41.6	44.5	6.9
Residuals	15.0	14.1	10.1	10.2	11.0	8.4
Others	5.0	5.1	0.1	0.1	0.1	–
Qatar	43.7	68.9	73.2	92.6	100.0	8.0
Gasoline	13.4	14.3	16.7	19.1	20.0	5.1
Kerosene	5.9	10.3	10.7	16.8	17.0	1.2
Distillates	10.0	14.6	15.3	20.9	25.2	20.3
Residuals	12.9	13.2	13.1	13.4	14.4	7.5
Others	1.4	16.5	17.4	22.5	23.5	4.4
Saudi Arabia	1,140.5	1,187.2	1,227.4	1,311.6	1,398.6	6.6
Gasoline	311.2	330.7	350.3	369.2	400.4	8.5
Kerosene	58.8	55.2	56.2	55.9	57.8	3.4
Distillates	420.0	433.3	462.0	503.9	532.3	5.6
Residuals	258.9	272.5	262.0	278.1	299.3	7.6
Others	91.5	95.6	97.0	104.5	108.7	4.0
United Arab Emirates	190.1	194.1	204.3	213.9	223.8	4.6
Gasoline	72.5	72.0	75.3	79.0	83.5	5.6
Kerosene	2.9	3.1	3.6	4.0	4.2	5.0
Distillates	80.0	81.5	87.0	91.4	95.6	4.7
Residuals	19.7	20.5	20.5	20.6	21.1	2.2
Others	15.0	17.0	18.0	18.9	19.4	2.8
Venezuela	465.2	477.4	505.6	548.1	581.4	6.1
Gasoline	222.9	227.4	240.1	256.9	274.0	6.6
Kerosene	5.5	5.5	5.6	5.7	5.8	1.8
Distillates	105.2	110.7	120.9	132.3	139.6	5.5
Residuals	42.1	40.6	39.6	44.5	47.2	5.9
Others	89.4	93.1	99.4	108.6	114.9	5.8
OPEC	5,750.4	6,080.0	6,346.0	6,684.4	6,986.7	4.5
Gasoline	1,585.4	1,702.6	1,841.3	1,939.1	2,031.8	4.8
Kerosene	624.4	626.7	589.9	573.9	598.0	4.2
Distillates	1,933.8	2,041.8	2,161.5	2,312.4	2,426.6	4.9
Residuals	977.1	1,040.0	1,044.8	1,094.0	1,134.7	3.7
Others	629.7	669.0	708.4	765.0	795.7	4.0

Notes: Revisions have been made throughout the time series.

Table 50

Oil and gas data

World consumption of refined products by country, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
North America	21,623.3	22,338.8	22,279.7	22,145.1	22,323.7	0.8
Canada	2,162.6	2,255.9	2,249.4	2,217.1	2,291.6	3.4
United States	19,458.1	20,080.3	20,027.6	19,925.3	20,029.5	0.5
Others	2.6	2.6	2.7	2.7	2.7	1.1
Latin America	6,284.8	6,542.0	6,668.7	6,820.6	7,089.0	3.9
Argentina	421.1	453.3	461.8	481.3	521.9	8.4
Brazil	1,996.5	2,075.8	2,120.0	2,165.3	2,249.5	3.9
Colombia	226.2	238.2	232.5	241.8	246.3	1.9
Ecuador	142.9	144.7	157.4	169.2	176.5	4.3
Mexico	1,878.2	1,934.0	1,973.9	1,952.5	2,025.4	3.7
Venezuela	465.2	477.4	505.6	548.1	581.4	6.1
Others	1,154.7	1,218.6	1,217.6	1,262.4	1,288.0	2.0
Eastern Europe	4,511.2	4,650.4	4,793.8	4,969.6	5,020.3	1.0
Czech Republic	182.4	200.3	207.3	207.3	202.4	-2.4
Slovakia	79.5	80.8	83.1	85.3	89.5	5.0
Romania	214.7	217.7	222.2	213.2	212.2	-0.5
Former USSR	3,348.3	3,436.0	3,519.2	3,653.1	3,691.5	1.1
Others	686.3	715.7	761.9	810.7	824.7	1.7
Western Europe	14,669.2	14,490.8	14,367.8	14,338.3	13,959.2	-2.6
France	1,877.1	1,873.9	1,850.9	1,825.8	1,803.4	-1.2
Germany	2,627.5	2,603.9	2,536.5	2,553.7	2,364.0	-7.4
Italy	1,787.2	1,707.7	1,657.8	1,636.1	1,585.1	-3.1
Netherlands	598.0	603.8	632.0	625.8	611.6	-2.3
Spain	1,353.6	1,381.5	1,394.0	1,380.2	1,394.9	1.1
United Kingdom	1,521.7	1,539.5	1,543.8	1,540.4	1,484.8	-3.6
Others	4,904.1	4,780.5	4,752.7	4,776.3	4,715.4	-1.3
Middle East	4,217.1	4,440.3	4,655.0	4,913.6	5,159.0	5.0
IR Iran	1,313.8	1,374.8	1,459.2	1,578.6	1,661.1	5.2
Iraq	415.9	504.0	536.9	563.7	583.5	3.5
Kuwait	206.7	230.8	248.7	263.3	271.8	3.2
Qatar	43.7	68.9	73.2	92.6	100.0	8.0
Saudi Arabia	1,140.5	1,187.2	1,227.4	1,311.6	1,398.6	6.6
Syrian Arab Republic	232.3	237.8	257.1	269.1	273.0	1.4
United Arab Emirates	190.1	194.1	204.3	213.9	223.8	4.6
Others	674.1	642.7	648.2	620.8	647.2	4.3
Africa	1,982.1	2,120.9	2,246.9	2,311.0	2,401.8	3.9
Algeria	218.3	232.9	245.9	255.2	269.6	5.7
Angola	48.5	49.6	52.5	57.4	59.1	3.0
Egypt	507.1	566.7	600.2	612.0	633.3	3.5
SP Libyan AJ	221.5	230.2	242.5	250.2	259.9	3.9
Nigeria	230.6	241.6	252.5	256.3	265.5	3.6
Tunisia	80.4	82.8	84.2	80.7	80.8	0.1
Others	675.8	717.0	769.2	799.2	833.6	4.3
Asia and Pacific	20,702.0	21,888.1	22,104.9	22,522.3	23,018.8	2.2
Australia	825.1	827.2	849.4	850.3	866.0	1.8
China	5,271.2	6,179.7	6,314.5	6,727.2	7,105.2	5.6
India	2,373.5	2,510.1	2,524.8	2,593.5	2,723.0	5.0
Indonesia	1,112.9	1,143.7	1,139.9	1,124.3	1,135.9	1.0
Japan	5,279.9	5,215.0	5,173.1	5,030.7	4,848.4	-3.6
New Zealand	126.9	130.6	131.2	129.5	133.0	2.7
South Korea	2,172.0	2,151.2	2,090.6	2,074.4	2,105.9	1.5
Thailand	685.8	751.4	761.7	757.0	741.1	-2.1
Others	2,854.8	2,979.2	3,119.6	3,235.4	3,360.4	3.9
Total world	73,989.7	76,471.3	77,116.7	78,020.4	78,971.8	1.2
OPEC	5,750.4	6,080.0	6,346.0	6,684.4	6,986.7	4.5
<i>OPEC percentage</i>	<i>7.8</i>	<i>8.0</i>	<i>8.2</i>	<i>8.6</i>	<i>8.8</i>	<i>3.3</i>

Notes: Revisions have been made throughout the time series.

OPEC Members' crude oil exports by destination, 2003–2007 (1,000 b/d)

Algeria	2003	2004	2005	2006	2007
North America	263.9	354.3	390.4	509.6	738.9
Canada	123.2	127.1	122.1	149.6	166.0
United States	140.6	227.2	268.3	360.1	572.9
Latin America	65.2	85.4	100.6	40.8	48.5
Eastern Europe	0.7	–	2.7	1.0	–
Western Europe	383.4	399.5	435.1	289.9	374.3
Belgium	4.7	–	0.3	0.1	45.2
France	133.6	141.4	15.4	68.1	36.6
Germany	31.3	14.8	55.5	46.9	49.9
Italy	110.8	78.2	62.1	68.0	30.0
Netherlands	5.0	5.0	20.3	1.9	31.1
Spain	32.0	53.6	56.3	68.7	68.1
United Kingdom	33.7	32.6	38.1	32.2	43.4
Middle East	–	8.6	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	28.0	45.4	41.5	20.9	37.8
Unspecified	–	–	–	85.1	54.1
Total world	741.0	893.2	970.3	947.2	1,253.5

Angola	2003	2004	2005	2006	2007
North America	376.1	321.5	475.1	537.1	543.1
Canada	–	–	15.5	21.6	50.3
United States	376.1	321.5	459.6	515.5	492.8
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	85.7	65.8	131.7	89.2	233.9
Belgium	–	–	–	0.7	15.2
France	60.8	55.3	85.3	64.9	97.8
Netherlands	0.8	–	3.2	2.1	30.5
Spain	–	10.5	33.8	11.3	30.3
United Kingdom	–	–	–	–	–
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	24.7	10.5	2.5	39.4	23.1
Unspecified	336.5	543.0	337.6	344.6	357.6
Total world	823.0	940.9	946.9	1,010.3	1,157.6

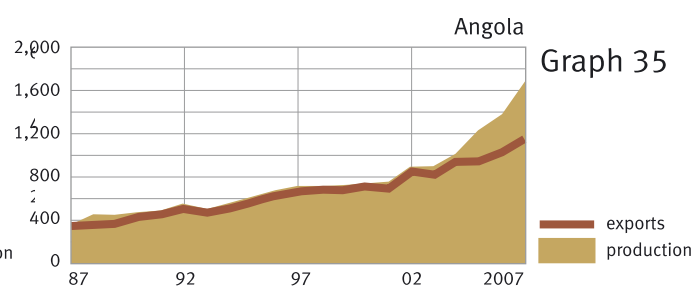
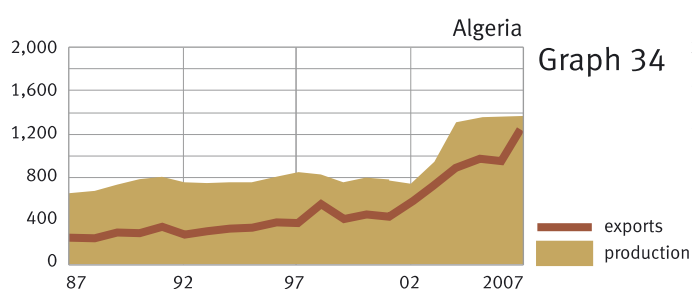


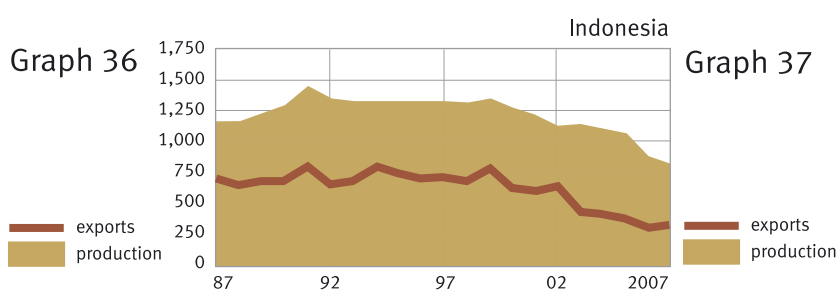
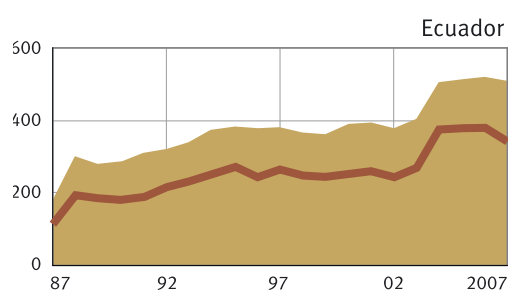
Table 51

Oil and gas data

OPEC Members' crude oil exports by destination, 2003–2007 (1,000 b/d)

Ecuador	2003	2004	2005	2006	2007
North America	162.7	227.6	231.5	229.2	208.2
Canada	23.7	33.1	33.7	33.4	10.2
United States	139.0	194.5	197.8	195.9	198.0
Latin America	94.0	131.5	133.8	132.5	120.3
Eastern Europe	–	–	–	–	–
Western Europe	–	–	–	–	–
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	10.3	14.5	14.7	14.6	13.2
Unspecified	–	–	–	–	–
Total world	267.0	373.7	380.0	376.3	341.7

Indonesia	2003	2004	2005	2006	2007
North America	33.5	33.4	22.4	15.7	20.5
United States	33.5	33.4	22.4	15.7	20.5
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	–	–	–	–	–
Italy	–	–	–	–	–
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	389.4	379.3	352.0	228.6	298.7
Australia	62.5	57.2	80.4	50.4	65.8
China	29.6	–	–	–	–
Japan	123.6	139.9	140.6	109.7	143.4
Philippines	–	–	–	–	–
South Korea	104.0	103.8	126.4	62.1	81.2
Singapore	1.2	–	–	–	–
Taiwan	9.2	–	–	–	–
Unspecified	10.1	–	–	56.9	–
Total world	433.0	412.7	374.4	301.3	319.3



OPEC Members' crude oil exports by destination, 2003–2007 (1,000 b/d)

IR Iran	2003	2004	2005	2006	2007
North America	–	–	–	–	–
Canada	–	–	–	–	–
United States	–	–	–	–	–
Latin America	52.5	58.8	–	–	2.3
Eastern Europe	124.9	139.9	–	–	–
Western Europe	708.8	794.0	1,061.2	871.7	847.4
France	111.4	124.8	210.7	205.6	132.2
Germany	0.5	0.5	14.6	5.0	8.4
Italy	202.2	226.5	293.8	291.8	192.4
Netherlands	46.4	52.0	42.3	12.5	–
United Kingdom	–	–	–	–	–
Middle East	26.5	29.7	211.7	–	–
Africa	166.4	186.3	–	149.2	148.1
Asia and Pacific	1,202.6	1,347.0	1,121.6	1,350.6	1,469.1
Australia	1.4	1.6	–	–	–
Japan	652.2	730.5	822.1	684.3	450.4
Unspecified	114.6	128.4	–	5.7	–
Total world	2,396.3	2,684.1	2,394.5	2,377.2	2,466.8

Notes: Corresponds to a fiscal year ending March 20.

Iraq	2003	2004	2005	2006	2007
North America	277.3	1,034.7	927.6	659.2	593.4
United States	239.2	892.4	813.7	659.2	593.4
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	91.3
Western Europe	87.6	326.7	393.6	365.8	326.3
France	8.0	29.9	44.4	70.8	59.3
Germany	0.6	2.2	–	1.2	3.1
Italy	34.7	129.5	180.3	136.6	139.8
Netherlands	13.1	48.9	23.5	32.2	41.0
Spain	15.3	57.2	89.7	66.1	65.3
United Kingdom	–	–	–	–	–
Middle East	10.4	38.8	37.3	–	26.8
Africa	–	–	–	–	–
Asia and Pacific	13.4	49.8	113.8	442.8	605.3
Japan	10.7	40.0	36.2	63.9	42.3
Unspecified	–	–	–	–	–
Total world	388.6	1,450.0	1,472.2	1,467.8	1,643.0

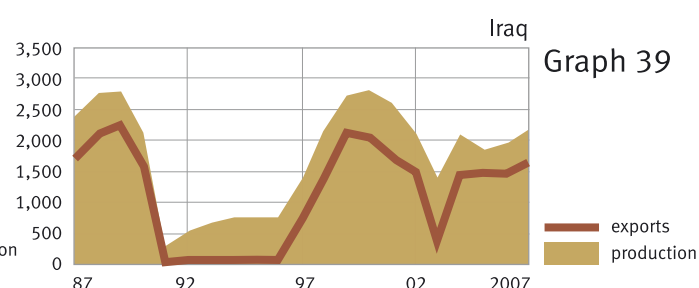
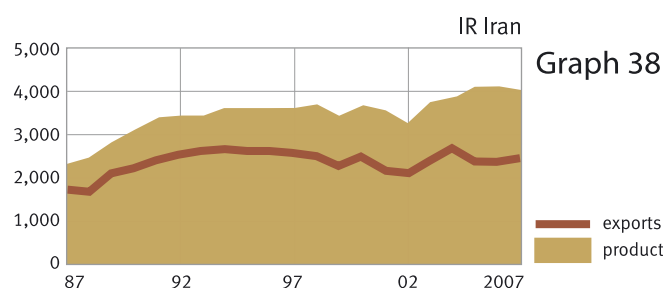


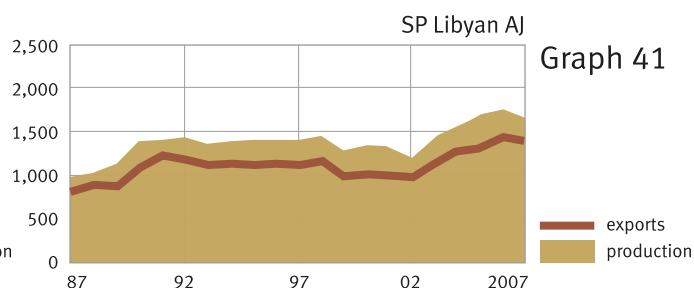
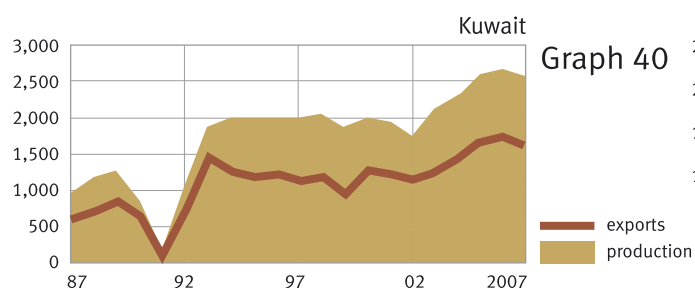
Table 51

Oil and gas data

OPEC Members' crude oil exports by destination, 2003–2007 (1,000 b/d)

Kuwait	2003	2004	2005	2006	2007
North America	164.7	179.1	123.0	125.6	111.9
United States	164.7	179.1	123.0	125.6	111.9
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	5.2	–
Western Europe	108.4	121.7	111.8	129.6	109.0
France	34.4	33.9	23.9	31.6	28.1
Germany	–	1.2	–	1.2	0.2
Italy	–	–	0.9	1.2	0.5
Netherlands	69.3	83.9	85.0	91.0	67.3
Spain	–	–	–	–	–
United Kingdom	–	–	–	–	–
Middle East	–	–	–	–	–
Africa	–	13.0	35.0	46.4	43.7
Asia and Pacific	961.2	1,101.0	1,381.1	1,415.9	1,347.4
Australia	0.8	1.1	3.0	0.5	0.5
Japan	295.5	904.1	573.6	296.2	296.2
Unspecified	8.6	–	–	0.7	0.8
Total world	1,242.9	1,414.9	1,650.8	1,723.4	1,612.9

SP Libyan AJ	2003	2004	2005	2006	2007
North America	–	21.5	64.7	77.1	80.0
Latin America	–	1.7	–	–	31.1
Eastern Europe	4.4	1.6	0.3	–	–
Western Europe	1,048.2	1,172.6	1,135.6	1,215.9	1,109.3
Austria	11.5	22.0	5.2	21.1	26.7
Belgium	–	0.7	1.2	–	3.4
France	70.9	82.3	86.4	77.6	94.8
Germany	180.1	256.7	240.3	230.1	198.0
Italy	431.7	444.6	434.3	442.1	468.9
Netherlands	–	–	6.7	1.2	5.2
Spain	153.0	144.2	114.9	103.0	89.0
Switzerland	49.3	47.5	50.1	49.5	46.5
United Kingdom	–	–	9.0	22.5	16.8
Middle East	–	–	–	–	–
Africa	20.1	21.2	24.0	35.9	23.4
Asia and Pacific	53.9	47.0	81.7	96.7	134.1
Unspecified	–	18.9	–	–	–
Total world	1,126.5	1,284.5	1,306.3	1,425.6	1,377.8



OPEC Members' crude oil exports by destination, 2003–2007 (1,000 b/d)

Nigeria	2003	2004	2005	2006	2007
North America	931.3	951.4	985.8	1,571.6	1,670.7
United States	848.9	877.1	936.5	1,526.1	1,639.9
Latin America	164.5	236.2	224.3	–	–
Eastern Europe	23.9	21.7	26.6	–	–
Western Europe	444.3	484.5	498.3	613.1	447.7
France	104.1	106.2	18.1	112.0	62.3
Germany	57.9	55.0	13.4	87.2	57.7
Italy	34.5	29.0	10.3	53.6	45.0
Netherlands	25.9	37.8	10.8	55.8	37.1
Sweden	–	–	0.8	–	–
United Kingdom	2.6	3.3	1.9	11.4	29.2
Middle East	–	–	–	–	–
Africa	170.5	211.0	209.2	–	–
Asia and Pacific	429.0	451.3	381.8	63.6	25.6
Japan	73.6	80.2	10.8	32.1	8.5
Unspecified	–	–	–	–	–
Total world	2,163.5	2,356.0	2,326.0	2,248.4	2,144.1

Notes: Exports include condensates.

Qatar	2003	2004	2005	2006	2007
North America	3.0	4.0	–	1.4	–
United States	3.0	3.9	–	1.4	–
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	2.9	3.0	–	–	–
France	1.0	–	–	–	–
Germany	–	–	–	–	–
Italy	1.0	–	–	–	–
Netherlands	–	–	–	–	–
Middle East	–	–	–	–	–
Africa	–	–	130.3	–	–
Asia and Pacific	534.8	535.8	547.1	618.9	615.1
Japan	371.7	347.8	389.2	441.2	436.8
Thailand	–	–	–	–	–
Unspecified	–	–	–	–	–
Total world	540.7	542.7	677.3	620.3	615.1

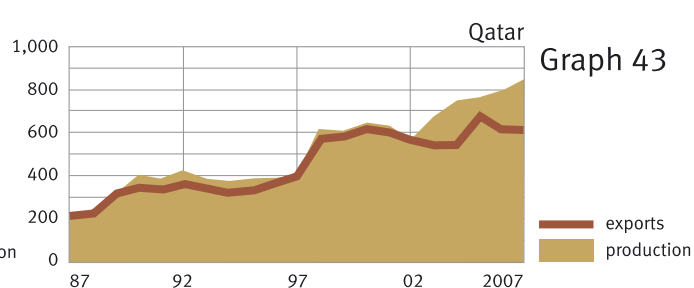
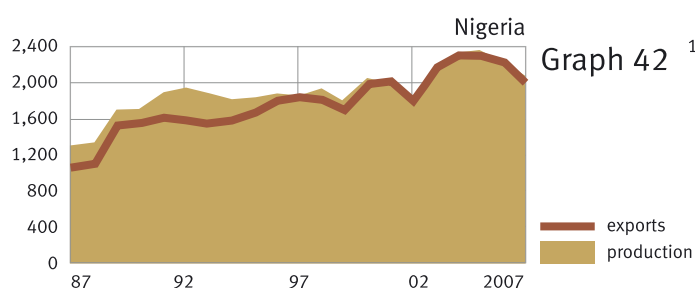


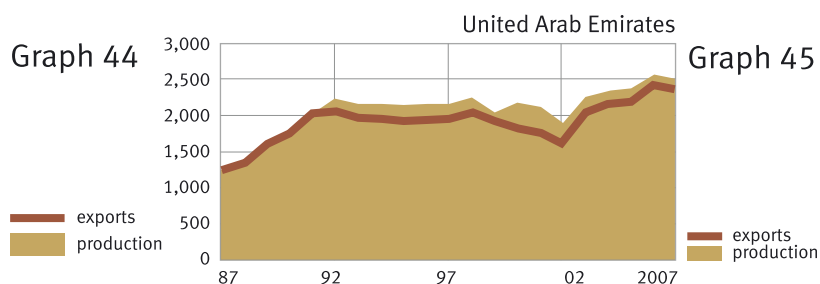
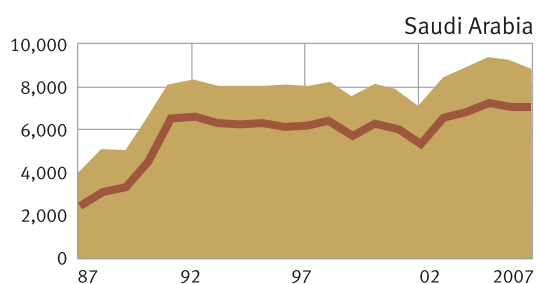
Table 51

Oil and gas data

OPEC Members' crude oil exports by destination, 2003–2007 (1,000 b/d)

Saudi Arabia	2003	2004	2005	2006	2007
North America	1,635.4	1,529.8	1,454.6	1,464.4	1,566.5
United States	1,570.0	1,515.7	1,309.1	1,398.0	1,528.5
Latin America	65.3	61.1	65.2	65.1	61.2
Eastern Europe	–	–	–	–	–
Western Europe	1,191.4	1,259.1	1,207.3	1,026.8	838.5
France	226.4	251.8	205.5	145.6	91.0
Germany	77.9	84.7	81.7	59.8	31.6
Italy	214.6	236.3	248.6	171.0	109.6
Netherlands	212.7	260.9	251.0	158.6	97.6
Spain	140.5	137.9	125.1	109.0	75.0
United Kingdom	53.5	65.7	23.8	0.1	–
Middle East	199.1	261.5	309.2	299.9	309.8
Africa	263.9	243.1	235.7	216.5	196.6
Asia and Pacific	3,167.7	3,458.4	3,936.9	3,956.6	3,989.5
Japan	957.2	1,016.8	2,451.9	2,535.9	2,209.9
Unspecified	–	–	–	–	–
Total world	6,522.9	6,813.1	7,208.9	7,029.4	6,962.1

United Arab Emirates	2003	2004	2005	2006	2007
North America	7.0	5.0	9.0	6.6	12.3
United States	7.0	4.7	9.0	6.1	4.2
Latin America	–	–	–	–	–
Eastern Europe	–	–	–	–	–
Western Europe	–	–	5.0	28.2	20.3
France	–	–	2.6	24.4	17.6
Germany	–	–	–	–	–
Italy	–	–	–	–	–
Netherlands	–	–	–	–	–
United Kingdom	–	–	1.8	3.7	2.7
Middle East	–	–	–	–	–
Africa	28.0	30.0	41.0	34.4	33.2
Asia and Pacific	2,013.0	2,137.0	2,140.0	2,351.1	2,276.9
Japan	1,224.0	1,047.7	1,508.2	1,626.8	1,575.4
Unspecified	–	–	–	–	–
Total world	2,048.0	2,172.0	2,195.0	2,420.3	2,342.7



OPEC Members' crude oil exports by destination, 2003–2007 (1,000 b/d)

Venezuela	2003	2004	2005	2006	2007
North America	804.6	1,106.0	914.3	943.2	1,166.0
Canada	28.0	51.3	26.9	19.3	28.3
United States	750.9	1,018.2	887.5	923.9	1,137.7
Latin America	416.0	391.6	510.8	674.7	650.0
Brazil	31.1	29.3	38.2	50.5	48.6
Chile	20.9	19.7	25.7	33.9	32.7
Jamaica	10.3	9.7	12.6	16.6	16.0
Netherland Antilles	74.8	70.5	91.9	121.4	116.9
Panama	6.6	6.2	8.1	10.7	10.3
Puerto Rico	11.5	10.8	14.1	18.7	18.0
Eastern Europe	–	–	–	–	–
Western Europe	82.0	63.4	109.9	208.3	176.5
France	2.9	–	–	11.4	0.6
Germany	19.3	15.7	19.7	28.5	26.6
Italy	4.3	–	–	0.8	0.4
Netherlands	–	–	–	21.9	11.8
Spain	16.4	9.1	11.4	64.9	25.5
United Kingdom	22.6	26.8	33.6	29.3	17.7
Middle East	–	–	–	–	–
Africa	–	–	–	4.3	9.2
Asia and Pacific	–	5.2	142.2	88.9	112.0
Japan	–	–	–	–	5.5
Unspecified	232.4	–	110.7	–	1.9
Total world	1,535.0	1,566.2	1,787.8	1,919.4	2,115.6

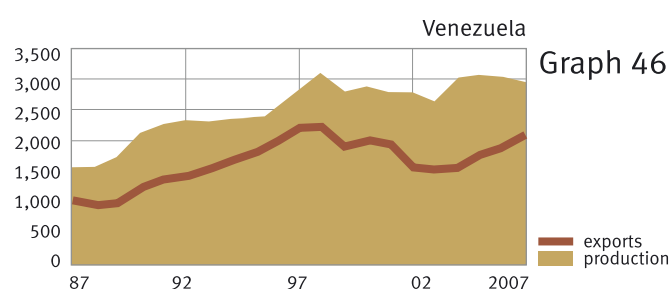


Table 52

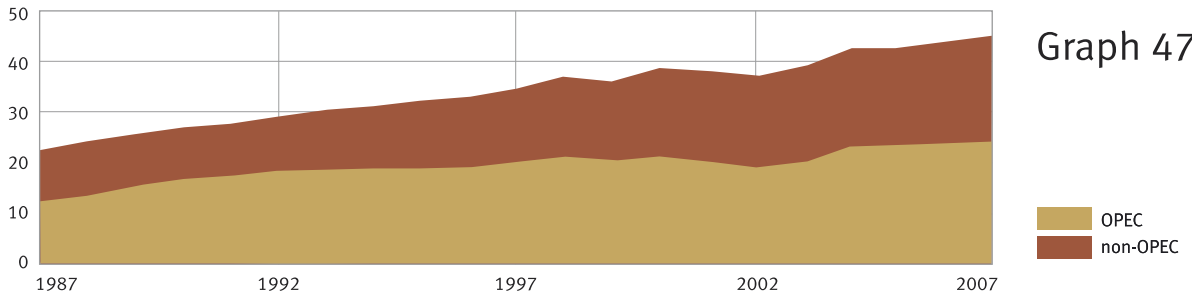
Oil and gas data

World crude oil exports by country, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
North America	1,251.7	1,375.9	1,378.2	1,393.4	1,422.1	2.1
Canada	1,231.6	1,355.5	1,357.9	1,372.8	1,401.2	2.1
United States	20.1	20.4	20.3	20.6	20.9	1.3
Latin America	4,523.1	4,605.7	4,739.1	4,900.3	5,163.5	5.4
Columbia	239.2	227.6	231.2	233.8	243.6	4.2
Ecuador	267.0	373.7	380.0	376.3	341.7	-9.2
Mexico	2,114.1	2,123.8	2,021.4	2,047.7	2,114.5	3.3
Trinidad & Tobago	74.5	70.6	69.7	71.0	72.5	2.1
Venezuela	1,535.0	1,566.2	1,787.8	1,919.4	2,115.6	10.2
Others	293.2	243.9	249.1	252.2	275.6	9.3
Eastern Europe	6,481.9	7,309.4	7,726.9	8,198.6	8,553.4	4.3
Former USSR	6,479.5	7,307.0	7,723.4	8,195.0	8,549.7	4.3
Others	2.4	2.4	3.5	3.6	3.6	0.7
Western Europe	4,419.0	4,261.7	3,649.3	3,764.9	3,919.0	4.1
Norway	2,681.0	2,657.0	2,314.1	2,314.1	2,332.7	0.8
United Kingdom	1,389.7	1,226.1	987.0	1,090.5	1,210.4	11.0
Others	348.3	378.6	348.2	360.3	375.9	4.3
Middle East	14,591.4	16,386.2	16,894.7	16,944.4	16,968.3	0.1
IR Iran	2,396.3	2,684.1	2,394.5	2,377.2	2,466.8	3.8
Iraq	388.6	1,450.0	1,472.2	1,467.8	1,643.0	11.9
Kuwait	1,242.9	1,414.9	1,650.8	1,723.4	1,612.9	-6.4
Oman	808.4	765.2	760.8	769.2	783.0	1.8
Qatar	540.7	542.7	677.3	620.3	615.1	-0.8
Saudi Arabia	6,522.9	6,813.1	7,208.9	7,029.4	6,962.1	-1.0
Syrian Arab Republic	317.0	246.8	247.8	247.8	250.2	1.0
United Arab Emirates	2,048.0	2,172.0	2,195.0	2,420.3	2,342.7	-3.2
Others	326.6	297.5	287.4	289.1	292.3	1.1
Africa	5,763.3	6,380.3	6,481.5	6,582.9	6,883.2	4.6
Algeria	741.0	893.2	970.3	947.2	1,253.5	32.3
Angola	823.0	940.9	946.9	1,010.3	1,157.6	14.6
Cameroon	100.1	94.0	95.3	97.4	98.9	1.6
Congo	204.6	215.2	236.6	237.5	239.3	0.8
Egypt	52.1	42.8	45.0	57.2	44.0	-23.0
Gabon	209.3	202.2	202.0	203.8	207.1	1.6
SP Libyan AJ	1,126.5	1,284.5	1,306.3	1,425.6	1,377.8	-3.4
Nigeria	2,163.5	2,356.0	2,326.0	2,248.4	2,144.1	-4.6
Others	343.2	351.5	353.3	355.6	360.8	1.5
Asia and Pacific	2,095.1	2,005.8	1,961.1	1,876.6	1,923.0	2.5
Australia	314.1	283.6	230.0	234.6	239.3	2.0
Brunei	198.4	188.9	198.9	200.7	204.3	1.8
China	168.2	109.4	161.2	125.8	76.1	-39.5
Indonesia	433.0	412.7	374.4	301.3	319.3	6.0
Malaysia	391.7	375.5	382.6	390.7	400.6	2.5
Vietnam	335.1	395.7	362.8	365.0	385.7	5.7
Others	254.5	240.1	251.2	258.7	297.8	15.1
Total world	39,125.4	42,325.0	42,830.7	43,661.2	44,832.4	2.7
OPEC	19,961.4	22,530.2	23,310.3	23,490.5	24,010.5	2.2
OPEC percentage	51.0	53.2	54.4	53.8	53.6	

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

Crude oil exports, 1987–2007 (m b/d)



Percentage of OPEC crude oil exports to regions

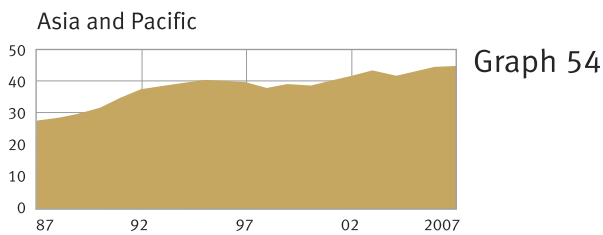
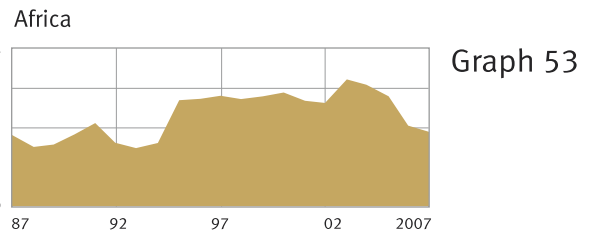
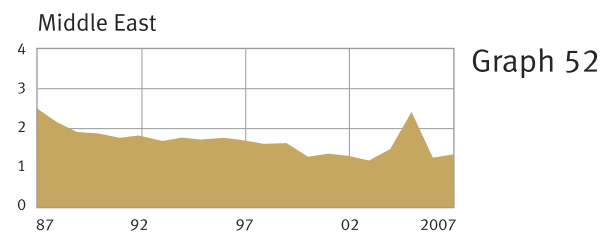
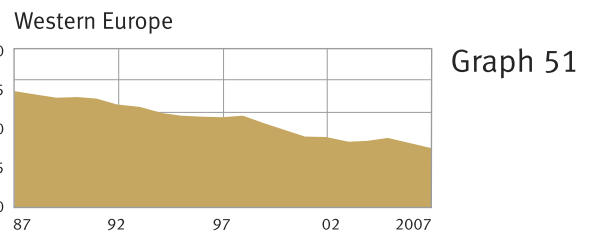
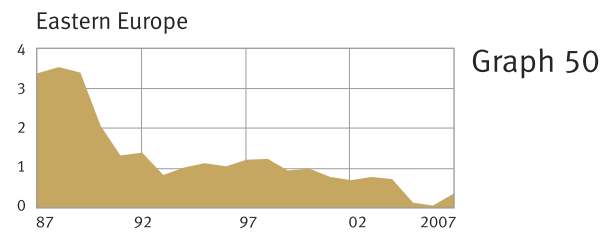
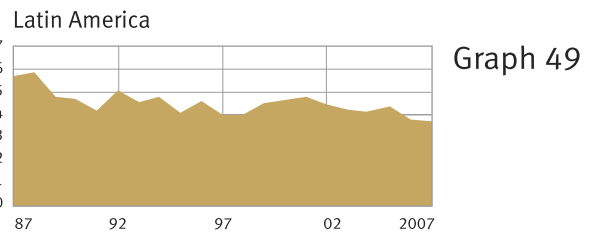
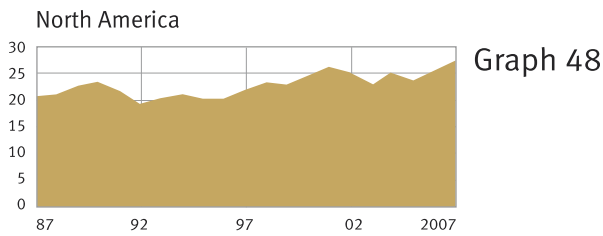


Table 53

Oil and gas data

OPEC refined product exports by destination, 2003–2007 (1,000 b/d)

Algeria	2003	2004	2005	2006	2007
North America	143.6	121.7	84.7	173.7	116.6
United States	142.3	121.7	84.7	171.9	114.4
Latin America	24.6	18.8	35.0	41.4	26.0
Eastern Europe	–	0.2	–	–	–
Western Europe	273.6	241.0	89.9	166.6	175.7
France	40.9	22.3	4.2	61.8	44.3
Italy	65.1	52.6	16.7	16.6	32.3
Netherlands	49.0	36.3	38.8	32.8	45.9
Spain	62.4	55.2	17.7	45.6	45.1
United Kingdom	7.0	7.3	4.1	–	0.7
Middle East	0.9	–	2.2	15.6	40.0
Africa	51.4	52.2	1.2	1.8	50.2
Asia and Pacific	28.4	12.1	6.2	34.2	27.3
Unspecified	–	–	232.8	1.6	15.5
Total world	528.3	446.0	451.9	435.1	451.3

Indonesia	2003	2004	2005	2006	2007
North America	6.8	4.5	2.3	10.9	9.7
United States	6.8	4.5	2.3	10.9	9.7
Latin America	–	–	–	–	–
Western Europe	12.7	13.4	1.5	0.4	1.4
Italy	12.2	8.1	–	–	–
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	135.9	125.6	98.4	214.4	95.8
Japan	73.3	73.8	80.6	175.0	73.0
South Korea	34.9	29.6	16.3	38.5	22.9
Singapore	26.8	–	–	–	–
Unspecified	–	–	40.1	–	–
Total world	155.3	143.5	142.3	225.7	106.9

OPEC refined product exports by destination, 2003–2007 (1,000 b/d)

Kuwait	2003	2004	2005	2006	2007
North America	12.8	30.9	53.8	28.6	22.0
United States	12.4	26.7	10.1	20.5	33.6
Latin America	–	–	–	–	–
Western Europe	39.8	88.6	119.9	181.9	236.7
Italy	–	–	–	–	–
Netherlands	1.1	5.4	–	–	–
United Kingdom	26.4	80.9	0.1	0.2	0.2
Middle East	–	–	–	–	–
Africa	–	–	–	–	–
Asia and Pacific	570.5	484.7	440.5	539.0	480.4
Australia	–	–	2.4	1.2	4.3
Japan	127.3	285.5	243.4	314.6	272.1
Unspecified	–	–	–	–	–
Total world	623.1	604.2	614.2	749.5	739.1

Saudi Arabia	2003	2004	2005	2006	2007
North America	29.1	61.0	50.8	36.2	30.2
Latin America	31.3	37.7	33.2	19.8	25.6
Western Europe	81.5	134.5	152.3	136.0	99.4
Middle East	125.8	141.8	155.5	197.3	167.2
Africa	93.9	101.1	113.4	123.8	124.1
Asia and Pacific	767.0	858.3	880.2	764.5	692.1
Unspecified	–	–	–	–	–
Total world	1,128.6	1,334.4	1,385.4	1,277.6	1,138.8

Venezuela	2003	2004	2005	2006	2007
North America	218.4	431.2	248.9	196.4	210.3
United States	194.1	384.3	239.7	194.0	196.8
Latin America	103.7	–	170.0	178.6	221.3
Western Europe	25.9	142.6	117.1	66.3	94.9
Italy	5.7	40.4	27.9	10.0	24.7
United Kingdom	1.4	2.3	11.7	9.8	10.4
Africa	–	–	7.5	5.7	9.1
Asia and Pacific	0.1	–	–	141.1	87.0
Japan	0.1	–	–	0.1	–
Unspecified	137.0	–	65.7	10.4	16.1
Total world	485.0	573.8	609.3	598.5	638.8

Table 54

Oil and gas data

World exports of refined products by country, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
North America	1,870.4	1,860.6	1,974.9	2,133.3	2,216.5	3.9
Canada	944.0	914.9	942.0	963.3	986.6	2.4
United States	926.3	945.6	1,032.8	1,169.8	1,229.8	5.1
Others	0.1	0.1	0.1	0.1	0.1	–
Latin America	1,942.4	2,013.8	2,060.0	2,129.8	2,208.2	3.7
Brazil	160.4	185.3	186.7	179.8	192.8	7.2
Ecuador	27.4	27.6	19.7	34.5	40.0	16.0
Mexico	98.1	82.6	77.7	128.0	121.4	–5.1
Netherland Antilles	205.2	214.5	219.6	224.2	229.6	2.4
Trinidad & Tobago	144.1	126.6	130.2	133.0	136.5	2.6
Venezuela	485.0	573.8	609.3	598.5	638.8	6.7
Virgin Islands	390.5	395.2	402.7	410.3	419.0	2.1
Others	431.7	408.3	414.2	421.5	430.2	2.0
Eastern Europe	1,879.1	2,098.2	2,410.1	2,613.5	2,448.5	–6.3
Romania	66.0	66.9	67.7	68.6	69.7	1.6
Former USSR	1,657.7	1,868.0	2,170.0	2,364.0	2,188.2	–7.4
Others	155.4	163.4	172.4	180.9	190.6	5.4
Western Europe	4,738.3	5,236.5	5,586.9	5,781.5	5,558.7	–3.9
Belgium	414.8	452.1	456.6	432.4	429.5	–0.7
France	431.1	481.1	562.9	535.0	530.8	–0.8
Germany	384.3	483.5	535.8	556.7	571.8	2.7
Italy	441.1	469.6	550.2	501.6	478.2	–4.7
Netherlands	1,389.8	1,493.7	1,604.8	1,789.0	1,565.3	–12.5
United Kingdom	505.0	625.3	615.5	579.5	596.8	3.0
Others	1,172.3	1,231.3	1,261.2	1,387.3	1,386.4	–0.1
Middle East	3,051.7	3,220.6	3,375.8	3,450.8	3,319.3	–3.8
Bahrain	249.4	243.2	253.0	246.3	253.2	2.8
IR Iran	333.2	339.6	402.1	461.6	388.3	–15.9
Iraq	10.5	11.5	13.5	56.3	65.6	16.6
Kuwait	623.1	604.2	614.2	749.5	739.1	–1.4
Qatar	61.5	64.9	76.8	81.1	73.9	–8.8
Saudi Arabia	1,128.6	1,334.4	1,385.4	1,277.6	1,138.8	–10.9
United Arab Emirates	513.6	503.6	509.0	452.8	407.7	–10.0
Others	131.8	119.3	121.9	125.6	252.7	101.2
Africa	1,083.4	1,042.8	1,040.3	1,053.5	1,095.1	3.9
Algeria	528.3	446.0	451.9	435.1	451.3	3.7
Angola	13.4	13.6	13.9	14.2	26.6	87.6
Egypt	90.8	92.6	94.3	96.1	98.0	2.0
Gabon	7.3	7.3	7.3	7.3	7.4	1.0
Nigeria	67.7	66.9	49.3	50.3	53.4	6.3
SP Libyan AJ	145.4	161.5	162.5	183.1	183.1	–
Others	230.6	255.0	261.1	267.5	275.2	2.9
Asia and Pacific	3,149.7	3,497.5	3,693.4	3,960.1	4,046.1	2.2
Australia	126.6	139.1	96.9	104.2	112.0	7.6
China	329.7	346.3	349.7	353.2	358.0	1.4
Indonesia	155.3	143.5	142.3	225.7	106.9	–52.6
Japan	77.8	89.9	173.4	203.6	239.5	17.6
Malaysia	214.6	221.2	229.6	238.4	247.9	4.0
Singapore	977.7	1,083.4	1,124.6	1,167.3	1,212.4	3.9
Others	1,268.0	1,474.1	1,576.8	1,667.7	1,769.3	6.1
Total world	17,714.9	18,970.2	20,141.3	21,122.6	20,892.5	–1.1
OPEC	4,092.9	4,291.0	4,449.7	4,620.2	4,313.6	–6.6
OPEC percentage	23.1	22.6	22.1	21.9	20.6	–5.6

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

World natural gas exports by country, 2003–2007 (million standard cu m)

	2003	2004	2005	2006	2007*	% change 07/06
North America	118,444	126,346	124,800	121,060	130,500	7.8
Canada	98,850	102,100	104,200	99,750	107,300	7.6
United States	19,594	24,246	20,600	21,310	23,200	8.9
Latin America	23,260	29,640	30,950	33,270	33,900	1.9
Argentina	6,460	7,830	6,820	6,140	2,600	-57.7
Bolivia	4,890	7,910	10,400	10,800	11,700	8.3
Mexico	–	–	30	80	1,500	–
Trinidad & Tobago	11,910	13,900	13,700	16,250	18,100	11.4
Eastern Europe	139,276	158,200	163,900	163,800	162,400	-0.9
Former USSR	139,276	158,200	163,900	163,800	162,400	-0.9
Western Europe	145,640	156,560	160,560	168,590	172,780	2.5
Austria	800	700	700	700	900	28.6
Belgium	1,600	3,300	4,400	4,500	4,500	–
Denmark	3,300	4,290	5,290	5,090	4,510	-11.4
France	770	770	770	770	770	–
Germany	11,000	12,500	15,100	14,730	16,100	9.3
Netherlands	42,170	48,400	46,300	48,600	49,500	1.9
Norway	70,800	74,600	78,300	84,000	86,100	2.5
United Kingdom	15,200	12,000	9,700	10,200	10,400	2.0
Middle East	40,565	46,447	49,934	57,534	65,972	14.7
IR Iran	3,413	3,560	4,735	5,727	6,023	5.2
Oman	9,610	10,600	10,600	12,940	13,100	1.2
Qatar	20,245	24,200	27,100	31,100	39,300	26.4
United Arab Emirates	7,297	8,087	7,499	7,767	7,549	-2.8
Africa	72,740	74,537	89,896	103,961	104,857	0.9
Algeria	59,850	59,637	64,266	61,071	58,907	-3.5
Egypt	350	1,100	8,230	16,900	15,700	-7.1
SP Libyan AJ	750	1,200	5,400	8,410	9,050	7.6
Nigeria	11,790	12,600	12,000	17,580	21,200	20.6
Asia and Pacific	91,430	95,800	100,700	101,040	104,500	3.4
Australia	10,520	11,700	15,100	18,030	21,000	16.5
Brunei	9,670	9,500	9,300	9,810	9,400	-4.2
Indonesia	39,400	38,500	36,300	34,400	32,600	-5.2
Malaysia	24,970	28,600	31,100	29,820	31,600	6.0
Myanmar	6,870	7,500	8,900	8,980	9,900	10.2
Total world	631,355	687,530	720,740	749,255	774,909	3.4
OPEC	142,745	147,784	157,300	166,055	174,629	5.2
<i>OPEC percentage</i>	<i>22.6</i>	<i>21.5</i>	<i>21.8</i>	<i>22.2</i>	<i>22.5</i>	

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

Table 56

Oil and gas data

World imports of crude oil by country, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
North America	10,544.9	10,984.8	11,024.2	10,943.1	10,854.8	-0.8
Canada	879.9	896.8	898.2	825.1	837.8	1.5
United States	9,665.0	10,088.0	10,126.0	10,118.0	10,017.0	-1.0
Latin America	1,873.0	1,952.4	1,936.7	1,949.7	1,943.7	-0.3
Brazil	419.7	412.6	419.6	426.8	434.4	1.8
Chile	209.4	217.2	211.5	222.3	190.7	-14.2
Cuba	14.5	39.8	44.5	45.2	46.0	1.7
Netherland Antilles	222.0	218.0	221.9	225.9	230.2	1.9
Puerto Rico	123.9	125.4	126.9	128.4	130.2	1.4
Virgin Islands	443.6	447.1	450.7	454.3	458.4	0.9
Others	439.8	492.3	461.5	446.8	453.8	1.6
Eastern Europe	966.9	1,013.5	1,096.9	1,173.2	1,205.6	2.8
Bulgaria	115.8	113.9	123.8	142.1	142.7	0.4
Former Czechoslovakia	128.6	129.3	155.3	155.8	144.3	-7.4
Romania	117.1	150.3	177.4	179.1	175.8	-1.8
Former USSR	40.0	39.8	40.0	44.3	62.3	40.6
Others	565.4	580.2	600.4	651.9	680.5	4.4
Western Europe	11,767.0	12,117.6	12,035.0	11,815.0	11,671.8	-1.2
Belgium	732.0	692.7	645.4	636.8	665.7	4.5
France	1,736.2	1,736.6	1,722.3	1,670.6	1,646.0	-1.5
Germany	2,182.1	2,250.8	2,301.3	2,246.5	2,189.8	-2.5
Greece	398.9	407.8	377.0	399.1	409.6	2.6
Italy	1,690.7	1,746.7	1,804.6	1,752.8	1,775.8	1.3
Netherlands	975.7	1,044.4	1,051.8	959.7	985.8	2.7
Spain	1,143.6	1,178.3	1,189.2	1,207.5	1,149.7	-4.8
Sweden	411.8	417.6	405.9	390.8	363.7	-7.0
Turkey	485.0	480.6	470.3	484.3	472.7	-2.4
United Kingdom	995.8	1,150.8	1,078.2	1,048.7	1,018.0	-2.9
Others	1,015.4	1,011.4	989.1	1,018.3	995.2	-2.3
Middle East	501.2	504.6	507.0	510.5	514.6	0.8
Bahrain	225.0	226.1	227.3	228.4	229.7	0.6
Syrian Arab Republic	-	-	-	-	-	-
Yemen	-	-	-	-	-	-
Others	276.2	278.5	279.8	282.1	284.9	1.0
Africa	727.3	871.8	911.9	892.0	914.8	2.5
Côte d'Ivoire	53.9	72.7	81.0	81.7	82.6	1.1
Kenya	31.1	41.3	35.8	36.6	37.5	2.3
Morocco	90.2	120.3	140.8	143.8	147.0	2.3
Others	552.0	637.6	654.3	629.9	647.6	2.8
Asia and Pacific	13,899.5	14,859.2	15,537.9	16,102.1	16,622.1	3.2
Australia	379.0	399.0	382.7	388.2	427.3	10.1
India	1,826.0	1,935.7	2,052.6	2,207.0	2,396.0	8.6
Indonesia	306.0	255.1	341.5	289.6	298.3	3.0
Japan	4,190.0	4,036.9	4,130.6	4,062.9	3,985.6	-1.9
New Zealand	101.0	92.8	94.7	94.6	92.5	-2.2
Philippines	250.9	199.8	211.5	214.0	203.9	-4.7
Singapore	757.2	892.4	1,106.2	1,183.7	1,268.1	7.1
South Korea	2,179.8	2,277.4	2,329.3	2,412.5	2,392.3	-0.8
Taiwan	884.8	1,004.5	1,045.8	999.2	964.8	-3.4
Thailand	773.8	860.4	826.8	828.1	801.1	-3.3
Others	2,250.9	2,905.1	3,016.1	3,422.4	3,792.3	10.8
Total world	40,279.9	42,303.8	43,049.6	43,385.6	43,727.3	0.8

Notes: Revisions have been made throughout the time series.

World imports of refined products by country, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007	% change 07/06
North America	2,765.5	2,502.0	2,914.1	2,754.8	2,733.6	-0.8
Canada	238.0	261.2	298.5	291.8	302.8	3.7
United States	2,523.0	2,236.3	2,610.9	2,458.2	2,425.9	-1.3
Others	4.5	4.5	4.6	4.8	5.0	3.4
Latin America	1,366.0	1,450.3	1,554.0	1,723.0	1,883.3	9.3
Brazil	228.8	215.7	222.1	261.3	296.3	13.4
Cuba	43.1	70.8	72.4	74.7	77.2	3.3
Mexico	282.3	307.1	382.1	394.7	408.0	3.4
Netherland Antilles	49.3	62.7	61.3	63.5	65.9	3.7
Panama	17.7	18.2	18.7	19.3	20.0	3.2
Puerto Rico	99.9	102.5	105.2	108.1	111.2	2.8
Others	644.8	673.4	692.1	801.3	904.8	12.9
Eastern Europe	331.1	372.4	398.9	418.2	434.8	4.0
Bulgaria	26.2	30.0	36.3	37.6	38.9	3.6
Former USSR	9.8	10.0	10.4	10.7	11.1	3.3
Hungary	35.2	35.1	42.4	44.1	47.3	7.4
Poland	111.8	139.0	160.7	165.8	171.0	3.2
Others	148.0	158.3	149.1	160.1	166.4	4.0
Western Europe	5,265.1	5,572.2	6,118.5	6,444.3	5,961.3	-7.5
Belgium	320.7	354.5	415.3	394.5	356.8	-9.5
France	552.1	647.5	743.1	718.3	693.4	-3.5
Germany	733.8	691.2	711.8	755.3	582.8	-22.8
Italy	287.7	283.2	269.6	270.4	234.9	-13.1
Netherlands	1,071.1	1,174.6	1,340.9	1,555.7	1,368.1	-12.1
United Kingdom	341.8	382.8	467.4	550.9	478.8	-13.1
Others	1,958.0	2,038.5	2,170.3	2,199.3	2,246.3	2.1
Middle East	483.8	544.3	464.5	514.7	520.4	1.1
Syrian Arab Republic	20.9	21.7	20.5	21.2	22.0	3.5
Others	462.9	522.7	443.9	493.4	498.4	1.0
Africa	737.0	725.3	773.7	805.0	843.3	4.8
Egypt	38.8	68.6	75.9	82.1	67.8	-17.5
Morocco	86.6	66.6	77.2	80.0	83.0	3.7
Nigeria	229.3	173.6	154.3	154.8	171.3	10.7
Senegal	14.3	15.4	23.9	24.6	25.3	2.9
Tunisia	60.8	66.2	63.8	65.7	67.8	3.1
Others	307.1	335.0	378.7	397.8	428.1	7.6
Asia and Pacific	5,690.3	6,101.4	6,170.7	6,803.1	7,193.0	5.7
Australia	148.9	202.3	224.6	255.0	251.0	-1.6
China	567.8	762.1	634.1	733.4	846.6	15.4
Hong Kong	295.0	348.0	332.8	347.7	363.2	4.5
India	173.7	192.8	244.4	343.4	389.1	13.3
Japan	1,322.4	1,343.8	1,323.7	1,385.9	1,451.7	4.8
New Zealand	40.2	43.3	38.5	40.3	47.9	19.0
Singapore	1,269.3	1,150.3	1,293.9	1,496.1	1,648.5	10.2
Others	1,872.9	2,058.8	2,078.7	2,201.5	2,194.9	-0.3
Total world	16,638.7	17,268.0	18,394.3	19,463.2	19,569.7	0.5

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

Table 58

Oil and gas data

World imports of natural gas by country, 2003–2007 (*million standard cu m*)

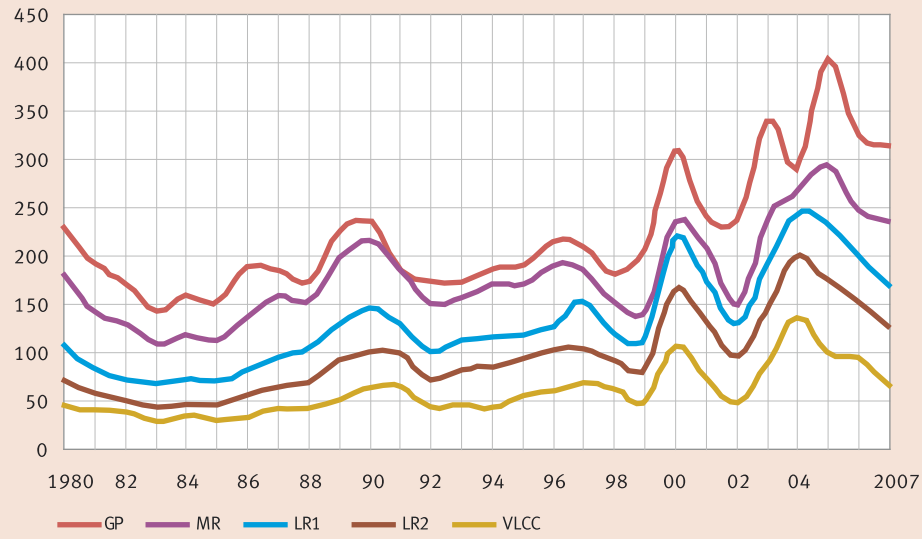
	2003	2004	2005	2006	2007*	% change 07/06
North America	121,230	131,750	132,234	126,020	143,450	13.8
Canada	7,930	11,150	10,140	9,370	12,900	37.7
United States	113,300	120,600	122,094	116,650	130,550	11.9
Latin America	21,480	27,730	26,680	28,700	26,290	-8.4
Argentina	–	800	1,740	1,800	1,900	5.6
Brazil	5,320	7,600	8,800	9,460	10,000	5.7
Chile	6,060	7,200	6,500	5,560	2,400	-56.8
Dominican Republic	300	130	250	250	250	–
Mexico	9,000	11,200	8,600	10,790	10,900	1.0
Puerto Rico	740	680	670	720	720	–
Uruguay	60	120	120	120	120	–
Eastern Europe	44,730	51,390	51,690	53,400	47,040	-11.9
Bulgaria	2,800	2,800	2,850	2,850	2,850	–
Estonia	–	970	970	970	970	–
Former Czechoslovakia	17,220	15,930	15,880	16,160	14,220	-12.0
Hungary	10,300	11,000	10,800	11,670	10,300	-11.7
Latvia	–	1,750	1,750	1,700	1,700	–
Lithuania	–	2,930	2,930	2,900	2,900	–
Poland	8,710	9,810	10,210	10,900	9,300	-14.7
Romania	5,700	6,200	6,300	6,250	4,800	-23.2
Western Europe	309,674	336,060	361,360	379,550	381,145	0.4
Austria	7,800	7,880	8,680	8,730	8,300	-4.9
Belgium	17,800	21,700	21,900	22,650	22,500	-0.7
Denmark	200	280	280	280	280	–
Finland	4,840	4,610	4,200	4,400	4,300	-2.3
France	41,900	47,300	49,000	49,500	46,700	-5.7
Germany	85,980	88,700	90,700	90,800	83,700	-7.8
Greece	2,450	2,750	2,860	3,290	3,600	9.4
Ireland	3,700	3,350	3,050	4,000	4,100	2.5
Italy	62,100	67,700	73,600	77,300	73,900	-4.4
Luxembourg	1,200	1,400	1,400	1,390	1,300	-6.5
Netherlands	16,700	15,300	17,300	18,500	18,750	1.4
Portugal	3,350	3,560	4,200	4,200	4,320	2.9
Spain	23,994	27,400	33,400	34,700	35,100	1.2
Sweden	1,250	1,050	1,030	950	1,015	6.8
Switzerland	2,920	2,770	2,840	2,800	2,780	-0.7
Turkey	21,520	22,200	27,000	30,200	36,500	20.9
United Kingdom	7,510	13,400	15,100	21,060	29,200	38.7
Former Yugoslavia	4,460	4,710	4,820	4,800	4,800	–
Middle East	6,281	7,500	7,876	9,563	11,414	19.4
IR Iran	5,731	5,200	5,176	6,263	7,264	16.0
Jordan	350	1,100	1,300	1,900	2,400	26.3
United Arab Emirates	200	1,200	1,400	1,400	1,750	25.0
Africa	2,090	1,300	1,300	1,300	1,300	–
Morocco	600	–	–	–	–	–
Tunisia	1,490	1,300	1,300	1,300	1,300	–
Asia and Pacific	125,870	131,800	139,600	150,722	164,270	9.0
China	–	–	–	1,000	3,870	287.0
India	–	2,600	6,000	7,990	10,000	25.2
Japan	79,770	76,000	78,000	81,852	88,800	8.5
South Korea	26,230	29,800	30,500	34,100	34,400	0.9
Singapore	5,320	6,600	6,600	6,600	6,500	-1.5
Taiwan	7,480	9,300	9,600	10,200	10,900	6.9
Thailand	7,070	7,500	8,900	8,980	9,800	9.1
Total world	631,355	687,530	720,740	749,255	774,909	3.4
OPEC	5,931	6,400	6,576	7,663	9,014	17.6
<i>OPEC percentage</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>1.0</i>	<i>1.2</i>	

Notes: Since joining the EU in 2004, Estonia, Latvia and Lithuania are listed separately and not included under FSU.

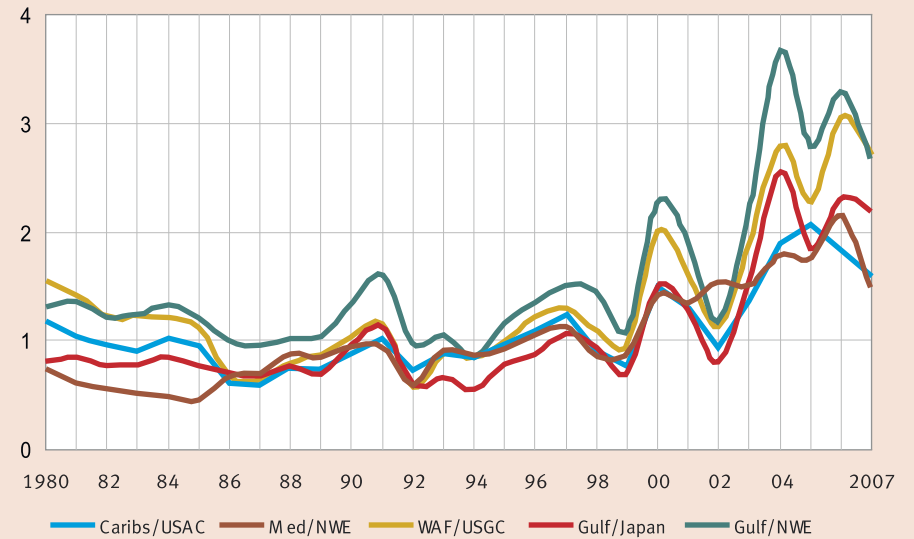
Transportation



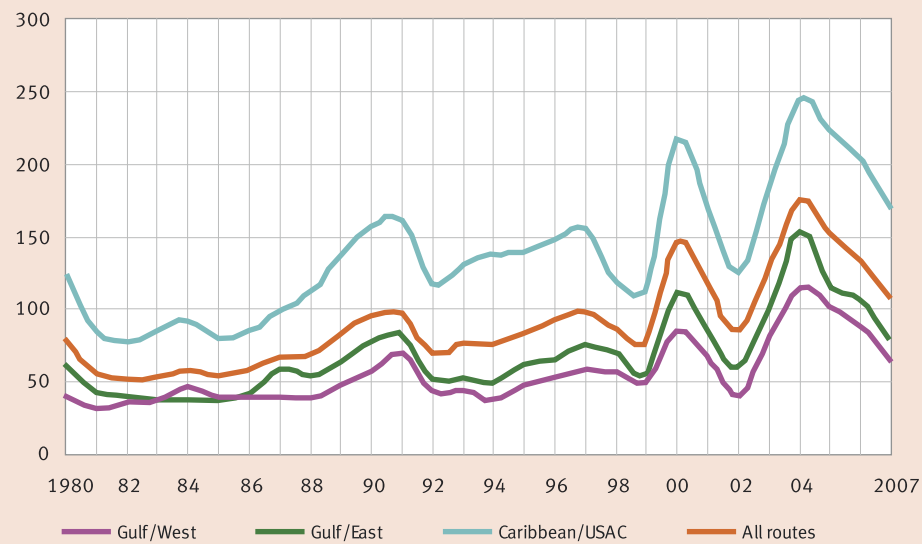
Spot freight rates for AFRA sizes
(% of *Worldscale*)



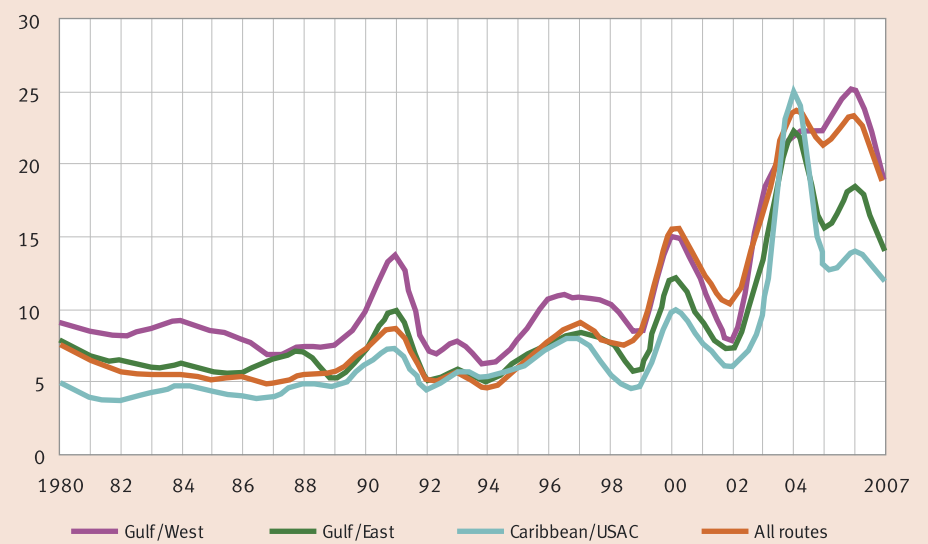
Spot freight costs for major routes
(\$/b)



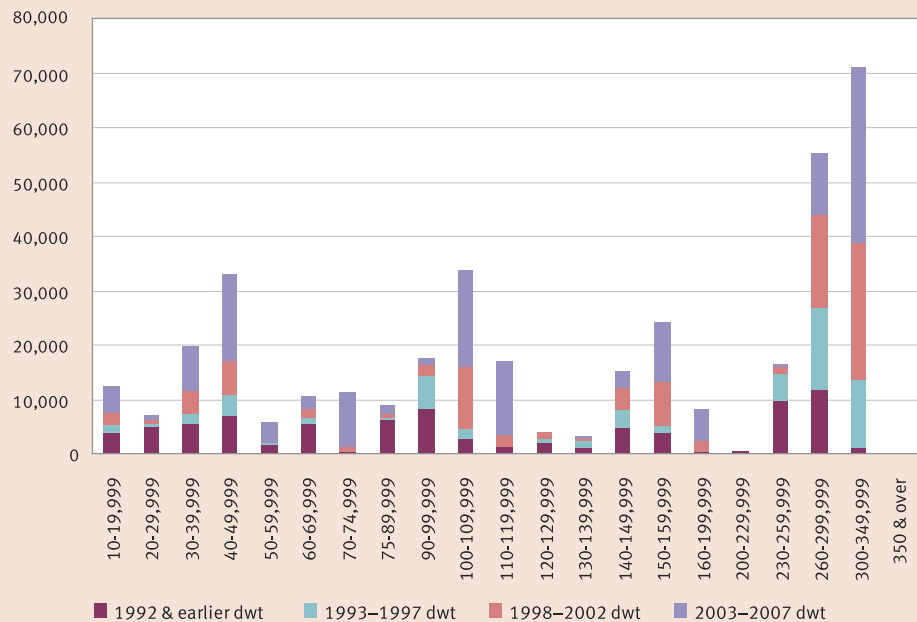
Spot tanker freight rates for all sizes
(% of *Worldscale*)



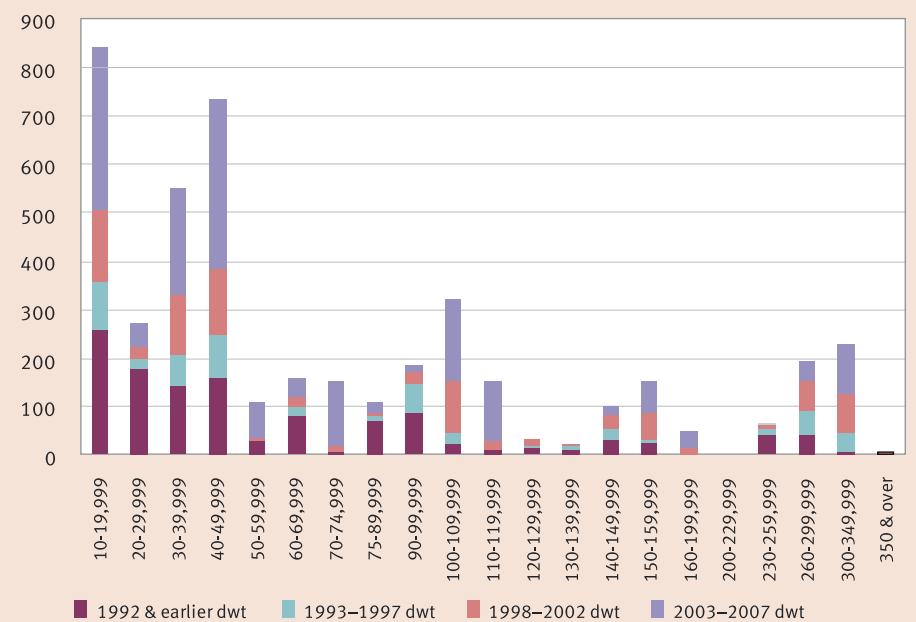
Spot tanker freight costs for all sizes
(\$/tonne)



World tanker fleet by age — 10,000 dwt and over
(dwt k/tonnes)



World tanker fleet by age — 10,000 dwt and over
(number of vessels)



Tanker fleet development in OPEC Members, 2003–2007 (1,000 dwt)

	2003		2004		2005		2006		2007	
	number	dwt	number	dwt	number	dwt	number	dwt	number	dwt
Algeria	1	23	1	23	1	23	1	23	1	23
Angola	–	–	–	–	–	–	–	–	–	–
Ecuador	–	–	–	–	–	–	–	–	–	–
Indonesia	32	989	29	994	29	994	29	994	40	1,368
IR Iran	27	5,645	32	6,050	32	6,050	32	6,050	29	6,202
Iraq	9	534	1	37	1	37	1	37	1	37
Kuwait	29	3,625	22	3,176	19	2,941	18	2,802	22	3,241
SP Libyan AJ	6	775	6	275	6	275	6	275	8	627
Nigeria	2	409	2	409	2	409	2	409	2	409
Qatar	4	369	6	438	6	438	6	438	6	528
Saudi Arabia	12	579	19	1,721	19	1,721	41	10,055	41	10,055
United Arab Emirates	7	275	7	275	9	400	6	218	6	218
Venezuela	13	558	21	1,348	21	1,348	21	1,348	21	1,348
OPEC	142	13,779.8	146	14,746.9	145	14,635.6	163	22,648.9	177	24,055.8
Total world	3,524	306,578.0	3,670	318,116.7	3,892	340,213.6	4,177	359,617.8	4,418	375,591.0
<i>OPEC percentage</i>		4.5		4.6		4.3		6.3		6.4

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

Table 60

World tanker fleet by age, 2007 (1,000 dwt)

	up to 1992		1993–1997		1998–2002		2003–2007		Total	
	no	dwt	no	dwt	no	dwt	no	dwt	no	dwt
10,000–19,999	258	3,915.9	99	1,368.3	147	2,226.5	333	4,984.7	837	12,495.4
20,000–29,999	180	4,914.4	18	511.3	27	638.4	42	1,061.4	267	7,125.5
30,000–39,999	144	5,253.5	62	2,219.3	123	4,323.7	222	8,029.3	551	19,825.7
40,000–49,999	160	6,998.0	87	3,868.1	132	6,050.9	354	16,082.5	733	32,999.5
50,000–59,999	31	1,681.5	2	110.2	1	59.7	75.0	3,856.2	109	5,707.6
60,000–69,999	83	5,389.5	20	1,353.5	21	1,415.1	34.0	2,245.2	158	10,403.3
70,000–74,999	3	212.9	na	na	15	1,078.7	136.0	9,907.9	154	11,199.5
75,000–89,999	71	6,024.8	8	680.4	9	738.5	21.0	1,579.5	109	9,023.2
90,000–99,999	84	8,063.0	66	6,369.8	21	2,070.2	10.0	954.5	181	17,457.4
100,000–109,999	25	2,606.0	20	2,105.4	106	11,206.5	168.0	17,704.3	319	33,622.3
110,000–119,999	9	1,006.6	1	110.5	22	2,461.6	119.0	13,515.9	151	17,094.6
120,000–129,999	15	1,883.8	7	868.5	9	1,134.3	na	na	31	3,886.6
130,000–139,999	9	1,233.5	9	1,210.8	1	130.0	3.0	411.6	22	2,986.0
140,000–149,999	31	4,527.2	25	3,702.2	26	3,850.5	20.0	2,931.3	102	15,011.2
150,000–159,999	24	3,702.3	9	1,380.9	51	7,968.1	69.0	10,837.2	153	23,888.5
160,000–199,999	2	352.1	na	na	11	1,796.2	36.0	5,979.9	49	8,128.3
200,000–229,999	2	429.7	na	na	na	na	na	na	2	429.7
230,000–259,999	39	9,840.0	19	4,922.2	5	1,300.0	1.0	259.8	64	16,321.9
260,000–299,999	42	11,776.1	52	15,029.3	59	17,254.5	38	11,258.0	191	55,317.9
300,000–349,999	4	1,213.9	41	12,421.5	82	25,149.6	104	32,112.1	231	70,897.1
350,000 and over	na	na	na	na	3	1,326.9	1	442.5	4	1,769.4
Total world	1,216	81,024.7	545	58,232.1	871	92,179.9	1,786	144,153.8	4,418	375,590.5

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.

Table 61

Transportation

World liquid gas carrier fleet by size and type, 2007 (1,000 cu m)

	number	LPG capacity	number	LNG capacity	number	Total capacity
up to 999	66	44.6	–	–	66	44.6
1,000–1,999	276	398.5	1	1.1	277	399.6
2,000–4,999	281	928.4	3	6.6	284	935.0
5,000–9,999	177	1,195.9	–	–	177	1,195.9
10,000–19,999	61	832.4	5	95.2	66	927.6
20,000–39,999	77	2,299.0	5	149.2	82	2,448.2
40,000–59,999	24	1,359.5	6	252.9	30	1,612.4
60,000–99,999	114	8,973.5	17	1,307.1	131	10,280.6
100,000 and over	–	–	217	30,125.5	217	30,125.5
Total world	1,076	16,031.8	254	31,937.6	1,330	47,969.4

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

Table 62

Liquid gas carrier fleet in OPEC Members, 2007 (1,000 cu m)

	number	LPG capacity	number	LNG capacity	number	Total capacity
Algeria	4	40.6	8	898.5	12	939.1
Ecuador	6	22.9	-	-	6	22.9
Indonesia	4	174.4	-	-	4	174.4
IR Iran	1	12.1	-	-	1	12.1
Iraq	-	-	-	-	-	-
Kuwait	4	215.2	-	-	4	215.2
SP Libyan AJ	2	7.9	-	-	2	7.9
Nigeria	-	-	24	3,346.0	24	3,346.0
Qatar	2	46.1	25	3,500.3	27	3,546.4
Saudi Arabia	-	-	-	-	-	-
United Arab Emirates	1	3.2	8	1,096.0	9	1,099.2
Venezuela	3	28.7	-	-	3	28.7
OPEC	27	551.1	65	8,840.8	92	9,391.9
Total world	1,076	16,031.8	254	31,937.6	1,330	47,969.4
<i>OPEC percentage</i>		3.4		27.7		19.6

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

World combined carrier fleet by size, 2003–2007 (1,000 dwt)

	2003		2004		2005		2006		2007	
	no	dwt	no	dwt	no	dwt	no	dwt	no	dwt
10,000–19,999	1	15.2	1	15.2	1	15.2	1	15.2	2	28.4
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	9	418.8	9	418.8	9	418.8	9	418.8
50,000–59,999	10	544.2	9	489.7	9	489.7	8	436.1	7	381.5
60,000–69,999	5	326.4	5	326.4	5	326.4	5	326.4	5	326.4
70,000–79,999	30	2,268.1	18	1,356.8	15	1,110.4	15	1,110.4	16	1,211.6
80,000–99,999	23	2,067.3	21	1,388.3	28	2,333.8	31	2,631.2	33	2,809.1
100,000–124,999	14	1,526.7	15	1,905.2	25	2,578.6	16	1,667.0	15	1,670.3
125,000–159,999	16	2,166.5	24	2,739.4	8	1,143.3	3	365.5	–	–
160,000–199,999	9	1,517.9	9	1,517.9	9	1,517.9	16	2,526.0	14	2,257.1
200,000–249,999	–	–	–	–	–	–	–	–	–	–
250,000–319,999	5	1,523.9	5	1,523.9	4	1,233.1	4	1,233.1	4	1,233.1
Total world	124	12,446.5	117	11,708.1	114	11,193.7	109	10,756.2	106	10,362.8

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

Table 64

World laid-up tanker and combined carrier tonnage by size, 2003–2007 (1,000 dwt)

	2003		2004		2005		2006		2007	
	no	dwt	no	dwt	no	dwt	no	dwt	no	dwt
up to 44,999	4	100.0	4	80.0	3	60.0	6	139.0	1	22.0
45,000–79,999	–	–	–	–	–	–	–	–	–	–
80,000–159,999	–	–	–	–	–	–	–	–	–	–
160,000–199,999	–	–	–	–	–	–	–	–	–	–
200,000–319,999	1	300.0	–	–	–	–	–	–	–	–
320,000 and over	–	–	–	–	–	–	–	–	–	–
Total world	5	400.0	4	80.0	3	60.0	6	139.0	1	22.0

Notes: Figures as at year-end.

Table 65

Transportation

Average spot freight rates for all routes, 1998–2007 (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
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
2005		404.4	294.4	232.8	174.7	100.8
2006		324.2	246.7	200.8	153.0	95.4
2007		313.2	235.6	169.3	125.2	66.2
2005	Jan	346.5	329.3	323.6	225.5	149.5
	Feb	264.0	250.9	193.8	195.9	79.2
	Mar	390.3	264.8	242.3	186.9	129.4
	Apr	361.0	258.5	178.2	166.0	91.8
	May	388.8	271.8	213.3	154.4	86.4
	Jun	338.2	236.4	196.2	135.2	66.7
	Jul	350.8	225.3	185.5	125.9	62.0
	Aug	334.3	214.4	147.0	114.6	83.9
	Sep	602.2	318.9	193.0	127.0	68.5
	Oct	559.0	440.3	292.3	171.0	94.5
	Nov	512.8	403.9	338.6	236.3	118.8
	Dec	404.6	318.7	290.2	258.0	178.4
2006	Jan	401.4	368.6	242.4	222.6	118.2
	Feb	330.5	240.8	225.9	164.6	125.0
	Mar	342.8	252.5	200.9	148.0	100.9
	Apr	280.1	210.8	165.3	124.4	72.7
	May	253.9	190.4	175.2	131.4	62.5
	Jun	321.2	220.8	190.3	130.8	83.1
	Jul	353.6	266.3	207.3	156.1	104.8
	Aug	342.4	260.3	210.1	159.7	116.6
	Sep	311.2	264.5	201.2	171.0	115.6
	Oct	290.3	234.8	191.0	154.5	102.5
	Nov	364.4	239.2	207.8	136.4	75.8
	Dec	298.6	211.4	192.1	136.0	66.7
2007	Jan	273.3	251.0	197.2	161.5	60.6
	Feb	340.1	247.8	190.9	144.5	65.8
	Mar	289.1	213.0	166.9	117.1	70.5
	Apr	336.2	253.0	171.8	144.5	78.4
	May	351.3	263.5	189.6	134.4	62.4
	Jun	371.3	255.2	154.4	110.9	72.5
	Jul	333.1	250.8	161.7	117.1	61.8
	Aug	334.2	254.0	130.5	97.9	52.2
	Sep	217.7	185.0	128.3	90.1	53.1
	Oct	239.3	193.6	134.8	99.9	52.2
	Nov	311.2	204.3	165.8	124.0	60.2
	Dec	362.0	256.3	240.1	160.2	104.4

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, 1998–2007 (\$/b)

	Crude oil					Petroleum products				
	Carib/USAC	Med/NWE	WAF/USGC	Gulf/Japan	Gulf/NWE	Gulf/Japan	Med/Med	Carib/USAC	S'pore/Japan	
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	1.37	1.51	1.88	1.52	2.16	3.24	0.96	1.22	1.83	
2004	1.89	1.79	2.79	2.56	3.66	3.65	1.21	1.69	2.20	
2005	2.07	1.76	2.27	1.86	2.79	4.99	1.31	1.69	2.86	
2006	1.85	2.15	3.05	2.31	3.30	6.22	1.36	1.96	3.62	
2007	1.60	1.51	2.74	2.20	2.68	4.44	1.76	2.49	2.82	
2005	Jan	2.40	2.34	2.96	2.85	3.97	5.91	1.29	2.12	2.87
	Feb	1.57	2.09	2.33	1.36	2.24	5.06	1.50	1.71	2.69
	Mar	1.85	1.90	2.52	2.54	3.43	4.64	1.35	1.82	2.70
	Apr	1.36	1.69	2.07	1.64	2.51	4.67	1.24	1.91	2.65
	May	1.88	1.74	1.90	1.56	2.39	4.23	1.25	1.56	2.32
	Jun	2.02	1.45	1.93	1.11	1.91	3.34	1.25	1.50	2.02
	Jul	1.76	1.19	1.76	1.09	1.76	3.94	1.29	1.58	2.05
	Aug	1.39	1.08	1.64	1.62	2.54	4.20	0.93	1.06	2.64
	Sep	1.55	1.30	1.64	1.24	2.12	5.38	1.24	1.87	3.11
	Oct	2.74	1.55	2.00	1.69	2.78	5.52	1.58	2.14	4.06
	Nov	3.03	2.47	3.08	2.11	3.22	6.77	1.59	1.70	4.01
	Dec	3.30	2.26	3.44	3.49	4.57	6.22	1.24	1.35	3.22
2006	Jan	3.15	3.58	4.20	2.77	3.96	10.01	2.15	2.76	4.93
	Feb	1.83	2.72	3.04	2.89	3.80	8.47	1.80	2.11	4.99
	Mar	1.51	2.49	2.77	2.34	3.40	4.64	1.22	1.97	3.23
	Apr	1.74	1.28	3.33	1.70	2.81	4.01	1.16	1.71	2.66
	May	1.79	1.73	3.10	1.40	2.49	5.98	1.44	1.83	3.86
	Jun	1.87	1.52	3.04	1.89	3.09	5.94	1.17	1.78	3.45
	Jul	1.82	2.54	3.00	3.24	3.76	4.56	1.41	2.15	3.03
	Aug	1.83	2.55	3.00	3.12	3.80	6.69	1.39	2.22	3.99
	Sep	1.79	2.34	3.37	2.72	3.76	7.07	1.25	1.79	4.30
	Oct	1.58	2.02	2.73	2.46	3.44	6.10	1.09	1.70	3.70
	Nov	1.59	1.52	2.57	1.70	2.77	3.65	1.17	1.47	2.32
	Dec	1.73	1.53	2.51	1.44	2.53	7.50	1.11	2.06	3.00
2007	Jan	1.68	2.19	2.86	1.76	2.15	4.58	1.81	2.49	3.39
	Feb	2.01	1.29	2.98	1.77	2.10	3.92	1.93	2.70	2.35
	Mar	1.74	1.66	2.70	2.40	2.92	4.46	2.04	3.37	2.43
	Apr	1.50	1.66	3.05	1.75	2.33	4.23	2.11	2.90	2.35
	May	1.59	1.29	2.48	2.32	2.73	4.63	2.21	2.74	3.09
	Jun	1.34	1.16	2.53	1.89	2.55	4.17	1.97	3.01	2.70
	Jul	1.55	1.26	2.24	1.56	1.97	4.52	1.49	2.54	2.93
	Aug	1.03	0.98	1.86	1.43	1.91	4.64	1.23	1.99	2.91
	Sep	1.12	1.08	1.81	1.45	1.85	4.20	1.05	1.71	2.84
	Oct	1.33	1.59	2.19	1.49	1.90	3.83	1.23	1.77	2.53
	Nov	1.46	1.63	2.80	2.33	2.92	4.14	1.99	2.11	2.46
	Dec	2.87	2.28	5.35	6.22	6.86	5.93	2.05	2.50	3.84

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.

Table 67

Transportation

Spot tanker freight rates for all sizes, 1998–2007

		Gulf/West		Gulf/East		Caribbean/USAC		all routes	
		% of Worldscale	equivalent \$/t	% of Worldscale	equivalent \$/t	% of Worldscale	equivalent \$/t	% of Worldscale	equivalent \$/t
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	23.61
2005		102	22.49	116	15.59	225	13.16	151	21.31
2006		89	25.06	106	18.59	203	13.98	134	23.34
2007		63	18.64	79	14.00	169	11.98	107	18.87
2005	Jan	155	34.15	164	21.99	318	18.63	202	28.54
	Feb	79	17.40	81	10.86	195	11.43	146	20.63
	Mar	120	26.44	156	20.92	222	13.01	167	23.60
	Apr	93	20.49	112	15.02	169	9.90	138	19.50
	May	92	20.27	96	12.87	207	12.13	133	18.79
	Jun	73	16.08	74	9.92	197	11.54	119	16.81
	Jul	68	14.98	69	9.25	174	10.20	108	15.26
	Aug	82	18.06	98	13.14	141	8.26	108	15.26
	Sep	82	18.06	83	11.13	192	11.25	113	15.97
	Oct	99	21.81	106	14.21	287	16.82	155	21.90
	Nov	128	28.20	135	18.10	315	18.46	193	27.27
	Dec	154	33.93	221	29.64	277	16.23	228	32.22
2006	Jan	102	28.66	133	23.24	246	16.92	178	31.06
	Feb	101	28.38	142	24.81	234	16.10	157	27.40
	Mar	106	29.79	112	19.57	189	13.00	136	23.73
	Apr	81	22.76	79	13.80	168	11.56	111	19.37
	May	72	20.23	72	12.58	190	13.07	109	19.02
	Jun	77	21.64	88	15.37	199	13.69	116	20.24
	Jul	93	26.13	114	19.92	208	14.31	140	24.43
	Aug	96	26.98	132	23.06	208	14.31	146	25.48
	Sep	99	27.82	137	23.93	187	12.87	150	26.18
	Oct	102	28.66	112	19.57	198	13.62	134	23.38
	Nov	77	21.64	81	14.15	197	13.55	115	20.07
	Dec	64	17.98	75	13.10	214	14.72	113	19.72
2007	Jan	66	19.40	65	11.56	206	14.58	118	20.89
	Feb	66	19.40	70	12.45	190	13.45	114	20.18
	Mar	65	19.11	82	14.58	195	13.81	110	19.47
	Apr	69	20.29	97	17.25	168	11.89	119	21.06
	May	71	20.87	70	12.45	186	13.17	111	19.65
	Jun	69	20.29	86	15.29	147	10.41	100	17.70
	Jul	68	19.99	79	14.05	152	10.76	103	18.23
	Aug	51	14.99	67	11.91	132	9.35	84	14.87
	Sep	55	16.17	69	12.27	118	8.35	82	14.51
	Oct	45	13.23	66	11.73	129	9.13	88	15.58
	Nov	49	14.41	69	12.27	170	12.04	102	18.05
	Dec	87	25.58	125	22.23	238	16.85	148	26.20

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

Crude oil pipelines in OPEC Members, 2007

	Owner or operator	Length (miles)	Diameter (inches)
Algeria			
Haoud el Hamra/Arzew	Sonatrach	498	28
Haoud el Hamra/Arzew	Sonatrach	511	34
Haoud el Hamra/Bejaia	Sonatrach	415	24
In Amenas/Tunesian border/La Skhirra	Sonatrach	482	24
Haoud el Hamra/Skikda	Sonatrach	400	34
Angola			
GS-N/Malongo terminal	Chevron	21	30
East Kokongo/Malongo terminal	Chevron	39	24
OBP1/Malongo terminal	Total	14	16
Essungo/Lombo East terminal	Texpan	50	16
Ecuador			
Lago Agrio/Esmeraldas	Transpecuador (state)	305	26/20/26
Lago Agrio/Esmeraldas	Pesados Ecuador SA (private)	300	24/36
Indonesia			
Bangko/Dumai terminal	Caltex	47	30
Ukui field/Buatan Stat	PT Stanvac	65	9
Melahin/SBM operating area	Unocal	2 x 6	30
Prabumulih/Plaju	Pertamina	57	24
Tempino Stanvac area/Plaju	Conoco Phillips	265	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
Minas area/Duri tank farm	Caltex	37, 23	26, 30, 30
IR Iran			
Tang-e-Fani/Kermanshah	NIOC	249	16/10
Naftshahr/Kermanshah	NIOC	146	8
Gachsaran/Shiraz	NIOC	142	10
Ahwaz/Rey	NIOC	457	26/30/26
Marun/Isfahan	NIOC	271	32/30/26
Rey/Tabriz	NIOC	376	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
Tang-e-Fani/Arak	NIOC	106	26
Bandar Abbas/Isfahan	NIOC	620	26/14/16

Table 68

Transportation

Crude oil pipelines in OPEC Members, 2007

	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	2 x 57	30
Minagish/Ahmadi	KOC	30	22/24/26
SP Libyan AJ			
Sarir/Tobruk	Arabian Oil	320	34
Messla/Amal	Arabian Oil	128	42
Majid/Nafoora	Arabian Oil	65	14
Nafoora/Amal	Arabian Oil	32	32
Hamada/Zawia	Arabian Oil	241	18
Saharara/Zawia	Repsol	452	30
Amal/Ras Lanuf	Harouge	2 x 170	30,36
Asida/Ras Lanuf	Harouge	55	30
Waha/Zaggut	Waha Oil	27	24
Waha/Samah (loop)	Waha Oil	40	24
Bahi junction/Es Sider	Waha Oil	44	30
Zaggut/Es Sider	Waha Oil	166	24
Zaggut/Samah	Waha Oil	22	24
Samah/Dahra	Waha Oil	114	32
Gialo/Waha	Waha Oil	94	30
Faregh/Gialo	Waha Oil	40	12
Bu-Attifel/Intisar	Agip	83	30
Asharara/Mellitah	Agip	452	30
Rimal/Bu-Atifel	Agip	47	12
El-Feel/Asharara	Agip	47	24
Alwafra/Mellitah	Eni	326	16
Nasser/Al Brayqah	Sirte	107	36
Intisar (A103)/Zawiah	Zueitina	137	40
Sabah/Zella	Zueitina	57	16
Zella/Hofra	Zueitina	70	20

Crude oil pipelines in OPEC Members, 2007

	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/Qit	Mobil	13	24
Qatar			
Umm Bab/Messaieed	QG	4 x 84	14, 16, 20, 24
PS1/Halul	QPOL	43	20
Bul Hanin/Halul	QGPC	27	20
Alkhaleej/Halul	QP/Total	2 x 40	20, 12
Saudi Arabia			
Abqaiq/Yanbu	Saudi Aramco	2 x 748	56
Abqaiq/Yanbu (condensate)	Saudi Aramco	725	24/28
Shaybah/Abqaiq	Saudi Aramco	397	46
Hardah/Abqaiq	Saudi Aramco	134/111/110	36, 30, 46
Safaniyah/Juaimah terminal	Saudi Aramco	123	46
Safaniyah/Khursaniyah	Saudi Aramco	4 x 66	30, 36, 48, 22
Khursaniyah/Ras Tanura	Saudi Aramco	4 x 65	48, 40, 30, 22
Khurais/Riyadh refinery	Saudi Aramco	88	26
Abu Ali/Berri junctions	Saudi Aramco	49	30
Abqaiq/Qatif junctions	Saudi Aramco	6 x 44	46, 3 x 40, 2 x 30

Table 68

Transportation

Crude oil pipelines in OPEC Members, 2007

Saudi Arabia (cont'd)	Owner or operator	Length (miles)	Diameter (inches)
Abqaiq/Dhahran	Saudi Aramco	3 x 38	2 x 14, 12
Berri junction/Ras Tanura	Saudi Aramco	37	40
Wafra field/Mina Saud	SAC	3 x 31	10, 16, 20
Oatif/Juaymah terminal	Saudi Aramco	3 x 24	46, 48, 48
Oatif/Ras Tanura terminal	Saudi Aramco	5 x 17	3 x 40, 34, 42
Khobar/Babco Refinery	Saudi Aramco	26	12
Dhahran/Babco Refinery	Saudi Aramco	40	12
Saudi-Kuwaiti Neutral Zone			
Wafra field/Mina Saud	SAC	3 x 31	10, 16, 20
Wafra field/Mina Abdullah	KOC	3 x 33	8/24
United Arab Emirates			
Murban/Jabel Dhanna	ADCO	3 x 71	24, 24, 36
Umm Shaif/Das Island	ADMA	21	36
Lower Zakum/Das Island	ADMA	57	30
Upper Zakum/Zirku Island	ZADCO	40	42
Venezuela			
Western:			
PT Bachaquero/Puerto Miranda	PDVSA	2 x 66	30
T Puerto Miranda/T Cardon	PDVSA	141	30
T Pta de Palmas/Puerto Miranda	PDVSA	42	24
PT Ulé (línea 1 & 2)/T Amuay	PDVSA	2 x 143	26
PT Lagunillas	PDVSA	26	34
Eastern:			
PT Travieso/Puerto La Cruz	PDVSA	2 x 97, 1 x 62	16, 26, 30
PT Oficina/Puerto La Cruz	PDVSA	97	30
PT Oficina/PT Anaco	PDVSA	37	16
PT Anaco/Puerto La Cruz	PDVSA	62	16
PT Temblador/T Caripito	PDVSA	88	36
PT Morichal/T Pta Cuchillo	PDVSA	45	24
PT-JUS-2/T Caripito	PDVSA	47	20
PT Las Palmas/Puerto La Cruz	PDVSA	101	16
South:			
PT Silvestre/EI Palito	PDVSA	213	20
EP Mata Larga/PT Silvestre	PDVSA	165	20
Others:			
PT Morichal/PT Oficina	Bitor	92	36
PT Oficina/T Jose	Bitor	68	26/36
PT Zuata/T Jose	Petrozuata	122	36
T Jose/PT Zuata	Petrozuata	122	20
T Jose/PT Cerro Negro	Cerro Negro	211	20
PT Cerro Negro/T Jose	Cerro Negro	211	30/42
Centro Operativo Bare/PT Oficina	Ameriven	33	30, 20

Notes: Figures as at year-end.

Gas pipelines in OPEC Members, 2007

	Owner or operator	Length (miles)	Diameter (inches)
Algeria			
Hassi R'Mel/Arzew	Sonatrach	316	20/24
Hassi R'Mel/Arzew (GZ1-GZ3)	Sonatrach	3 x 315	40, 40, 42
Hassi R'Mel/Skikda	Sonatrach	356	40/42
Hassi R'Mel/Qued Safsaf (Tunisian border)	Sonatrach	341	48
Hassi R'Mel/El Aricha Moroccan 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	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, Sulawati	Pertamina	30	28
IR Iran			
Bid Boland/Qom/Qazvin/Rasht/Astara	NIGC	686	42/40
Asaluyeh/Kangan/Kazeroun/Noorabad/Pataveh	NIGC	277	56
Asaluyeh/Parsiyan/Isfahan/Kooh Namak	NIGC	913	56
Kooh Namak/Tehran	NIGC	2 x 70	30, 36
Kangan/Ghazvin/Tabriz/Bazargan (Igat 2)	NIGC	1,078	56/48/40
Sarakhs/Mashad	NIGC	77, 83	16, 36
Sarakhs/Neka/Rasht	NIGC	732	36/30
Bid Boland/Shiraz	NIGC	171	16
Sarkhun/Bandar Abbas/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
Asaluyeh/Saveh	NIGC	576	56
Saveh/Tehran	NIGC	75, 65	30, 36
Calvand/Tabriz	NIGC	172	30
Tabriz/Meyabdoab	NIGC	95	20
Neizar/Arak/Hamedan	NIGC	290	36/30
Omideh/Mahshahr	NIGC	44	30

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Transportation

Gas pipelines in OPEC Members, 2007

	Owner or operator	Length (miles)	Diameter (inches)
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			
Nasser/Brega	Sirte Oil	108	36
Km 81.5/Brega	Sirte Oil	57	30
Brega/Benghazi	Sirte Oil	160	34
Brega/Khoms	Sirte Oil	400	34
Khoms/Tripoli	Sirte Oil	68	34
Tripoli/Mellitah	Sirte Oil	71	36
Intesar/Sahel/Brega	Sirte Oil	137	30/36
Aafa/Mellitah	ENI Gas	326	32
Bahr Assalam/Mellitah	ENI Gas	68	36
Mellitah/Gela (Italy)	Green Stream	335	32
Intesar/Brega	Zueitina	129	42
Bu Attifel/Intesar (103A)	ENI Oil	83	34
Faregj/Intesar (103A)	Waha Oil	68	24
Waha/Nasser	Waha Oil	68	24
Faregh/Intisar 103 A	Waha Oil	68	24
Jakhira/Intesar	Wintershall	50	20
Nigeria			
Sapele/Ajaokuta	NGC	27	10/18
Escravos/Lagos	NGC	248	20/24/28/36
Oben/Ajaokuta Steel	NGC	122	24
Eriemu/Aladja	NGC	21	16
Rumuji/Bonny	NLNG	54	36
Oben/Sapele	NGC	22	18
Soku/Rumuji	NLNG	26	28
Bomu/Afam	NGC	2 x 6	8, 10
Alakiri/Ikot-Abasi	NGC	69	14/16/24
Qatar			
Ras Laffan/Abu Dhabi (UAE)	Dolphin Energy	230	48
Umm Said/Fahahil reinject compression	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
Dukhan/Messaied	QGPC	60	24/16/20

Gas pipelines in OPEC Members, 2007

	Owner or operator	Length (miles)	Diameter (inches)
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
Santa Barbara/Pigap	PDVSA	2 x 106	36, 36
Santa Barbara/Soto	PDVSA	106	36
Orillas Iago/Amuay refinery	PDVSA	2 x 144	16, 20
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

Notes: Figures as at year-end.

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Transportation

Refined product pipelines in OPEC Members, 2007

	Owner or operator	Length (miles)	Diameter (inches)
Algeria			
Pipelines for LPG and condensates:			
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
Ecuador			
Esmeraldas/Santo Domingo	Petrocomercial	101	16
Santo Domingo/Beaterio (Quito)	Petrocomercial	54	12
Santo Domingo/Pascuales (Guayaquil)	Petrocomercial	170	10
Libertad/Barbasquillo (Guayaquil)	Petrocomercial	104	6
Libertad/Pascuales (Guayaquil)	Petrocomercial	78	10
Shushufindi/Beaterio (Quito)	Petrocomercial	187	6
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	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	175	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

Refined product pipelines in OPEC Members, 2007

	Owner or operator	Length (miles)	Diameter (inches)
Iraq			
Baghdad/Basrah	INOC	2 x 364	8
Kuwait			
Ahmadi/Subhan	KNPC	2 x 20	8, 12
Ahmadi/Al Zour/Doha	KNPC	52	18/16
Ahmadi/Airport	KNPC	25	8
Shuaiba/Airport	KNPC	22	8
Shuaiba/Local marketing	KNPC	2 x 22	10, 12
SP Libyan AJ			
Zawia/Al-Fatah	Brega Marketing	34	8, 10
Zawia/Zanzur	Brega Marketing	20	8
Zawia/Elwettia	Brega Marketing	60	16
Zawia/Eljmail	Brega Marketing	45	16
Nigeria			
System 2A:			
Warri/Benin/Ore/Mosimi	NNPC/PPMC	219	16/14/12
Benin/Auchi	NNPC/PPMC	104	8
System 2B:			
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
System 2D:			
Kaduna/Kanol/Gusau	NNPC/PPMC	223	10/6
Kaduna/Jos/Gombe-Maiduguri	NNPC/PPMC	452	10/12/6/8
System 2E:			
Port Harcourt/Enugu/Makurdi	NNPC/PPMC	657	20/6/8
Enugu/Auchi	NNPC/PPMC	99	12
Qatar			
Mesaieed/Doha	QP Refinery	27	12
QP refinery/Export berth	QP Refinery	2 x 4	16, 20

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Transportation

Refined product pipelines in OPEC Members, 2007

	Owner or operator	Length (miles)	Diameter (inches)
Saudi Arabia			
Dharan/Riyadh	Saudi Aramco	153	20
Riyadh/Qasim	Saudi Aramco	137	16
Yanbu/Madina	Saudi Aramco	58	14
Ras Tanura/Dhahran	Saudi Aramco	41	20
Abqaiq/Alhasa	Saudi Aramco	25	8
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
Bajo Grande/San Lorenzo	PDVSA	70	12
San Lorenzo/El Vigia	PDVSA	104	12
El Palito/Yagua	PDVSA	29	16
El Palito/Barquisimeto	PDVSA	95	12
San Joaquin/Jose	PDVSA	70	16, 22
Complejo/Puerto La Cruz	PDVSA	41	6/8/12/26
Puerto La Cruz/San Tome	PDVSA	99	16
San Tomé/Maturin	PDVSA	99	8
San Tomé/Puerto Ordaz	PDVSA	124	12
Puerto Ordaz/Ciudad Bolívar	PDVSA	44	8

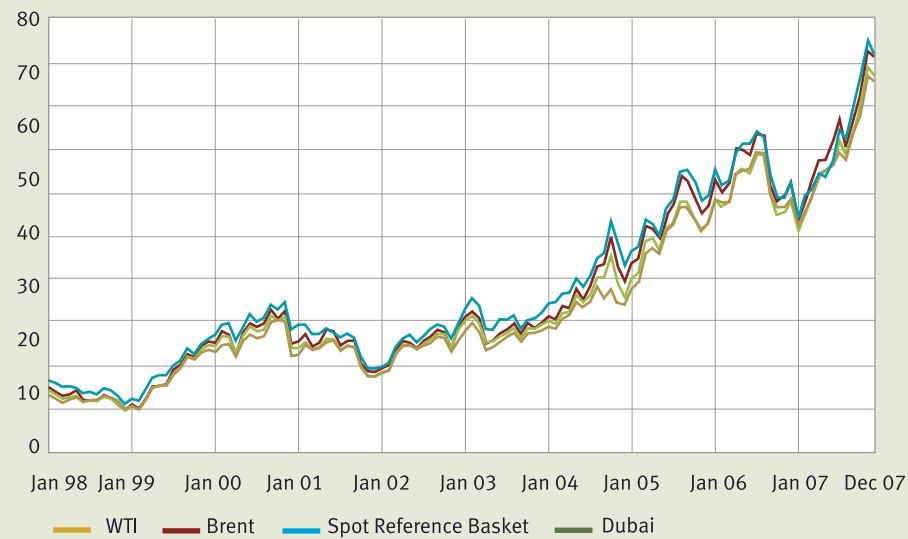
Notes: Figures as at year-end.

Prices



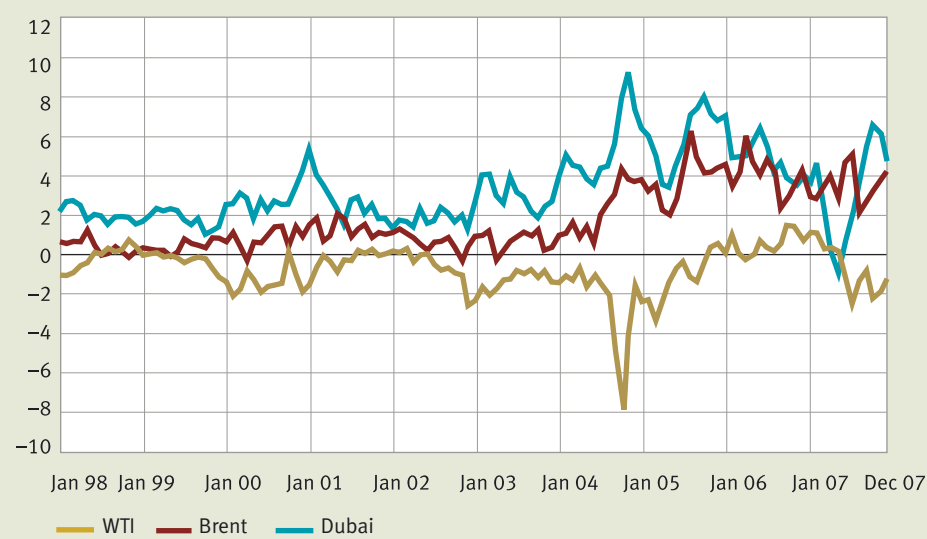
OPEC Reference Basket and other spot crude oil prices

1998-2007 (\$/b)



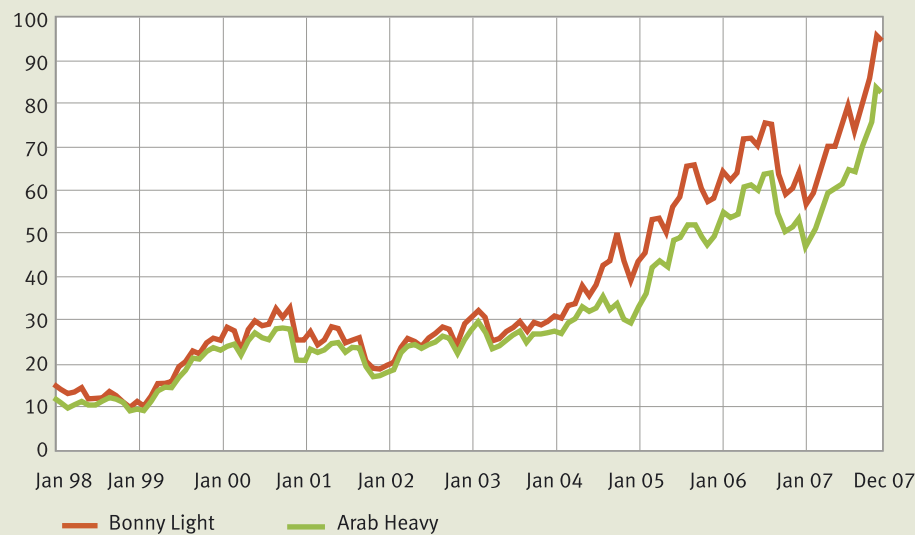
Spot price differences of WTI, Brent and Dubai to OPEC Basket

1998-2007 (\$/b)



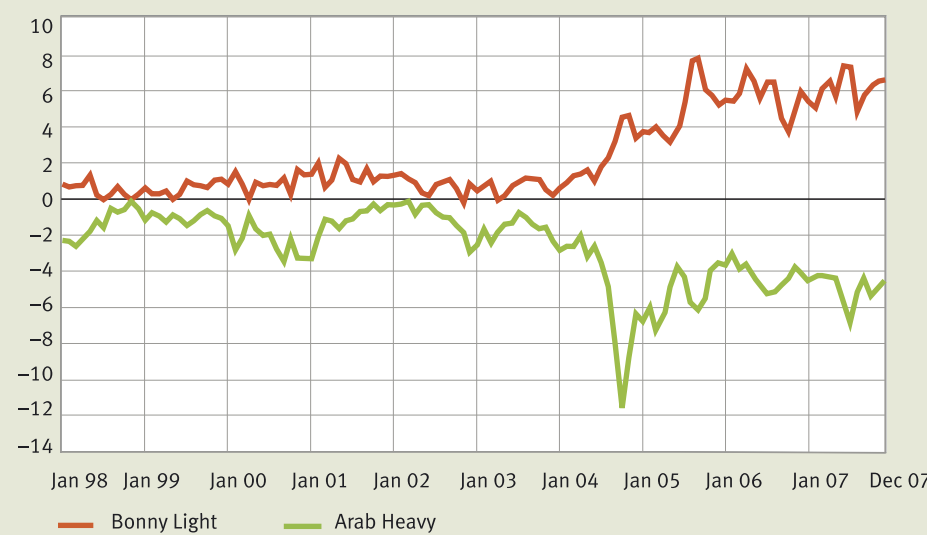
Spot prices of Bonny Light and Arab Heavy

1998-2007 (\$/b)



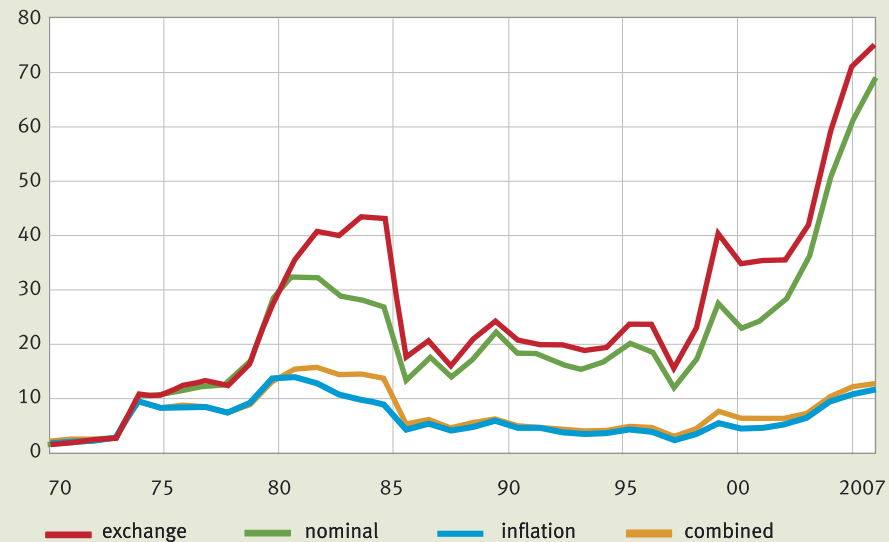
Spot price differences of Bonny Light and Arab Heavy to OPEC Basket

1998-2007 (\$/b)



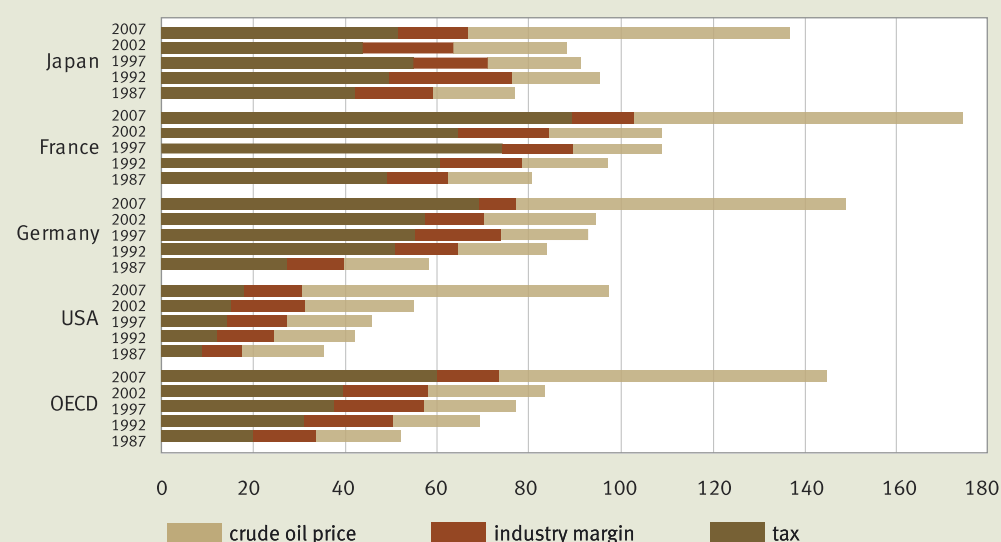
Crude oil prices in nominal and real terms

1970-2007 (\$/b) 1973=100



Composite barrel and its components

1987-2007 (\$/b)



Spot OPEC Reference Basket prices, 1998–2007 (\$/b)

	Algeria Saharan Blend	Angola Girassol	Ecuador Oriente	Indo- nesia Minas	IR Iran Iran Heavy	Iraq Basra Light	Kuwait Kuwait Export	SP Libyan AJ Ess Sider	Nigeria Bonny Light	Qatar Marine	Saudi Arabia Arab Light	UAE Murban	Venezuela BCF-17	OPEC Reference Basket
1998	13.02	na	11.17	12.31	11.45	10.77	11.26	12.90	12.77	12.23	12.20	12.67	na	12.28
1999	18.12	na	16.95	17.84	16.93	16.28	16.75	18.04	18.07	17.38	17.45	17.89	na	17.48
2000	28.77	na	27.37	28.75	26.02	24.92	25.78	28.62	28.49	26.63	26.81	27.75	na	27.60
2001	24.74	na	21.78	24.11	21.67	20.00	21.37	24.70	24.50	23.23	23.06	24.02	na	23.12
2002	24.91	31.02	21.95	25.60	23.09	23.32	23.61	24.55	25.15	23.99	24.32	24.87	na	24.36
2003	28.73	28.33	25.42	29.52	26.34	26.60	26.89	28.21	28.77	27.05	27.69	28.25	na	28.10
2004	38.35	35.77	30.31	36.85	33.06	34.60	34.08	36.58	38.27	34.04	34.53	36.65	na	36.05
2005	54.64	51.33	43.43	54.01	47.99	48.33	48.66	52.62	55.67	50.49	50.21	54.09	40.53	50.64
2006	66.05	63.06	53.93	65.23	59.27	57.97	58.88	63.35	66.84	62.64	61.10	66.06	52.01	61.08
2007	74.66	70.88	61.55	73.56	67.06	66.40	66.35	71.41	75.14	69.30	68.75	72.87	61.80	69.08
2005														
Jan	44.39	40.39	30.86	42.55	37.51	38.58	38.55	41.75	44.01	38.44	38.26	42.08	–	40.24
Feb	45.44	41.29	34.60	44.56	38.49	40.01	40.09	41.96	45.43	40.12	40.10	43.53	–	41.68
Mar	52.59	49.06	42.26	54.30	46.50	46.21	46.42	49.71	53.15	46.53	46.85	49.90	32.86	49.07
Apr	51.98	47.69	41.61	55.96	46.06	45.74	47.89	49.67	53.18	48.23	48.68	52.35	32.73	49.63
May	48.69	45.74	38.77	50.34	43.25	44.57	46.36	47.90	50.23	46.66	47.09	51.03	32.39	46.96
Jun	54.41	52.01	45.64	55.01	49.60	50.59	51.15	53.16	55.93	52.27	52.47	55.16	37.48	52.04
Jul	57.30	54.72	49.14	56.18	51.07	52.24	51.31	55.71	58.40	53.57	53.46	57.05	44.07	53.13
Aug	63.67	62.03	54.55	61.07	55.69	57.10	55.18	60.27	65.49	57.49	58.24	61.78	46.15	57.82
Sep	63.30	59.20	53.02	60.27	55.10	55.68	54.60	60.39	65.60	58.37	57.63	62.69	50.79	57.88
Oct	59.48	56.01	46.37	58.62	51.73	51.39	51.76	58.25	60.74	55.80	54.65	59.30	47.51	54.63
Nov	56.15	53.45	41.49	53.87	49.28	48.07	49.19	54.92	57.18	53.17	51.55	56.13	41.33	51.29
Dec	57.65	53.69	42.08	54.43	50.88	49.15	50.83	57.14	57.91	54.72	52.84	57.47	42.34	52.65
2006														
Jan	64.06	60.27	50.82	63.35	57.10	55.59	56.52	61.77	64.04	59.85	58.43	62.72	47.90	58.48
Feb	61.59	58.50	48.11	61.35	55.43	52.32	55.01	59.12	62.12	59.06	56.56	61.77	45.90	56.62
Mar	62.98	60.73	50.43	62.30	56.56	54.01	55.80	60.22	63.80	59.39	57.54	62.33	49.52	57.87
Apr	70.21	68.56	58.62	69.17	63.09	61.18	62.20	67.03	71.80	65.62	63.85	68.46	56.01	64.44
May	70.31	68.38	60.80	70.47	63.27	62.32	62.80	67.25	71.75	66.29	64.83	69.84	56.62	65.11
Jun	69.15	66.75	60.70	68.49	62.24	62.38	62.37	66.62	70.22	66.16	65.03	69.66	55.01	64.60
Jul	74.37	70.28	62.43	74.13	66.59	66.49	66.35	71.42	75.49	70.21	69.06	73.70	58.72	68.89
Aug	74.50	70.22	60.63	75.42	66.42	65.42	66.02	70.72	75.29	70.05	68.76	73.66	60.29	68.81
Sep	63.27	60.31	51.28	63.32	57.14	56.40	56.75	61.54	63.87	60.90	59.72	65.01	50.96	59.34
Oct	58.55	56.41	45.66	54.87	53.27	51.53	53.02	56.20	58.75	57.15	55.65	61.04	46.99	54.97
Nov	59.77	56.53	46.37	56.93	53.97	52.31	53.56	57.32	60.32	57.33	55.53	60.94	46.86	55.42
Dec	63.55	59.76	50.69	62.55	55.75	55.23	55.69	60.73	64.28	59.25	57.70	63.12	48.56	57.95
2007														
Jan	55.78	51.99	44.59	55.39	47.91	47.63	48.42	52.08	56.18	52.58	50.86	56.42	42.68	50.79
Feb	59.58	56.66	49.97	58.44	51.87	51.19	52.33	55.83	59.58	55.86	54.29	59.58	48.04	54.56
Mar	64.30	60.77	52.88	62.83	56.39	55.99	56.22	60.60	64.60	59.39	58.08	63.19	50.27	58.59
Apr	69.71	66.44	55.58	68.74	61.41	59.74	61.07	66.06	70.01	64.79	62.83	68.39	54.93	63.55
May	70.13	66.52	55.58	68.12	62.72	61.79	62.06	66.03	70.03	65.34	64.15	69.21	56.06	64.48
Jun	74.05	69.00	59.81	68.41	64.77	64.09	63.61	70.25	74.45	66.15	65.92	70.74	60.68	66.89
Jul	78.21	74.42	65.36	76.88	69.65	70.53	67.73	75.81	79.21	70.20	71.05	74.40	65.79	71.89
Aug	73.44	69.81	59.29	73.67	66.60	66.83	65.91	69.84	73.34	69.43	68.76	71.80	62.78	68.71
Sep	78.60	75.48	65.90	76.98	72.63	72.14	71.94	76.07	79.87	73.78	74.28	77.16	66.35	74.18
Oct	84.45	80.23	71.77	84.96	77.30	77.47	76.33	81.80	85.60	78.68	79.31	81.98	72.20	79.32
Nov	94.57	90.21	80.01	93.64	87.17	86.26	86.23	91.92	95.32	87.94	89.02	90.95	81.87	88.84
Dec	93.15	88.98	78.40	94.53	86.31	82.79	84.37	90.75	93.55	87.54	86.29	90.72	79.79	87.05

Notes: OPEC Reference Basket: Up to May 2005, ORB was calculated according to the old methodology. As of June 16, 2005, the new Basket methodology was implemented (for details, please refer to OPEC Basket under 'General Notes'). Basrah Light: up to 2001, delivery ex-Yanbu. As of 2002, quotations for US market and as of June 16, 2005, Market Weighted Average. Up to 2005, prices are averages of weekly fob quotations. As of 2006, based on daily quotations.

Table 72

P r i c e s

Spot crude oil prices, 1998–2007 (\$/b)

	Algeria Zarzaitine	Indonesia Attaka	IR Iran Iran Light	SP Libyan AJ Brega	Nigeria Forcados	Qatar Dukhan	Saudi Arabia Arab Heavy	UAE Dubai	Venezuela TJL
1998	12.96	13.42	11.97	12.90	12.62	12.55	10.90	12.15	11.44
1999	18.15	18.34	17.25	18.08	17.93	17.65	16.44	17.24	16.31
2000	28.82	29.45	26.75	28.65	28.40	26.95	25.25	26.25	26.31
2001	24.86	26.45	22.90	24.70	24.24	23.74	21.90	22.83	20.35
2002	25.06	25.38	23.52	24.96	25.05	24.37	23.38	23.83	22.61
2003	28.99	29.58	26.89	28.89	28.65	27.44	26.43	26.77	26.97
2004	38.53	40.87	34.60	38.35	38.10	36.05	31.14	33.66	33.66
2005	54.87	57.26	50.66	54.22	55.60	53.46	45.28	49.36	46.37
2006	66.31	67.91	61.07	65.04	67.07	65.39	56.82	61.54	55.07
2007	74.16	75.44	69.30	72.93	74.49	72.33	64.18	68.38	65.65
2005									
Jan	44.59	45.81	39.87	43.61	43.82	41.51	33.41	37.78	35.75
Feb	45.64	49.06	40.56	44.97	45.27	42.93	35.62	39.35	36.77
Mar	52.88	55.19	48.50	52.11	53.00	49.10	41.81	45.60	43.50
Apr	52.17	57.26	48.42	51.67	53.05	51.77	43.33	47.24	43.27
May	49.12	51.03	45.53	48.36	50.06	49.81	42.21	45.68	41.67
Jun	54.64	56.12	52.37	54.03	55.84	54.27	48.34	51.37	48.19
Jul	57.53	59.56	53.86	56.77	58.29	56.26	48.83	52.78	49.10
Aug	63.89	66.22	60.41	63.72	65.38	60.73	52.02	56.55	54.22
Sep	63.58	67.19	58.74	62.57	65.60	61.91	51.57	56.41	53.87
Oct	59.66	62.69	54.38	58.75	60.69	59.05	49.03	54.20	51.48
Nov	56.26	57.49	51.31	56.01	57.29	56.01	47.40	51.63	48.77
Dec	57.85	59.32	53.20	57.12	58.04	57.27	49.16	53.22	49.24
2006									
Jan	64.28	65.75	58.99	63.25	64.16	62.34	54.91	58.56	54.27
Feb	61.74	62.83	57.00	60.42	62.17	61.55	53.52	57.61	50.97
Mar	63.14	65.71	58.77	62.18	63.83	61.75	54.08	57.82	52.32
Apr	70.48	74.01	65.14	70.45	71.80	68.10	60.74	64.14	58.77
May	70.34	74.07	64.67	69.63	71.74	69.19	60.88	65.07	58.66
Jun	69.17	71.94	64.30	68.39	70.22	68.99	59.84	65.22	56.98
Jul	74.56	77.18	68.81	73.26	75.49	73.09	63.74	69.17	60.93
Aug	74.69	77.00	68.49	72.81	75.29	73.01	63.57	68.92	60.99
Sep	63.47	66.97	58.56	61.51	63.87	64.19	54.56	59.82	52.35
Oct	59.60	59.32	55.42	57.50	60.53	59.94	50.49	56.36	48.05
Nov	60.44	57.95	55.39	58.62	61.15	60.14	51.54	56.72	51.63
Dec	63.63	61.99	56.98	62.23	64.38	61.98	53.72	58.69	54.89
2007									
Jan	55.84	54.71	49.12	53.78	56.20	55.41	46.15	51.92	47.83
Feb	59.75	60.53	53.64	57.53	60.12	59.13	50.21	55.61	51.82
Mar	63.81	63.56	57.92	62.30	64.07	62.55	54.40	58.80	54.92
Apr	69.44	70.21	63.87	67.71	69.88	68.02	59.16	63.97	58.60
May	69.45	72.55	64.05	67.73	70.00	68.60	60.07	64.59	58.54
Jun	72.03	74.28	67.99	71.90	72.51	69.43	61.44	65.79	63.31
Jul	78.44	78.81	73.70	77.36	78.47	73.50	64.99	69.49	68.98
Aug	72.90	75.55	69.34	71.29	73.73	72.72	63.55	67.36	64.93
Sep	78.63	79.33	74.88	77.42	79.10	76.90	69.86	73.36	70.69
Oct	84.00	85.56	79.74	83.10	84.03	81.92	73.99	77.12	76.90
Nov	94.25	96.22	89.92	93.22	94.20	90.75	83.96	86.96	86.55
Dec	92.95	94.93	89.12	91.85	93.11	89.97	82.51	85.79	84.73

Notes: Up to 2005, prices are averages of weekly fob quotations. As of 2006, based on daily quotations.

Spot crude oil prices, 1998–2007 (\$/b)

	Angola Cabinda	Gabon Mandji	Oman Oman	Egypt Suez Blend	Brent	UK Forties	Ekofisk	Norway Oseberg	Mexico Isthmus
1998	11.73	10.65	12.06	10.42	12.71	12.79	12.71	12.74	12.08
1999	17.34	16.53	17.27	16.19	17.91	18.02	17.93	18.05	17.29
2000	27.22	26.15	26.50	25.16	28.44	28.61	28.42	28.67	27.80
2001	22.83	21.62	22.75	21.09	24.46	24.60	24.39	24.54	22.22
2002	24.27	22.41	23.94	22.45	25.03	24.98	24.88	25.02	24.12
2003	28.01	26.38	27.14	25.76	28.81	28.94	28.89	28.97	28.25
2004	35.54	35.80	34.35	32.19	38.23	38.85	38.18	38.33	37.01
2005	51.20	51.94	50.48	47.71	54.44	55.06	54.48	54.84	50.35
2006	62.07	na	62.59	58.74	65.16	65.85	65.30	65.95	59.87
2007	69.65	na	68.86	66.78	72.55	72.46	73.20	73.87	67.58
2005									
Jan	39.66	41.58	39.04	36.37	44.01	44.68	43.92	44.07	38.89
Feb	41.43	42.44	40.54	36.98	44.87	45.34	44.70	44.93	40.08
Mar	49.25	50.17	46.95	44.58	52.60	53.34	52.34	52.65	47.52
Apr	48.55	49.44	48.22	44.81	51.87	52.53	51.68	52.17	47.13
May	46.49	46.47	46.70	43.11	48.90	49.30	48.85	49.17	45.05
Jun	52.80	51.60	52.20	48.88	54.73	55.14	55.03	55.16	51.48
Jul	53.44	55.04	53.42	51.64	57.47	57.71	57.59	57.74	53.85
Aug	60.62	61.63	57.46	56.01	64.06	64.55	63.92	64.23	59.66
Sep	59.10	60.32	58.24	55.91	62.75	63.24	62.55	63.16	59.92
Oct	55.28	56.32	55.52	52.83	58.75	59.69	59.22	59.74	55.64
Nov	52.94	52.80	52.78	49.29	55.41	56.32	55.76	56.28	51.57
Dec	53.76	54.59	54.21	51.59	57.02	58.10	57.54	58.01	52.77
2006									
Jan	60.13	na	59.35	56.92	63.05	63.95	63.34	63.99	58.54
Feb	58.32	na	58.61	54.54	60.12	60.85	60.36	60.86	53.87
Mar	60.42	na	59.19	55.54	62.08	62.73	62.53	63.03	56.85
Apr	68.34	na	65.54	62.43	70.35	70.45	70.32	70.72	64.51
May	67.61	na	66.39	62.46	69.83	70.18	69.88	70.41	64.82
Jun	65.92	na	66.17	61.95	68.69	69.08	68.45	69.12	63.88
Jul	69.35	na	70.22	66.51	73.66	74.59	73.74	74.25	68.30
Aug	68.79	na	70.12	65.78	73.11	74.22	73.09	73.98	67.47
Sep	58.25	na	61.01	56.96	61.71	63.04	62.24	63.19	57.18
Oct	54.50	na	57.32	52.91	57.80	58.76	58.17	58.92	52.46
Nov	54.98	na	57.37	53.60	58.92	59.58	59.15	59.84	53.34
Dec	58.28	na	59.35	55.05	62.33	62.61	62.17	63.00	56.82
2007									
Jan	50.65	na	52.38	47.19	53.68	54.40	53.93	54.65	48.90
Feb	55.73	na	55.82	51.38	57.43	57.44	58.41	59.14	53.48
Mar	59.83	na	59.19	56.16	62.15	62.15	62.84	63.58	56.79
Apr	65.26	na	64.45	61.27	67.51	67.52	67.73	68.50	60.60
May	65.35	na	65.04	61.34	67.38	67.24	68.36	69.52	60.60
Jun	68.47	na	66.08	65.42	71.55	71.58	72.09	72.59	65.40
Jul	73.74	na	70.09	71.44	77.01	77.01	77.76	78.22	71.11
Aug	69.08	na	68.34	66.94	70.74	70.74	72.00	72.29	66.60
Sep	74.88	na	73.56	71.41	76.87	76.87	78.08	78.73	72.65
Oct	78.93	na	77.55	76.90	82.50	82.54	83.38	84.08	78.79
Nov	88.44	na	87.16	87.60	92.62	92.62	93.24	93.88	88.59
Dec	87.01	na	86.82	85.80	91.25	90.98	92.12	92.89	87.53

Notes: As of April 1988, Brent refers to dated price. Up to 2005, prices are averages of weekly fob quotations. As of 2006, based on daily quotations.

Table 72

P r i c e s

Spot crude oil prices, 1998–2007 (\$/b)

	Mexico	China	Malaysia		Australia	Colombia	United States		Russia
	Maya	Daqing	Tapis	Miri	Gippsland	Cano Limon	WTI	ANS	Urals
1998	8.72	12.34	13.80	13.82	13.33	12.69	14.36	12.50	11.79
1999	14.52	17.76	18.89	18.86	18.50	17.95	19.30	17.77	17.24
2000	22.87	28.74	29.74	29.39	29.41	28.57	30.37	28.40	26.58
2001	17.31	24.78	25.44	na	25.22	22.82	26.00	23.35	22.97
2002	20.93	25.45	25.69	25.65	25.47	23.55	26.13	24.76	23.80
2003	24.23	29.52	30.08	30.07	29.85	27.78	31.09	29.61	27.02
2004	30.00	36.72	41.14	41.21	40.58	35.53	41.44	38.89	34.47
2005	40.94	52.65	57.94	58.33	56.18	51.31	56.51	53.42	50.79
2006	51.25	63.33	70.04	70.30	67.92	62.72	66.04	na	61.37
2007	59.83	71.30	77.87	77.76	75.55	69.67	72.29	na	69.55
2005									
Jan	29.90	41.52	46.04	46.36	45.33	40.81	46.64	40.52	40.10
Feb	30.85	43.11	49.32	49.71	48.34	42.32	47.69	42.91	40.33
Mar	36.51	53.12	56.94	57.26	55.62	49.26	54.09	50.27	47.92
Apr	38.43	54.91	57.80	58.20	56.43	48.41	53.09	49.95	47.89
May	38.93	49.61	51.16	51.56	49.75	45.51	50.25	47.16	46.27
Jun	43.05	53.20	56.22	56.62	54.25	51.94	56.60	53.91	51.87
Jul	44.25	54.14	59.60	60.00	57.24	54.65	58.66	56.54	54.95
Aug	48.22	58.46	67.13	67.53	64.25	60.18	64.96	62.40	58.64
Sep	50.17	58.97	67.50	67.90	65.16	60.02	65.28	63.21	58.23
Oct	46.80	57.26	62.31	62.71	60.74	55.91	62.67	60.74	55.80
Nov	41.41	52.92	58.66	59.06	56.98	52.45	58.42	56.36	52.38
Dec	42.37	53.65	62.14	62.54	59.56	53.77	59.36	57.11	54.63
2006									
Jan	47.94	61.95	69.40	69.60	66.86	61.07	65.39	na	59.58
Feb	46.06	60.00	66.74	67.14	64.74	57.77	61.49	na	57.06
Mar	49.01	60.79	66.79	67.23	65.00	59.08	62.82	na	58.11
Apr	55.44	67.64	74.21	74.61	72.84	66.15	69.46	na	64.95
May	55.24	68.72	74.22	74.47	71.95	67.04	70.89	na	65.09
Jun	53.46	66.92	73.12	73.52	71.02	66.92	70.88	na	64.51
Jul	58.01	71.89	78.16	78.56	75.78	70.23	74.33	na	69.20
Aug	58.83	72.32	78.69	78.93	76.14	70.72	73.01	na	68.49
Sep	49.67	61.32	69.03	69.41	66.25	61.67	64.00	na	59.47
Oct	46.41	54.00	62.60	62.80	60.09	56.77	58.82	na	55.68
Nov	46.39	54.45	61.72	61.79	60.32	56.33	58.94	na	55.95
Dec	47.91	59.95	65.54	65.59	64.11	58.22	61.96	na	57.95
2007									
Jan	41.51	52.92	59.14	58.93	57.56	50.74	54.40	na	50.13
Feb	46.31	57.06	63.91	64.09	62.77	57.17	59.21	na	53.82
Mar	48.28	61.02	67.87	67.87	66.63	60.16	60.63	na	58.81
Apr	52.74	67.32	74.74	74.74	72.86	63.69	63.85	na	63.92
May	54.31	66.71	75.13	75.13	73.62	63.05	63.46	na	64.29
Jun	58.88	66.94	75.18	75.18	73.86	67.58	67.44	na	67.83
Jul	63.64	75.39	79.64	79.64	77.59	73.07	73.98	na	73.90
Aug	60.53	72.50	76.33	76.32	74.55	69.61	72.37	na	69.25
Sep	65.04	75.10	82.16	82.16	79.65	75.90	79.69	na	73.78
Oct	70.59	81.12	87.24	87.24	83.11	81.36	85.87	na	79.52
Nov	79.21	89.68	97.33	97.20	92.97	88.01	94.91	na	90.24
Dec	77.19	90.88	95.94	95.72	92.55	85.88	91.69	na	89.02

Notes: Up to 2005, prices are averages of weekly fob quotations. As of 2006, prices are based on daily quotations. Alaska North Slope (ANS) delivery to US Gulf and Urals delivery to Mediterranean.

Crude oil prices in nominal and real terms, 1970–2007 (\$/b)

	Nominal oil price ¹	Exchange rates ²	Nominal price adjusted for:	
			Inflation ³	Combined ⁴
1970	1.67	1.99	2.03	2.41
1971	2.03	2.37	2.32	2.71
1972	2.29	2.49	2.49	2.70
1973	3.05	3.05	3.05	3.05
1974	10.73	11.04	9.40	9.67
1975	10.73	10.81	8.36	8.42
1976	11.51	12.58	8.16	8.92
1977	12.39	13.45	7.98	8.66
1978	12.70	12.65	7.59	7.56
1979	17.25	16.51	9.40	9.00
1980	28.64	27.39	13.81	13.21
1981	32.51	36.24	13.97	15.57
1982	32.38	40.75	12.73	16.01
1983	29.04	40.19	10.64	14.73
1984	28.20	43.39	9.68	14.89
1985	27.01	43.32	8.75	14.04
1986	13.53	17.71	4.24	5.54
1987	17.73	20.68	5.39	6.29
1988	14.24	16.22	4.17	4.75
1989	17.31	20.83	4.82	5.79
1990	22.26	24.31	5.84	6.38
1991	18.62	20.70	4.67	5.19
1992	18.44	20.02	4.43	4.81
1993	16.33	19.82	3.79	4.61
1994	15.53	18.79	3.50	4.24
1995	16.86	19.42	3.68	4.24
1996	20.29	23.59	4.31	5.01
1997	18.68	23.51	3.89	4.89
1998	12.28	15.72	2.51	3.21
1999	17.48	22.94	3.52	4.62
2000	27.60	40.33	5.42	7.93
2001	23.12	34.89	4.44	6.69
2002	24.36	35.32	4.58	6.65
2003	28.10	35.49	5.17	6.53
2004	36.05	42.04	6.49	7.57
2005	50.64	59.09	8.91	10.39
2006	61.08	70.98	10.49	12.19
2007	69.08	75.21	11.59	12.62

Notes: Base: 1973 = 100.

1. Up to October 1974: 93 per cent of the posted prices of Arab Light (fob Ras Tanura). November 1974 to December 1981: official prices of Arab Light (fob Ras Tanura). As of 1982, OPEC Reference Basket price (*nb*, as of June 16, 2005, the new Basket methodology came into effect — see section on Definitions).

2. Based on weighted average index of currency exchange rates in the modified Geneva I Agreement (see section on Definitions).

3. Based on weighted average consumer price indices of modified Geneva I countries and USA.

4. Based on combined indices of exchange rates and inflation.

Table 74

P r i c e s

Spot refined products prices in major markets, 1998–2007 (\$/b)

		US Gulf			Singapore			Rotterdam		
		gasoline	gasoil	fuel oil	gasoline	gasoil ¹	fuel oil	gasoline ²	gasoil ¹	fuel oil
		reg unl 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
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
2005		67.25	70.71	36.42	62.10	68.66	38.38	62.58	70.91	34.59
2006		77.61	76.01	45.56	73.13	82.09	46.37	72.90	80.06	43.36
2007		86.42	84.45	53.08	82.87	88.55	55.49	92.03	88.62	51.30
2005	Jan	52.58	53.93	26.79	47.57	52.21	26.61	47.84	55.54	23.54
	Feb	52.11	55.91	27.24	54.27	56.72	29.28	49.96	58.33	25.48
	Mar	62.64	64.52	30.59	59.47	68.34	33.61	56.03	69.30	30.09
	Apr	65.03	65.62	34.74	61.50	69.39	37.75	61.36	70.38	34.53
	May	59.41	61.64	36.96	54.46	63.83	37.18	56.26	64.51	33.79
	Jun	64.21	69.49	37.41	59.65	72.42	38.11	62.17	73.02	34.86
	Jul	67.54	69.66	37.73	64.70	72.48	38.76	68.33	74.60	36.71
	Aug	81.71	77.41	39.58	73.19	74.92	41.35	75.64	80.15	39.25
	Sep	98.68	91.41	43.86	79.40	80.77	46.68	82.82	83.28	41.86
	Oct	76.01	95.20	42.64	69.10	77.28	45.78	69.44	81.54	39.98
	Nov	61.02	71.14	38.42	60.87	66.50	42.91	60.02	71.05	37.50
	Dec	66.03	72.57	41.12	61.01	69.10	42.48	61.04	69.25	37.54
2006	Jan	72.01	73.35	46.01	66.78	77.61	45.33	68.13	73.79	42.21
	Feb	64.89	69.14	46.67	65.02	79.36	47.95	62.65	72.76	44.03
	Mar	77.58	74.56	46.69	69.64	82.11	48.89	68.23	77.42	44.02
	Apr	93.27	83.31	50.74	81.13	90.68	51.32	81.15	84.69	47.67
	May	88.16	83.08	49.93	86.80	92.78	51.32	83.69	86.03	48.13
	Jun	90.60	80.78	46.41	82.76	89.13	48.46	85.38	86.13	44.60
	Jul	96.83	81.98	49.55	85.50	88.17	50.72	91.26	87.80	46.79
	Aug	85.62	84.70	49.59	81.22	88.19	47.61	83.09	89.75	46.41
	Sep	65.63	72.04	41.79	65.86	77.75	42.24	64.80	77.31	40.67
	Oct	63.59	69.48	40.26	61.83	73.12	42.40	59.92	74.92	39.25
	Nov	65.84	69.42	39.60	62.89	72.04	39.84	61.52	74.53	38.70
	Dec	67.33	70.30	39.43	68.16	74.14	40.34	64.93	75.60	37.82
2007	Jan	59.14	63.19	36.41	61.59	69.71	40.24	65.11	67.79	33.81
	Feb	68.21	69.20	40.24	66.80	72.22	43.70	71.76	72.51	37.99
	Mar	79.13	72.00	40.59	76.62	75.94	45.48	82.57	76.23	40.35
	Apr	91.98	77.02	46.53	83.49	83.18	50.87	93.90	81.65	46.46
	May	98.49	80.19	50.33	88.77	84.47	50.82	100.00	81.72	47.33
	Jun	92.02	82.95	52.21	84.79	85.67	53.03	97.59	85.50	48.83
	Jul	90.77	85.87	55.66	85.35	89.57	57.39	96.78	89.12	54.01
	Aug	84.28	82.62	53.99	77.15	86.33	55.71	90.16	86.40	52.23
	Sep	88.95	91.05	57.01	82.51	93.78	58.15	94.47	94.83	55.65
	Oct	89.41	95.38	63.68	88.71	98.11	65.67	97.25	99.44	62.26
	Nov	99.30	107.97	72.17	100.29	112.26	73.95	109.03	118.34	70.61
	Dec	95.37	105.93	68.13	98.38	111.33	70.89	105.68	109.94	66.06

Notes: US Gulf and Singapore prices apply to cargo; Rotterdam prices apply 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.

1. From 2005, gasoil with 0.05 per cent sulphur.

2. From 2005, unleaded 95 RON.

Retail prices of refined products in OPEC Members, 2003–2007 (*units of national currency/b*)

	2003	2004	2005	2006	2007
Algeria					
Gasoline	3,371	3,371	2,210	2,098	2,210
Diesel oil	1,868	1,868	1,370	1,315	1,370
Kerosene	182	182	182	183	na
Fuel oil	156	157	157	157	170
Angola					
Gasoline	5,388	5,388	5,388	6,390	6,390
Diesel oil	4,006	4,006	4,006	4,601	4,601
Kerosene	na	na	na	na	na
Fuel oil	na	na	na	na	na
Ecuador					
Gasoline	74.8	74.8	74.8	74.8	73.1
Diesel oil	42.8	42.8	42.8	44.0	43.6
Kerosene	53.3	53.3	53.3	53.3	53.3
Fuel oil	59.0	59.0	59.0	59.0	59.0
Indonesia					
Gasoline	287,790	381,600	715,500	778,892	715,500
Diesel oil	262,350	349,800	683,700	683,700	683,700
Kerosene	256,200	328,700	318,000	318,000	318,000
Fuel oil	248,040	318,340	286,506	191,003	191,003
IR Iran					
Gasoline	102,701	102,701	127,200	159,000	na
Diesel oil	23,370	23,370	26,235	30,170	na
Kerosene	21,303	21,303	26,235	28,859	na
Fuel oil	13,354	13,354	8,252	8,256	na
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	10.3	10.3	11.3	11.3	11.3
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	n.a.
SP Libyan AJ					
Gasoline	18.3	18.3	23.9	23.9	25.4
Diesel oil	19.1	19.1	19.1	22.3	23.9
Kerosene	11.1	11.1	11.1	12.7	12.7
Fuel oil	3.5	3.5	3.5	3.5	3.5
Nigeria					
Gasoline	4,134	6,758	10,334	10,334	na
Diesel oil	4,134	6,599	13,747	13,747	na
Kerosene	3,816	6,599	8,337	8,338	na
Fuel oil	1,908	3,339	4,038	4,038	na
Qatar					
Gasoline	107.3	219.4	238.5	119.25	119.25
Diesel oil	95.4	131.7	143.1	143.1	143.1
Kerosene	63.6	63.6	63.6	63.6	na
Fuel oil	na	na	na	na	na
Saudi Arabia					
Gasoline	143.1	143.1	143.1	95.4	83.5
Diesel oil	58.8	58.8	58.8	39.8	39.8
Kerosene	68.5	68.5	68.5	68.5	69.2
Fuel oil	23.9	23.9	23.9	23.9	na
United Arab Emirates					
Gasoline	165.2	172.5	218.6	218.6	218.6
Diesel oil	136.7	136.7	209.8	314.7	300.7
Kerosene	120.6	122.4	182.2	287.1	na
Fuel oil	89.6	95.4	95.4	95.4	na
Venezuela					
Gasoline	17,877	17,877	12,549	14,687	13,277
Diesel oil	10,277	10,277	7,633	8,933	9,063
Kerosene	121,970	121,228	90,193	105,562	173,830
Fuel oil	2,881	2,881	2,881	3,372	9,618

Notes: Partly estimated and preliminary. Some quotations were converted from US-dollars to national currency.

Table 76

P r i c e s

Composite barrel and its components in major consuming countries, 2003–2007 (\$/b)

	2003	2004	2005	2006	2007
United States					
Composite barrel	55.6	65.2	74.8	91.4	97.1
Crude cif price	27.7	35.9	44.8	59.0	66.6
Tax	14.3	15.4	15.7	17.8	18.0
Industry margin	13.7	14.0	14.3	14.7	12.5
Canada					
Composite barrel	66.2	74.2	91.3	108.2	113.9
Crude cif price	29.5	38.1	52.4	64.0	70.8
Tax	20.7	20.9	22.8	26.9	27.7
Industry margin	16.0	15.2	16.1	17.3	15.4
Japan					
Composite barrel	88.2	95.3	114.0	126.5	128.5
Crude cif price	29.3	36.6	51.6	64.2	69.8
Tax	34.6	35.0	40.3	42.8	43.2
Industry margin	24.3	23.7	22.1	19.5	15.5
France					
Composite barrel	112.6	121.9	138.6	165.9	174.4
Crude cif price	28.9	37.6	52.7	63.7	72.0
Tax	66.1	69.4	70.4	87.5	89.4
Industry margin	17.6	15.0	15.5	14.7	13.0
Germany					
Composite barrel	97.4	107.1	122.1	141.7	148.8
Crude cif price	28.4	36.7	52.3	63.2	71.6
Tax	60.5	60.7	61.5	68.6	69.6
Industry margin	8.5	9.8	8.3	9.9	7.7
Italy					
Composite barrel	101.8	110.4	123.5	155.0	162.5
Crude cif price	28.6	36.6	51.3	62.6	70.2
Tax	64.8	65.0	65.6	84.7	85.5
Industry margin	8.4	8.7	6.5	7.6	6.8
United Kingdom					
Composite barrel	147.7	157.4	190.0	236.0	247.6
Crude cif price	29.1	37.8	53.8	64.7	73.3
Tax	94.9	95.4	112.9	147.0	151.0
Industry margin	23.6	24.2	23.3	24.3	23.3
G7					
Composite barrel	95.6	104.5	122.0	146.4	153.3
Crude cif price	28.8	37.0	51.3	63.1	70.6
Tax	50.8	51.7	55.6	67.9	69.2
Industry margin	16.0	15.8	15.2	15.4	13.5

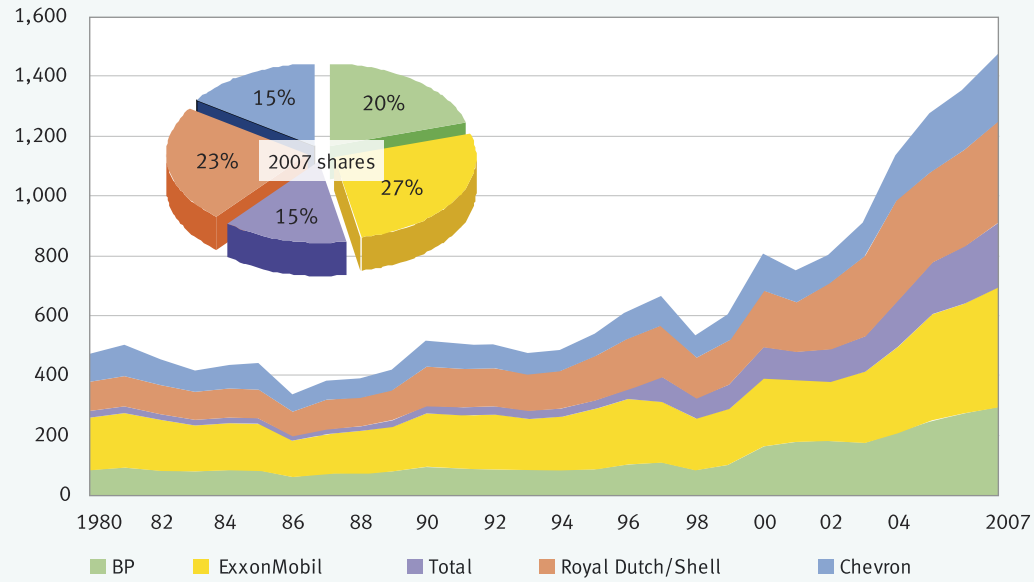
Notes: Totals may not add up due to independent rounding. 'Composite barrel' is a consumption-weighted average of final consumer prices (including taxes) of main groups of refined products. 'Tax' is a consumption-weighted average of total taxes (including VAT if applicable) levied on refined products. Industry margin is a value calculated by subtracting the tax and crude cif price from the price of composite barrel. Consumption weights for 2003–07 are estimated.

companies
Major oil



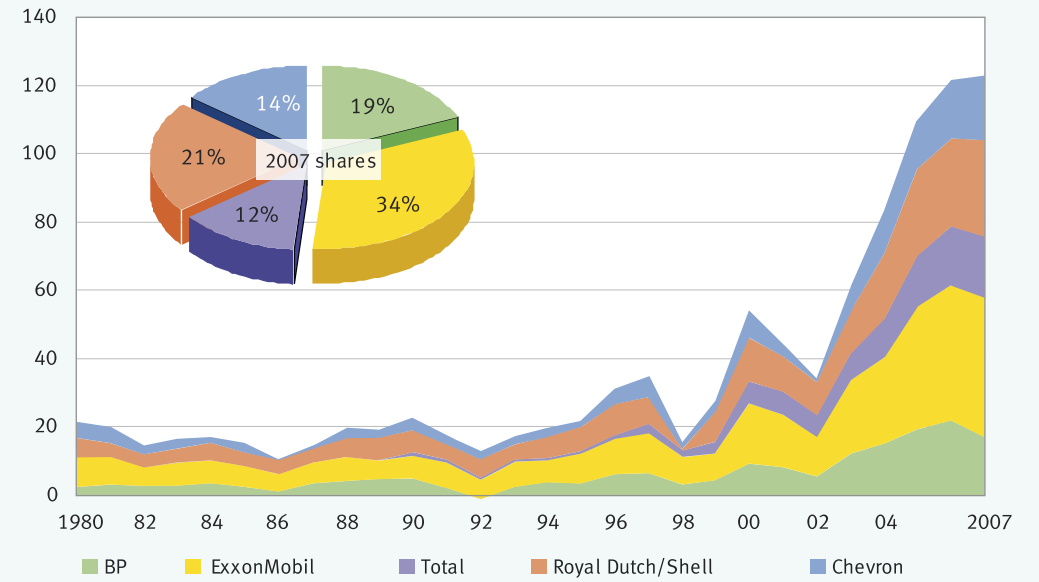
Major oil companies revenues

(bn \$)



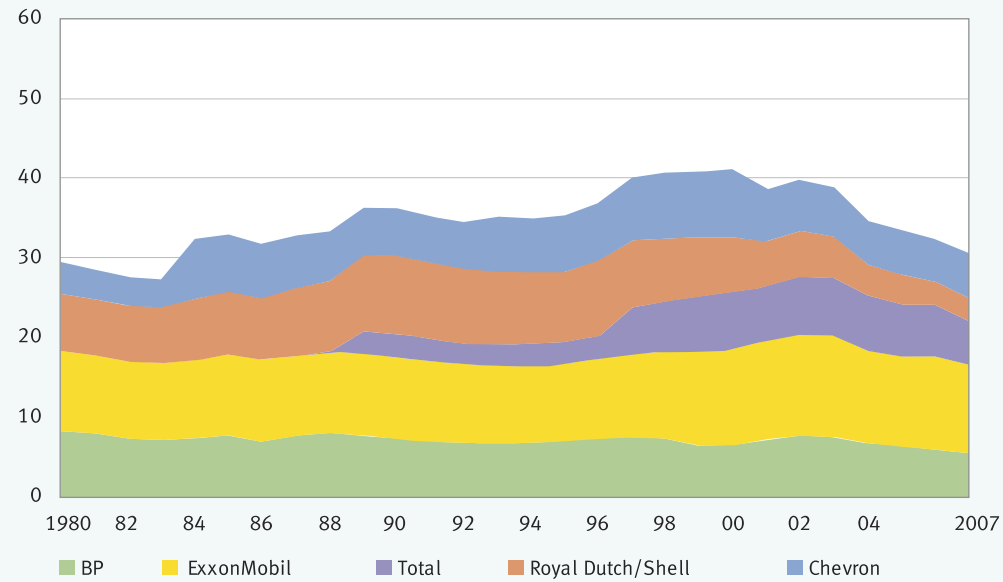
Major oil companies net income

(bn \$)



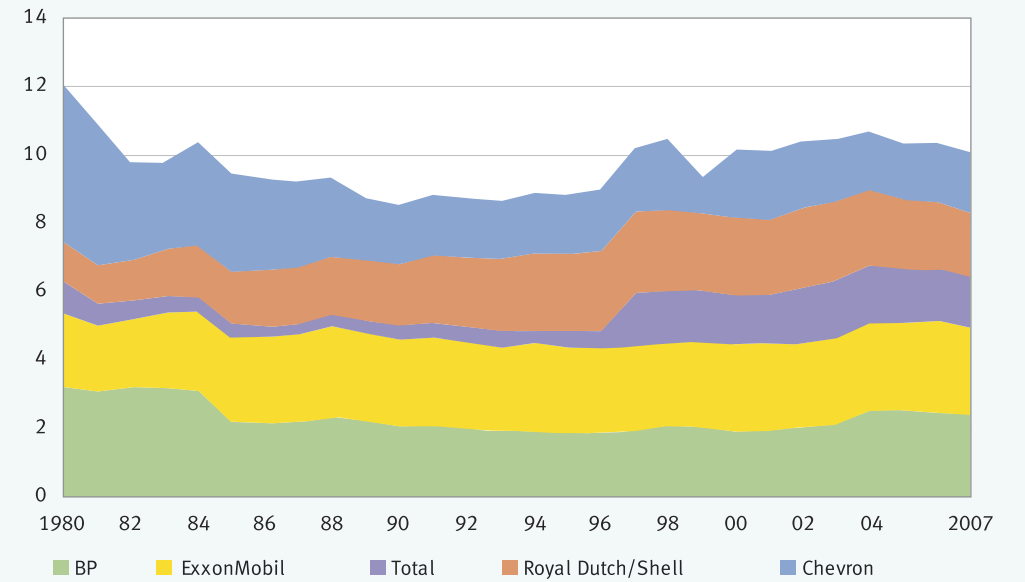
Major oil companies crude oil and NGL reserves

(bn b)



Major oil companies crude and NGL production

(1,000 b/d)



Principal operations of the major oil companies, 2003–2007 (1,000 b/d)

	2003	2004	2005	2006	2007
BP					
Crude oil & NGL reserves ¹	7,449	6,755	6,360	5,893	5,492
Natural gas reserves ²	43,976	45,650	44,448	42,168	41,130
Crude oil produced	2,121	2,531	2,562	2,475	2,414
Crude oil processed	2,723	2,607	2,399	2,198	2,127
Refined products sold	6,688	6,398	5,888	5,801	5,624
Natural gas sold ³	8,613	8,503	8,424	8,417	8,143
ExxonMobil					
Crude oil & NGL reserves ¹	12,856	11,651	11,229	11,568	11,074
Natural gas reserves ²	54,769	60,362	66,907	67,560	68,262
Crude oil produced	2,516	2,571	2,523	2,681	2,616
Crude oil processed	5,510	5,713	5,723	5,603	5,571
Refined products sold	7,270	7,511	7,519	7,247	7,099
Natural gas sold ³	10,119	9,846	9,251	9,334	9,384
Total					
Crude oil & NGL reserves ¹	7,323	7,003	6,592	6,471	5,778
Natural gas reserves ²	22,267	22,785	24,751	25,539	25,730
Crude oil produced	1,661	1,695	1,621	1,506	1,509
Crude oil processed	2,481	2,496	2,410	2,454	2,413
Refined products sold	3,652	3,771	3,792	3,786	3,863
Natural gas sold ³	4,786	4,894	4,780	4,674	4,839
Royal Dutch/Shell					
Crude oil & NGL reserves ¹	5,009	3,745	3,466	3,270	2,751
Natural gas reserves ²	38,370	25,050	24,912	30,058	22,821
Crude oil produced	2,333	2,173	1,998	1,948	1,818
Crude oil processed	4,167	4,162	3,981	3,862	3,779
Refined products sold	7,445	7,600	7,057	6,485	6,625
Natural gas sold ³	8,849	8,808	8,263	8,368	8,214
Chevron					
Crude oil & NGL reserves ¹	6,280	5,511	5,626	5,294	5,626
Natural gas reserves ²	17,553	16,128	20,466	19,910	20,446
Crude oil produced	1,808	1,710	1,669	1,732	1,756
Crude oil processed	1,991	1,958	1,883	1,989	1,833
Refined products sold	3,710	3,874	3,725	3,621	3,484
Natural gas sold ³	6,410	6,558	7,899	10,529	11,416
Total majors					
Crude oil & NGL reserves ¹	38,917	34,665	33,273	32,496	30,721
Natural gas reserves ²	176,935	169,975	181,484	185,235	178,389
Crude oil produced	10,439	10,680	10,373	10,342	10,113
Crude oil processed	16,872	16,936	16,396	16,106	15,723
Refined products sold	28,765	29,154	27,981	26,940	26,695
Natural gas sold ³	38,777	38,609	38,617	41,322	41,996

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. The name was further changed to Chevron in May 2005. Chevron merged with Unocal in August 2005. 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.

Table 78

Major oil companies

Revenue, operating costs, deductions, taxation and net income of the major oil companies, 2003–2007 (m \$)

	2003	2004	2005	2006	2007
BP					
Revenues ¹	173,296	204,456	245,486	274,316	291,438
Cost of sales ²	155,814	181,942	216,699	239,732	263,709
Income tax (benefit)	5,050	7,082	9,473	12,331	10,442
Special deductions	–	–	–	–	–
Net income (loss)	12,432	15,432	19,314	22,253	17,287
ExxonMobil					
Revenues ³	237,054	291,252	358,955	377,635	404,552
Cost of sales ⁴	204,538	250,011	299,523	310,233	334,078
Income tax (benefit)	11,006	15,911	23,302	27,902	29,864
Special deductions	–	–	–	–	–
Net income (loss)	21,510	25,330	36,130	39,500	40,610
Total⁵					
Revenues ³	118,340	152,627	170,635	193,115	217,554
Cost of sales ⁴	104,343	130,844	141,039	161,107	180,966
Income tax (benefit)	6,053	10,373	14,711	17,232	18,525
Special deductions	–	–	–	–	–
Net income (loss)	7,944	11,410	14,885	14,776	18,063
Royal Dutch/Shell					
Revenues ³	263,889	337,522	306,730	318,845	336,365
Cost of sales ⁴	242,227	306,814	263,420	274,963	290,150
Income tax (benefit)	9,349	12,168	17,999	18,317	18,650
Special deductions	–	–	–	–	–
Net income (loss)	12,313	18,540	25,311	25,565	27,565
Chevron					
Revenues ³	121,277	155,300	198,200	210,118	220,905
Cost of sales ⁴	108,753	134,455	173,003	178,142	188,738
Income tax (benefit)	5,294	7,517	11,098	14,838	13,479
Special deductions	–	–	–	–	–
Net income (loss)	7,230	13,328	14,099	17,138	18,688
Total majors					
Revenues ³	913,856	1,141,157	1,280,006	1,374,029	1,470,814
Cost of sales ⁴	815,675	1,004,066	1,093,684	1,164,177	1,257,641
Income tax (benefit)	36,752	53,051	76,583	90,620	90,960
Special deductions	–	–	–	–	–
Net income (loss)	61,429	84,040	109,739	119,232	122,213

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. The name was further changed to Chevron in May 2005. Chevron merged with Unocal in August 2005. 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, 2003–2007

	2003	2004	2005	2006	2007
BP					
Revenues	100	100	100	100	100
Cost of sales	93.0	92.4	88.3	87.4	83.2
Income tax (benefit)	2.6	2.8	3.9	4.5	8.5
Special deductions	–	–	–	–	–
Net income (loss)	4.4	4.8	7.9	8.1	8.3
ExxonMobil					
Revenues	100	100	100	100	100
Cost of sales	86.8	86.2	83.4	82.2	86.3
Income tax (benefit)	4.5	5.3	6.5	7.4	5.5
Special deductions	–	–	–	–	–
Net income (loss)	8.7	8.5	10.1	10.5	8.2
Total					
Revenues	100	100	100	100	100
Cost of sales	88.2	85.4	82.7	83.4	83.2
Income tax (benefit)	5.1	6.8	8.6	8.9	8.5
Special deductions	–	–	–	–	–
Net income (loss)	6.7	7.8	8.7	7.7	8.3
Royal Dutch/Shell					
Revenues	100	100	100	100	100
Cost of sales	91.8	90.1	85.9	86.2	86.3
Income tax (benefit)	3.5	4.5	5.9	5.7	5.5
Special deductions	–	–	–	–	–
Net income (loss)	4.7	5.4	8.3	8.0	8.2
Chevron					
Revenues	100	100	100	100	100.0
Cost of sales	89.7	86.6	87.3	84.8	85.4
Income tax (benefit)	4.4	4.8	5.6	7.1	6.1
Special deductions	–	–	–	–	–
Net income (loss)	6.0	8.6	7.1	8.2	8.5
Total majors					
Revenues	100	100	100	100	100.0
Cost of sales	90.1	88.7	85.4	84.7	85.5
Income tax (benefit)	3.8	4.6	6.0	6.6	6.2
Special deductions	–	–	–	–	–
Net income (loss)	6.0	6.7	8.6	8.7	8.3

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. The name was further changed to Chevron in May 2005. Chevron merged with Unocal in August 2005. Data include companies' shares in all operations in which they have an interest.

Table 80

Major oil companies

Capital and exploratory expenditure of the major oil companies, 2003–2007 (m \$)

	2003	2004	2005	2006	2007
BP	13,986	14,408	14,149	17,231	20,641
Exploration ¹	9,658	9,839	10,398	13,252	14,207
Production	na	na	na	na	na
Transportation	na	na	na	na	na
Refining and chemicals ²	775	929	–	–	–
Marketing ³	3,006	2,887	2,845	3,127	5,495
Others	547	753	906	852	939
ExxonMobil⁴	15,525	14,885	17,699	19,855	20,853
Exploration ¹	11,988	11,715	14,470	16,231	15,724
Production	na	na	na	na	na
Transportation	na	na	na	na	na
Refining and chemicals ²	692	690	654	756	1,782
Marketing ⁵	2,781	2,405	2,495	2,729	3,303
Others	64	75	80	139	44
Total⁶	8,740	10,812	13,928	14,881	16,064
Exploration ¹	5,996	7,696	10,091	11,302	12,156
Production	na	na	na	na	na
Transportation	na	na	na	na	na
Refining and chemicals ²	1,261	1,129	1,387	2,229	2,566
Marketing ³	1,397	1,891	2,213	1,249	1,247
Others	86	96	237	101	95
Royal Dutch/Shell	12,252	13,209	15,916	23,096	24,105
Exploration ¹	8,129	8,699	10,858	16,638	15,654
Production	na	na	na	na	na
Transportation	na	na	na	na	na
Refining and chemicals ²	470	529	387	821	1,415
Marketing ⁵	3,388	3,761	4,378	5,340	6,622
Others	265	220	293	297	414
Chevron	7,363	8,315	11,063	16,611	20,026
Exploration ¹	5,675	6,321	8,389	12,819	15,538
Production	na	na	na	na	na
Transportation ³	1,100	1,329	2,150	3,175	3,443
Refining and chemicals ²	197	150	151	200	271
Marketing	na	na	na	na	na
Others ⁷	391	515	373	417	774
Total majors	57,866	61,629	72,755	91,674	101,689
Exploration	41,446	44,270	54,206	70,242	73,279
Production	na	na	na	na	na
Transportation	1,100	1,329	2,150	3,175	3,443
Refining and chemicals	3,395	3,427	2,579	4,006	6,034
Marketing	10,572	10,944	11,931	12,445	16,667
Others	1,353	1,659	1,889	1,806	2,266

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. The name was further changed to Chevron in May 2005. Chevron merged with Unocal in August 2005. 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.

General notes

Definitions

Proven crude oil reserves: the estimated quantities of all liquids statistically defined as crude oil. They consist of those quantities of crude oil which by analysis of geoscience and engineering data can be estimated with reasonable certainty to be commercially recoverable, from a given date forward, from known reservoirs and under defined economic conditions, operating methods and government regulations (*source: SPE — Petroleum Resources Management System*).

Proven natural gas reserves: are the estimated quantities of all hydrocarbons statistically defined as natural gas. They consist of those quantities of natural gas (associated and non-associated) which by analysis of geoscience and engineering data can be estimated with reasonable certainty to be commercially recoverable, from a given date forward, from known reservoirs and under defined economic conditions, operation methods and government regulations (*source: SPE — Petroleum Resources Management System*).

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.

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

Completion: the installation of permanent equipment for the production of oil or gas.

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 exist 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 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: volume shrinkage due to purification and/or extraction of natural gas liquids, gas used as input to GTL plants, lease separators and plant own consumption and any other losses caused by spillage, evaporation, etc.

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, 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 engines; 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; includes 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: fuels obtained as liquid still bottoms from the distillation of crude used alone or in blends with heavy liquids from other refinery process operations. These are 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 international air and marine bunkers.

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

OPEC Basket: the OPEC Reference Basket (ORB) price was introduced on January 1, 1987. Up to June 15, 2005, it was the arithmetic average of seven selected crudes. These were: 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. As of June 16, 2005, the ORB is calculated as a production-weighted average of the OPEC Basket of crudes. These are: Saharan Blend (Algeria); Girassol (Angola — as of January 2007); Oriente (Ecuador — as of October 19, 2007); Minas (Indonesia); Iran Heavy (IR Iran); Basrah Light (Iraq); Kuwait Export (Kuwait); Ess Sider (SP Libyan A); Bonny Light (Nigeria); Qatar Marine (Qatar); Arab Light (Saudi Arabia); Murban (United Arab Emirates); and BCF-17 (Venezuela).

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

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

Geneva I agreement: agreement of January 1972 between some OPEC Member Countries and the major international oil companies, which had the effect of establishing an index for quarterly adjustments of posted crude oil prices on the basis of the arithmetic average of the deviations of the exchange rates of nine major currencies against the US dollar. This was modified to an import-weighted index in 1978, accounting for exchange rates and inflation rate. The present 'modified Geneva I + US dollar' currency basket includes the US dollar, the Euro, the Japanese yen, the UK pound and the Swiss franc.

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 the 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, Serbia, 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, São Tomé and Príncipe, 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), Angola (2007), Ecuador (rejoined 2007), 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and the United Kingdom.

Abbreviations

Symbols:

- na Not available
- Nil or negligible
- * Provisional or estimated figures, as of June 12, 2008.

Currencies:

\$	US dollar	KD	Kuwaiti dinar
€	Euro	LD	Libyan dinar
AD	Algerian dinar	N	Nigerian naira
AON	Angolan New Kwanza	QRL	Qatari riyal
US\$	Ecuador	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		

Oil 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 (SP Libyan AJ)
NODCO	National Oil Distribution Company (Qatar)
NPHR	New Port Harcourt Refinery
Oasis	Oasis Oil Company of the SP Libyan AJ, Inc
Occidental	Occidental Petroleum Corporation
OMV	OMV Aktiengesellschaft
PDVSA	Petroleos de Venezuela SA
Pertamina	Perusahaan Pertambangan Minyak Dan Gas Bumi Negara
Petroecuador	National oil company of Ecuador
Petroindustrial	Refinery operations company of Ecuador
Petromer Trend	Petromer Trend Corporation
Petromin	The General Petroleum and Mineral Organization of Saudi Arabia
Petroproduccion	Exploration and production oil company of Ecuador
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
Sonangol	Sociedade Nacional de Combustíveis de Angola
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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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)	2003	2004	2005	2006	2007
Algeria	7.9448	7.9448	7.9448	7.9448	7.9448
Angola	7.3952	7.3952	7.3952	7.3952	7.2730
Ecuador	6.8800	6.8800	6.8800	6.8800	6.8800
Indonesia	7.2338	7.4226	7.4180	7.4180	7.4180
IR Iran	7.2840	7.2840	7.2840	7.2840	7.2840
Iraq	7.4136	7.4136	7.4136	7.4136	7.6490
Kuwait	7.2580	7.2580	7.2580	7.2580	7.2580
SP Libyan AJ	7.5745	7.5699	7.5833	7.5833	7.5964
Nigeria	7.3995	7.3995	7.3995	7.3995	7.3995
Qatar	7.6162	7.6184	7.3821	7.3821	7.4408
Saudi Arabia	7.4029	7.4029	7.4029	7.4029	7.4029
United Arab Emirates	7.5876	7.5876	7.5876	7.5876	7.5876
Venezuela	6.8272	6.8871	6.6850	6.6850	6.6850
OPEC	7.3547	7.3705	7.3457	7.3478	7.3609

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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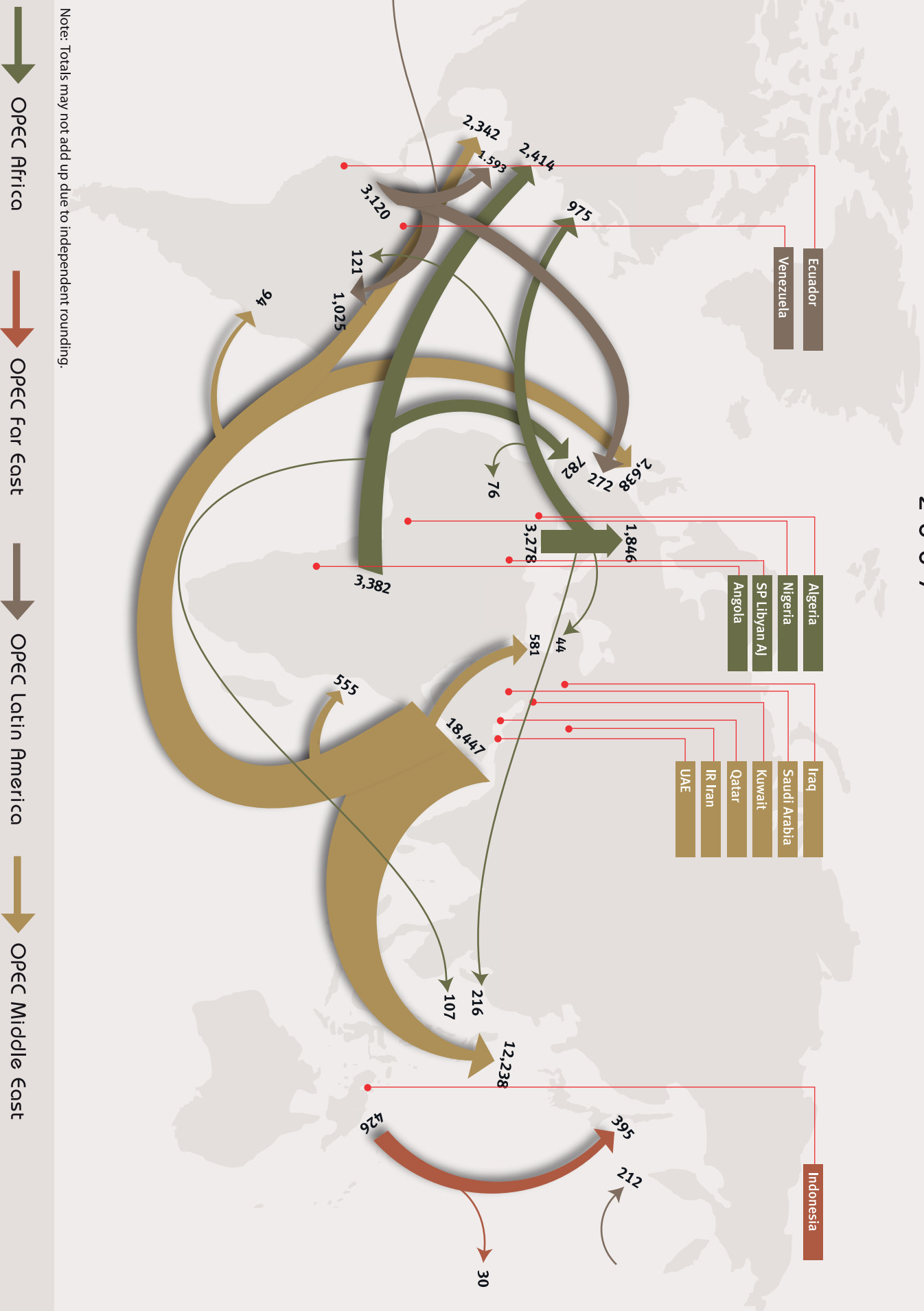
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Major OPEC flows of crude and refined oil

(1,000 b/d)

2007





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