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# OPEC Handbook Statistical Annex

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This paper was prepared by [redacted]  
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Issues. Comments and queries are welcome and  
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**OPEC Handbook  
Statistical Annex**

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**Preface**

The OPEC Handbook Statistical Annex GI 86-10005 [Redacted] is a companion volume to the OPEC Handbook GI 86-10004 [Redacted]. The Statistical Annex includes data<sup>a</sup> on OPEC member countries' oil and gas production, exports, internal consumption, reserves, refinery and export terminal capacities, and prices.<sup>b</sup> The OPEC Handbook covers the history of OPEC, its individual members, and its national oil companies, [Redacted]

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<sup>a</sup> Cutoff date for information in this annex is 1 January 1986.

<sup>b</sup> Place names in tables are not necessarily authoritative.

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**OPEC at a Glance, 1970-84**

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 <sup>a</sup>
OPEC Available Capacity (thousand b/d)	28,065	30,055	31,875	33,480	33,680	33,680	33,915	34,770	34,425	31,955	30,930	29,650	28,430	28,035	27,035
Crude Oil Production (thousand b/d)	23,413	25,326	27,094	30,989	30,729	27,155	30,738	31,253	29,805	30,929	27,073	22,664	19,004	17,736	17,764
Natural Gas Production <sup>b</sup> (million cubic meters/d)	175,453	198,402	215,142	252,229	250,553	222,219	254,555	271,411	271,127	305,248	273,012	264,545	264,833	268,263	276,310
NGL Production (thousand b/d)	185	224	271	357	371	388	498	520	570	732	843	966	1,006	1,036	1,100.0
Crude Oil and Products Exports (thousand b/d)	20,140	23,475	24,942	28,580	27,964	25,085	28,714	28,709	26,939	27,567	22,905	18,626	14,203	12,653	12,650
Natural Gas Exports (million cubic meters/d)	2,396	7,005	12,118	13,806	14,611	16,317	18,108	19,354	23,827	29,124	22,976	22,734	26,417	35,567	35,700
Domestic Oil Consumption (thousand b/d)	1,165.5	1,276.4	1,336.4	1,603.2	1,682.0	1,707.1	1,959.8	2,213.6	2,415.9	2,587.2	2,860.3	2,986.7	3,250.0	3,460.7	3,539.0
Crude Oil Reserves (million barrels)	391,750	431,900	425,251	463,623	421,815	484,970	449,870	440,395	439,915	444,936	435,591	434,355	436,500	445,157	448,420
Average Crude Oil Price (US \$/barrel)	1.94	2.42	2.76	3.65	11.28	11.02	11.77	12.88	12.93	18.67	30.87	34.50	33.63	29.31	28.70

a Estimated.

b Includes gas flared, reinjected, or vented.

Sources: OPEC Statistical Bulletins, Oil and Gas Journal, OECD Oil and Gas Statistics, and CIA estimates.

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**Crude Oil Production, 1970-84***(thousand barrels per day)*

Country	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 <sup>a</sup>
Algeria	1,029.1	785.4	1,062.3	1,097.3	1,008.6	982.6	1,075.1	1,152.3	1,161.2	1,153.8	1,019.9	797.8	704.5	660.9	703.0
Ecuador	4.1	3.7	78.1	208.8	177.0	160.9	187.8	183.4	201.8	214.2	204.1	211.1	210.3	237.5	264.0
Gabon	108.8	114.6	125.2	150.2	201.5	223.0	222.8	222.0	208.7	203.4	174.5	151.4	155.1	151.8	185.0
Indonesia	853.6	892.1	1,080.8	1,338.5	1,374.5	1,306.5	1,503.6	1,686.1	1,635.2	1,590.8	1,575.7	1,604.2	1,324.8	1,331.6	1,414.0
Iran	3,829.0	4,539.5	5,023.1	5,860.9	6,021.6	5,350.1	5,882.9	5,662.8	5,241.7	3,167.9	1,662.0	1,381.0	2,391.3	2,441.7	2,444.0
Iraq	1,548.6	1,694.1	1,465.5	2,018.1	1,970.6	2,261.7	2,415.4	2,348.2	2,562.0	3,476.9	2,646.4	897.4	1,012.1	1,098.8	1,178.0
Kuwait	2,734.6	2,925.5	2,999.2	2,752.8	2,275.5	1,838.1	1,912.1	1,784.0	1,893.8	2,213.2	1,388.8	941.0	665.1	856.3	938.0
Libya	3,318.0	2,760.8	2,239.4	2,174.9	1,521.3	1,479.8	1,932.6	2,063.4	1,982.5	2,091.7	1,830.0	1,217.8	1,136.0	1,104.9	1,102.0
Neutral Zone <sup>b</sup>	505.4	542.5	566.7	529.1	540.6	494.6	466.6	367.9	472.6	568.6	544.1	372.7	315.2	394.0	454.0
Nigeria	1,083.1	1,531.2	1,815.7	2,054.3	2,255.0	1,783.2	2,066.8	2,085.1	1,897.0	2,302.0	2,058.0	1,439.6	1,287.0	1,235.5	1,395.0
Qatar	362.4	430.7	482.4	570.3	518.4	437.6	497.3	444.6	486.7	508.1	471.4	415.2	332.0	298.0	387.0
Saudi Arabia	3,548.9	4,497.6	5,733.4	7,334.7	8,209.7	6,826.9	8,343.9	9,017.0	8,066.1	9,251.1	9,631.3	9,624.0	6,327.0	4,975.0	4,400.0
United Arab Emirates	779.6	1,059.5	1,202.7	1,532.6	1,678.6	1,663.8	1,936.4	1,998.7	1,830.5	1,830.7	1,701.9	1,502.3	1,248.8	1,149.0	1,210.0
Venezuela	3,708.0	3,549.1	3,219.9	3,366.0	2,976.3	2,346.2	2,294.4	2,237.9	2,165.5	2,356.4	2,165.0	2,108.3	1,895.0	1,800.8	1,690.0
TOTAL OPEC	23,413.2	25,326.3	27,094.4	30,988.5	30,729.2	27,155.0	30,737.7	31,253.4	29,805.3	30,928.8	27,073.1	22,663.8	19,004.2	17,735.8	17,764.0

a CIA Estimate.

b Saudi-Kuwaiti Neutral Zone.

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*Daily Average and Cumulative Crude Oil Production by Country, 1960-84* (thousand barrels per day)

ALGERIA a				ECUADOR			
Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production	Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production
1960	181.1	81,382	607.4	1960	7.5	79,513	(1.3)
1961	330.9	202,173	82.7	1961	8.0	82,439	6.7
1962	436.9	361,636	32.0	1962	7.0	85,012	(12.5)
1963	504.3	545,697	15.4	1963	6.8	87,477	(2.9)
1964	557.8	749,837	10.6	1964	7.6	90,273	11.8
1965	558.7	953,753	0.2	1965	7.8	93,122	2.6
1966	718.7	1,216,061	28.6	1966	7.3	95,782	(6.4)
1967	825.7	1,517,446	14.9	1967	6.2	93,054	(15.1)
1968	904.2	1,848,368	9.5	1968	5.0	99,869	(19.4)
1969	946.4	2,193,788	4.7	1969	4.4	101,477	(12.0)
1970	1,029.1	2,569,410	8.7	1970	4.1	102,957	(6.8)
1971	785.4	2,856,096	(23.7)	1971	3.7	104,311	(9.8)
1972	1,062.3	3,244,898	35.3	1972	78.1	132,890	2,016.2
1973	1,097.3	3,645,395	3 ^	1973	208.8	209,111	166.7
1974	1,008.6	4,013,534	(0.1)	1974	177.0	273,716	(15.2)
1975	982.6	4,372,183	(2.6)	1975	160.9	331,437	(9.1)
1976	1,075.1	4,765,670	9.4	1976	187.8	401,187	16.7
1977	1,152.3	5,186,247	7.2	1977	183.4	468,128	(2.3)
1978	1,161.2	5,610,071	0.8	1978	201.8	541,796	10.0
1979	1,153.8	6,031,192	(0.6)	1979	214.2	619,965	6.1
1980	1,019.9	6,404,463	(11.6)	1980	204.1	694,676	(4.7)
1981	797.8	6,695,650	(21.0)	1981	211.1	771,731	3.4
1982	704.5	6,952,810	(11.7)	1982	210.3	848,491	(0.4)
1983	660.9	7,194,035	(60.2)	1983	237.5	935,179	12.9
1984 b	703.0	7,451,333	6.4	1984 a	264.0	1,031,803	(11.2)

a Prior to 1978, includes condensate production.

b CIA estimates.

Source: OPEC Statistical Review, 1983.

a CIA estimates.

Source: OPEC Statistical Review, 1984.

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*Daily Average and Cumulative Crude Oil Production by Country, 1960-84 (continued) (thousand barrels per day)*

GABON				INDONESIA <sup>a</sup>			
Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production	Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production
1960	15.4	15,678	6.2	1960	409.6	2,235,966	9.8
1961	14.9	21,124	(3.2)	1961	424.3	2,390,829	3.6
1962	16.4	27,116	10.1	1962	453.4	2,556,314	6.9
1963	17.7	33,562	7.9	1963	444.0	2,718,368	(2.1)
1964	21.0	41,230	18.6	1964	456.0	2,885,498	2.8
1965	24.9	50,330	18.6	1965	480.6	3,060,928	5.3
1966	28.6	60,770	14.9	1966	464.6	3,230,500	(3.3)
1967	69.0	85,973	141.3	1967	505.4	3,414,971	8.8
1968	91.9	119,603	33.2	1968	600.7	3,634,835	18.9
1969	99.8	156,024	8.6	1969	742.3	3,905,778	23.6
1970	108.8	195,753	9.0	1970	853.6	4,217,342	15.0
1971	114.6	237,589	5.3	1971	892.1	4,542,959	4.5
1972	125.2	283,419	9.2	1972	1,080.8	4,938,532	21.2
1973	150.2	338,230	20.0	1973	1,338.5	5,427,085	23.8
1974	201.5	411,778	34.2	1974	1,374.5	5,928,778	2.7
1975	223.0	493,175	10.7	1975	1,306.5	6,405,633	(4.9)
1976	222.8	574,720	(0.1)	1976	1,503.6	6,955,952	15.1
1977	222.0	655,750	(0.4)	1977	1,686.1	7,571,379	12.1
1978	208.7	731,926	(6.0)	1978	1,635.2	8,168,227	(3.0)
1979	203.4	806,167	(2.5)	1979	1,590.8	8,748,869	(2.7)
1980	174.5	870,021	(14.2)	1980	1,575.7	9,325,568	(0.9)
1981	151.4	925,282	(13.2)	1981	1,604.2	9,911,101	1.8
1982	155.1	981,894	2.4	1982	1,324.8	10,394,653	(17.4)
1983	151.8	1,037,301	(2.1)	1983	1,331.6	10,880,687	0.5
1984 <sup>a</sup>	185.0	1,105,011	21.9	1984 <sup>b</sup>	1,414.0	11,398,211	6.2

<sup>a</sup> CIA estimates.

Source: OPEC Statistical Review, 1983.

<sup>a</sup> Prior to 1978, includes condensate production.<sup>b</sup> CIA estimates.

Source: OPEC Statistical Review, 1983.

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*Daily Average and Cumulative Crude Oil Production by Country, 1960-84 (continued) (thousand barrels per day)*

IRAN				IRAQ			
Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production	Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production
1960	1,067.7	4,167,641	15.0	1960	972.2	2,750,434	13.5
1961	1,202.2	4,606,445	12.6	1961	1,007.1	3,118,285	3.6
1962	1,334.5	5,093,529	11.0	1962	1,009.2	3,486,643	0.2
1963	1,491.3	5,637,864	11.7	1963	1,161.9	3,910,733	15.1
1964	1,710.7	6,263,961	14.7	1964	1,255.2	4,370,136	8.0
1965	1,908.3	6,960,481	11.6	1965	1,312.6	4,849,235	4.6
1966	2,131.8	7,738,590	11.7	1966	1,392.2	5,357,376	6.1
1967	2,603.2	8,688,770	22.1	1967	1,228.1	5,805,615	(11.8)
1968	2,839.8	9,728,137	9.1	1968	1,503.3	6,355,823	22.4
1969	3,375.8	10,960,292	18.9	1969	1,521.2	6,911,064	1.2
1970	3,829.0	12,357,877	13.4	1970	1,548.6	7,476,303	1.8
1971	4,539.5	14,014,795	18.6	1971	1,694.1	8,094,638	9.4
1972	5,023.1	15,853,250	10.7	1972	1,465.5	8,631,013	(13.5)
1973	5,860.9	17,992,479	16.7	1973	2,018.1	9,367,602	37.7
1974	6,021.6	20,190,380	2.1	1974	1,970.6	10,086,877	(2.4)
1975	5,350.1	22,143,167	(11.2)	1975	2,261.7	10,912,408	14.8
1976	5,882.9	24,296,308	10.0	1976	2,415.4	11,796,438	6.8
1977	5,662.8	26,363,230	(3.7)	1977	2,348.2	12,653,531	(2.8)
1978	5,241.7	28,276,442	(7.4)	1978	2,562.0	13,588,661	9.1
1979	3,167.9	29,432,726	(39.6)	1979	3,476.9	14,857,741	35.7
1980	1,662.0	30,041,018	(47.5)	1980	2,646.4	15,826,323	(23.9)
1981	1,381.0	30,545,083	(16.9)	1981	897.4	16,153,874	(66.1)
1982	2,391.3	31,417,908	73.2	1982	1,012.1	16,523,291	12.8
1983	2,441.7	32,309,128	2.1	1983	1,098.8	16,924,353	8.6
1984	a 2,444.0	33,203,632	0.1	1984	a 1,178.0	17,355,501	7.2

a CIA estimates.

Source: OPEC Statistical Review, 1983.

a CIA estimates.

Source: OPEC Statistical Review, 1983.

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*Daily Average and Cumulative Crude Oil Production by Country, 1960-84 (continued) (thousand barrels per day)*

KUWAIT				LIBYA a			
Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production	Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production
1960	1,623.8	4,347,831	17.7	1960	0.0	0.0	0.0
1961	1,644.4	4,948,037	1.3	1961	18.2	6,642	2.6
1962	1,833.7	5,617,338	11.5	1962	182.3	73,185	901.6
1963	1,932.8	6,322,810	5.4	1963	441.8	234,457	142.3
1964	2,117.0	7,097,632	9.5	1964	862.4	550,078	95.2
1965	2,169.6	7,889,536	2.5	1965	1,218.8	994,940	41.3
1966	2,275.4	8,720,057	4.9	1966	1,501.1	1,542,842	23.2
1967	2,292.4	9,556,783	0.7	1967	1,740.5	2,178,127	15.9
1968	2,421.1	10,442,906	5.6	1968	2,602.1	3,130,484	49.5
1969	2,575.5	11,382,963	6.4	1969	3,109.1	4,265,323	19.5
1970	2,734.6	12,381,092	6.2	1970	3,318.0	5,476,409	6.7
1971	2,925.5	13,448,900	7.0	1971	2,760.8	6,484,101	(16.8)
1972	2,999.2	14,546,607	2.5	1972	2,239.4	7,303,720	(18.9)
1973	2,752.8	15,551,379	(8.2)	1973	2,174.9	8,097,574	(2.9)
1974	2,275.5	16,381,936	(17.3)	1974	1,521.3	8,652,865	(30.1)
1975	1,838.1	17,052,843	(19.2)	1975	1,479.8	9,192,994	(2.7)
1976	1,912.1	17,752,671	4.0	1976	1,932.6	9,900,330	30.6
1977	1,784.0	18,403,831	(6.7)	1977	2,063.4	10,653,459	6.8
1978	1,893.8	19,095,068	6.2	1978	1,982.5	11,377,072	(3.9)
1979	2,213.2	19,902,886	16.9	1979	2,091.7	12,140,543	5.5
1980	1,388.8	20,411,187	(37.2)	1980	1,830.0	12,810,323	(12.5)
1981	941.0	20,754,652	(32.2)	1981	1,217.8	13,254,820	(33.5)
1982	665.1	20,997,414	(29.3)	1982	1,136.0	13,669,460	(6.7)
1983	856.3	21,309,963	28.7	1983	1,104.9	14,072,749	(2.7)
1984 a	938.0	21,653,271	9.5	1984 a	1,102.0	14,476,081	(0.3)

a CIA estimates.

Source: OPEC Statistical Review, 1983.

a Prior to 1978, includes condensate production.

b CIA estimates.

Source: OPEC Statistical Review, 1983.

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**Daily Average and Cumulative Crude Oil Production by Country, 1960-84 (continued) (thousand barrels per day)**

Year	NEUTRAL Zone			Year	NIGERIA a		
	Daily Average	Cumulative (to date)	Annual % Change in Daily Production		Daily Average	Cumulative (to date)	Annual % Change in Daily Production
1960	136.1	171,522	17.4	1960	17.4	12,339	55.4
1961	178.5	236,675	31.2	1961	46.0	29,141	164.4
1962	244.4	325,899	36.9	1962	67.5	53,765	46.7
1963	313.8	440,434	28.4	1963	76.5	81,678	13.3
1964	359.1	571,849	14.4	1964	120.2	125,675	57.1
1965	362.1	704,030	0.8	1965	274.2	225,740	128.1
1966	420.4	857,462	16.1	1966	417.6	378,168	52.3
1967	415.5	1,009,120	(1.2)	1967	319.1	494,630	(23.6)
1968	406.5	1,157,899	(2.2)	1968	141.3	546,362	(55.7)
1969	421.3	1,311,673	3.6	1969	540.3	743,566	282.4
1970	505.4	1,496,144	20.0	1970	1,083.1	1,138,897	100.5
1971	542.5	1,694,156	7.3	1971	1,531.2	1,697,785	41.4
1972	566.7	1,901,568	4.5	1972	1,815.7	2,362,331	18.6
1973	529.1	2,094,690	(6.1)	1973	2,054.3	3,112,151	13.1
1974	540.6	2,292,009	2.2	1974	2,255.0	3,935,215	9.8
1975	494.6	2,472,538	(8.5)	1975	1,783.2	4,586,100	(20.9)
1976	466.6	2,643,313	(5.7)	1976	2,066.8	5,342,549	15.9
1977	367.9	2,777,597	(21.2)	1977	2,085.1	6,103,611	0.9
1978	472.6	2,950,096	28.5	1978	1,897.0	6,796,016	(9.0)
1979	568.6	3,157,635	20.3	1979	2,302.0	7,636,246	21.3
1980	544.1	3,356,776	(4.3)	1980	2,058.0	8,389,474	(10.6)
1981	372.7	3,492,811	(31.5)	1981	1,439.6	8,914,928	(30.0)
1982	315.2	3,607,859	(15.4)	1982	1,287.0	9,384,683	(10.6)
1983	394.0	3,751,669	25.0	1983	1,235.5	9,835,641	(4.0)
1984 a	454.0	3,917,833	15.2	1984 a	1,395.0	10,346,211	12.9

a CIA estimates.

Source: OPEC Statistical Review, 1983.

a Prior to 1978, includes condensate production.

b CIA estimates.

Source: OPEC Statistical Review, 1983.

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*Daily Average and Cumulative Crude Oil Production by Country, 1960-84 (continued) (thousand barrels per day)*

Year	QATAR		
	Daily Average	Cumulative (to date)	Annual % Change in Daily Production
1960	174.6	451,638	2.5
1961	177.2	516,313	1.5
1962	186.2	584,293	5.1
1963	191.5	654,177	2.8
1964	215.3	732,990	12.4
1965	232.6	817,891	8.0
1966	291.3	924,198	25.2
1967	323.6	1,042,298	11.1
1968	339.5	1,166,564	4.9
1969	355.5	1,296,310	4.7
1970	362.4	1,428,571	1.9
1971	430.7	1,585,777	18.8
1972	482.4	1,762,320	12.0
1973	570.3	1,970,480	18.2
1974	518.4	2,159,696	(9.1)
1975	437.6	2,319,420	(15.6)
1976	497.3	2,501,432	13.6
1977	444.6	2,663,711	(10.6)
1978	486.7	2,841,357	9.5
1979	508.1	3,026,826	4.4
1980	471.4	3,199,367	(7.2)
1981	415.2	3,350,916	(11.9)
1982	332.0	3,472,096	(20.0)
1983	298.0	3,580,866	(10.2)
1984 a	387.0	3,772,508	29.9

a CIA estimates.

Source: OPEC Statistical Review, 1983.

Year	SAUDI ARABIA		
	Daily Average	Cumulative (to date)	Annual % Change in Daily Production
1960	1,247.1	4,256,613	14.2
1961	1,392.5	4,764,882	11.7
1962	1,520.7	5,319,938	9.2
1963	1,629.0	5,914,560	7.1
1964	1,716.1	6,242,625	5.3
1965	2,024.9	6,981,702	18.0
1966	2,392.7	7,855,051	18.2
1967	2,597.6	8,803,162	8.6
1968	2,830.0	9,838,935	8.9
1969	2,992.7	10,931,257	5.7
1970	3,548.9	12,226,592	18.6
1971	4,497.6	13,868,208	26.7
1972	5,733.4	15,966,630	27.5
1973	7,334.7	18,643,777	27.9
1974	8,209.7	21,640,319	11.9
1975	6,826.9	24,132,153	(16.8)
1976	8,343.9	27,186,040	22.2
1977	9,017.0	30,477,227	8.1
1978	8,066.1	33,421,355	(10.5)
1979	9,251.1	36,797,999	14.7
1980	9,631.3	40,323,079	4.1
1981	9,624.0	43,835,839	(0.1)
1982	6,327.0	46,145,194	(34.3)
1983 a	4,975.0	47,961,069	(21.4)
1984 a	4,400.0	49,571,469	11.6

a CIA estimates.

Source: OPEC Statistical Review, 1982.

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**Daily Average and Cumulative Crude Oil Production by Country, 1960-84 (continued) (thousand barrels per day)**

UNITED ARAB EMIRATES				VENEZUELA			
Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production	Year	Daily Average	Cumulative (to date)	Annual % Change in Daily Production
1960	0	0	0	1960	2,846.1	13,865,532	2.7
1961	0	0	0	1961	2,919.9	14,931,289	2.6
1962	14.2	5,183	a	1962	3,199.8	16,099,205	9.6
1963	48.2	22,776	239.4	1963	3,247.9	17,284,688	1.5
1964	186.8	91,145	287.6	1964	3,392.8	18,526,453	4.5
1965	282.2	194,148	51.1	1965	3,472.9	19,794,061	2.4
1966	360.0	325,548	27.6	1966	3,371.1	21,024,513	(2.9)
1967	382.1	465,015	6.1	1967	3,542.1	22,317,379	5.1
1968	496.6	646,771	30.0	1968	3,604.8	23,636,736	1.8
1969	627.8	875,918	26.4	1969	3,594.1	24,948,583	(0.3)
1970	779.6	1,160,472	24.2	1970	3,708.0	26,302,003	3.2
1971	1,059.5	1,548,190	35.9	1971	3,549.1	27,597,424	(4.3)
1972	1,202.7	1,987,378	13.5	1972	3,219.9	28,775,908	(9.3)
1973	1,532.6	2,546,777	27.7	1973	3,366.0	30,004,498	4.5
1974	1,678.6	3,159,466	20.0	1974	2,976.3	31,090,847	(11.6)
1975	1,663.8	3,766,753	(0.9)	1975	2,346.2	31,947,210	(21.2)
1976	1,936.4	4,475,475	16.4	1976	2,294.4	32,786,960	(2.2)
1977	1,998.7	5,205,005	3.2	1977	2,237.9	33,603,794	(2.5)
1978	1,830.5	5,873,138	(8.4)	1978	2,165.5	34,394,201	(3.2)
1979	1,830.7	6,541,344	a	1979	2,356.4	35,254,287	8.8
1980	1,701.9	7,164,239	(7.0)	1980	2,165.0	36,046,677	(8.1)
1981	1,502.3	7,712,579	(11.0)	1981	2,108.3	36,816,207	(2.6)
1982	1,248.0	8,168,099	(16.9)	1982	1,895.0	37,507,882	(10.1)
1983	1,149.0	8,587,484	(7.9)	1983	1,800.8	38,165,064	(5.0)
1984 b	1,210.0	9,030,344	5.3	1984 a	1,690.0	38,783,604	(6.2)

a Not available.

b CIA estimates.

Source: OPEC Statistical Review, 1983.

a CIA estimates.

Source: OPEC Statistical Review, 1983.

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**Operating Company Crude Oil Production by Country, 1970-83** (thousand barrels per day)

Company	ALGERIA													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Sonatrach	230.8	546.1	817.3	838.7	765.2	724.1	866.7	919.8	901.8	967.9	889.9	771.3	685.2	645.0
Total Algeria	793.9	132.0	144.2	148.6	134.9	142.7	207.3	230.8	256.0	179.1	120.4	19.2	12.5	9.3
Medaloil/Getty Oil	4.4	2.6	3.8	3.4	2.4	2.3	1.0	1.3	1.3	3.7	7.6	5.6	5.2	5.3
Hispanoil	a	a	a	a	a	a	0.1	0.3	0.9	2.0	1.5	1.2	1.2	1.0
Braspetro	a	a	a	a	a	a	a	0.1	1.2	1.1	0.5	0.5	0.4	0.3
ELF Algeria	a	104.7	97.0	106.6	106.1	113.5	a	a	a	a	a	a	a	a
TOTAL ALGERIA	1,029.1	785.4	1,062.3	1,097.3	1,008.6	982.6	1,075.1	1,152.3	1,161.2	1,153.8	1,019.9	797.8	704.5	660.9

a Oil was not produced in that year.

NOTE: 1972-77 includes condensates.

SOURCE: OPEC Annual Statistical Bulletins.

Company	ECUADOR													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Corporacion Estatal Petrolera Ecuatoriana (CEPE)/Texaco/Gulf a	b	b	18.2	206.0	174.4	158.6	185.7	181.6	200.1	212.7	202.6	209.7	208.9	236.7
CEPE	b	b	0.5	0.5	0.4	0.4	1.9	1.8	1.7	1.5	1.5	1.4	1.4	0.8
Anglo-Ecuadorian c	2.7	2.5	2.2	2.0	1.9	1.7	b	b	b	b	b	b	b	b
Cautivo d	0.5	0.5	0.4	0.3	0.3	0.2	0.2	b	b	b	b	b	b	b
Others	0.9	0.7	56.8	b	b	b	b	b	b	b	b	b	b	b
TOTAL ECUADOR	4.1	3.7	78.1	208.8	177.0	160.9	187.8	183.4	201.8	214.2	204.1	211.1	210.3	237.5

a On 31 December 1976, CEPE increased its participation interest in the consortium to 62.5 percent, while Gulf withdrew.

b Oil was not produced in that year.

c On 16 January 1976, the production rights of Anglo-Ecuadorian were taken over by CEPE.

d On 1 June 1976, the production rights of Cautivo were taken over by CEPE.

SOURCE: OPEC Annual Statistical Bulletins.

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**Operating Company Crude Oil Production by Country, 1970-83 (continued)****(thousand barrels per day)**

Company	GABON													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
ELF-Gabon	a	a	a	98.4	151.1	167.7	174.5	182.1	174.0	172.8	147.0	125.0	a	a
Shell-Gabon	a	a	a	51.8	50.4	55.3	48.3	39.9	34.7	30.6	27.5	26.4	a	a
TOTAL GABON	108.8	114.6	125.2	150.2	201.5	223.0	222.8	222.0	208.7	203.4	174.5	151.4	155.1	151.8

a Oil was not produced in that year.

SOURCE: OPEC Annual Statistical Bulletins.

Company	INDONESIA													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Caltex	706.5	720.1	830.1	963.1	903.9	824.3	832.3	802.7	754.4	728.9	705.8	700.0	481.9	659.0
Pertamina a	87.4	107.6	103.4	100.3	110.0	89.3	85.6	84.7	85.7	83.5	81.6	80.8	75.0	75.0
Stanvac	58.4	62.9	74.3	62.4	45.5	38.1	34.9	32.8	32.5	29.6	31.5	36.0	36.2	32.0
California Asiatic Oil/ Texas Overseas														
Petroleum	b	b	b	2.8	5.4	5.3	4.9	6.7	6.3	5.1	5.6	4.9	3.9	b
Legigas	1.3	1.5	1.0	1.2	1.0	0.9	0.8	0.8	0.5	0.6	0.6	0.5	0.5	1.0
Production sharing of which:														
Inpex	b	b	b	36.4	50.7	49.7	53.1	171.6	164.8	156.7	145.9	141.9	115.5	b
Arco	b	b	29.9	64.0	89.4	78.3	121.4	125.2	115.6	113.2	133.9	129.1	128.2	132.4
IIAPCO	b	b	36.4	37.4	54.2	41.8	94.0	113.6	84.3	89.7	82.2	112.0	110.8	100.0
Total Indonesia	b	b	b	b	2.2	18.9	78.5	114.7	110.4	106.0	99.4	101.1	69.6	172.0
Mobil Oil c	b	b	b	b	b	b	b	5.0	26.3	57.0	61.4	74.1	75.9	80.0
Calasiatic/Topco	b	b	b	b	b	1.3	2.2	24.1	28.1	29.4	50.1	53.5	72.6	b
Union Oil	b	b	2.7	36.4	50.6	63.0	76.5	79.9	76.4	65.6	60.5	49.9	42.0	56.6
Petromer Trend	b	b	b	9.4	30.3	a	75.7	78.4	71.7	62.1	54.3	44.1	43.3	37.0
Conoco	b	b	b	b	b	b	b	b	b	16.9	18.5	30.7	24.7	18.0
R.M. Huffington	b	b	b	b	2.5	10.6	13.1	15.7	22.9	21.0	23.3	24.2	25.2	26.0
Asamera	b	b	b	17.7	19.3	16.7	13.6	9.4	8.1	7.8	7.0	8.4	8.8	11.0
Redco d	b	b	2.6	2.0	1.1	b	b	b	b	b	b	b	b	b
Tesoro	b	b	b	4.1	7.0	b	13.3	11.4	9.3	8.3	7.3	7.3	6.7	7.0
Phillips	b	b	b	b	b	0.1	b	6.2	35.6	8.5	6.0	5.0	3.4	4.0
AARNL	b	b	1.4	1.3	1.4	1.2	1.2	1.0	1.0	0.9	0.8	0.7	0.6	0.6
ICSI	b	b	b	b	b	0.3	2.5	2.2	1.3	b	b	b	b	b
TOTAL INDONESIA	853.6	892.1	1,080.8	1,338.5	1,374.5	1,306.5	1,503.6	1,686.1	1,635.2	1,590.8	1,575.7	1,604.2	1,324.8	1,331.6

a Before 1972, Pertamina figure also includes production sharing.

b Oil was not produced in that year or data not available. Figures may not add to totals shown due to unavailable data.

c Condensate production not included in 1983 production total.

d Before 1977, P.T. Stanvac. Before 1972, Gulf and Western Indonesia.

SOURCE: OPEC Annual Statistical Bulletins.

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**Operating Company Crude Oil Production by Country, 1970-83 (continued)** (thousand b/d)

Company	1970	1971	1972	1973	1974	IRAN								
						1975	1976	1977	1978	1979	1980	1981	1982	1983
National Iranian Oil	3506.7	4,156.4	4,555.3	5,408.5	5,560.4	4,892.3	5,429.9	5,116.6	4,676.6	2,855.2	1,662.0	1,381.0	2,391.3	2,441.7
Lavan Petroleum	142.5	134.4	167.8	184.2	194.6	175.5	152.2	182.2	172.0	90.0	a	a	a	a
Iran Pan-American Oil	92.4	120.5	135.0	128.3	132.4	177.0	208.0	272.6	327.0	142.4	a	a	a	a
Societe Iran-Italienne des Petroles	32.1	61.7	85.6	71.7	75.9	52.8	45.5	45.5	39.3	29.1	a	a	a	a
Iranian Marine International Oil	55.3	66.5	79.4	68.2	58.3	52.5	47.3	45.9	26.8	25.4	a	a	a	a
Societe Francaise des Petroles d'Iran	b	b	b	b	b	b	b	b	b	25.8	a	a	a	a
<b>TOTAL IRAN</b>	<b>3,829.0</b>	<b>4,539.5</b>	<b>5,023.1</b>	<b>5,860.9</b>	<b>6,021.6</b>	<b>5,350.1</b>	<b>5,882.9</b>	<b>5,662.8</b>	<b>5,241.7</b>	<b>3,167.9</b>	<b>1,662.0</b>	<b>1,381.0</b>	<b>2,391.3</b>	<b>2,441.7</b>

a Not available.

b Oil was not produced in that year.

NOTE: Iran nationalized the oil companies in 1980, transferring the operations of all fields to the national oil company.

SOURCES: OPEC Annual Statistical Bulletins and CIA estimates.

Company	1970	1971	1972	1973	1974	IRAQ								
						1975	1976	1977	1978	1979	1980	1981	1982	1983
Iraqi Co. for Oil Operations	1,172.8	1,050.3	738.8	1,184.6	a	a	a	a	a	a	a	a	a	a
Basrah Petroleum	349.9	618.0	653.7	722.0	a	a	a	a	a	a	a	a	a	a
Mosul Petroleum	25.9	25.8	22.9	a	a	a	a	a	a	a	a	a	a	a
Iraq National Oil	a	a	50.1	111.5	1,970.6	2,261.7	2,415.4	2,348.2	2,562.0	3,476.9	2,646.4	897.4	1,012.1	1,098.8
<b>TOTAL IRAQ</b>	<b>1,548.6</b>	<b>1,694.1</b>	<b>1,465.5</b>	<b>2,018.1</b>	<b>1,970.6</b>	<b>2,261.7</b>	<b>2,415.4</b>	<b>2,348.2</b>	<b>2,562.0</b>	<b>3,476.9</b>	<b>2,646.4</b>	<b>897.4</b>	<b>1,012.1</b>	<b>1,098.8</b>

a Oil was not produced in that year.

SOURCE: OPEC Annual Statistical Bulletins.

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*Operating Company Crude Oil Production by Country, 1970-83 (continued)**(thousand b/d)*

Company	KUWAIT													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Kuwait Oil	2,734.6	2,925.5	2,999.2	2,752.8	2,275.5	1,838.1	1,912.1	1,784.0	1,893.8	2,213.2	1,388.8	941.0	665.1	856.3
Arabian Oil a	173.2	180.1	204.9	197.0	188.3	162.9	152.2	96.0	156.2	202.9	196.1	113.0	93.2	142.0
American Independent Oil/KOC b	81.8	91.1	78.9	70.6	82.3	83.2	81.1	89.0	81.4	84.2	78.8	75.7	66.0	55.8
TOTAL KUWAIT	2,989.6	3,196.7	3,283.0	3,020.4	2,546.1	2,084.2	2,145.4	1,969.0	2,131.4	2,500.3	1,663.7	1,129.7	824.3	1,054.1

a Kuwaiti share of Neutral Zone production from these companies.

b Under Law No. 24 of 1977, Kuwait nationalized the American Independent Oil Company, absorbing it into the Kuwait Oil Company.

SOURCE: OPEC Annual Statistical Bulletins.

Company	LIBYA													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Oasis/National Oil (NOC)	946.1	824.4	796.9	771.5	552.1	520.8	681.7	689.4	694.9	724.7	656.8	401.3	400.0	400.0
Arabian Gulf Oil a	412.9	419.6	212.5	235.9	136.0	167.2	301.8	368.8	318.6	422.2	517.6	282.9	200.0	199.9
Occidental/NOC	659.4	586.4	423.3	353.4	321.4	275.6	321.5	345.6	340.8	329.2	243.9	180.6	175.0	160.0
Esso Standard/NOC b	570.6	349.1	260.9	228.5	154.2	151.6	180.9	177.4	152.2	138.7	100.8	67.3	56.0	50.0
Agip/NOC c			17.7	145.6	107.0	109.2	155.5	163.2	159.6	166.1	162.4	92.4	125.0	125.0
Umm Gawaby d	322.9	261.5	233.7	192.0	73.6	90.2	108.7	134.1	133.3	141.4	c	89.4	50.0	40.0
Mobil/NOC e	252.9	186.5	162.8	144.2	104.3	88.0	89.5	95.2	94.8	87.8	86.0	66.1	50.0	50.0
Esso Sirte/NOC b	121.4	98.2	93.2	82.7	56.4	49.7	67.4	68.1	65.0	60.5	44.6	23.9	20.0	20.0
Aquitaine/NOC	19.9	16.8	16.0	13.0	9.2	19.2	17.5	13.6	15.9	16.9	14.3	11.9	f	f
NOC g	4.2	3.7	13.0	2.2	1.5	1.7	4.9	5.6	4.2	c	c	1.5	60.0	60.0
Wintershall	c	c	c	c	c	c	1.8	2.4	3.2	4.2	3.6	0.5	f	f
Amoco g	7.7	14.6	9.4	5.9	5.6	6.6	1.4	c	c	c	c	c	c	c
TOTAL LIBYA	3,318.0	2,760.8	2,239.4	2,174.9	1,521.3	1,479.8	1,932.6	2,063.4	1,982.5	2,091.7	1,830.0	1,217.8	1,136.0	1,104.9

a In December 1971, the production rights of British Petroleum were taken over by Arabian Gulf; in 1972, those of Bunker Hunt were taken over by Arabian Gulf.

b Exxon withdrew from operations. NOC operates former Esso system.

c Negligible.

SOURCES: OPEC Annual Statistical Bulletins and CIA estimates.

d In February 1974, Umm Gawaby (100-percent government owned) replaced Amoseas.

e Mobil withdrew from operations. NOC operates former Mobil system.

f Oil was not produced in that year.

g In March 1976, the production rights of Amoco were taken over by NOC.

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## Operating Company Crude Oil Production by Country, 1970-83 (continued)

(thousand b/d)

Company	NIGERIA													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Shell/Nigerian National Petroleum (NNPC)	790.3	1,107.7	1,207.0	1,293.8	1,398.5	1,118.4	1,234.8	1,211.7	1,086.0	1,316.0	1,167.0	740.0	655.0	619.6
Gulf/NNPC	231.8	277.1	325.4	364.8	369.1	227.3	292.8	291.3	262.0	375.0	341.0	281.4	211.0	174.5
Mobil/NNPC	54.2	72.4	166.4	222.5	547.5	196.6	230.7	223.4	200.0	243.0	214.0	160.9	136.0	162.5
Aqip/Phillips/NNPC	4.4	38.5	52.2	100.5	153.9	156.8	185.5	214.3	210.0	221.0	183.0	126.5	127.0	118.4
Elf/NNPC	a	25.1	54.6	64.4	83.7	73.1	75.9	74.3	77.0	78.0	86.0	72.8	93.0	89.4
Chevron/Texaco/NNPC	2.4	10.4	10.1	8.3	2.3	7.4	34.3	53.2	43.0	54.0	43.0	34.5	38.0	44.0
Pan Ocean	a	a	a	a	a	a	4.5	9.9	10.0	7.0	8.0	7.0	5.0	4.4
Tenneco	a	a	a	a	a	a	a	a	a	a	5.0	5.9	6.0	6.0
Phillips	a	a	a	a	a	a	a	a	a	a	2.0	1.1	1.0	1.1
Production sharing of which:														
Ashland	a	a	a	a	a	3.6	8.3	7.0	9.0	8.0	9.0	9.5	15.0	15.6
TOTAL NIGERIA	1,083.1	1,531.2	1,815.7	2,054.3	2,555.0	1,783.2	2,066.8	2,085.1	1,897.0	2,302.0	2,058.0	1,439.6	1,287.0	1,235.5

a Oil was not produced in that year.  
SOURCE: OPEC Annual Statistical Bulletins.

Company	QATAR													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Qatar Petroleum Producing Authority/Shell	362.4	430.7	482.4	570.3	518.4	437.1	487.1	435.1	483.7	506.3	471.4	415.2	332.0	298.0
Al-Bunduq	b	b	b	b	b	0.5	10.2	9.5	3.0	1.8	b	b	b	b
TOTAL QATAR	362.4	430.7	482.4	570.3	518.4	437.6	497.3	444.6	486.7	508.1	471.4	415.2	332.0	298.0

a On 2 March 1977, the Qatar Petroleum Producing Authority took over Shell's remaining 40-percent participation interest.  
b Oil was not produced in that year.  
SOURCE: OPEC Annual Statistical Bulletins.

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**Operating Company Crude Oil Production by Country, 1970-83 (continued)** (thousand b/d)

Company	SAUDI ARABIA													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Aramco	3,548.9	4,497.6	5,733.4	7,334.7	8,209.7	6,826.9	8,343.9	9,017.0	8,066.1	9,251.1	9,631.3	9,624.0	6,327.0	4,975.0
Arabian Oil a	171.8	178.9	204.9	197.0	188.3	162.9	152.2	95.4	154.2	199.0	192.0	110.0	91.0	140.8
Getty Oil a	78.6	92.4	78.0	64.5	81.7	85.6	81.1	87.5	80.8	82.5	77.2	74.0	65.0	55.4
TOTAL SAUDI ARABIA	3,799.3	4,768.9	6,016.3	7,596.2	8,479.7	7,075.4	8,577.2	9,199.9	8,301.1	9,532.6	9,900.5	9,808.0	6,483.0	5,171.2

a Saudi share of Neutral Zone production from these companies.

SOURCE: OPEC Annual Statistical Bulletins.

Company	UNITED ARAB EMIRATES													
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
<b>ABU DHABI</b>														
Abu Dhabi Oil Company for Onshore Operations	424.9	575.0	609.1	791.0	917.9	894.9	1,025.0	1,024.6	855.5	864.6	730.4	578.0	500.7	a
Abu Dhabi Petroleum Company	268.9	359.4	440.7	507.3	461.6	421.6	447.7	521.5	495.5	491.7	504.5	466.0	292.7	a
Total/Al'Bukhoosh (TBK)	b	b	b	b	16.3	32.7	80.9	75.0	70.5	73.0	65.3	58.0	60.9	a
Abu Dhabi Oil	b	b	b	5.6	13.8	21.5	22.2	20.8	21.6	23.0	21.0	20.0	18.3	a
Amerada Hess	b	b	b	b	b	b	b	b	b	8.9	21.5	12.0	10.7	a
Al-Bunduq	b	b	b	b	b	0.5	10.2	9.5	3.0	1.8	b	b	0.8	a
Zadco	b	b	b	b	b	b	b	b	b	b	b	b	b	a
<b>DUBAYY</b>														
Dubai Petroleum	85.8	125.1	152.9	228.7	241.5	254.4	313.4	319.1	362.3	354.2	349.3	358.6	357.8	a
<b>SHARJAH</b>														
Buttes Gas and Oil	b	b	b	b	27.5	38.2	37.0	28.2	22.1	13.5	9.9	9.7	6.9	a
TOTAL UAE	779.6	1,059.5	1,202.7	1,532.6	1,678.6	1,663.8	1,936.4	1,998.7	1,830.5	1,830.7	1,701.9	1,502.3	1,248.8	1,149.0

a Not available.

b Oil was not produced in that year.

SOURCE: OPEC Annual Statistical Bulletins.

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*Operating Company Crude Oil Production by Country, 1970-83 (continued)*

Company	VENEZUELA														(thousand b/d)	
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983		
National a	Former b															
Lagoven	Creole	1,580.1	1,517.1	1,387.3	1,515.1	1,339.1	977.8	1,001.4	908.6	880.2	1,008.9	881.0	850.3	783.9	744.7	
Maraven	Shell	968.2	934.1	802.9	792.6	683.8	538.4	529.5	534.6	538.3	590.4	595.0	572.6	535.9	506.3	
	Continental	7.8	6.2	12.1	11.5	8.3	7.5	c	c	c	c	c	c	c	c	
Meneven	Meneg	426.4	414.1	393.8	418.9	404.3	373.3	363.6	382.6	365.1	395.5	354.0	347.4	300.8	271.8	
Palmaven	Ven.-Sun	236.7	220.4	188.1	177.4	140.9	118.8	c	c	c	c	c	c	c	c	
	Charter	10.3	9.2	13.4	14.6	12.1	7.2	c	c	c	c	c	c	c	c	
Corpoven	CVP, d Mobil, and Others	c	c	c	c	c	c	104.0	105.3	99.5	359.2	335.0	334.8	272.1	276.4	
(CVP) d	CVP d	46.4	52.1	60.9	82.5	74.3	42.9	59.7	78.9	90.5	c	c	c	c	c	
(Llanoven)	Mobil	115.1	104.4	95.5	80.5	62.7	58.1	67.3	61.4	53.4	c	c	c	c	c	
(Deltaven)	Texaco	74.7	54.9	52.3	54.1	40.9	35.7	59.6	58.0	50.0	c	c	c	c	c	
	Coro	10.0	7.6	7.2	6.2	4.6	4.3	c	c	c	c	c	c	c	c	
	Caracas	5.1	5.1	6.7	10.6	8.0	5.8	c	c	c	c	c	c	c	c	
	Texas	59.8	53.8	46.3	41.6	37.7	26.9	c	c	c	c	c	c	c	c	
(Roqueven)	Phillips	43.0	40.7	39.4	45.5	42.0	31.1	36.3	35.1	31.8	c	c	c	c	c	
(Amoven)	Amoco	11.8	23.0	32.1	30.8	27.0	26.8	24.0	23.2	18.9	c	c	c	c	c	
(Bariven)	Sinclair	43.3	39.4	33.3	27.7	24.6	21.7	19.2	21.6	19.5	c	c	c	c	c	
	VARCO	c	c	c	2.0	2.4	1.4	c	c	c	c	c	c	c	c	
(Boscanven)	Chevron	57.2	55.2	39.4	46.0	48.4	38.0	22.0	21.1	11.7	c	c	c	c	c	
(Taloven)	Talon	2.7	2.6	3.1	3.3	3.8	3.1	3.4	3.2	2.6	c	c	c	c	c	
(Guariven)	Petmer	2.7	1.7	1.6	1.9	2.5	2.4	2.3	2.4	2.2	c	c	c	c	c	
(Vistaven)	Mito Juan	3.8	3.7	3.0	3.2	7.8	3.9	2.1	1.9	1.8	c	c	c	c	c	
	La Nacion	2.9	3.8	1.5	c	1.1	1.1	c	c	c	2.4	c	3.2	2.3	1.6	
TOTAL VENEZUELA		3,708.0	3,549.1	3,219.9	3,366.0	2,976.3	2,346.2	2,294.4	2,237.9	2,165.5	2,356.4	2,165.0	2,108.3	1,895.0	1,800.8	

a On 1 December 1978, the number of operating companies was reduced; company names before consolidation are in parentheses.

b Company names before nationalization on 31 December 1975.

c Oil was not produced in that year.

d Corporacion Venezolana del Petroleo.

SOURCE: OPEC Annual Statistical Bulletins.

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**Available Capacity, 1970-84 a** (thousand barrels per day)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	28,065	30,055	31,875	33,480	33,680	33,680	33,915	34,770	34,425	31,955	30,930	29,650	28,430	28,035	27,035
Algeria	1,130	1,130	1,130	1,130	1,150	1,200	1,200	1,200	1,200	1,200	1,000	1,000	900	850	850
Ecuador	10	10	250	250	250	250	225	225	225	225	225	225	225	225	275
Gabon	160	160	160	160	220	240	230	230	230	220	200	175	175	175	200
Indonesia	1,200	1,200	1,300	1,400	1,500	1,500	1,550	1,750	1,650	1,625	1,650	1,650	1,650	1,650	1,650
Iran	4,800	5,300	5,600	6,200	6,300	6,500	6,600	6,700	6,500	3,200	3,500	3,500	3,200	3,200	3,300
Iraq	1,500	1,940	2,050	2,165	2,220	2,500	2,700	3,000	3,400	3,600	3,000	1,875	1,100	1,000	1,250
Kuwait	3,250	3,250	3,250	3,250	2,500	2,000	2,000	2,000	2,000	2,200	1,625	1,310	1,250	1,250	1,250
Libya	3,450	3,000	2,500	2,365	2,275	2,300	2,200	2,200	2,200	1,835	1,750	1,750	1,750	1,800	1,875
Neutral Zone	565	565	565	565	580	600	650	650	625	600	600	600	600	600	600
Nigeria	1,250	1,750	2,000	2,300	2,300	2,300	2,300	2,300	2,300	2,400	2,200	2,200	2,200	2,200	2,200
Qatar	400	450	500	575	580	600	600	600	650	550	525	525	500	500	500
Saudi Arabia	5,000	6,000	7,000	7,700	8,265	8,500	8,500	8,840	8,500	9,250	9,625	10,000	10,000	9,500	8,000
UAE	1,050	1,200	1,570	1,620	1,940	2,090	2,260	2,075	1,845	1,850	1,730	1,540	1,580	1,685	1,685
Abu Dhabi	900	1,000	1,300	1,320	1,600	1,750	1,900	1,725	1,460	1,470	1,350	1,160	1,200	1,300	1,300
Dubayy	150	200	250	270	280	300	330	330	370	370	370	370	370	380	380
Sharjah	b	b	20	30	60	40	30	20	15	10	10	10	10	5	5
Venezuela	4,000	3,800	3,700	3,400	3,200	2,700	2,400	2,400	2,400	2,400	2,400	2,300	2,300	2,300	2,200
Natural Gas															
Liquids	300	300	300	400	400	400	500	600	700	800	900	1,000	1,000	1,100	1,200

a Available capacity includes those facilities on line and capable of responding almost immediately to a decision to raise production. Production ceilings imposed by individual producers for policy reasons are also taken into account.

b Oil not produced in that year.

SOURCE: CIA estimates.

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*Oilfield Capacity by Country, 1984 a**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity		
Algeria	Sonatrach	Hassi Messaoud North	160.0	(Ecuador)	(Texaco)	Atacapi	4.4		
		Hassi Messaoud South	200.0			Auca/Auca Sur	15.0		
		Oed Noumer	10.0			Lago Agrio	20.0		
		Guellala-Guellala N.E.	25.0			Parahuacu	3.6		
		Haoud Beraoui-Ben Kahla	80.0			Sacha	80.0		
		Rhourde El Baguel	25.0			Shushufindi	110.0		
		El Borma	13.0			Yuca/Yuca Sur	5.5		
		Mesdar East and West	12.0			Culebra	1.0		
		Gassi Touill	55.0			Yulebra	1.0		
		Rhourde Nouss	20.0			Mariann	1.1		
		Tin Fouye Tabenkorte	65.0			Fanny	3.0		
		Timedratine	12.0			Tarapoa	0.3		
		Ohanet	8.0			Joan	b		
		Stah	25.0			Total	322.7		
		Merlksen	15.0			Gabon	Amoco Elf	Anguille	20.0
		Zarzaitine	50.0					Anguille N.E.	4.0
		Edjelleh	10.0					Anguille N.N.E.	1.0
Hassi R'Mel (condensate)	65.0	Anguille S.E.	2.0						
Total	850.0	Barbier	14.0						
Ecuador	CEPE	Ancon	1.1	Breme	13.5				
		Shuara	7.5	Girelle	5.0				
		Secoya	10.5	Gonelle	5.0				
		Shushuqui	9.0	Grondin	15.0				
		Charapa	0.7	Mandaros	15.0				
		Cuyabeno	6.0	Oguendjo B and C	25.0				
		Tiguino	5.0	Olende	2.5				
		Sansahuare	3.0	P.G.S. Marine	1.0				
		Tetete	3.0	Port Gentil Ocean	1.5				
		Bermejo	9.0	Tchengue	2.0				
		Texaco		Aguarico	8.0	Torpille	10.0		
				Cononaco	15.0	Baliste	3.0		
						M'Bya Sud	8.0		

a Oilfield capacity is defined as either connected well potential or reservoir deliverability, whichever is smaller.  
b Negligible.

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*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity
(Gabon)	(Amoco Elf)	Ayol Marine	4.0	(Indonesia)	Pertamina UEP IV	Bunyu	3.5
		Baudroie N.	7.0			Sangatta	5.0
		Baudroie Marine	2.0			Tanjung	3.5
	Shell/Gulf/ELF	Lucina-Marine (Mayumba)	15.0			Tapian Timur	3.0
		Shell/ELF	Gamba			15.0	Warukin S.
Total		Ivinga	9.0			Other	b
			199.5			Pertamina UEP V	Klamono
Indonesia	Pertamina UEP I	Besitang	1.0		Linda		0.1
		Gebang	1.0		Sele		1.0
		K. Simpang	7.5		Caltex	Aman	6.5
		P. Tabuhan	2.0			Antara	1.5
		Rantou	5.0			Balam S.E.	1.0
		Serang Jaya	0.5			Balam S.	16.5
		Other	0.5			Bangko	45.0
	Pertamina UEP II	Benuang	2.2			Batang	1.0
		Benakat East	3.0			Bekasap	25.0
		Tempino	1.2			Bekasap S.	1.5
		Gn. Kemala	1.0	Benar		8.5	
		Limau	2.5	Intan		2.5	
		Ogan Timur	2.0	Jorang	20.0		
		Talang Jimar	4.0	Kerang	2.0		
	Pertamina UEP III	T. Miring	3.0	Kopar	4.0		
		Tanjung Tiga	2.5	Kotabatak	29.0		
		Kinali Asam	1.3	Libo	2.0		
Belimbing		1.0	Libo S.E.	15.0			
Kuang		2.5	Lincak	2.0			
Other		4.0	Menggala N.	10.0			
			Menggala S.	5.0			
		Minas	335.0				
		Pager	20.0				
		Pelita	2.0				
		Pematang	10.0				
		Pematang Bow	1.0				
		Pemburu	8.0				

b Negligible.

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*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity
(Indonesia)	(Caltex)	Petani	15.0	(Indonesia)	(Stanvac (Central Sumatra))	Pekan	2.0
		Petapahan	11.0			Merbau	2.0
		Pinang	6.5			Kerumutan	2.0
		Pudu	3.5			N. Merbau	1.5
		Puncak	10.0			Panduk	1.0
		Pungut	7.5			Kayuara	1.2
		Seruni	10.0		Stanvac (South Sumatra)	Talang Akar	1.0
		Sikladi	3.5			Benakat	2.5
		Sintong	7.5			Jirak	0.6
		Tandun	1.5			Raja	8.5
		Telinga	0.5			Abab	3.5
		Topaz	7.0			Ibul	2.5
		Ubi	5.5			Ramibutan	0.5
		Waduk	5.0			Other	1.5
		Duri	40.0		Arco (Java Sea)	Arjuna	180.0
		Kulin	7.5			Arimbi	5.0
		Other	4.0		Arco (N.E. Kalimantan)	Sembakung	10.0
	Cal Asiatic Topco	Lindai	2.0			Bangkudulis	b
		Beruk	20.0		Phillips Group	Salawati	4.0
		Beruk NE.	1.0		Roy M. Huffington Inc.	Badak	7.5
		Bungsu	10.0			Nilam	10.0
		Kasikan	1.5			Pamaguan	2.0
		pedada	20.0			Bekapai	32.0
		Sabak	5.0		Total/Inpex	Handil	160.0
		Zamrud	30.0		Union Oil	Attaka	75.0
		Langgak	1.0			Melahin	1.0
		Other	1.0			Kerindingan	1.0
	Stanvac (Central Sumatra)	Sago	3.0			Sepinggan	5.0
		Lirik	2.0			Yakin	1.5
		Molek	1.5				
		N. Pulau	1.5				
		S. Pulau	0.5				
		Binio	1.2				

b Negligible.

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*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity
(Indonesia)	Aarnl	Bula	0.5	(Indonesia)	Tesoro	Samboja	1.0
	Asamera (North Sumatra)	Tualang	2.7			Sanga Sanga	5.0
		Peudawa	1.0			Tarakan	2.0
		Other	0.5	Total			1,722.0
	Asamera (South Sumatra)	Kluang	1.0	Iran	NIOC	Abu ol Fares (Paris)	0.0
		Ramba	4.0			Agha Jari	335.0
		Other	1.5			Ahwaz	900.0
	Conoco Group	Udang	25.0			Bibi Hakimeh	120.0
	Natomas (Iiapco)	Cinta	20.0			Binak	60.0
		Selatan	3.5			Chillingar	4.0
		Zelda	17.0			Cheshmeh Khosh	0.0
		Gita	1.5			Cyrus	0.0
		Kitty	1.5			Dehluran	0.0
		Nora	1.0			Gach Saran	500.0
		Rama	12.0			Haft Kel	15.0
		Krisna	25.0			Karanj	0.0
		Yvonne	1.5			Kharg	0.0
		Farida	8.0			Kupal	50.0
		Titi	1.5			Lab-e Safid	40.0
		Sundari	12.5			Mansuri	45.0
		Duma	0.5			Marun	675.0
	Mobil Oil	Arun (condensate)	100.0			Masjid-e Suleiman	8.0
	Petromer Trend	Canderawasin	1.5			Naft Safid	25.0
		Jaya	2.5			Par-e Siah	3.0
		Kasim	9.0			Pazanan	75.0
		Walio	25.0			Rag-e Safid	150.0
		Other	1.0			Ramin	0.0
						Naft-e Shah	14.0
						Bahrgan Sar	0.0
						Hendijan	0.0
						Nowruz	0.0
						Rakhsh	30.0

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*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity	
(Iran)	(NIOC)	Rostam	25.0	Libya	Oasis	Bahi	50.0	
		Ardehsir	0.0			Balat	10.0	
		Sirus	30.0			Belhedan	5.0	
		Daryush	0.0			Dahra	25.0	
		Fereidoon	100.0			Defa	200.0	
		Sassan	50.0			Gialo	200.0	
		Sirri	75.0			Harash	10.0	
Total		3,329.0	Khalifa			10.0		
Iraq	INOC	Ain Zalah	b			Masrab	10.0	
		Bay Hasan	0.0			Samah	20.0	
		Butmah	b			Waha	100.0	
		Jambur	100.0			Zaggut	2.0	
		Karkuk	1,300.0			LNOC-Veba/Mobil	Ama1	50.0
		Naft Khaneh	b				Bualawn	5.0
		North Rumaila	600.0	Farrud	2.0			
		South Rumaila	1,400.0	Dor	1.0			
		Zubair	100.0	Ghani	10.0			
		Abu Ghurayb	0.0	Ora	5.0			
		Buzurgan	0.0	ELF	Majid		5.0	
		Jabal-e Fouqi	0.0		LNOC-Sirte (formerly Esso)	Arshad	1.0	
		Luhais	100.0	Jebel		55.0		
Total		3,600.0	N. Zelten	69.0				
Kuwait	KOC	Burgan	2,225.0	S. Zelten		29.0		
		Magwa/Ahmadi	490.0	S.E. Zelten		14.0		
		Minagish	75.0	Raguba	40.0			
		Raudhatain	515.0	Ralah	6.0			
		Sabiyah	300.0					
		Umm Gudair	100.0					
Total		3,705.0						

b Negligible.

SECRET

25X1

*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity		
(Libya)	Occidental	Ali	1.0	(Nigeria)	Phillips	Gilli-Gilli	2.0		
		Almas	5.0			Ashland	Izombe	14.5	
		Nafoora-Augila	50.0				Ossu	1.4	
		Aswad	10.0		Akam		15.0		
					El Meheriga	10.0	ELF	Aghigo	7.0
					Intisar A, B, C, D, E, L	187.0		Erema	5.0
					Zella	30.0		Okpoko	10.5
					Sabah	35.0		Obodo-Jatumi	15.0
			AGIP		Bu Attifel	200.0	Upomami	3.0	
		LNOC/Arabia Gulf Oil	Kutla		100.0	Obagi		100.0	
	Lehib-Dor Morada		10.0						
	Sarir		300.0						
Total			1,872.0	Gulf	Abiteye	20.0			
					Delta	30.0			
Nigeria	AGIP-PHILLIPS	Akri	12.0	Delta South	35.0				
		Akri West	0.4	Isan	6.5				
		Ashaka	0.6	Makaraba	20.0				
		Beniku	1.5	Malu	16.0				
		Ebegoro	12.0	Mefa	4.0				
		Ebocha	12.0	Meji	30.0				
		Idu	2.0	Meren	60.0				
		Kwale	1.5	Okan	50.0				
		M'Bede	17.0	Parabe/Eko	12.0				
		Obama	21.0	Utonana	2.5				
		Obiafu	12.0	W. Isan	10.0				
		Obrikcm	10.0	Yorla South	0.6				
		Odugri	3.0	Jisike	3.0				
		Ogbogene	1.2	Robertkiri	30.0				
		Okpai	5.5	Tapa	25.0				
		Omoku West	1.4						
		Oshi	14.0	Mobil	Abura	10.0			
		Tebidaba	20.0		Adua	15.0			
		Umuoru	1.0		Asabo	20.0			
		Agwe	1.0		Edop	15.0			
		Clough Creek	13.0		Ekpe	25.0			

SECRET

25X1

*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity
(Nigeria)	(Mobil)	Ekpe-MW	12.0	(Nigeria)	(SHELL)	Forc Jones Creek	35.0
		Eku	5.0			Forc-Opuama	6.0
		Enang	28.0			Forc-Egwa	20.0
		Etim	15.0				
		Idoho	2.0			Forc-Forcados/Yokri	100.0
		Inim	25.0			Forc-Batan	10.0
		Isobo	5.5			Forc-Escravos Beach	10.0
		Iyak	20.0			Forc-Otumara	35.0
		Mfem	5.5			Forc-Saghara	10.0
		Ubit	35.0			Forc-Ajuju	1.0
		Unam	10.0			Forc-Beni sede	45.0
		Utue	10.0			Node-Amukpe	2.0
	INPEX (PAN OCEAN)	Ogharefe	10.0			Node-Sapele	20.0
						Node-Oben	30.0
	SHELL	Ugh-Ogini	3.5			Phl-Afam	10.0
		Ugh-Uzere-East	10.0			Phl-Agbada	25.0
		Ugh-Uzere-West	10.0			Phl-Ajokpori	1.0
		Ugh-Olomoro	30.0			Phl-Akpor	1.0
		Ugh-Oweh	10.0			Phl-Akuba	1.0
		Ugh-Kokori	35.0			Phl-Apara	5.0
		Ugh-Afiesere	25.0			Phl-Bodo-West	6.0
		Ugh-Erienu	10.0			Phl-Bcmu	30.0
		Ugh Ughelli-East	10.0			Phl-Ebubu	1.0
		Ugh Ughelli-West	5.0			Phl-Elelenwa	5.0
		Ugh Utorogu	15.0			Phl-Imo River	45.0
		Ugh Oroni	5.0			Phl-Isimiri	4.5
		Ugh-Warri-River	2.0			Phl-Korokoro	3.5
		Ugh-Evwreni	3.0			Phl-Nkali	4.0
		Ugh-Isoko	3.0			Phl-Obeakpu	3.0
		Ugh-Rapele	3.0			Phl-Obele	1.0
		Ugh-Osioko	1.0			Phl-Obigbo-North	25.0
		Forc-Odidi	35.0			Phl-Onne	2.0
		Forc-Opukushi	35.0			Phl-Otamini	3.0
		Forc-Opukushi N.	5.0			Phl-Tai	1.0

b Negligible.



SECRET

25X1

*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity	
(Nigeria)	(SHELL)	Phl Umuechem	10.0	Neutral Zone	AOC	Hout	41.0	
		Phl-Yorla	6.5			Khafji	400.0	
		Phs-Akaso	1.0	Getty/KOC	S. Fuwaris	3.0		
		Phs-Alakiri	5.0		S. Umm Gudair	50.0		
		Phs-Bonny	20.0		Wafra-Burgan	20.0		
		Phs-Buguma Creek	1.0		Wafra-Eocene	35.0		
		Phs-Cawthorne Channel	45.0		Wafra-Ratawi	50.0		
		Phs-Ekulama	45.0		Total	599.0		
		Phs-Krakama	5.0		Qatar	QGPC	Bul Hanine	165.0
		Phs-Orubiri	5.0				Dukhan	250.0
		Phs-Soku	15.0				Idd-el-Shargi	16.0
		Egb-Ahia	10.0				Maydan-Mahzam	80.0
		Egb-Assa	1.2			El Bunduq c	12.5	
		Egb-Egbema	6.0	Total	523.5			
		Egb-Egbema West	30.0	Saudi Arabia	Aramco	Berri	650.0	
		Egb-Oguta	25.0			Abqaiq	900.0	
		Eade-Opobo South	6.5			AimDar/Fazran	1,160.0	
		Eade Utapate South	20.0			Shedgum	1,380.0	
		Cesw-Enwhe	1.0			Uthmaniyah	2,485.0	
		Cesw-Nun River	5.5			Hawiyah d	675.0	
		Cesw-Etelebou	25.0			Haradh	80.0	
		Cesw-Kolo Creek	30.0			Harmaliyah d	75.0	
		Cesw-Diebu Creek	20.0			Abu Hadriya/Fadhili	100.0	
	Cesw-Adibawaz	18.0	Dammam d			35.0		
	Cesw-Adibawaz N.E.	3.0	Abu Safah	145.0				
	Cesw-Nembe Creek	65.0	Berri d	25.0				
	Cesw Ubie		Khurais d	165.0				
			Khursaniyah	165.0				
			Marjan	120.0				
			Qatif d	65.0				
	Total	TEXACO-CHEVRON	Pennington	4.0				
			Middleton	2.5				
			North Apoi	40.0				
Funiwa			5.0					
Total			2,196.8					

c Represents 50 percent participation with Abu Dhabi.  
d Production is currently shut in.

SECRET

25X1

*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity
(Saudi Arabia)	(Aramco)	Zuluf	990.0	Dubayy	DPC n	Falleh	165.0
		Safaniyah	1,575.0			Fateh	200.0
		Manifa d	120.0			SW Fateh	10.0
Total			10,910.0		ARCO o	Rashid	5.0
				Total Dubayy		Margham p (Condensate)	25.0
United Arab Emirates							405.0
	Abu Dhabi			Sharjah	Crescent Petroleum		
Abu Dhabi	National Oil Company				Company q	Mubarek	5.0
	(ADNOC)				Amoco r	Saaja p (Condensate)	60.0
	ADCO e	Asab	460.0	Total Sharjah			65.0
		Bab	120.0				
		Bu Hasa	700.0	Ras Al	Gulf Oil Company s	Saleh p (Condensate)	20.0
		Sahil	25.0	Khaimah			
	ADMA f	Umm Shaif	250.0	Total Ras Al Khaimah			20.0
	ZADCO g	Upper Zakum h	200.0	Total			2,747.5
	UDECO i	Umm al-Dakh	15.0				
		Sateh	10.0				
	Amerada Group j	Arzanah	200.7				
	BOC k	Al-Bunduq	12.5				
	TBK l	Abu al-Bukhoosh	70.0				
	ADOC m	Mubarras	20.0				
		West Mubarras	35.0				
Total Abu Dhabi			2,257.5				

d Production is currently shut in.  
e Abu Dhabi Oil Company (onshore operations). Participants include ADNOC (60); British Petroleum (BP) Exploration Company, Participations and Exploration Corporation (PARTER) (29); Shell Petroleum Company, Cie Francaise des Petroles (CFP) and the Near East Development Corporation (Exxon and Mobil (9.5% each)).  
f Abu Dhabi Marine Areas. Participants include ADNOC (60); BP Exploration Company (14.67); CFP (13.33); Japan Oil Development Company (JODCO) (12).  
g Zakum Development Company. Participants include ADNOC (88); JUDCO (12).  
h Expected on stream during 1985.  
i Umm al-Daikh Development Company. Participants include ADNOC (88); JODCO (12).  
j Amerada Hess (US) (41.25); Marathon Oil (US Steel) (31.5); Canadian Superior (10); Syracuse (7.5); Wingate (4.75); Bow Valley (Canada) (2.5); Sunningdale (Canada) (2.5).  
k Al-Bunduq Oil Company, Ltd. Participants include BP (33.3); CFP (33.3); United Petroleum Development Company (Japan) (33.3).  
l Total/Abu al-Bukhoosh Oil Company. Participants include Total/CFP (51); Sunningdale (12.25); New England Petroleum Company (US) (24.5); Amerada Hess (US) (12.25).  
m Abu Dhabi Oil Company, Ltd. Participants include Maruzen Oil Company (Japan) (33.3). Daikyo Oil Company (Japan) (33.3); Nippon Mining Company, Ltd. (33.3).  
n Dubai Petroleum Company. Wholly controlled by the Emirate of Dubai.  
o Atlantic Richfield Company. Participants include ARCO (66.7); Brit Oil (British National Oil Company) (33.3).  
p Expected on stream during 1985.  
q Participants include Buttes Gas and Oil Company (US) (98.2); Juniper Petroleum (US) (1.8).  
r Standard Oil of Indiana (100).  
s Participants include Gulf Oil (now Chevron) (US) (50.49); International Petroleum of Canada (23.3); Chinese Petroleum Company (Taiwan) (21.22); Petrokal (4.97).  
NOTE: Data in parentheses indicate percentage of participation.

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*Oilfield Capacity by Country, 1984 (continued)**(thousand barrels per day)*

Country	Producer	Field	Capacity	Country	Producer	Field	Capacity				
Venezuela	PDV-Anzoategui	BOCA	2.1	(Venezuela)	Zulia	Boscan	7.0				
		Caico Seco	5.4			Bachaquero	400.0				
		Chimire	7.9			Cruces-Manueles	2.0				
		Dacion	12.1			Cabimas	75.0				
		Elias	12.3			Centro	104.8				
		El Roble	2.0			La Concepcion	4.5				
		Guara	17.4			La Paz	17.3				
		Inca	2.5			Lago	25.0				
		Leona	16.0			Lagunillas	525.0				
		La Ceiba	4.9			Lama	160.0				
		Mata	14.0			Lamar	85.0				
		Merey	19.0			Mara	10.0				
		Nipa	20.9			Mene Grande	1.0				
		Oscurote-Norte	4.2			Motatan	22.0				
		Oficina	39.2			Sibucara	1.1				
		Soto	6.9			Tia Juana	240.0				
		Sta. Ana	9.5			Urdaneta	52.0				
		San Joaquin	4.5			West-Tarra	1.0				
		Sta. Rosa	24.0			Other	68.8				
		Yopales	17.0								
		Zapatos	7.4			Barinas	Hato	3.0			
		Zorro	3.1				Maporal	2.3			
		Zulus	2.5				Paez	13.0			
		Zumo	3.5				Silvan	2.7			
		La Ceibita	3.7				Silvestre	6.7			
		Monagas	Other			Abjuntas	2.1	Falcon	All		0.5
						Other	50.6				
	Acema				30.0	Guarico	Budare			6.0	
	Aguasay				5.5		Las Mercedes			1.0	
	Jobo				55.0		Ruiz			0.6	
	Morichal				16.5		Other			14.2	
	Orocual				4.0						
	Oritupano				22.0	Amacuro	Tucupita			2.5	
Piritai	2.1										
Quiriquire	7.6										
Sta. Barbara	2.2										
Tacat	2.1										
Temblador	2.6										
Other	34.3										
				Total			2,442.9				

25X1

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25X1

**Major Oil Export Terminal Capacity****(barrels per day)**

Country	Terminal	Capacity	Country	Terminal	Capacity	Country	Terminal	Capacity	
Algeria	Arzew	1,000,000	(Iraq)	Banias, Syria	700,000	United Arab Emirates			
	Bejaia	1,400,000		Tripoli, Lebanon	500,000		Abu Dhabi	Abu Al Bukhoosh	80,000
	Skikda	1,300,000					Arzanah Island	20,000	
Ecuador	Esmeraldas	500,000	Kuwait	Mina al-Saud	400,000		Das Island	1,600,000	
	La Libertad	100,000		Mina al-Ahmadi	4,000,000		Hamriyah	500,000	
Gabon	Port Gentil	1,000,000	Libya	Ras-Es Sider	1,440,000		Jebel Dhanna	1,600,000	
	Gamba	280,000		Ras Lanuf	1,000,000		Mubarek	430,000	
	Lucina	315,000		Marsa el Brega	900,000		Zirku	800,000	
Indonesia	Arjuna	630,000		Zueitina	1,440,000				
	Balikpapan-Bekapai	240,000		Marsa al Hariga	900,000				
	Balikpapan-Senipah	720,000	Azzawija	1,000,000	Dubayy	Fateh	1,500,000		
	Balikpapan-Santan	540,000			Sharjah	Mubarraz	20,000		
	Cinta	600,000	Nigeria	Bonny	1,500,000				
	Dumai	1,370,000	Escravos	600,000	Venezuela	La Salina	1,000,000		
	Kasim	540,000	Forcados	1,300,000		Puerto Miranda	1,000,000		
	Krisna	240,000	Pennington	200,000		Guaraguao	700,000		
	Pangkalan Susu	380,000	Brass River	400,000		Amuay	700,000		
	Sorong	270,000	Qua Iboe	200,000		Punta Cardon	500,000		
	Tarakan	100,000	North Apoi	200,000		Punta de Palmas	200,000		
Udang	266,000	Neutral Zone	Mina Saud	216,000		Bajo Grande	150,000		
Iran	Kharg	6,300,000		Mina Abdullah	4,000,000		Puerto La Cruz	150,000	
	Cyrus	290,000		(al-Ahmadi)			Caripito	100,000	
	Darius	300,000	Qatar	Umm Said	2,200,000		El Palito	90,000	
	Lavan	350,000		Halul Island	3,000,000		La Estacada	90,000	
	Ras Bahregan	950,000		Ras Abu Abbud	20,000		El Chaura	50,000	
	Sirri	200,000							
Iraq	Mina Al-Bakra	1,600,000	Saudi Arabia	Ju'aymah	4,300,000				
	Khor al-Amaya	1,600,000		Ras Tanura	6,000,000				
	Ceyhan, Turkey	700,000		Yanbu	3,500,000				
				Ras Al Khafji	750,000				

a Destroyed by Iran, November 1980.

Source: Oil and Gas Journal.

25X1

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**Refining Capacity by Country, 1984****(barrels per day)**

Country	Refinery	Capacity	Country	Refinery	Capacity	Country	Refinery	Capacity
Algeria	Arzew	60,000	(Iran)	Lavan	20,000	Neutral Zone	Mina Saud	50,000
	Hassi Messaoud	24,000		Shiraz	40,000		Ras al Khafji	30,000
	Maison Carree/ El Harrach	58,000		Tabriz	80,000		Total	80,000
	Skikda	323,000		Tehran	220,000	Qatar	Umm Said	60,000
	In-Amenas	6,000		Total	615,000		Saudi Arabia	Jiddah
	Total	471,000	Iraq	Al-Basrah b	140,000	Ras Tanura		470,000
Ecuador	Esmeraldas	56,000		Daurah-Baghdad	71,000	Rabigh c		325,000
	La Libertad	31,000		Al-Hadithah	7,000	Riyadh		130,000
	Lago-Agrio	1,000		Khanaqin/Alwand	11,000	Yanbu		170,000
	Total	88,000		Baiji	220,000	Jubail		250,000
	Gabon	Port Gentil-Sogara		20,000	Qaiyarah	2,000		Yanbu
Port Gentil-Coger		24,000	Karkuk	30,000	Total	1,370,000		
Total		44,000	Samawah	10,000	UAE	Ruwais		120,000
Indonesia	Cepu	4,000	Total	351,000		Umm al-Nar 1		15,000
	Balikpapan	255,000	Kuwait	Mina al-Ahmadi		250,000	Umm al-Nar 2	60,000
	Cilacap	295,000		Shuaiba		187,000	Total	195,000
	Dumai	93,000		Mina Abdallah	110,000	Venezuela	Amuay Bay	630,000
	Pangkalanbrandon	4,000	Total	547,000	Bajo Grande		57,000	
	Plaju	63,000	Libya	Azzawiya	120,000		El Palito	100,000
	Sungaigerong	57,000		Sirte-Marsa el Brega	10,000		El Toreno	5,000
	Sungaipakning	45,000		Ras Lanuf	220,000		Puerto La Cruz	193,000
Wbnokromo	4,000	Total	350,000	Punta Cardon	265,000			
Total	820,000	Nigeria	Kaduna	95,000	San Roque	5,000		
Iran	Abadan a		705,000	Port Harcourt,		Total	1,255,000	
	Esfahan		240,000	Alesa Eleme	57,000	TOTAL OPEC	6,493,000	
	Bahktaran (formerly Kermanshah)		15,000	Warri	95,000			
	Total		Total	247,000				

a Destroyed by Iraq, October 1980.

b Not operating, damaged by Iran, October 1980.

c Under construction.

Source: Oil and Gas Journal.

25X1

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**OPEC Domestic Oil Consumption by Country, 1970-83 and 85** (thousand barrels per day)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Algeria	42.0	43.2	51.9	61.7	60.9	70.1	82.9	93.9	95.2	115.6	120.1	127.3	137.6	145.0	165.0
Ecuador	24.5	27.8	28.2	31.1	32.6	38.5	43.9	50.6	61.9	71.9	75.7	81.6	89.2	97.0	110.0
Gabon	17.5	19.7	14.9	8.8	9.4	9.9	11.8	14.9	14.5	10.3	11.8	13.3	14.3	14.7	17.0
Indonesia	119.7	156.3	142.4	182.1	213.7	224.2	249.0	296.9	346.0	367.1	405.1	447.6	458.4	475.0	560.0
Iran	296.9	317.4	347.4	425.2	447.2	472.0	531.3	589.2	590.7	566.8	586.0	488.1	530.0	572.0	650.0
Iraq	66.7	77.4	79.8	80.4	90.5	103.6	121.2	137.8	162.4	185.2	207.2	211.6	228.5	246.0	275.0
Kuwait	141.7	124.5	124.8	115.1	89.8	93.8	102.0	102.7	110.1	125.3	109.6	127.1	152.9	169.0	155.0
Libya	16.9	20.1	24.8	32.8	37.4	51.4	56.2	66.6	74.3	87.3	93.4	101.2	109.7	118.0	135.0
Nigeria	28.9	35.4	40.6	51.5	56.3	68.8	90.7	113.3	135.8	156.3	173.6	200.1	208.1	217.0	245.0
Qatar	1.6	1.7	2.0	2.8	3.3	4.5	5.8	8.1	8.0	8.7	9.4	10.6	11.9	12.0	16.0
Saudi Arabia	184.9	217.0	229.8	335.6	362.4	285.6	354.2	401.7	439.3	483.9	593.7	668.0	774.9	844.0	935.0
UAE	2.2	2.3	3.2	4.8	7.1	25.6	31.7	47.9	55.9	58.3	81.9	102.3	109.8	118.0	130.0
Venezuela	222.0	233.6	246.6	271.3	271.4	259.1	279.1	290.0	321.8	350.5	392.8	407.9	425.2	433.0	470.0
OPEC TOTAL	1,165.5	1,276.4	1,336.4	1,603.2	1,682.0	1,707.1	1,959.8	2,213.6	2,415.9	2,587.2	2,860.3	2,986.7	3,250.5	3,460.7	3,863.0

a Estimated.

b Projected.

25X1

**Domestic Oil Consumption, by Fuel Type, 1970-83 and 85** (thousand barrels per day)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	184.1	201.3	221.2	241.6	273.2	328.9	383.0	451.6	510.4	555.3	624.6	650.1	694.4	726.9	818.0
Kerosene	140.2	154.6	170.8	198.4	232.4	252.9	301.0	345.3	365.8	400.0	427.6	443.1	467.9	498.5	564.0
Distillate	167.7	183.1	224.2	250.1	279.3	345.9	415.6	512.4	581.8	639.0	694.7	801.3	884.0	974.9	1,086.0
Residual	133.7	139.7	139.3	189.7	203.5	238.2	274.8	290.4	350.4	377.6	508.0	565.0	624.3	654.2	704.0
Other	61.4	76.9	83.9	82.3	84.4	98.8	119.3	151.1	182.7	192.6	234.1	244.1	282.6	307.8	315.0
Bunkers	381.2	420.9	423.4	530.5	487.7	324.0	327.1	331.5	282.8	279.9	210.1	142.1	136.0	124.9	172.0
Losses	97.2	99.9	73.6	110.6	121.5	118.4	139.0	131.3	142.0	142.8	161.2	141.0	161.3	173.5	204.0
TOTAL	1,165.5	1,276.4	1,336.4	1,603.2	1,682.0	1,707.1	1,959.8	2,213.6	2,415.9	2,587.2	2,860.3	2,986.7	3,250.5	3,460.7	3,863.0

a Estimated.

b Projected.

25X1

SECRET

25X1

**Domestic Oil Consumption by Fuel Type and by Country, 1970-83 and 85** (thousand barrels per day)

Algeria	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	9.8	10.6	14.1	13.1	14.1	15.2	16.6	21.1	22.3	25.0	28.1	30.4	32.0	34.0	35.0
Kerosene	3.5	2.8	1.8	5.3	5.1	6.3	6.3	7.2	5.7	9.0	7.3	7.6	8.4	9.0	10.0
Distillate	14.4	7.0	17.6	15.6	21.5	28.2	31.1	35.8	35.6	39.7	39.0	42.2	47.6	50.0	55.0
Residual	4.7	13.0	6.6	15.5	7.4	7.1	11.1	10.0	8.5	6.0	6.0	4.5	4.0	4.0	5.0
Other	7.1	7.1	6.9	7.4	9.8	10.6	15.4	17.3	17.6	25.9	28.7	31.1	33.6	35.0	40.0
Bunkers	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	2.7	3.0	2.0	2.5	3.0	3.0	5.0
Losses	2.5	2.6	4.9	3.5	3.0	2.7	2.4	2.5	2.8	7.0	9.0	9.0	9.0	10.0	15.0
TOTAL	42.0	43.2	51.9	61.7	60.9	70.1	82.9	93.9	95.2	115.6	120.1	127.3	137.6	145.0	165.0

a Estimated.

b Projected.

Ecuador	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	8.7	9.8	10.1	11.3	13.0	15.7	18.1	20.5	23.1	26.1	29.0	29.5	31.9	34.0	40.0
Kerosene	3.0	2.5	3.0	3.6	4.1	5.1	6.6	7.0	8.0	11.0	7.5	8.4	9.1	10.0	10.0
Distillate	4.8	5.6	5.8	6.9	7.8	8.8	9.7	11.9	12.8	16.0	16.8	19.0	20.5	23.0	30.0
Residual	5.9	6.5	5.9	6.1	6.8	8.4	8.7	9.2	11.6	12.0	15.5	20.3	23.7	26.0	30.0
Other	1.5	1.7	1.7	1.4	0.5	0.4	0.4	1.7	0.8	3.0	1.9	2.0	2.2	2.0	0.0
Bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	1.8	2.0	1.5	0.8	1.0	0.0
Losses	0.6	1.7	1.7	1.8	0.4	0.1	0.4	0.3	2.8	2.0	3.0	0.9	1.0	1.0	0.0
TOTAL	24.5	27.8	28.2	31.1	32.6	38.5	43.9	50.6	61.9	71.9	75.7	81.6	89.2	97.0	110.0

a Estimated.

b Projected.

25X1

25X1

SECRET

25X1

**Domestic Oil Consumption by Fuel Type and by Country, 1970-83 and 85 (continued)** (thousand barrels per day)

Gabon	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	3.5	3.8	3.3	0.8	0.5	0.5	0.5	0.5	0.5	0.4	0.9	1.0	1.0	0.9	2.0
Kerosene	2.4	2.3	2.0	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.5	0.5	1.0
Distillate	3.8	5.7	5.6	2.6	2.5	2.3	2.5	5.0	5.9	3.1	3.6	4.1	4.7	4.9	6.0
Residual	7.1	6.9	3.2	2.7	3.2	3.8	4.0	4.9	4.2	3.2	3.5	4.0	4.1	4.2	4.0
Other	0.2	0.2	0.2	0.2	0.3	0.0	0.3	0.5	0.3	0.2	0.3	0.3	0.3	0.3	0.0
Bunkers	0.0	0.0	0.0	1.4	1.3	1.1	1.2	1.3	1.5	1.5	1.6	2.0	1.8	1.9	2.0
Losses	0.5	0.8	0.6	0.5	1.0	1.6	2.7	2.1	1.5	1.5	1.5	1.5	1.9	2.0	2.0
TOTAL	17.5	19.7	14.9	8.8	9.4	9.9	11.8	14.9	14.5	10.3	11.8	13.3	14.3	14.7	17.0

a Estimated.

b Projected.

Indonesia	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	26.3	29.6	30.3	32.9	36.8	41.3	44.0	49.9	56.0	60.4	65.3	71.6	73.0	75.0	85.0
Kerosene	48.5	56.6	59.8	68.1	81.2	83.9	92.1	107.1	121.2	132.1	142.7	154.1	158.7	165.0	195.0
Distillate	21.8	26.7	32.0	41.1	50.7	61.5	74.0	89.9	104.9	114.4	130.3	147.8	152.1	157.0	185.0
Residual	10.9	11.4	14.7	18.0	18.7	18.7	19.4	21.9	25.9	32.6	40.5	46.5	48.2	51.0	60.0
Other	1.2	1.2	1.2	2.3	2.5	4.6	4.7	2.7	20.0	9.2	8.0	8.0	8.4	9.0	10.0
Bunkers	3.2	7.2	0.0	7.7	6.3	7.7	8.2	10.3	10.1	10.4	10.3	10.5	9.0	9.0	10.0
Losses	7.8	23.6	4.4	12.0	17.5	6.5	6.6	15.1	7.9	8.0	8.0	9.1	9.0	9.0	15.0
TOTAL	119.7	156.3	142.4	182.1	213.7	224.2	249.0	296.9	346.0	367.1	405.1	447.6	458.4	475.0	560.0

a Estimated.

b Projected.

25X1

25X1



SECRET

25X1

**Domestic Oil Consumption by Fuel Type and by Country, 1970-83 and 85 (continued)** (thousand barrels per day)

Iran	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	21.1	23.6	27.5	33.2	40.2	54.0	63.7	81.0	92.0	92.0	100.0	69.5	75.0	83.0	100.0
Kerosene	39.4	42.7	53.3	66.9	77.7	78.5	106.9	123.6	124.1	128.0	130.0	120.4	130.0	143.0	160.0
Distillate	51.9	57.0	61.5	77.9	87.3	105.9	124.0	149.6	136.0	151.0	165.0	152.8	165.0	170.0	190.0
Residual	54.2	56.3	59.2	69.1	76.3	88.6	99.2	107.4	126.0	102.0	105.0	97.2	105.0	115.0	125.0
Other	15.8	15.2	17.5	11.9	14.1	17.1	16.5	26.1	21.6	21.0	21.0	23.2	25.0	26.0	30.0
Bunkers	98.6	104.3	116.4	128.3	116.5	98.0	75.0	70.0	61.0	46.9	30.0	5.0	10.0	15.0	25.0
Losses	15.9	18.3	12.0	37.9	35.1	29.9	46.0	31.5	30.0	25.9	35.0	20.0	20.0	20.0	20.0
TOTAL	296.9	317.4	347.4	425.2	447.2	472.0	531.3	589.2	590.7	566.8	586.0	488.1	530.0	572.0	650.0

a Estimated.

b Projected.

Iraq	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	9.5	9.9	10.6	11.3	11.7	14.5	17.4	19.2	22.2	26.7	28.7	30.7	32.9	35.0	40.0
Kerosene	14.5	16.2	15.6	16.1	19.4	21.3	23.0	23.8	25.0	25.8	27.7	29.7	31.9	34.0	35.0
Distillate	14.9	18.1	28.5	14.3	15.7	22.1	29.0	34.9	38.9	45.6	48.8	52.2	55.8	60.0	65.0
Residual	22.2	13.1	11.3	32.2	34.3	34.6	39.3	44.8	52.6	58.2	65.0	69.5	73.8	79.0	90.0
Other	0.8	13.2	10.2	3.5	3.9	5.5	6.7	8.0	10.8	14.9	21.0	22.5	24.1	24.0	25.0
Bunkers	0.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.0	2.0	0.0	0.0	0.0	0.0
Losses	4.2	5.4	3.6	3.0	5.5	5.6	5.8	7.1	10.6	12.0	14.0	7.0	10.0	14.0	20.0
TOTAL	66.7	77.4	79.8	80.4	90.5	103.6	121.2	137.8	162.4	185.2	207.2	211.6	228.5	246.0	275.0

a Estimated.

b Projected.

25X1

25X1

SECRET

SECRET

25X1

**Domestic Oil Consumption by Fuel Type and by Country, 1970-83 and 85 (continued)** (thousand barrels per day)

Kuwait	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	7.4	7.9	8.5	8.8	9.7	11.0	12.1	14.2	16.8	18.7	20.7	22.6	24.0	25.0	25.0
Kerosene	2.9	3.0	3.2	3.0	4.0	4.8	5.9	6.1	7.2	8.9	7.9	8.7	9.5	9.0	10.0
Distillate	2.6	2.9	2.9	3.2	3.5	4.1	5.2	6.2	9.0	8.1	10.0	20.2	29.8	35.0	30.0
Residual	0.4	0.7	0.7	0.8	0.9	1.9	4.4	2.4	0.7	1.6	0.0	0.0	0.0	0.0	0.0
Other	1.1	1.1	1.1	1.1	1.3	2.6	2.6	2.6	3.2	4.0	15.4 c	33.0 c	46.5 c	55.0 c	35.0 c
Bunkers	100.0	101.4	100.0	90.1	63.1	41.4	44.7	49.7	45.2	56.0	35.6	25.6	18.1	15.0	25.0
Losses	27.3	7.5	8.4	8.1	7.3	28.0	27.1	21.5	28.0	28.0	20.0	17.0	25.0	30.0	30.0
TOTAL	141.7	124.5	124.8	115.1	89.8	93.8	102.0	102.7	110.1	125.3	109.6	127.1	152.9	169.0	155.0

a Estimated.

b Projected.

c Includes crude oil to Doha Power Station.

Libya	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	4.1	5.2	5.9	7.1	8.7	10.5	11.8	13.4	15.6	17.4	19.0	20.6	22.3	24.0	25.0
Kerosene	1.9	2.9	3.6	4.3	4.7	5.8	6.1	6.0	6.3	8.3	9.9	9.6	10.3	11.0	10.0
Distillate	7.1	6.7	8.9	11.5	15.6	21.2	22.9	24.4	26.5	30.0	31.6	35.2	38.0	41.0	45.0
Residual	2.4	3.0	3.6	3.2	3.9	7.8	8.8	12.0	14.5	17.6	21.5	22.9	25.6	28.0	35.0
Other	0.9	2.1	2.4	5.6	3.4	4.9	3.7	6.2	5.8	7.0	3.4	5.4	5.5	6.0	5.0
Bunkers	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0	3.0	2.5	2.0	2.0	5.0
Losses	0.5	0.2	0.4	0.1	0.1	0.2	1.9	3.6	4.5	5.0	5.0	5.0	6.0	6.0	10.0
TOTAL	16.9	20.1	24.8	32.8	37.4	51.4	56.2	66.6	74.3	87.3	93.4	101.2	109.7	118.0	135.0

a Estimated.

b Projected.

25X1

25X1

SECRET

25X1

*Domestic Oil Consumption by Fuel Type and by Country, 1970-83 and 85 (continued)* (thousand barrels per day)

Nigeria	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	9.9	12.1	14.1	16.7	20.6	27.5	38.4	43.5	48.0	56.9	69.8	86.1	90.4	95.0	105.0
Kerosene	5.5	6.1	7.1	7.8	8.7	13.1	14.9	17.2	18.1	21.5	34.2	36.0	37.0	39.0	45.0
Distillate	6.9	8.7	10.0	12.1	13.0	14.8	19.7	28.6	31.9	33.6	40.7	46.0	47.0	49.0	55.0
Residual	4.4	5.0	5.3	7.4	7.4	8.1	11.4	9.7	11.8	12.0	14.7	16.2	16.8	17.0	20.0
Other	1.7	2.4	3.3	4.9	4.4	4.6	5.0	12.9	24.2	30.3	11.6	12.4	12.9	13.0	15.0
Bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.0	0.0
Losses	0.5	1.1	0.8	2.6	2.2	0.7	1.3	1.4	1.8	2.0	2.6	3.0	3.1	3.0	5.0
TOTAL	28.9	35.4	40.6	51.5	56.3	68.8	90.7	113.3	135.8	156.3	173.6	200.1	208.1	217.0	245.0

a Estimated.

b Projected.

Qatar	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	0.9	0.9	1.1	1.3	1.4	1.6	2.0	2.6	2.9	3.4	3.9	4.4	5.1	5.0	6.0
Kerosene	0.1	0.1	0.1	0.6	0.8	1.2	1.6	1.6	1.7	1.6	1.6	1.5	1.5	2.0	3.0
Distillate	0.6	0.7	0.8	0.8	1.0	1.4	2.1	2.8	2.8	3.0	3.2	3.7	4.1	4.0	5.0
Residual	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.0
Bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0
Losses	0.0	0.0	0.0	0.1	0.1	0.3	0.1	1.0	0.4	0.4	0.4	0.3	0.5	0.5	2.0
TOTAL	1.6	1.7	2.0	2.8	3.3	4.5	5.8	8.1	8.0	8.7	9.4	10.6	11.9	12.0	16.0

a Estimated.

b Projected.

25X1

25X1

SECRET

**Domestic Oil Consumption by Fuel Type and by Country, 1970-83 and 85 (continued)** (thousand barrels per day)

Saudi Arabia	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	11.6	12.2	13.8	16.3	19.9	26.6	35.3	45.6	57.7	66.5	87.1	102.4	120.4	131.0	155.0
Kerosene	6.5	7.2	8.8	9.9	13.2	16.1	19.1	24.5	26.9	30.8	33.0	37.0	40.4	44.0	50.0
Distillate	15.1	17.2	20.6	26.3	18.5	19.0	31.1	49.4	87.5	98.7	97.6	156.2	193.7	250.0	270.0
Residual	5.1	5.8	6.8	8.7	22.7	36.1	45.2	47.5	67.3	88.9	162.3	201.6	236.6	239.0	240.0
Other	4.2	4.7	4.8	7.0	13.5	19.5	26.4	34.9	40.8	43.0	77.5	62.3	71.0	79.0	95.0
Bunkers	126.6	153.9	156.6	251.9	255.4	149.5	172.2	174.8	131.1	126.0	101.2	69.0	69.8	56.0	75.0
Losses	15.8	16.0	18.4	15.5	19.2	18.8	24.9	25.0	28.0	30.0	35.0	39.5	43.0	45.0	50.0
TOTAL	184.9	217.0	229.8	335.6	362.4	285.6	354.2	401.7	439.3	483.9	593.7	668.0	774.9	844.0	935.0

a Estimated.

b Projected.

United Arab Emirates	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	0.8	0.9	1.2	1.4	1.9	5.2	6.0	8.7	10.2	9.2	13.6	17.9	18.3	20.0	25.0
Kerosene	0.2	0.4	0.5	0.7	1.3	4.3	5.0	7.0	7.3	8.0	11.5	16.2	16.2	17.0	20.0
Distillate	1.2	1.0	1.5	2.5	3.3	15.1	18.7	28.4	31.9	30.0	31.6	41.5	42.5	46.0	50.0
Residual	0.0	0.0	0.0	0.1	0.1	0.1	1.0	3.0	3.6	7.0	19.2	20.9	24.3	26.0	25.0
Other	0.0	0.0	0.0	0.1	0.5	0.9	0.7	0.0	0.0	0.0	0.3	0.3	0.5	1.0	0.0
Bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.1	3.7	3.5	3.0	3.0	5.0
Losses	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.0	1.0	2.0	2.0	5.0	5.0	5.0
TOTAL	2.2	2.3	3.2	4.8	7.1	25.6	31.7	47.9	55.9	58.3	81.9	102.3	109.8	118.0	130.0

a Estimated.

b Projected.

40  
SECRET

SECRET

25X1

**Domestic Oil Consumption by Fuel Type and by Country, 1970-83 and 85 (continued)** (thousand barrels per day)

Venezuela	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 a	1983 a	1985 b
Gasoline	70.5	74.8	80.7	87.4	94.7	105.3	117.1	131.4	143.1	152.6	158.5	163.4	168.1	165.0	175.0
Kerosene	11.8	11.8	12.0	11.5	11.6	11.9	12.9	13.6	13.7	14.6	13.9	13.5	14.4	15.0	15.0
Distillate	22.6	25.7	28.5	35.3	38.9	41.5	45.6	45.5	58.1	65.8	76.5	80.4	83.2	85.0	100.0
Residual	16.4	18.0	22.0	25.9	21.8	23.0	22.3	17.6	23.7	36.5	54.8	61.4	62.2	65.0	70.0
Other	26.9	28.0	34.6	36.9	30.2	28.1	36.9	38.1	37.4	33.8	44.7	43.2	52.1	57.0	60.0
Bunkers	52.2	52.6	50.4	48.8	44.1	25.3	24.8	24.4	23.1	27.2	18.7	19.3	17.4	18.0	20.0
Losses	21.6	22.7	18.4	25.5	30.1	24.0	19.5	19.4	22.7	20.0	25.7	26.7	27.8	28.0	30.0
<b>TOTAL</b>	<b>222.0</b>	<b>233.6</b>	<b>246.6</b>	<b>271.3</b>	<b>271.4</b>	<b>259.1</b>	<b>279.1</b>	<b>290.0</b>	<b>321.8</b>	<b>350.5</b>	<b>392.8</b>	<b>407.9</b>	<b>425.2</b>	<b>433.0</b>	<b>470.0</b>

a Estimated.

b Projected.

25X1

SECRET

25X1

*Crude Oil Reserves by Country, 1960-85**(million barrels)*

Year	Saudi		Neutral		United Arab										Total OPEC		
	Arabia	Kuwait	Zone	a	Iran	Iraq	Venezuela	Qatar	Libya	Indonesia	Emirates	b	Algeria	Nigeria		Ecuador	Gabon
1960	50,000	62,000	6,500	35,000	25,000	18,000	c	c	c	c	c	c	c	c	c	c	196,500
1961	50,000	62,000	6,000	35,000	27,000	18,500	2,500	c	c	c	c	c	c	c	c	c	201,000
1962	52,000	62,000	6,000	35,000	26,500	17,550	2,750	3,000	9,500	c	c	c	c	c	c	c	214,300
1963	52,000	63,000	7,500	37,000	26,000	17,000	3,000	4,500	10,000	c	c	c	c	c	c	c	220,000
1964	60,000	63,500	10,000	37,000	25,500	17,000	2,950	7,000	10,000	c	c	c	c	c	c	c	232,950
1965	60,500	63,000	12,500	38,000	25,000	17,000	3,500	9,000	10,000	c	c	c	c	c	c	c	238,500
1966	60,000	62,500	12,400	40,000	25,000	17,250	3,000	10,000	9,500	c	c	c	c	c	c	c	239,650
1967	66,000	68,700	13,000	44,200	24,000	17,400	4,000	20,000	9,100	12,500	c	c	c	c	c	c	278,900
1968	74,700	70,000	13,500	43,800	23,500	17,000	3,750	29,200	9,000	15,000	c	c	c	c	c	c	299,450
1969	77,000	69,000	15,000	54,000	28,000	15,500	3,875	30,000	8,850	18,000	7,000	c	c	c	c	c	326,225
1970	140,000	68,000	13,000	55,000	27,500	14,750	5,500	35,000	9,000	16,000	8,000	c	c	c	c	c	391,750
1971	128,500	67,100	25,700	70,000	32,000	14,000	4,300	29,200	10,000	11,800	30,000	9,300	c	c	c	c	431,900
1972	145,300	66,023	24,350	55,500	35,900	13,900	6,000	25,000	10,400	18,948	12,250	11,680	c	c	c	c	425,251
1973	138,000	64,900	16,000	65,000	29,000	13,700	7,000	30,400	10,005	20,768	47,000	15,000	5,750	1,100	463,623		
1974	132,000	64,000	17,500	60,000	31,500	14,000	6,500	25,500	10,500	25,500	7,640	20,000	5,675	1,500	421,815		
1975	164,500	72,800	17,300	66,000	35,000	15,000	6,000	26,600	15,000	33,920	7,700	20,900	2,500	1,750	484,970		
1976	148,600	68,000	6,400	64,500	34,300	17,700	5,850	26,100	14,000	32,200	7,370	20,200	2,450	2,200	449,870		
1977	151,400	67,400	6,300	63,000	34,000	15,270	5,700	25,500	10,500	31,200	6,800	19,500	1,700	2,125	440,395		
1978	150,000	67,000	6,200	62,000	34,500	18,200	5,600	25,000	10,000	32,425	6,600	18,700	1,640	2,050	439,915		
1979	165,700	66,200	6,480	59,000	32,100	18,000	4,000	24,300	10,200	31,316	6,300	18,200	1,170	1,970	444,936		
1980	163,350	65,400	6,260	58,000	31,000	17,870	3,760	23,500	9,600	29,411	8,440	17,400	1,100	500	435,591		
1981	165,000	64,900	6,060	57,500	30,000	17,950	3,585	23,000	9,500	30,410	8,200	16,700	1,100	450	434,355		
1982	164,600	64,480	6,500	57,000	29,700	20,300	3,434	22,600	9,800	32,176	8,080	16,500	850	480	436,500		
1983	162,400	64,230	5,840	55,308	41,000	21,500	3,425	21,500	9,550	32,354	9,440	16,750	1,400	460	445,157		
1984	166,000	63,900	5,695	51,000	43,000	24,850	3,330	21,370	9,100	32,240	9,220	16,550	1,675	490	448,420		
1985	169,000	90,000	5,420	48,500	44,500	25,845	3,350	21,100	8,650	32,390	9,000	16,650	1,400	510	476,315		

a Saudi Arabia and Kuwait shared the production from the Neutral Zone equally.

b Figures reflect only Abu Dhabi reserves until 1974; thereafter the United Arab Emirates includes Dubayy and Sharjah.

c Not applicable.

Source: Oil and Gas Journal.

25X1

SECRET

25X1

*Exports of Crude Oil and Products, 1970-83**(thousand barrels per day)*

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Algeria	974.3	687.6	996.8	968.0	814.6	838.8	945.7	990.0	1,151.8	1,112.9	930.4	821.7	616.8	793.7
Ecuador	0.6	1.6	70.3	197.1	194.5	160.0	178.0	132.6	143.4	150.0	140.8	82.4	108.3	131.3
Gabon	83.8	108.4	117.6	132.5	189.8	211.9	225.3	192.9	179.1	183.5	177.6	148.5	113.8	125.5
Indonesia	625.4	748.5	942.8	1,195.8	1,171.8	1,176.0	1,391.6	1,523.1	1,462.9	1,329.0	1,208.1	1,370.5	924.6	1,062.0
Iran	3,309.3	4,173.4	4,675.2	5,594.4	5,661.7	5,073.1	5,487.5	5,307.6	4,637.7	2,575.8	799.0	714.6	1,623.2	1,198.7
Iraq	1,495.8	1,618.9	1,085.0	1,398.0	1,260.0	1,719.6	2,147.0	2,161.7	2,505.8	3,006.6	2,561.7	737.4	805.1	516.3
Kuwait	2,579.9	3,009.4	3,082.5	3,146.3	2,357.7	2,070.8	2,054.8	1,977.0	2,082.1	2,483.7	1,314.6	813.8	707.4	662.3
Libya	3,312.1	2,747.4	2,214.2	2,162.8	1,444.4	1,279.6	1,677.9	1,907.3	1,759.3	1,947.0	1,774.5	1,216.0	894.2	859.8
Nigeria	1,049.6	1,486.4	1,756.1	1,978.1	2,625.3	1,894.0	2,152.5	2,284.6	2,071.3	2,508.6	2,280.1	1,212.0	979.0	1,002.4
Qatar	362.8	428.6	481.7	570.3	511.2	428.3	527.6	405.8	477.6	515.6	473.1	206.0	205.0	268.8
Saudi Arabia	3,216.9	4,254.7	5,405.5	6,792.6	7,882.8	7,232.3	8,793.1	8,975.8	7,477.6	7,980.9	8,053.4	8,311.8	5,582.0	3,503.0
United Arab Emirates	694.8	927.6	1,049.8	1,293.4	573.8	528.7	677.9	648.7	814.6	1,434.0	1,336.7	1,065.7	807.8	1,077.3
Venezuela	2,434.6	3,282.3	3,064.9	3,150.2	3,275.9	2,472.1	2,455.4	2,201.8	2,175.7	2,339.8	1,854.5	1,925.7	1,508.5	1,309.8
Total OPEC	20,139.9	23,474.8	24,942.4	28,579.5	27,963.5	25,085.2	28,714.3	28,708.9	26,938.9	27,567.4	22,904.5	18,626.1	14,202.8	12,653.3

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

25X1

*Algeria: Exports of Crude Oil and Products by Destination, 1970-83* (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	7.0	1.1	83.0	140.0	210.0	290.0	451.0	559.0	652.0	643.0	484.0	320.0	104.2	256.0
of which:														
Canada	b	b	1.3	b	10.0	b	14.0	b	b	9.0	b	17.0	3.0	16.0
United States	7.0	1.1	81.7	140.0	200.0	290.0	437.0	559.0	652.0	634.0	484.0	303.0	101.2	240.0
LATIN AMERICA	38.6	40.9	40.1	11.6	33.8	27.7	29.9	29.4	52.4	15.3	13.6	21.8	16.7	10.7
of which:														
Argentina	b	0.8	b	2.9	b	0.7	b	b	b	b	b	b	b	b
Brazil	32.7	38.5	37.3	b	23.0	16.2	13.8	2.6	10.7	4.4	6.9	19.1	15.2	9.6
WESTERN EUROPE	878.9	604.8	829.2	780.0	483.9	463.7	441.0	380.6	409.2	429.2	385.8	421.4	478.7	517.0
of which:														
Austria	2.2	6.9	2.3	b	1.1	b	b	b	b	b	b	b	b	b
Belgium	24.2	48.7	53.3	4.5	16.8	21.1	14.0	17.6	10.2	9.2	9.8	2.4	3.4	b
Denmark	b	b	1.0	6.8	4.7	b	b	b	b	b	b	b	b	b
France	566.3	151.8	320.1	230.0	180.0	120.0	94.0	98.0	75.0	102.0	92.0	112.0	167.0	136.0
Germany	182.3	200.1	199.5	280.0	190.0	210.0	213.0	199.0	199.0	196.0	151.0	148.0	34.6	96.0
Italy	29.5	65.1	76.2	a	a	60.0	70.0	30.0	82.0	59.0	51.0	76.0	101.6	56.0
Netherlands	0.6	56.1	33.3	20.0	a	10.0	3.0	6.0	11.0	18.0	32.0	31.0	98.3	73.0
Spain	26.7	42.5	88.2	110.0	70.0	10.0	28.0	23.0	25.0	30.0	41.0	39.0	28.2	60.0
Sweden	a	11.5	a	15.2	6.4	1.2	b	b	b	b	b	b	b	b
Switzerland	17.3	11.0	16.9	13.9	6.0	1.4	b	b	b	b	b	b	b	b
United Kingdom	26.3	9.6	21.2	50.0	10.0	30.0	19.0	7.0	7.0	15.0	9.0	13.0	13.2	21.0
EASTERN EUROPE	14.8	21.1	23.7	8.2	17.8	18.7	8.7	3.6	21.1	12.8	9.0	b	1.4	b
MIDDLE EAST	b	b	b	b	b	b	b	b	b	b	b	b	b	5.2
AFRICA	35.0	19.7	20.9	27.1	56.1	26.4	12.2	9.7	10.1	6.6	8.0	11.5	13.6	10.0
of which:														
Egypt	b	b	b	5.6	37.3	b	b	b	b	b	b	b	b	b
Ivory Coast	10.2	2.4	b	b	b	2.7	b	b	b	b	b	b	b	b
Morocco	18.3	15.4	17.0	21.4	12.4	b	b	b	b	b	b	b	b	b
Senegal	5.9	1.9	0.7	b	b	b	1.1	6.5	3.9	3.1	2.2	2.3	2.2	2.0

a Prior to 1978, includes condensates.

b Not available.



**SECRET**

25X1

*Algeria: Exports of Crude Oil and Products by Destination, 1970-83 (continued)* *(thousand barrels per day)*

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
ASIA & FAR EAST	b	b	b	b	13.0	14.4	5.1	7.7	7.0	6.0	30.0	47.0	2.2	b
of which:														
Japan	b	b	b	b	10.0	10.0	2.0	3.0	7.0	6.0	30.0	47.0	b	b
TOTAL c	974.3	687.6	996.9	968.0	814.6	838.8	945.7	990.0	1,151.8	1,112.9	930.4	821.7	616.8	793.7

a Prior to 1978 includes condensates.

b Not available.

c Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

**SECRET**

SECRET

25X1

**Ecuador: Exports of Crude Oil and Products by Destination, 1970-83** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	
NORTH AMERICA	a	0.9	28.2	57.7	80.0	70.0	65.0	58.0	65.0	49.0	48.0	27.0	44.0	61.0	
of which:															
Canada	a	a	10.3	3.6	10.0	a	2.0	a	1.0	a	17.0	1.0	2.0	a	
United States	a	0.9	17.9	54.1	70.0	70.0	63.0	58.0	64.0	49.0	31.0	26.0	42.0	61.0	
LATIN AMERICA	0.6	0.7	42.1	139.4	114.5	90.0	113.0	74.6	76.2	101.0	66.6	23.3	33.9	47.6	
of which:															
Argentina	0.6	0.7	0.6	a	a	a	a	2.4	a	a	a	a	a	a	
Brazil	a	a	1.9	0.7	a	a	a	a	2.0	a	2.4	5.0	12.5	a	
Chile	a	a	4.0	10.8	14.9	15.5	14.1	15.5	11.2	13.7	14.3	2.5	a	2.4	
Colombia	a	a	a	a	a	a	9.6	a	6.7	1.3	a	a	1.0	8.3	
Antilles	a	a	0.6	17.6	5.6	0.7	11.4	1.7	5.6	59.2	47.9	6.6	1.0	3.6	
Panama	a	a	8.5	30.6	29.5	31.1	34.5	25.4	42.7	25.8	2.0	1.5	5.9	20.3	
Peru	a	a	2.4	17.5	17.1	31.5	33.8	24.1	a	a	a	a	a	a	
Puerto Rico	a	a	5.5	5.3	a	11.2	2.8	4.6	3.2	a	a	a	4.9	11.0	
Trinidad & Tobago	a	a	18.6	45.0	a	a	6.2	a	a	a	a	a	6.2	a	
Uruguay	a	a	a	a	a	a	a	a	a	a	a	7.7	2.4	a	
WESTERN EUROPE	a	a	a	a	a	a	a	a	a	a	5.0	1.0	2.0	1.0	
of which:															
Italy	a	a	a	a	a	a	a	a	a	a	a	1.0	1.0	a	
Netherlands	a	a	a	a	a	a	a	a	a	a	a	a	1.0	a	
Spain	a	a	a	a	a	a	a	a	a	a	1.0	a	a	a	
ASIA & FAR EAST	a	a	a	a	a	a	a	a	2.2	a	21.2	31.1	28.4	21.7	
of which:															
Japan	a	a	a	a	a	a	a	a	a	a	17.0	26.0	a	a	
TOTAL	b	0.6	1.6	70.3	197.1	194.5	160.0	178.0	132.6	143.4	150.0	140.8	82.4	108.3	131.3

a Not available.

b Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

25X1

**Gabon: Exports of Crude Oil and Products by Destination, 1970-83** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	0.01	0.7	23.5	15.5	45.3	39.2	58.0	59.0	49.0	48.0	34.0	45.0	40.0	59.0
of which:														
Canada	a	a	a	a	a	a	12.0	a	a	a	a	a	a	a
United States	0.01	0.7	23.5	15.5	45.3	39.2	46.0	59.0	49.0	48.0	34.0	45.0	40.0	59.0
LATIN AMERICA	33.5	29.6	25.3	30.1	39.3	60.4	76.6	74.9	67.1	63.4	61.2	38.4	13.9	8.0
of which:														
Brazil	a	a	a	a	a	a	25.3	28.7	20.2	14.2	21.0	15.9	a	a
Netherlands Antilles	25.1	23.6	21.3	n/a	9.8	22.4	12.4	11.1	a	3.6	a	a	a	a
WESTERN EUROPE	38.4	54.3	52.1	68.5	93.5	100.9	65.9	59.0	63.0	68.0	80.0	56.0	53.0	55.0
of which:														
Belgium	2.2	9.5	3.4	1.3	5.1	3.3	0.9	a	a	a	a	a	a	a
France	28.8	36.4	40.8	33.1	45.7	29.8	29.0	38.0	23.0	29.0	28.0	16.0	24.0	11.0
West Germany	2.1	a	a	6.2	10.4	13.8	11.0	8.0	22.0	18.0	18.0	7.0	6.0	3.0
Italy	a	0.8	2.2	a	8.8	9.8	n/a	2.0	3.0	2.0	8.0	5.0	1.0	9.0
Netherlands	5.3	4.9	4.4	12.5	2.4	6.9	3.0	a	8.0	a	3.0	13.0	13.0	10.0
United Kingdom	a	a	1.3	12.2	17.7	1.3	1.0	a	a	a	1.0	6.0	3.0	9.0
Spain	a	a	a	a	a	a	21.0	5.0	a	a	20.0	9.0	4.0	13.0
EASTERN EUROPE	a	a	a	a	a	a	a	a	a	4.1	1.0	a	1.4	a
of which:														
Romania	a	a	a	a	a	a	a	a	a	4.1	1.0	a	1.4	a
AFRICA	11.9	23.8	16.7	18.4	10.9	11.4	24.8	a	a	a	a	3.0	1.5	1.5
of which:														
Ghana	a	a	a	3.1	a	a	a	a	a	a	a	a	a	a
Ivory Coast	4.0	4.3	0.7	1.0	1.2	2.7	2.8	a	a	a	a	a	a	a
Senegal	6.2	6.1	1.7	a	0.6	1.4	a	a	a	a	a	1.0	a	a
Sierra Leone	1.7	1.0	1.7	0.7	a	a	a	a	a	a	a	a	a	a
ASIA & FAR EAST	a	a	a	a	0.8	a	a	a	a	a	1.4	6.1	4.0	2.0
TOTAL b	83.8	108.4	117.6	132.5	189.8	211.9	225.3	192.9	179.1	183.5	177.6	148.5	113.8	125.5

a Not available.

b Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

25X1

*Indonesia: Exports of Crude Oil and Products by Destination, 1970-83* (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	68.4	112.6	163.8	250.0	300.0	450.0	573.0	568.0	634.0	423.0	352.0	386.0	248.0	338.0
of which:														
United States	68.4	112.6	163.8	250.0	300.0	450.0	573.0	568.0	634.0	423.0	352.0	386.0	248.0	338.0
LATIN AMERICA	20.3	15.0	52.5	51.4	104.0	126.0	139.2	113.3	153.6	69.4	87.2	159.4	74.1	89.4
of which:														
Trinidad & Tobago	18.8	14.7	51.8	51.0	97.5	103.4	122.5	102.0	119.8	69.4	68.6	78.8	52.0	78.7
WESTERN EUROPE	a	0.1	28.7	13.0	0.1	12.6	4.0	16.0	19.0	13.0	9.0	37.0	6.0	8.0
of which:														
France	a	a	a	a	a	a	a	a	a	2.0	4.0	a	1.0	a
Italy	a	a	7.1	7.4	a	a	a	a	2.0	1.0	5.0	24.0	2.0	a
Netherlands	a	0.1	0.1	0.2	0.1	9.4	a	2.0	a	1.0	a	10.0	a	1.0
West Germany	a	a	a	a	a	a	4.0	14.0	17.0	9.0	a	3.0	a	a
United Kingdom	a	a	a	a	a	a	a	a	a	a	a	a	1.0	7.0
ASIA & FAR EAST	490.5	609.5	696.7	881.3	767.6	587.4	673.3	824.2	641.7	802.4	731.7	739.5	539.0	617.3
of which:														
Japan	447.3	557.6	676.8	840.0	760.0	560.0	613.0	721.0	n/a	764.0	702.0	705.0	468.4	571.0
Philippines	43.2	37.7	7.7	a	a	17.5	22.6	28.6	31.4	22.0	18.3	14.2	7.6	14.3
Singapore	a	9.7	6.0	11.9	7.6	7.0	16.7	37.4	25.8	16.4	11.4	20.3	21.2	32.0
OCEANIA	46.2	11.3	1.1	0.1	0.1	a	2.1	1.6	14.6	21.2	28.2	48.6	57.5	9.3
of which:														
Australia	46.2	9.6	1.0	a	a	a	2.1	1.6	14.6	17.2	25.7	32.5	41.6	9.3
TOTAL b	625.4	748.5	942.8	1,195.8	1,171.8	1,176.0	1,391.6	1,523.1	1,462.9	1,329.0	1,208.1	1,370.5	924.6	1,062.0

a Not available.

b Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

25X1

**Iran: Exports of Crude Oil and Products by Destination, 1970-83** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	67.1	159.4	272.3	600.0	910.0	700.0	710.0	904.0	898.0	485.0	25.0	n/a	59.6	91.2
of which:														
Canada	b	66.8	46.4	180.0	200.0	200.0	162.0	118.0	117.0	45.0	1.0	n/a	7.8	43.2
United States	b	92.6	225.9	420.0	710.0	500.0	548.0	786.0	781.0	440.0	24.0	n/a	51.8	48.0
LATIN AMERICA	2.0	190.7	163.8	269.4	356.2	195.3	417.4	443.5	226.3	373.0	56.5	67.3	77.1	50.0
WESTERN EUROPE	729.6	978.9	1,633.2	2,150.0	2,180.0	1,950.0	2,440.0	1,855.0	2,053.0	898.5	364.3	331.7	835.8	663.5
of which:														
Belgium	b	22.7	12.8	100.0	90.0	110.0	73.0	b	b	b	b	b	b	b
Denmark	b	19.1	2.2	0.4	2.7	b	46.5	55.7	33.3	15.3	b	b	1.2	2.5
France	b	125.7	172.8	220.0	170.0	270.0	291.0	189.0	209.0	140.0	53.0	30.4	74.7	85.0
West Germany	b	54.6	32.4	270.0	260.0	290.0	383.0	315.0	347.0	233.0	115.0	30.4	45.9	41.0
Italy	b	51.0	243.2	330.0	170.0	270.0	290.0	293.0	294.0	47.0	69.0	55.9	260.5	238.0
Netherlands	b	119.0	191.5	440.0	800.0	350.0	327.0	273.0	325.0	112.0	23.0	9.4	143.4	138.0
Portugal	b	7.8	6.1	10.1	39.6	b	b	b	b	b	b	b	b	b
Spain	b	24.7	6.1	120.0	60.0	70.0	179.0	245.0	b	89.0	63.0	101.6	125.9	147.0
United Kingdom	b	484.5	709.4	460.0	290.0	360.0	399.0	259.0	185.0	66.0	19.0	25.6	51.2	12.0
EASTERN EUROPE	b	b	10.0	4.3	b	b	79.1	117.4	72.7	63.7	9.7	11.5	76.0	b
MIDDLE EAST	b	82.4	88.0	205.1	185.9	57.2	130.4	159.5	61.5	46.9	7.1	8.4	180.0	b
AFRICA	290.6	244.7	244.6	242.5	321.9	359.4	333.3	366.6	237.7	28.5	4.3	5.1	6.5	b
ASIA & FAR EAST	1,806.6	2,038.2	2,119.2	2,081.4	1,642.1	1,525.4	1,294.8	1,307.7	1,066.9	668.6	328.0	286.9	380.0	394.0
of which:														
Japan	1,457.1	1,687.3	1,720.4	1,730.0	1,240.0	1,180.0	974.0	870.0	852.0	520.0	334.0	137.2	230.3	394.0
India	b	160.4	199.1	197.8	131.4	b	b	b	b	b	b	b	b	b
Pakistan	b	42.7	26.9	16.8	1.3	b	b	b	b	b	b	b	b	b
Singapore	b	52.5	97.3	88.8	104.7	b	b	b	b	b	b	b	b	b
OCEANIA	20.3	31.6	35.3	44.0	44.9	44.8	43.0	34.1	21.6	11.6	4.1	3.7	8.2	b
of which:														
Australia	b	9.8	10.0	25.0	16.5	b	17.2	b	b	2.7	1.0	b	8.2	b

a Prior to 1978 includes condensates.

b Not available.

**SECRET**

25X1

**Iran: Exports of Crude Oil and Products by Destination, 1970-83 (continued)** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Unspecified Destination	393.1	447.5	108.8	2.0	20.7	241.0	39.5	119.8	b	b	b	b	b	b
<b>TOTAL c</b>	<b>3,309.3</b>	<b>4,173.4</b>	<b>4,675.2</b>	<b>5,594.4</b>	<b>5,661.7</b>	<b>5,073.1</b>	<b>5,487.5</b>	<b>5,307.6</b>	<b>4,637.7</b>	<b>2,575.8</b>	<b>799.0</b>	<b>714.6</b>	<b>1,623.2</b>	<b>1,198.7</b>

a Prior to 1978 includes condensates.

b Not available.

c Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

25X1

*Iraq: Exports of Crude Oil and Products by Destination, 1970-83* (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	23.8	40.1	19.6	43.0	20.0	40.0	71.0	114.0	101.0	116.0	118.0	19.0	3.0	10.0
of which:														
Canada	a	a	1.3	22.0	10.0	30.0	33.0	18.0	25.0	8.0	19.0	a	a	a
United States	23.8	40.1	18.3	21.0	10.0	10.0	38.0	96.0	76.0	108.0	99.0	19.0	3.0	10.0
LATIN AMERICA	70.6	66.3	150.7	150.0	150.0	199.9	331.5	228.0	234.4	344.6	269.5	72.1	160.0	178.0
of which:														
Brazil	66.3	61.0	128.3	100.0	100.0	100.0	100.0	150.0	150.0	150.0	150.0	72.1	160.0	178.0
WESTERN EUROPE	1,221.7	1,303.9	742.6	1,055.0	880.0	920.0	1,222.0	1,221.0	1,552.0	1,665.0	1,345.0	430.0	417.0	226.3
of which:														
Belgium	20.0	40.2	14.1	0.0	a	a	a	a	a	a	a	a	a	a
France	244.5	333.8	213.0	374.0	340.0	240.0	327.0	365.0	411.0	489.0	466.0	46.0	30.0	41.0
West Germany	57.9	58.3	27.3	32.0	80.0	30.0	35.0	22.0	58.0	45.0	59.0	4.0	16.0	29.0
Italy	457.6	383.7	204.7	370.0	200.0	350.0	318.0	274.0	379.0	448.0	236.0	156.0	114.0	95.0
Netherlands	106.4	103.3	27.0	13.0	a	40.0	34.0	69.0	80.0	40.0	15.0	2.0	7.0	3.0
Portugal	43.6	37.7	59.6	a	a	a	a	44.6	49.6	65.3	62.5	28.6	24.8	15.3
Spain	54.5	60.0	29.1	47.0	60.0	100.0	87.0	111.0	116.0	117.0	123.0	46.0	58.0	41.0
United Kingdom	52.3	71.2	74.3	48.0	60.0	50.0	105.0	110.0	180.0	119.0	108.0	8.0	21.0	2.0
Turkey	58.9	49.1	22.1	32.0	a	a	a	a	a	a	a	a	a	a
EASTERN EUROPE	8.5	13.5	2.6	5.0	50.0	166.4	222.9	205.7	211.3	310.8	243.0	65.4	47.5	30.0
of which:														
Romania	8.5	11.5	0.3	a	a	a	a	a	a	a	a	a	a	a
MIDDLE EAST	67.1	59.1	18.6	20.0	50.0	101.1	42.7	34.6	35.6	52.3	40.9	10.9	35.0	25.0
AFRICA	69.9	79.0	79.8	50.0	50.0	86.5	55.1	68.3	70.1	103.2	80.6	21.2	15.5	10.0
ASIA & FAR EAST	5.1	14.3	35.9	50.0	50.0	194.0	190.2	263.5	270.8	398.3	448.1	118.8	127.1	37.0
of which:														
Japan	a	2.8	5.0	2.0	50.0	90.0	128.0	151.0	153.0	265.0	340.0	58.0	62.0	9.6
Philippines	0.6	7.2	5.5	a	a	a	a	a	a	a	a	a	a	a
OCEANIA	29.1	42.7	35.2	25.0	10.0	11.7	11.6	26.6	30.6	16.4	16.6	a	a	a
of which:														
Australia	29.1	42.7	35.2	25.0	10.0	6.5	11.6	26.6	30.6	16.4	16.6	a	a	a
TOTAL b	1,495.8	1,618.9	1,085.0	1,398.0	1,260.0	1,719.6	2,147.0	2,161.7	2,505.8	3,006.6	2,561.7	737.4	805.1	516.3

a Not available.

b Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

25X1

**Kuwait: Exports of Crude Oil and Products by Destination, 1970-83 a** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	42.3	38.6	47.2	160.0	40.0	60.0	15.0	59.0	11.0	48.0	33.0	6.4	b	16.0
of which:														
Canada	b	b	b	b	20.0	30.0	6.0	4.0	b	18.0	11.0	6.4	b	3.0
United States	42.3	38.6	42.2	160.0	20.0	30.0	9.0	55.0	11.0	30.0	22.0	b	b	13.0
LATIN AMERICA	55.3	83.8	69.7	81.8	69.7	132.2	136.8	146.7	79.1	60.2	88.9	24.8	26.4	22.6
of which:														
Argentina	b	22.0	5.6	9.6	b	1.6	0.9	13.6	b	b	b	b	b	b
Brazil	32.7	40.6	40.0	55.8	51.1	105.7	133.3	130.4	71.3	52.3	63.5	24.8	18.6	b
Uruguay	15.7	18.4	19.1	15.4	18.7	22.1	b	2.7	7.8	5.0	b	b	b	b
WESTERN EUROPE	1,595.0	1,689.9	1,694.5	1,700.0	1,060.0	790.0	702.0	656.0	799.0	870.0	460.0	164.3	165.4	205.0
of which:														
Belgium	59.9	51.8	10.0	120.0	60.0	60.0	8.0	b	b	b	b	b	b	b
Denmark	b	2.3	8.9	b	b	b	b	b	b	b	b	b	b	b
France	216.4	230.2	340.0	320.0	250.0	130.0	86.0	72.0	48.0	97.0	59.0	19.5	b	20.0
Germany	83.1	90.0	88.3	90.0	90.0	60.0	38.0	29.0	44.0	63.0	27.0	8.2	b	28.0
Ireland	b	b	b	b	b	b	b	b	b	b	b	2.8	b	b
Italy	251.1	243.8	274.4	200.0	100.0	90.0	13.0	152.0	212.0	233.0	58.0	6.9	24.3	87.0
Netherlands	218.7	247.0	302.0	380.0	20.0	130.0	111.0	123.0	149.0	183.0	137.0	75.7	25.3	63.0
Spain	20.2	39.4	15.4	90.0	40.0	10.0	58.0	24.0	37.0	b	18.0	6.0	12.6	1.0
United Kingdom	510.9	549.1	507.2	400.0	350.0	220.0	229.0	184.0	226.0	216.0	116.0	44.7	b	6.0
EASTERN EUROPE	b	b	b	b	b	32.8	31.5	26.0	22.8	0.9	11.2	21.2	b	b
MIDDLE EAST	53.1	42.1	b	33.8	42.0	20.0	48.5	87.8	96.6	126.3	14.7	15.5	23.2	b
of which:														
South Yemen	43.2	24.5	b	11.2	22.3	5.7	11.5	12.7	11.6	15.4	4.8	8.7	b	b
AFRICA	3.0	3.7	b	4.1	5.1	1.0	6.7	1.8	5.9	40.9	11.6	13.4	15.3	7.9
of which:														
Kenya	2.1	1.1	0.9	b	b	b	b	b	b	b	b	b	b	b

a Prior to 1978 includes condensates.

b Not available.



**SECRET**

25X1

***Kuwait: Exports of Crude Oil and Products by Destination, 1970-83 a (continued) (thousand barrels per day)***

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
ASIA & FAR EAST	729.4	1,052.8	1,172.8	1,049.4	1,041.7	973.5	1,043.1	949.4	1,025.2	1,284.2	678.4	557.8	391.6	382.2
of which:														
Japan	468.9	619.2	709.3	540.0	590.0	480.0	450.0	518.0	508.0	604.0	283.0	246.3	83.0	120.0
India	b	7.1	9.1	15.0	10.0	9.1	17.9	13.7	15.0	10.6	1.0	b	b	b
Pakistan	43.3	b	b	b	b	b	b	b	b	b	b	b	b	b
Singapore	111.2	153.6	189.3	164.0	145.0	94.3	71.9	49.5	48.9	164.1	131.1	b	b	b
Philippines	b	43.3	31.3	52.5	41.2	36.4	55.3	39.2	35.2	46.0	22.9	18.6	18.7	b
South Korea	48.9	125.6	124.8	84.2	49.7	164.7	164.0	141.9	154.1	167.8	135.8	99.7	50.7	b
Thailand	b	b	b	49.0	33.3	14.1	11.7	10.3	1.4	b	2.8	b	b	b
Taiwan	55.9	73.4	63.6	79.0	79.6	97.4	158.8	136.3	149.7	170.4	152.0	137.7	102.0	b
OCEANIA	101.8	95.3	93.2	111.1	99.2	58.3	67.7	50.3	42.5	53.2	16.8	10.4	30.0	12.6
of which:														
Australia	76.5	60.3	50.2	61.7	58.2	39.1	54.9	46.8	36.3	45.4	10.9	8.8	0.3	b
New Zealand	25.3	35.0	43.0	49.4	41.0	19.2	11.6	3.5	6.2	7.8	6.0	1.6	b	b
Unspecified	b	3.2	5.1	6.1	b	3.0	3.5	b	b	b	b	b	55.5	16.0
Destination														
TOTAL c	2,579.9	3,009.4	3,082.5	3,146.3	2,357.7	2,070.8	2,054.8	1,977.0	2,082.1	2,483.7	1,314.6	813.8	707.4	662.3

a Prior to 1978 includes condensates.

b Not available.

c Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

25X1

*Libya: Exports of Crude Oil and Products by Destination, 1970-83 a* (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	94.0	166.8	208.9	242.6	160.0	340.0	557.0	837.0	751.0	809.0	722.0	440.0	27.0	5.0
of which:														
Canada	b	13.5	35.3	34.5	10.0	10.0	25.0	b	b	7.0	6.0	8.0	1.0	5.0
United States	94.0	153.3	173.6	208.1	150.0	330.0	532.0	837.0	751.0	802.0	716.0	432.0	26.0	b
LATIN AMERICA	93.2	183.2	194.1	132.6	150.0	169.9	103.1	115.7	63.7	133.3	131.6	32.3	22.0	14.0
of which:														
Bahamas	32.8	97.5	113.2	87.1	38.1	71.9	30.6	43.7	10.6	63.1	b	b	b	b
Brazil	12.3	13.9	10.3	34.3	68.6	43.7	32.6	28.1	15.1	6.4	b	b	b	b
Trinidad & Tobago	48.1	71.7	70.6	9.8	b	13.2	b	b	5.6	1.8	b	b	b	b
WESTERN EUROPE	3,115.7	2,368.1	1,738.7	1,672.8	1,036.8	667.7	909.1	905.3	884.1	928.9	775.2	605.7	762.8	782.8
of which:														
Austria	0.9	1.5	12.7	12.4	11.1	2.8	13.1	1.7	20.2	18.4	22.4	12.8	22.8	13.3
Belgium	128.4	69.9	25.8	54.5	29.7	5.6	6.1	3.9	3.3	9.4	4.0	1.9	60.0	46.6
Denmark	23.8	7.7	1.9	3.5	5.1	2.8	0.4	2.2	b	1.2	b	b	b	1.3
France	421.4	347.5	196.1	121.5	70.0	40.0	63.0	55.0	67.0	83.0	41.0	32.0	50.0	63.0
West Germany	686.2	507.7	553.4	497.7	350.0	300.0	424.0	394.0	307.0	358.0	311.0	216.0	226.0	212.0
Italy	806.3	657.3	441.9	567.5	320.0	190.0	237.0	296.0	304.0	306.0	251.0	214.0	219.0	219.0
Netherlands	302.4	143.4	103.6	86.1	10.0	10.0	12.0	23.0	36.0	24.0	19.0	19.0	39.0	82.0
Spain	146.6	124.7	56.3	34.6	40.0	50.0	89.0	83.0	114.0	110.0	97.0	91.0	81.0	79.0
Switzerland	49.0	44.8	36.8	32.5	20.9	6.5	7.5	2.5	1.6	6.9	22.8	10.0	19.0	36.6
United Kingdom	493.1	446.7	300.2	262.5	180.0	60.0	57.0	44.0	31.0	12.0	7.0	9.0	46.0	30.0
EASTERN EUROPE	1.2	11.0	65.9	77.8	9.3	24.5	54.2	27.3	50.3	65.8	50.0	47.7	42.0	33.0
of which:														
Bulgaria	b	8.9	11.6	16.5	5.3	2.3	4.4	5.9	7.2	9.9	b	b	b	b
Romania	1.2	2.1	16.4	26.0	4.0	17.3	34.1	17.6	43.1	43.9	b	b	b	b
MIDDLE EAST	b	b	b	0.1	0.4	0.7	2.7	0.2	0.6	1.0	68.8	64.7	28.0	18.0
AFRICA	b	11.0	b	16.6	14.4	16.8	3.1	1.8	6.6	2.0	2.3	n/a	7.5	5.0
of which:														
Egypt	b	11.0	b	16.0	3.5	1.2	1.0	0.5	b	b	b	b	b	b

a Prior to 1978 includes condensates.

b Not available.

SECRET

25X1

**Libya: Exports of Crude Oil and Products by Destination, 1970-83** a (continued) (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
ASIA & FAR EAST	8.0	7.3	6.6	20.3	73.5	60.0	48.7	20.0	3.0	7.0	24.6	25.6	4.9	2.0
of which:														
Japan	8.0	7.3	6.6	20.3	70.0	60.0	41.0	20.0	3.0	7.0	23.0	21.0	2.6	b
TOTAL c	3,312.1	2,747.4	2,214.2	2,162.8	1,444.4	1,279.6	1,677.9	1,907.3	1,759.3	1,947.0	1,774.5	1,216.0	894.2	859.8

a Prior to 1978 includes condensates.

b Not available.

c Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

SECRET

25X1

**Nigeria: Exports of Crude Oil and Products by Destination, 1970-83** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
<b>NORTH AMERICA</b>	162.8	321.1	457.3	567.9	860.0	840.0	1,160.0	1,233.0	999.0	1,134.0	897.0	397.6	362.4	316.0
of which:														
Canada	32.9	27.0	35.7	32.3	20.0	20.0	36.0	4.0	a	a	3.0	a	5.2	14.0
United States	129.9	294.1	421.6	535.6	840.0	820.0	1,124.0	1,229.0	999.0	1,134.0	894.0	397.6	357.2	302.0
<b>LATIN AMERICA</b>	139.2	109.7	115.4	278.3	241.1	234.2	222.8	386.6	293.5	380.5	454.9	253.4	109.8	96.1
of which:														
Brazil	36.8	30.4	20.0	5.3	a	a	a	a	a	a	7.0	a	a	a
Trinidad & Tobago	16.4	3.0	a	13.7	a	a	a	a	a	a	a	a	a	a
Uruguay	11.5	9.3	8.3	13.1	5.6	3.7	a	a	a	a	a	a	a	a
West Indies	44.0	62.9	87.1	227.1	175.0	171.8	a	a	a	a	a	a	a	a
<b>WESTERN EUROPE</b>	740.4	1,017.3	1,080.0	1,002.9	1,100.0	740.0	723.0	619.0	734.0	936.0	869.0	493.0	481.7	572.0
of which:														
Belgium	4.6	7.1	12.1	17.2	9.0	13.0	a	3.4	6.4	42.6	11.8	5.1	14.3	6.7
Denmark	6.6	31.4	29.3	21.8	10.1	19.3	a	1.3	3.9	6.4	a	11.7	2.8	4.7
France	121.1	268.2	285.1	262.4	210.0	180.0	155.0	157.0	162.0	193.0	221.0	108.9	161.2	169.0
West Germany	54.6	66.2	72.9	61.9	220.0	200.0	181.0	180.0	207.0	294.0	219.0	75.6	76.6	149.0
Italy	22.2	79.3	77.6	46.4	50.0	10.0	16.0	7.0	21.0	60.0	69.0	55.5	87.7	97.0
Netherlands	192.4	196.0	208.4	266.5	300.0	140.0	195.0	183.0	200.0	263.0	211.0	148.7	72.0	58.0
Norway	19.4	25.2	11.7	5.7	11.1	14.3	a	14.8	18.1	12.0	8.0	1.3	2.9	1.6
Sweden	26.7	27.9	31.1	22.3	13.9	22.0	a	16.5	18.5	28.0	43.0	26.4	25.0	18.0
Spain	a	a	a	a	a	a	a	a	4.0	4.0	22.0	a	a	30.0
United Kingdom	238.1	270.0	329.0	297.7	160.0	120.0	76.0	27.0	39.0	10.0	9.0	4.0	15.4	38.0
<b>AFRICA</b>	7.2	24.3	25.8	30.4	34.1	32.2	38.1	46.0	44.8	58.1	39.6	42.3	25.1	18.3
of which:														
Ghana	0.4	11.2	5.2	12.1	a	12.3	17.7	19.4	20.6	a	18.5	21.6	12.8	3.6
Ivory Coast	a	6.5	10.7	7.9	a	10.6	8.0	13.6	9.6	a	6.5	5.8	6.2	8.0
Senegal	a	2.0	4.7	4.6	a	5.1	6.2	4.1	4.2	a	5.1	2.1	3.3	2.6
Sierra Leone	3.5	4.6	4.5	4.6	a	4.2	3.9	3.6	4.5	a	0.6	3.9	2.8	3.2
<b>ASIA &amp; FAR EAST</b>	a	14.0	77.6	98.6	90.1	47.6	8.6	a	a	a	19.6	25.7	a	a
of which:														
Japan	a	14.0	a	a	90.0	60.0	17.0	a	a	a	12.7	17.1	a	a
<b>TOTAL b</b>	1,049.6	1,486.4	1,756.1	1,978.1	2,625.3	1,894.0	2,152.5	2,284.6	2,071.3	2,508.6	2,280.1	1,212.0	979.0	1,002.4

a Not available.

b Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

SECRET

25X1

**Qatar: Exports of Crude Oil and Products by Destination, 1970-83** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	a	1.7	3.5	10.9	77.9	88.1	69.0	97.0	66.0	37.0	25.0	a	a	a
LATIN AMERICA	9.6	10.2	4.8	0.7	a	14.8	14.0	17.1	25.6	42.7	38.7	27.4	30.0	17.1
of which:														
Argentina	8.2	a	a	a	a	a	a	a	a	a	a	a	a	a
Brazil	1.4	a	a	a	a	a	a	a	2.7	14.7	18.8	16.3	25.9	17.1
Netherlands Antilles	a	a	a	a	a	a	a	8.5	22.9	25.5	10.9	11.1	1.8	a
WESTERN EUROPE	240.4	294.1	335.7	360.8	291.2	235.0	300.0	160.0	191.0	209.0	196.0	a	a	73.0
of which:														
France	46.0	59.1	45.0	69.0	79.5	32.4	58.0	63.0	84.0	76.0	49.0	a	a	17.0
West Germany	a	5.2	5.3	2.2	14.2	20.4	24.0	19.0	12.0	10.0	4.0	a	a	15.0
Italy	46.4	72.3	57.7	65.8	57.0	42.9	22.0	17.0	17.0	23.0	28.0	a	a	13.0
Netherlands	31.3	50.3	122.5	144.4	16.3	75.0	50.0	11.0	18.0	25.0	57.0	a	a	7.0
Sweden	22.2	25.3	15.0	8.0	14.2	1.4	8.3	5.3	2.3	a	1.3	a	a	a
United Kingdom	93.5	76.4	72.9	64.8	97.0	54.8	94.0	33.0	9.0	6.0	7.0	a	a	a
Spain	a	a	a	a	a	a	a	a	11.0	28.0	27.0	a	a	21.0
MIDDLE EAST	1.9	4.3	7.8	9.0	4.9	1.7	5.9	1.1	a	8.5	a	a	0.5	a
of which:														
Yemen	1.9	4.3	7.8	9.0	4.9	1.7	5.9	1.1	a	8.5	a	a	0.5	a
AFRICA	49.9	56.5	41.1	89.9	27.3	19.8	37.6	12.6	18.5	6.7	16.3	2.1	7.7	3.1
of which:														
South Africa	41.0	44.4	28.5	61.9	a	a	a	a	a	a	a	a	a	a
ASIA & FAR EAST	36.2	36.8	55.8	73.5	99.0	41.9	64.9	108.8	176.5	206.3	190.2	170.3	164.1	158.3
of which:														
Japan	3.5	a	a	a	4.7	1.4	6.0	38.0	108.0	140.0	133.0	136.4	131.4	144.0
Philippines	a	a	8.3	3.6	8.4	a	a	a	a	a	a	a	a	a
Thailand	32.7	35.3	44.4	57.6	49.3	27.9	46.3	48.1	46.4	46.0	41.7	23.8	13.3	10.0
OCEANIA	24.8	14.9	17.2	11.5	10.7	4.9	5.2	9.2	a	a	6.9	6.2	2.7	a
of which:														
Australia	24.8	13.5	11.7	11.5	10.7	4.9	5.2	9.2	a	a	2.7	2.3	2.7	a

a Not available.

**SECRET**

25X1

***Qatar: Exports of Crude Oil and Products by Destination, 1970-83 (continued)*** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Unspecified Destination	a	10.1	15.8	14.0	0.2	22.1	31.0	a	a	5.4	a	a	a	17.3
<b>TOTAL</b> b	<b>362.8</b>	<b>428.6</b>	<b>481.7</b>	<b>570.3</b>	<b>511.2</b>	<b>428.3</b>	<b>527.6</b>	<b>405.8</b>	<b>477.6</b>	<b>515.6</b>	<b>473.1</b>	<b>206.0</b>	<b>205.0</b>	<b>268.8</b>

a Not available.

b Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

[Redacted]

25X1

SECRET

25X1

*Saudi Arabia: Exports of Crude Oil and Products by Destination, 1970-83 a* (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	57.0	200.6	262.7	397.3	840.0	1,040.0	1,493.0	1,671.0	1,367.0	1,633.0	1,597.0	1,417.0	605.0	343.0
of which:														
Canada	15.9	35.9	49.5	40.5	100.0	190.0	122.0	156.0	133.0	192.0	216.0	170.0	53.0	6.0
United States	41.1	164.7	213.2	356.8	740.0	850.0	1,371.0	1,515.0	1,234.0	1,441.0	1,381.0	1,247.0	552.0	337.0
LATIN AMERICA	138.6	270.5	329.2	702.3	949.3	973.2	1,364.6	1,028.2	391.0	318.8	348.1	391.3	257.3	200.0
of which:														
Brazil	65.5	140.9	225.2	341.8	314.9	237.6	277.4	b	b	b	b	b	b	b
Trinidad & Tobago	62.2	105.1	83.6	181.5	250.6	151.2	194.9	b	b	b	b	b	b	b
WESTERN EUROPE	1,709.8	2,148.9	2,913.5	3,378.8	3,520.0	2,690.0	2,872.0	2,932.0	2,483.0	2,952.0	2,938.0	3,096.0	1,800.0	927.0
of which:														
France	248.0	447.6	556.4	668.5	840.0	670.0	877.0	870.0	803.0	893.0	779.0	932.0	552.0	289.0
West Germany	81.9	158.8	189.9	238.5	510.0	380.0	379.0	402.0	294.0	359.0	492.0	518.0	344.0	142.0
Italy	410.8	450.9	633.6	730.0	880.0	520.0	516.0	629.0	455.0	677.0	595.0	649.0	389.0	245.0
Netherlands	337.5	432.7	730.9	783.0	50.0	260.0	354.0	345.0	324.0	378.0	397.0	355.0	118.0	49.0
Spain	185.9	238.0	306.1	382.6	520.0	410.0	376.0	317.0	326.0	344.0	309.0	294.0	204.0	116.0
United Kingdom	283.1	420.9	496.6	576.2	720.0	450.0	370.0	369.0	281.0	301.0	366.0	348.0	193.0	86.0
MIDDLE EAST	191.4	222.0	200.7	215.3	222.1	185.8	232.0	318.4	262.6	285.7	169.6	313.6	210.8	120.0
of which:														
Bahrain	174.3	181.2	165.9	177.8	188.2	152.0	161.8	b	b	b	b	b	b	b
Jordan	9.5	12.0	13.0	14.3	15.7	17.5	23.7	b	b	b	b	b	b	b
Lebanon	7.6	12.7	14.3	16.5	15.9	14.3	10.1	b	b	b	b	b	b	b
AFRICA	102.2	106.4	107.6	163.6	112.0	119.8	98.6	64.2	46.0	86.1	118.7	152.9	103.0	83.0
of which:														
Egypt	b	b	b	24.6	34.0	44.9	b	b	b	b	b	b	b	b
South Africa	71.6	56.4	41.2	81.6	b	b	b	b	b	b	b	b	b	b

a Prior to 1978 includes condensates.

b Not available.

SECRET

25X1

**Saudi Arabia: Exports of Crude Oil and Products by Destination, 1970-83 a (continued) (thousand barrels per day)**

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
ASIA & FAR EAST	944.7	1,237.9	1,538.5	1,880.9	2,163.9	2,125.0	2,626.7	2,834.5	2,825.0	2,595.7	2,754.3	2,805.9	2,502.6	1,765.0
of which:														
India	34.9	62.0	62.9	71.9	97.8	83.5	88.7	b	b	b	b	b	b	b
Japan	679.0	823.6	968.3	1,163.2	1,380.0	1,460.0	1,719.0	1,772.0	1,712.0	1,871.0	1,751.0	1,708.0	1,729.0	1,350.0
South Korea	66.6	85.8	111.0	206.2	219.8	156.4	149.6	b	b	b	b	b	b	b
Malaysia & Singapore	b	105.8	129.7	178.0	181.4	194.7	312.0	b	b	b	b	b	b	b
Philippines	15.2	26.7	76.1	100.1	99.4	95.7	72.6	b	b	b	b	b	b	b
Taiwan	b	51.6	80.3	86.5	70.9	63.1	104.6	b	b	b	b	b	b	b
OCEANIA	73.2	68.4	53.3	54.4	75.5	98.5	106.2	127.5	103.0	109.6	127.7	135.1	103.3	65.0
of which:														
Australia	60.6	b	b	b	b	b	b	81.7	83.5	91.2	104.0	109.0	b	b
TOTAL c	3,216.9	4,254.7	5,405.5	6,792.6	7,882.8	7,232.3	8,793.1	8,975.8	7,477.6	7,980.9	8,053.4	8,311.8	5,582.0	3,503.0

a Prior to 1978 includes condensates.

b Not available.

c Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1



SECRET

25X1

*United Arab Emirates (Abu Dhabi)*  
*Exports of Crude Oil and Products by Destination, 1970-83* (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NORTH AMERICA	82.5	105.4	146.0	140.7	a	a	a	a	a	177.8	134.2	88.6	33.3	35.4
of which:														
Canada	3.6	a	32.7	24.8	a	a	a	a	a	a	a	a	a	a
United States	79.2	105.4	113.3	115.9	a	a	a	a	a	177.8	134.2	88.6	33.3	35.4
LATIN AMERICA	1.0	1.1	2.3	3.6	19.7	38.9	61.8	41.9	219.4	164.4	107.7	63.6	59.7	40.0
WESTERN EUROPE	367.4	477.0	580.6	624.5	a	a	a	a	a	482.0	452.0	326.7	173.9	331.1
of which:														
France	118.7	107.0	220.1	266.3	a	a	a	a	a	152.2	155.5	118.8	57.3	128.2
West Germany	24.2	39.3	42.7	55.2	a	a	a	a	a	77.6	74.2	448.0	15.4	29.3
Italy	10.4	20.7	41.9	59.5	a	a	a	a	a	20.8	39.8	28.0	35.7	51.8
Netherlands	40.8	44.4	80.4	60.2	a	a	a	a	a	105.2	60.0	71.5	10.5	13.7
United Kingdom	142.3	151.3	167.5	147.2	a	a	a	a	a	22.1	45.5	10.3	23.5	35.4
EASTERN EUROPE	a	a	a	a	a	14.1	20.8	20.8	9.0	3.6	1.4	5.0	a	a
MIDDLE EAST	19.1	2.7	7.1	3.1	6.1	2.4	a	a	a	5.5	37.2	21.9	6.8	7.0
of which:														
South Yemen	19.1	2.7	7.1	3.1	6.1	2.4	a	a	a	5.5	37.2	21.9	6.8	a
AFRICA	5.4	42.6	27.0	14.0	a	16.0	17.2	15.2	27.4	30.2	27.8	33.6	20.6	20.0
ASIA & FAR EAST	210.8	291.5	274.6	503.8	546.1	467.0	598.3	585.9	550.6	548.9	561.9	515.8	492.5	623.0
of which:														
Japan	176.9	262.0	267.9	478.0	a	a	a	a	a	448.1	478.4	412.0	417.8	547.3
OCEANIA	8.6	7.3	12.2	3.7	1.9	4.4	0.6	5.7	17.2	25.2	15.9	15.5	21.0	20.8
of which:														
Australia	8.6	7.3	12.2	3.7	1.9	4.4	0.6	5.7	17.2	25.2	15.9	15.5	21.0	20.8
TOTAL b	694.8	927.6	1,049.8	1,293.4	573.8	528.7	677.9	648.7	814.6	1,434.0	1,336.7	1,065.7	807.8	1,077.3

a Not available.

b Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

25X1

SECRET

25X1

**Venezuela: Exports of Crude Oil and Products by Destination, 1970-83 a** (thousand barrels per day)

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
<b>NORTH AMERICA</b>	744.1	1,510.0	1,431.7	1,547.6	1,900.0	1,320.0	1,287.0	1,192.0	1,103.0	1,166.0	868.0	741.0	515.0	483.0
of which:														
Canada	328.3	388.5	378.8	340.7	450.0	280.0	302.0	287.0	222.0	224.0	181.0	147.0	103.0	61.0
United States	415.3	1,121.5	1,052.9	1,206.9	1,450.0	1,040.0	985.0	905.0	881.0	942.0	687.0	594.0	412.0	422.0
<b>LATIN AMERICA</b>	1,272.4	1,334.3	1,286.8	1,293.3	1,089.9	888.7	919.9	844.1	836.8	804.4	564.7	721.5	636.8	506.0
of which:														
Argentina	3.2	16.1	10.9	4.8	8.1	9.8	9.3	9.7	9.2	10.6	1.3	2.6	0.9	a
Brazil	46.5	45.2	32.7	39.0	32.0	21.0	21.2	25.8	23.0	33.2	61.2	82.3	80.0	53.8
Chile	6.0	16.6	10.1	8.9	10.6	7.5	17.4	23.7	26.2	19.1	17.7	28.2	25.3	a
Ecuador	5.9	9.5	16.9	16.7	17.5	1.3	0.6	0.9	0.6	0.5	0.3	0.5	1.3	a
Jamaica	27.1	33.0	38.0	38.0	38.9	35.8	29.3	23.7	26.1	25.2	15.2	13.8	16.4	12.3
Mexico	a	6.1	36.1	64.6	21.4	14.2	4.1	1.5	5.7	2.7	a	0.2	a	a
Netherlands														
Antilles	775.0	696.8	681.3	687.7	623.3	484.3	535.8	435.1	474.2	477.6	423.6	306.9	377.4	336.4
Panama	72.0	107.7	86.9	68.6	56.5	47.9	32.9	29.0	19.7	15.8	10.0	16.6	15.9	a
Puerto Rico	123.4	213.0	224.5	217.6	132.3	122.3	125.7	129.9	106.1	84.9	35.7	56.8	32.5	a
Trinidad & Tobago	140.7	71.3	39.7	35.2	17.0	2.8	4.4	3.5	0.6	0.2	a	0.1	0.2	a
<b>WESTERN EUROPE</b>	405.0	423.7	332.5	296.3	270.0	250.0	238.0	153.0	207.0	322.0	364.0	373.0	314.0	294.0
of which:														
Belgium	34.1	a	a	a	a	a	3.0	0.4	a	9.3	13.8	13.5	11.9	a
West Germany	42.0	37.2	35.9	27.9	50.0	50.0	38.0	20.0	26.0	32.0	33.0	30.0	44.0	111.0
France	47.0	43.4	49.3	40.4	30.0	40.0	36.0	17.0	15.0	84.0	36.0	43.0	28.0	31.0
United Kingdom	139.6	188.1	119.5	98.1	70.0	70.0	41.0	21.0	24.0	31.0	27.0	25.0	30.0	32.0
Italy	28.9	29.6	32.1	21.9	50.0	40.0	26.0	29.0	47.0	50.0	103.0	115.0	103.0	81.0
Netherlands	22.4	9.6	12.5	12.2	10.0	10.0	11.0	4.0	9.0	15.0	13.0	15.0	17.0	14.0
Norway	24.9	18.2	6.2	3.6	a	a	3.8	0.6	a	4.2	a	a	a	a
Spain	41.7	33.2	32.7	25.6	30.0	20.0	3.0	20.0	39.0	44.0	70.0	73.0	40.0	25.0
Sweden	16.7	35.0	27.8	28.6	22.5	10.1	13.7	20.9	23.9	39.5	38.6	22.5	19.8	a
<b>EASTERN EUROPE</b>	a	a	a	a	a	a	a	0.4	a	1.1	2.0	2.1	0.8	a

a Prior to 1978, includes condensates.

SECRET

25X1

*Venezuela: Exports of Crude Oil and Products by Destination, 1970-83 a (continued) (thousand barrels per day)*

Destination	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
AFRICA	2.6	3.2	3.2	2.7	3.8	6.5	1.7	3.9	17.0	21.3	16.6	16.6	6.8	2.8
ASIA & FAR EAST	10.5	9.6	9.5	9.9	10.8	6.0	6.5	8.3	5.8	9.0	37.5	66.4	33.5	24.0
of which:														
Japan	10.5	8.9	8.9	9.8	10.0	10.0	6.0	7.0	6.0	8.0	39.0	47.0	33.0	24.0
OCEANIA	a	a	0.9	a	0.4	a	1.8	a	a	1.2	a	a	a	a
Unspecified Destination	a	1.5	0.3	0.4	1.0	0.9	0.5	0.1	6.1	16.0	1.7	5.1	1.6	a
TOTAL b	2,434.6	3,282.3	3,064.9	3,150.2	3,275.9	2,472.1	2,455.4	2,201.8	2,175.7	2,339.8	1,854.5	1,925.7	1,508.5	1,309.8

a Prior to 1978, includes condensates.

b Components may not add to totals due to unavailable data.

SOURCES: OECD Statistics and OPEC Annual Statistical Bulletins.

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Average Annual Crude Oil Price, 1970-85 <sup>a</sup>

(US \$ per barrel f.o.b.)

Country		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
ALGERIA	Saharan Blend-44	2.65	3.39	3.66	5.17	13.32	12.06	13.05	14.38	14.14	21.14	35.44	39.58	35.82	31.50	30.50	30.69
	Zarzaitine-41	b	b	b	b	b	b	12.97	14.33	14.09	21.09	35.44	39.58	35.82	31.50	30.50	30.69
ECUADOR	Oriente-30	b	b	3.45	3.99	13.70	13.13	11.63	12.97	12.44	22.42	35.26	34.92	32.28	27.79	27.43	27.45
GABON	Mandji-30	1.54	2.08	2.57	3.54	13.03	11.66	11.58	12.75	12.70	18.77	31.14	34.75	34.00	30.00	29.00	29.00
INDONESIA	Sumatran Light-34	1.70	2.10	2.79	3.80	11.93	12.65	12.84	13.55	13.55	18.53	30.63	35.00	34.93	30.26	29.53	29.53
	Arjuna-37	b	b	b	b	b	12.65	12.63	13.70	13.70	19.04	32.09	36.45	36.28	30.93	30.20	30.20
IRAN	Attaka-42	b	b	b	b	2.11	12.60	12.63	14.10	14.10	20.15	33.39	37.69	37.37	31.72	30.95	30.95
	Light-34	1.79	2.18	2.46	3.34	11.67	10.91	11.65	12.81	12.81	19.52	34.17	36.60	31.19	28.64	28.00	28.12
IRAQ	Heavy-31	1.64	2.14	2.41	3.23	11.44	10.71	11.40	12.49	12.49	18.57	33.23	35.57	29.29	27.43	27.10	27.36
	Basrah Light-35	1.72	2.16	2.45	3.26	11.47	10.74	11.51	12.65	12.65	18.30	30.39	35.46	33.46	29.46	28.46	28.46
KUWAIT	Karkuk-36	2.21	2.98	3.37	4.55	7.10	7.10	9.79	12.87	12.85	19.01	30.61	35.64	34.18	30.18	29.43	29.18
	Kuwait-31	1.60	2.09	2.38	3.16	11.35	10.60	11.29	12.37	12.37	18.23	29.93	35.08	32.30	27.80	27.30	27.21
LIBYA	Sarir-37.5	b	b	b	b	b	12.10	12.13	13.42	13.29	20.67	35.61	39.44	34.88	30.33	29.60	29.60
	Brega-40	2.23	3.17	3.66	5.15	15.57	14.03	12.35	14.06	13.85	21.22	36.27	40.08	35.79	31.13	30.40	30.40
NEUTRAL ZONE	Khafji-28	1.44	1.98	2.25	3.00	11.26	10.50	11.12	12.17	12.03	17.92	29.52	34.61	31.03	26.53	26.03	27.00
NIGERIA	Medium-26	2.03	2.86	3.28	4.66	13.97	11.85	13.05	13.73	13.52	19.17	34.38	37.27	33.55	28.47	27.77	27.61
	Forcados-31	b	b	b	b	b	b	12.54	14.34	13.70	20.63	35.48	38.37	34.82	29.47	28.64	28.06
QATAR	Bonny Light-37	2.17	2.98	3.40	4.81	14.18	11.90	12.92	14.56	14.16	21.00	35.65	38.57	35.71	30.47	29.52	28.61
	Brass River-41.5	b	b	b	b	b	b	12.54	14.65	14.19	21.05	35.66	38.58	35.74	30.47	29.52	28.78
SAUDI ARABIA	Marine-36	1.83	2.22	2.50	3.40	11.81	11.02	11.69	13.00	13.00	19.52	31.66	36.94	34.51	29.80	29.30	28.13
	Dukhan-40	1.93	2.30	2.58	3.55	12.21	11.34	11.88	13.19	13.19	19.73	31.85	37.11	34.70	29.99	28.48	28.20
SAUDI ARABIA	Light-34	1.80	2.19	2.48	3.17	11.45	10.72	11.54	12.40	12.70	17.28	28.75	32.50	34.00	29.50	29.00	28.08
	Berri-39	b	2.04	2.55	3.48	12.14	11.30	11.90	12.86	13.22	19.35	30.27	34.04	34.71	30.02	29.42	28.21
	Medium-31	1.60	2.09	2.37	3.16	11.36	10.62	11.34	12.01	12.32	16.82	28.20	31.84	32.40	27.90	27.40	27.42
UNITED ARAB EMIRATES	Heavy-27	1.48	1.97	2.24	2.99	11.25	10.49	11.12	11.70	12.02	16.44	27.75	31.13	31.00	26.50	26.00	26.25
	Murban-39	1.88	2.25	2.54	3.55	12.43	11.13	11.95	12.88	13.26	19.84	31.82	36.42	34.76	30.37	29.56	28.25
ABU DHABI	Fateh-32	1.68	2.14	2.42	3.34	11.53	11.27	11.54	12.34	12.64	18.60	30.52	35.58	33.86	29.67	28.86	28.86
DUBAYY	Mubarek-38	b	b	b	b	b	b	1.25	14.49	14.49	19.92	31.71	36.48	34.80	28.95	28.14	29.59
SHARJAH	Bachaquero-17	1.69	2.30	2.77	3.64	11.26	11.51	10.22	11.13	11.38	14.83	24.13	28.04	25.82	24.13	25.33	25.50
	Tia Juana-26	2.01	2.47	2.91	4.02	12.07	12.61	11.49	12.75	12.82	17.30	28.51	32.88	32.88	28.88	27.88	27.88
VENEZUELA	Oficina-34	2.34	2.65	3.22	4.46	12.62	13.28	12.84	13.99	13.99	19.52	33.05	37.89	37.06	32.28	31.09	31.09
OPEC Average Price	c	1.94	2.42	2.76	3.65	11.28	11.02	11.77	12.88	12.93	18.67	30.87	34.50	33.63	29.31	28.70	28.33

a Pre-1974 prices are posted prices, 1974-1984 prices are official sales prices.

b Crude type was not produced in that year.

c Weighted by production volume.

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## Prices of Selected Crudes, 1970-85 a

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:			1971								1972			
			1970			1 Jan	15 Feb	1 Mar	18 Mar	20 Mar	1 Apr	1 Jun	1 Jul	1 Oct	1 Jan	2 Jan	20 Jan
ALGERIA	0.1	Saharan Blend-44	2.65	2.65	2.65	2.70	2.70	2.70	2.70	3.62	3.62	3.62	3.58	3.55	3.54	3.54	3.66
	0	Zarzaitine-41	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
ECUADOR	0.9	Oriente-30	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
GABON	1.1	Mandji-30	1.54	1.54	1.54	1.70	1.70	1.70	1.70	1.70	2.20	2.20	2.20	2.20	2.40	2.40	2.40
INDONESIA	0.1	Sumatran Light-34	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	2.21	2.21	2.21	2.26	2.26	2.26	2.26
	0.1	Arjuna-37	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
IRAN	0.1	Attaka-42	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
	1.4	Light-34	1.79	1.79	1.79	1.79	2.17	2.17	2.17	2.17	2.17	2.27	2.27	2.27	2.27	2.27	2.47
IRAQ	1.6	Heavy-31	1.69	1.63	1.72	1.72	2.13	2.13	2.13	2.13	2.13	2.23	2.23	2.23	2.23	2.23	2.42
	2.1	Basrah Light-35	1.72	1.72	1.72	1.72	2.16	2.16	2.16	2.16	2.16	2.26	2.26	2.26	2.26	2.26	2.45
KUWAIT	1.9	Karkuk-36	2.21	2.21	2.21	2.21	2.21	2.21	2.21	3.21	3.21	3.21	3.19	3.17	3.14	3.14	3.40
	2.5	Kuwait-31	1.60	1.59	1.68	1.68	2.09	2.09	2.09	2.09	2.09	2.19	2.19	2.19	2.19	2.37	2.37
LIBYA	0.1	Sarir-37.5	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
	0.2	Brega-40	2.23	2.23	2.23	2.23	2.23	2.23	2.23	3.45	3.45	3.45	3.42	3.41	3.89	3.89	3.67
NEUTRAL ZONE	2.9	Khafji-28	1.44	1.42	1.55	1.55	1.97	1.97	1.97	1.97	2.07	2.07	2.07	2.07	2.25	2.25	2.25
NIGERIA	0.2	Medium-26	2.03	2.03	2.03	2.03	2.03	2.03	2.03	3.10	3.10	3.10	3.09	3.07	3.07	3.07	3.07
	0.2	Forcados-31	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
QATAR	0.1	Bonny Light-37	2.17	2.17	2.17	2.17	2.17	2.17	2.17	3.21	3.21	3.21	3.19	3.18	3.18	3.18	3.18
	0.1	Brass River-41.5	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
SAUDI ARABIA	1.4	Marine-36	1.83	1.83	1.83	1.83	2.20	2.20	2.20	2.20	2.20	2.31	2.31	2.31	2.31	2.31	2.50
	1.1	Dukhan-40	1.93	1.93	1.93	1.93	2.28	2.28	2.28	2.28	2.28	2.39	2.39	2.39	2.39	2.39	2.58
SAUDI ARABIA	1.7	Light-34	1.80	1.80	1.80	1.80	2.18	2.18	2.18	2.18	2.18	2.29	2.29	2.29	2.29	2.29	2.48
	1.1	Berri-39	b	b	b	b	2.26	2.26	2.26	2.26	2.26	2.36	2.36	2.36	2.36	2.36	2.55
	2.4	Medium-31	1.60	1.59	1.68	1.68	2.09	2.09	2.09	2.09	2.09	2.19	2.19	2.19	2.19	2.19	2.37
	2.8	Heavy-27	1.48	1.47	1.56	1.56	1.96	1.96	1.96	1.96	1.96	2.06	2.06	2.06	2.06	2.06	2.24

a Pre-1974 prices are posted prices; 1974-85 prices are official sales prices.

b Indicates crude type not produced in that year.

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*Prices of Selected Crudes, 1970-85 a (continued)**(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:														
			1970			1971						1972					
			1 Jan	1 Sep	14 Nov	1 Jan	15 Feb	1 Mar	18 Mar	20 Mar	1 Apr	1 Jun	1 Jul	1 Oct	1 Jan	2 Jan	20 Jan
UNITED ARAB																	
EMIRATES																	
ABU DHABI	0.8	Murban-39	1.88	1.88	1.88	1.88	2.24	2.24	2.24	2.24	2.24	2.34	2.34	2.34	2.34	2.34	2.54
DUBAYY	1.7	Fateh-32	1.68	1.68	1.68	1.68	2.13	2.13	2.13	2.13	2.13	2.24	2.24	2.24	2.24	2.24	2.42
SHARJAH	0.6	Mubarek-38	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
VENEZUELA	2.4	Bachaquero-17	1.69	1.69	1.69	1.69	1.69	1.69	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.76	2.76
	1.7	Tia Juana-26	2.01	2.01	2.01	2.02	2.02	2.02	2.59	2.59	2.59	2.59	2.59	2.59	2.90	2.90	2.90
	0.8	Oficina-34	2.34	2.34	2.34	2.34	2.34	2.34	2.73	2.73	2.73	2.73	2.73	2.73	3.21	3.21	3.21

a Pre-1974 prices are posted prices; 1974-85 prices are official sales prices.

b Indicates crude type not produced in that year.

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## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:					1973									
			1972					1 Jan	13 Mar	1 Apr	16 May	1 Jun	22 Jun	1 Jul	1 Aug	1 Sep	1 Oct
ALGERIA	0.1	Saharan Blend-44	3.66	3.66	3.66	3.66	3.66	3.82	3.82	4.03	4.03	4.27	4.27	4.27	4.27	4.27	4.27
	0	Zarzaitine-41	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
ECUADOR	0.9	Oriente-30	b	b	b	b	2.50	2.60	2.60	2.90	3.20	3.20	3.60	3.60	3.60	3.60	3.60
GABON	1.1	Mandji-30	2.58	2.58	2.58	2.58	2.58	2.48	2.48	2.70	2.70	2.70	2.70	2.70	3.15	3.15	3.45
INDONESIA	0.1	Sumatran Light-34	2.26	2.26	2.96	2.96	2.96	2.96	2.96	3.73	3.73	3.73	3.73	3.73	3.73	3.73	4.75
	0.1	Ardjuna-37	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
	0.1	Attaka-42	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
IRAN	1.4	Light-34	2.47	2.47	2.47	2.47	2.47	2.58	2.58	2.73	2.73	2.88	2.88	2.94	3.05	3.05	3.00
	1.6	Heavy-31	2.42	2.42	2.42	2.42	2.42	2.53	2.53	2.67	2.67	2.83	2.83	2.88	2.99	2.99	2.94
IRAQ	2.1	Basrah Light-35	2.45	2.45	2.45	2.45	2.45	2.56	2.56	2.71	2.71	2.87	2.87	2.92	3.03	3.03	2.98
	1.9	Kirkuk-36	3.40	3.40	3.37	3.35	3.35	3.48	3.48	3.71	3.71	3.92	3.92	4.07	4.22	4.22	4.24
KUWAIT	2.5	Kuwait-31	2.37	2.37	2.37	2.37	2.37	2.48	2.48	2.63	2.63	2.78	2.78	2.83	2.94	2.94	2.88
LIBYA	0.1	Sarir-37.5	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
	0.2	Brega-40	3.67	3.67	3.64	3.62	3.62	3.78	3.78	4.02	4.02	4.25	4.25	4.42	4.58	4.58	4.60
NEUTRAL ZONE	2.9	Khafji-28	2.25	2.25	2.25	2.25	2.25	2.35	2.35	2.50	2.50	2.63	2.63	2.68	2.78	2.78	2.73
NIGERIA	0.2	Medium-26	3.07	3.33	3.31	3.29	3.29	3.44	3.44	3.66	3.66	3.87	3.87	4.00	4.15	4.15	4.15
	0.2	Forcados-31	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
	0.1	Bonny Light-37	3.18	3.45	3.42	3.41	3.41	3.56	3.56	3.79	3.79	4.00	4.00	4.13	4.29	4.29	4.29
	0.1	Brass River-41.5	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
QATAR	1.4	Marine-36	2.50	2.50	2.50	2.50	2.50	2.61	2.61	2.77	2.77	2.92	2.92	2.98	3.09	3.09	3.04
	1.1	Dukhan-40	2.58	2.58	2.58	2.58	2.58	2.71	2.71	2.86	2.86	3.03	3.03	3.08	3.20	3.20	3.14
SAUDI ARABIA	1.7	Light-34	2.48	2.48	2.48	2.48	2.48	2.59	2.59	2.74	2.74	2.90	2.90	2.96	3.07	3.07	3.01
	1.1	Berri-39	2.55	2.55	2.55	2.55	2.55	2.67	2.67	2.82	2.82	2.97	2.97	3.03	3.14	3.14	3.09
	2.4	Medium-31	2.37	2.37	2.37	2.37	2.37	2.48	2.48	2.63	2.63	2.78	2.78	2.83	2.94	2.94	2.88
	2.8	Heavy-27	2.24	2.24	2.24	2.24	2.24	2.35	2.35	2.48	2.48	2.62	2.62	2.67	2.76	2.76	2.73

b Indicates crude type not produced in that year.

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*Prices of Selected Crudes, 1970-85 (continued)**(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:														
			1972					1973									
			1 Feb	15 Feb	1 Apr	1 Jul	17 Aug	1 Jan	13 Mar	1 Apr	16 May	1 Jun	22 Jun	1 Jul	1 Aug	1 Sep	1 Oct
UNITED ARAB EMIRATES																	
ABU DHABI	0.8	Murban-39	2.54	2.54	2.54	2.54	2.54	2.65	2.65	2.82	2.82	2.97	2.97	3.03	3.14	3.14	3.14
DUBAYY	1.7	Fateh-32	2.42	2.42	2.42	2.42	2.42	2.53	2.53	2.68	2.68	2.83	2.83	2.89	3.00	3.00	2.94
SHARJAH	0.6	Mubarek-38	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
VENEZUELA																	
	2.4	Bachaquero-17	2.76	2.76	2.76	2.76	2.76	2.80	3.03	3.03	3.03	3.03	3.03	3.03	3.40	3.52	3.80
	1.7	Tia Juana-26	2.90	2.90	2.90	2.90	2.90	3.06	3.36	3.36	3.36	3.36	3.36	3.36	3.77	4.10	4.23
	0.8	Oficina-34	3.21	3.21	3.21	3.21	3.21	3.36	3.77	3.77	3.77	3.77	3.77	3.77	4.23	4.60	4.75

b Indicates crude type not produced in that year.

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## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:										1974					1975
			1973										1 Jan	1 Apr	1 Jul	1 Oct	1 Nov	1 Jan
			15 Oct	16 Oct	17 Oct	19 Oct	20 Oct	1 Nov	10 Nov	1 Dec	15 Dec	1 Jan	1 Apr	1 Jul	1 Oct	1 Nov	1 Jan	
ALGERIA	0.1	Saharan Blend-44	4.27	9.26	9.26	9.26	9.26	9.36	9.36	9.11	9.11	14.00	14.00	13.00	12.30	12.30	12.00	
	0	Zarzaitine-41	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	
ECUADOR	0.9	Oriente-30	3.60	3.60	5.25	5.25	5.25	5.25	7.30	7.30	10.00	13.70	13.70	13.70	13.70	13.70	13.70	
GABON	1.1	Mandji-30	3.45	3.45	3.45	3.45	6.60	6.60	6.60	6.60	6.60	13.03	13.03	13.03	13.03	13.03	11.70	
INDONESIA	0.1	Sumatran Light-34	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	10.80	11.70	12.60	12.60	12.60	12.60	12.60	
	0.1	Ardjuna-37	b	b	b	b	b	b	b	b	b	b	b	b	b	b	12.60	
	0.1	Attaka-42	b	b	b	b	b	b	b	b	b	b	b	b	b	b	12.60	
IRAN	1.4	Light-34	3.00	5.34	5.34	5.34	5.34	5.40	5.40	5.25	5.25	11.88	11.88	11.88	11.88	10.67	10.67	
	1.6	Heavy-31	2.94	4.99	4.99	4.99	4.99	5.05	5.05	5.01	5.01	11.64	11.64	11.64	11.64	10.45	10.45	
IRAQ	2.1	Basrah Light-35	2.98	5.06	5.06	5.06	5.06	5.12	5.12	4.98	4.98	11.67	11.67	11.67	11.67	10.48	10.48	
	1.9	Kirkuk-36	4.24	7.21	7.21	7.21	7.21	7.29	7.29	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	
KUWAIT	2.5	Kuwait-31	2.88	4.90	4.90	4.90	4.90	4.96	4.96	4.82	4.82	11.55	11.55	11.55	11.55	10.37	10.37	
LIBYA	0.1	Sarir-37.5	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	
	0.2	Brega-40	4.60	4.60	4.60	8.92	8.92	9.06	9.06	9.06	9.06	15.77	15.77	15.77	15.77	14.60	14.60	
NEUTRAL ZONE	2.9	Khafji-28	4.64	4.64	4.64	4.64	4.64	4.66	4.66	4.57	4.57	11.46	11.46	11.46	11.46	10.29	10.29	
NIGERIA	0.2	Medium-26	4.15	4.15	4.15	4.15	8.07	8.16	8.16	8.16	8.16	14.48	14.48	14.48	14.48	11.45	11.30	
	0.2	Forcados-31	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	
	0.1	Bonny Light-37	4.29	4.29	4.29	4.29	8.31	8.40	8.40	8.40	8.40	14.69	14.69	14.69	14.69	11.66	11.66	
	0.1	Brass River-41.5	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	
QATAR	1.4	Marine-36	3.04	5.50	5.50	5.50	5.50	5.56	5.56	5.41	5.41	12.01	12.01	12.01	12.01	10.80	10.80	
	1.1	Dukhan-40	3.14	5.83	5.83	5.83	5.83	5.90	5.90	5.74	5.74	12.41	12.41	12.41	12.41	11.17	11.17	
SAUDI ARABIA	1.7	Light-34	3.01	2.12	2.12	2.12	2.12	5.18	5.18	5.04	5.04	11.65	11.65	11.65	11.65	10.46	10.46	
	1.1	Berri-39	3.09	5.68	5.68	5.68	5.68	5.74	5.74	5.60	5.60	12.35	12.35	12.35	12.35	11.11	11.11	
	2.4	Medium-31	2.88	4.90	4.90	4.90	4.90	4.96	4.96	4.82	4.82	11.56	11.56	11.56	11.56	10.38	10.38	
	2.8	Heavy-27	4.63	4.63	4.63	4.63	4.63	4.68	4.68	4.56	4.56	11.44	11.44	11.44	11.44	10.27	10.27	

b Indicates crude type not produced in that year.

25X1

SECRET

25X1

*Prices of Selected Crudes, 1970-85 (continued)**(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:														
			1973					1974				1975					
			15 Oct	16 Oct	17 Oct	19 Oct	20 Oct	1 Nov	10 Nov	1 Dec	15 Dec	1 Jan	1 Apr	1 Jul	1 Oct	1 Nov	1 Jan
UNITED ARAB																	
EMIRATES																	
ABU DHABI	0.8	Murban-39	3.14	6.05	6.05	6.05	6.05	6.11	6.11	5.94	5.94	12.64	12.64	12.64	12.64	11.38	10.87
DUBAYY	1.7	Fateh-32	2.94	5.96	5.96	5.96	5.96	5.96	5.96	4.92	4.92	11.60	11.60	11.60	11.60	11.19	11.19
SHARJAH	0.6	Mubarek-38	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
VENEZUELA	2.4	Bachaquero-17	3.80	3.80	3.80	3.80	3.80	6.03	6.03	6.23	6.23	11.26	11.26	11.26	11.26	11.26	11.26
	1.7	Tia Juana-26	4.23	4.23	4.23	4.23	4.23	6.57	6.57	6.77	6.77	11.80	11.80	12.33	12.33	12.33	12.33
	0.8	Oficina-34	4.75	4.75	4.75	4.75	4.75	7.11	7.11	7.31	7.31	12.34	12.34	12.90	12.90	12.90	12.90

b Indicates crude type not produced in that year.

25X1

SECRET

25X1

## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:		1976										1977			
			1975 1 Apr	1 Oct	1 Jan	14 Feb	1 Apr	1 Jun	9 Jun	11 Jun	1 Jul	1 Oct	1 Dec	1 Jan	1 Apr	1 Jul	1 Oct	
ALGERIA	0.1	Saharan Blend-44	11.75	12.75	12.95	12.95	13.00	13.00	13.00	13.05	13.05	13.05	13.05	14.30	14.30	14.45	14.45	
	0	Zarzaitine-41	b	b	12.85	12.85	12.90	12.90	12.90	12.90	13.00	13.00	13.00	14.25	14.25	14.40	14.40	
ECUADOR	0.9	Oriente-30	13.70	11.45	11.60	11.60	11.60	11.60	11.60	11.60	11.60	11.60	11.60	13.00	13.00	13.00	13.00	
GABON	1.1	Mandji-30	11.70	11.55	11.55	11.55	11.55	11.55	11.55	11.55	11.55	11.55	11.55	12.80	12.80	12.70	12.70	
INDONESIA	0.1	Sumatran Light-34	12.60	12.80	12.80	12.80	12.80	12.80	12.80	12.80	12.80	12.80	12.80	13.55	13.55	13.55	13.55	
	0.1	Ardjuna-37	12.60	12.80	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	13.70	13.70	13.70	13.70	
IRAN	0.1	Attaka-42	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	14.10	14.10	14.10	14.10	
	1.4	Light-34	10.67	11.62	11.62	11.62	11.62	11.62	11.62	11.62	11.62	11.62	11.62	12.81	12.81	12.81	12.81	
IRAQ	1.6	Heavy-31	10.45	11.50	11.50	11.40	11.40	11.23	11.33	11.33	11.33	11.33	11.33	12.49	12.49	12.49	12.49	
	2.1	Basrah Light-35	10.48	11.53	11.53	11.53	11.53	11.53	11.53	11.53	11.43	11.43	11.43	12.65	12.65	12.65	12.65	
KUWAIT	1.9	Kirkuk-36	7.10	7.10	7.10	7.10	7.10	11.70	11.70	11.70	11.65	11.65	11.65	12.89	12.89	12.85	12.85	
	2.5	Kuwait-31	10.37	11.30	11.30	11.30	11.30	11.23	11.23	11.23	11.23	11.23	11.23	12.37	12.37	12.37	12.37	
LIBYA	0.1	Sarir-37.5	b	12.10	12.10	12.10	12.10	12.10	12.10	12.10	12.10	12.10	12.10	13.34	13.34	13.53	13.53	
NEUTRAL ZONE	0.2	Brega-40	14.60	12.32	12.32	12.32	12.32	12.32	12.32	12.32	12.32	12.32	12.32	13.97	13.97	14.20	14.20	
	2.9	Khafji-28	10.29	11.15	11.15	11.15	11.15	11.05	11.05	11.05	11.05	11.05	11.05	12.24	12.24	12.10	12.10	
NIGERIA	0.2	Medium-26	11.30	13.50	13.50	13.50	13.50	13.50	13.50	13.50	12.55	12.52	12.52	13.73	13.73	13.73	13.73	
	0.2	Forcados-31	b	b	b	b	b	b	b	b	12.92	13.07	13.07	14.10	14.42	14.42	14.42	
QATAR	0.1	Bonny Light-37	11.66	12.60	12.60	12.60	12.60	12.60	12.60	12.60	13.10	13.25	13.25	14.33	14.63	14.63	14.63	
	0.1	Brass River-41.5	b	b	b	b	b	b	b	b	13.19	13.34	13.34	14.42	14.72	14.72	14.72	
SAUDI ARABIA	1.4	Marine-36	10.80	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	13.00	13.00	13.00	13.00	
	1.1	Dukhan-40	11.17	11.85	11.85	11.85	11.85	11.85	11.85	11.85	11.85	11.85	11.85	13.19	13.19	13.19	13.19	
SAUDI ARABIA	1.7	Light-34	10.46	11.51	11.51	11.51	11.51	11.51	11.51	11.51	11.51	11.51	11.51	12.09	12.09	12.70	12.70	
	1.1	Berri-39	11.11	11.87	11.87	11.87	11.87	11.87	11.87	11.87	11.87	11.87	11.87	12.48	12.48	13.22	13.22	
	2.4	Medium-31	10.38	11.33	11.33	11.33	11.33	11.33	11.33	11.33	11.33	11.33	11.33	11.28	11.28	12.32	12.32	
	2.8	Heavy-27	10.27	11.14	11.14	11.14	11.14	11.14	11.14	11.14	11.04	11.04	11.04	11.37	11.37	12.02	12.02	

b Indicates crude type not produced in that year.

25X1

SECRET

25X1

*Prices of Selected Crudes, 1970-85 (continued)**(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:				1977													
			1975		1976		1 Apr	1 Oct	1 Jan	14 Feb	1 Apr	1 Jun	9 Jun	11 Jun	1 Jul	1 Oct	1 Dec	1 Jan	1 Apr	1 Jul
UNITED ARAB EMIRATES																				
ABU DHABI	0.8	Murban-39	10.87	11.92	11.92	11.92	11.92	11.92	11.92	11.92	11.92	11.91	11.91	11.92	12.50	12.50	13.26	13.26		
DUBAYY	1.7	Fateh-32	11.19	11.51	11.51	11.51	11.51	11.51	11.51	11.51	11.51	11.51	11.51	11.45	12.03	12.03	12.64	12.64		
SHARJAH	0.6	Mubarek-38	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b		
VENEZUELA																				
	2.4	Bachaquero-17	11.26	12.26	10.00	10.00	10.16	10.16	10.16	10.16	10.16	10.16	10.45	10.45	11.01	11.01	11.01	11.55		
	1.7	Tia Juana-26	12.33	13.43	11.22	11.22	11.65	11.65	11.65	11.65	11.65	11.32	11.65	11.65	12.72	12.72	12.72	12.82		
	0.8	Oficina-34	12.90	14.40	12.80	12.80	12.80	12.80	12.80	12.80	12.80	12.80	12.80	12.80	13.99	13.99	13.99	13.99		

b Crude type was not produced in that year.

25X1

SECRET

25X1

## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:		1979													
			1977 1 Dec	1978 1 Jan	1 Apr	1 Jul	1 Oct	1 Dec	1 Jan	1 Feb	15 Feb	20 Feb	21 Feb	1 Mar	3 Mar	1 Apr	1 May	
ALGERIA	0.1	Saharan Blend-44	14.45	14.25	14.10	14.10	14.10	14.10	14.81	14.81	14.81	14.81	14.81	14.81	14.81	14.81	18.55	18.55
	0	Zarzaitine-41	14.40	14.20	14.05	14.05	14.05	14.05	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	18.50	18.50
ECUADOR	0.9	Oriente-30	12.65	12.65	12.37	12.37	12.37	12.37	13.03	13.03	13.03	13.03	13.03	13.03	17.76	17.76	19.09	20.24
GABON	1.1	Mandji-30	12.70	12.70	12.70	12.70	12.70	12.70	13.23	13.23	13.23	13.23	13.23	13.23	13.23	13.23	15.60	16.20
INDONESIA	0.1	Sumatran Light-34	13.55	13.55	13.55	13.55	13.55	13.55	13.90	13.90	13.90	13.90	13.90	13.90	13.90	13.90	15.65	16.15
	0.1	Ardjuna-37	13.70	13.70	13.70	13.70	13.70	13.70	14.40	14.40	14.40	14.40	14.40	14.40	14.40	14.40	16.45	17.20
IRAN	0.1	Attaka-42	14.10	14.10	14.10	14.10	14.10	14.10	14.95	14.95	14.95	14.95	14.95	14.95	14.95	14.95	17.00	18.00
	1.4	Light-34	12.81	12.81	12.81	12.81	12.81	12.81	13.45	13.45	13.45	13.45	13.45	13.45	13.45	13.45	16.57	16.57
IRAQ	1.6	Heavy-31	12.49	12.49	12.49	12.49	12.49	12.49	13.06	13.06	13.06	13.06	13.06	13.06	13.06	13.06	16.04	16.04
	2.1	Basrah Light-35	12.65	12.65	12.65	12.65	12.65	12.65	13.21	13.21	13.21	13.21	13.21	13.21	13.21	13.21	15.70	16.40
KUWAIT	1.9	Kirkuk-36	12.85	12.85	12.85	12.85	12.85	12.85	13.41	13.41	13.41	13.41	13.41	13.41	13.41	13.41	15.95	16.65
	2.5	Kuwait-31	12.37	12.37	12.37	12.37	12.37	12.37	12.83	12.83	12.83	14.03	14.03	14.03	14.03	14.03	15.80	15.80
LIBYA	0.1	Sarir-37.5	13.29	13.29	13.29	13.29	13.29	13.29	14.13	14.13	14.13	14.13	14.13	14.81	14.81	15.51	17.70	17.70
	0.2	Brega-40	13.85	13.85	13.85	13.85	13.85	13.85	14.69	14.69	14.69	14.69	14.69	15.37	15.37	16.07	18.25	18.25
NEUTRAL ZONE	2.9	Khafji-28	12.10	12.03	12.03	12.03	12.03	12.03	12.53	12.53	12.53	13.73	13.73	13.73	13.73	13.73	15.46	15.46
NIGERIA	0.2	Medium-26	13.73	13.66	13.47	13.47	13.47	13.47	14.25	14.25	14.25	14.25	14.25	14.25	14.25	14.25	17.52	17.52
	0.2	Forcados-31	14.42	14.01	13.60	13.60	13.60	13.60	14.46	14.46	14.46	14.46	14.46	14.46	14.46	14.46	18.12	18.12
QATAR	0.1	Bonny Light-37	14.63	14.33	14.10	14.10	14.10	14.10	14.82	14.82	14.82	14.82	14.82	14.82	14.82	14.82	18.52	18.52
	0.1	Brass River-41.5	14.72	14.36	14.13	14.13	14.13	14.13	14.86	14.86	14.86	14.86	14.86	14.86	14.86	14.86	18.62	18.62
	1.4	Marine-36	13.00	13.00	13.00	13.00	13.00	13.00	13.77	13.77	14.71	14.71	14.71	14.71	14.71	14.71	16.85	16.85
SAUDI ARABIA	1.1	Dukhan-40	13.19	13.19	13.19	13.19	13.19	13.19	14.03	14.03	15.05	15.05	15.05	15.05	15.05	15.05	17.04	17.04
	1.7	Light-34	12.70	12.70	12.70	12.70	12.70	12.70	13.34	13.34	13.34	13.34	13.34	13.34	13.34	13.34	14.54	14.55
	1.1	Berri-39	13.22	13.22	13.22	13.22	13.22	13.22	14.06	14.06	14.06	14.06	14.06	14.06	14.06	14.06	16.47	16.47
	2.4	Medium-31	12.32	12.32	12.32	12.32	12.32	12.32	12.89	12.89	12.89	12.89	12.89	12.89	12.89	12.89	14.05	14.05
	2.8	Heavy-27	12.02	12.02	12.02	12.02	12.02	12.02	12.51	12.51	12.51	12.51	12.51	12.51	12.51	12.51	13.64	13.64

25X1

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25X1

**Prices of Selected Crudes, 1970-85 (continued)**

*(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:		1978							1979						
			1977 1 Dec	1978 1 Jan	1 Apr	1 Jul	1 Oct	1 Dec	1 Jan	1 Feb	15 Feb	20 Feb	21 Feb	1 Mar	3 Mar	1 Apr	1 May	
<b>UNITED ARAB EMIRATES</b>																		
ABU DHABI	0.8	Murban-39	13.26	13.26	13.26	13.26	13.26	13.26	13.26	14.10	14.10	15.12	15.12	15.12	15.12	17.10	17.10	
DUBAYY	1.7	Fateh-32	12.64	12.64	12.64	12.64	12.64	12.64	13.27	13.27	14.27	14.27	14.27	14.27	14.27	16.29	16.29	
SHARJAH	0.6	Mubarek-38	14.67	14.13	14.13	15.00	15.41	13.29	14.13	15.15	15.15	15.15	15.15	15.15	15.15	17.13	17.13	
<b>VENEZUELA</b>																		
	2.4	Bachaquero-17	11.38	11.38	11.38	11.38	11.38	11.38	11.62	11.62	11.62	11.62	11.62	11.62	11.62	13.32	13.32	
	1.7	Tia Juana-26	12.82	12.82	12.82	12.82	12.82	12.82	13.36	13.36	13.36	13.36	13.36	13.36	13.36	15.76	15.76	
	0.8	Oficina-34	13.99	13.99	13.99	13.99	13.99	13.99	14.69	14.69	14.69	14.69	14.69	14.69	14.69	17.21	17.21	

25X1

**SECRET**

SECRET

25X1

## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:														
			1979														
			15 May	16 May	17 May	27 May	1 Jun	15 Jun	1 Jul	15 Jul	1 Aug	1 Sep	1 Oct	15 Oct	20 Oct	24 Oct	1 Nov
ALGERIA	0.1	Saharan Blend-44	18.55	21.00	21.00	21.00	21.00	21.00	23.50	23.50	23.50	23.50	23.50	23.50	23.50	26.27	26.27
	0	Zarzaitine-41	18.50	20.95	20.95	20.95	20.95	20.95	23.45	23.45	23.45	23.45	23.45	23.45	23.45	26.22	26.22
ECUADOR	0.9	Oriente-30	20.24	20.24	20.24	20.24	26.63	26.63	23.41	23.41	23.41	26.00	23.28	23.28	23.28	23.28	30.57
GABON	1.1	Mandji-30	16.20	16.20	16.20	16.20	16.94	16.94	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
INDONESIA	0.1	Sumatran Light-34	16.15	16.15	16.15	16.15	16.15	18.25	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12
	0.1	Ardjuna-37	17.20	17.20	17.20	17.20	17.20	19.70	19.70	21.59	21.59	21.59	21.59	21.59	21.59	21.59	21.59
	0.1	Attaka-42	18.00	18.00	18.00	18.00	18.00	21.00	21.00	23.50	23.50	23.50	23.50	23.50	23.50	23.50	23.50
IRAN	1.4	Light-34	17.17	17.17	17.17	17.17	18.47	18.47	22.00	22.00	22.00	22.00	23.50	23.50	23.50	23.50	23.50
	1.6	Heavy-31	16.64	16.64	16.64	16.64	17.74	17.74	19.90	19.90	19.90	19.90	22.77	22.77	22.77	22.77	22.77
IRAQ	2.1	Basrah Light-35	16.40	16.40	16.40	16.40	16.94	16.94	19.96	19.96	19.96	19.96	19.96	19.96	21.96	21.96	23.96
	1.9	Kirkuk-36	16.65	16.65	16.65	16.65	17.16	17.16	21.25	21.25	22.00	22.00	22.00	22.00	22.18	22.18	24.18
KUWAIT	2.5	Kuwait-31	15.80	15.80	15.80	15.80	15.80	15.80	19.49	19.49	19.49	19.49	21.43	21.43	21.43	21.43	25.50
LIBYA	0.1	Sarir-37.5	17.70	18.40	18.40	20.71	20.71	20.71	22.90	22.90	22.90	22.90	22.90	25.67	25.67	25.67	25.67
	0.2	Brega-40	18.25	18.95	18.95	21.26	21.26	21.26	23.45	23.45	23.45	23.45	23.45	26.22	26.22	26.22	26.22
NEUTRAL ZONE	2.9	Khafji-28	15.46	15.46	15.46	15.46	15.46	15.46	19.19	19.19	19.19	19.19	21.13	21.13	21.13	21.13	25.20
NIGERIA	0.2	Medium-26	17.52	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
	0.2	Forcados-31	18.12	20.60	20.60	20.60	20.60	20.60	23.12	23.12	23.12	23.12	23.12	23.12	23.12	23.12	23.12
	0.1	Bonny Light-37	18.52	20.96	20.96	20.96	20.96	20.96	23.49	23.49	23.49	23.49	23.49	23.49	23.49	23.49	23.49
	0.1	Brass River-41.5	18.62	21.06	21.06	21.06	21.06	21.06	23.52	23.52	23.52	23.52	23.52	23.52	23.52	23.52	23.52
QATAR	1.4	Marine-36	16.85	16.85	17.65	17.65	17.65	17.65	21.23	21.23	21.23	21.23	21.23	21.23	21.23	21.23	27.23
	1.1	Dukhan-40	17.04	17.04	17.84	17.84	17.84	17.84	21.42	21.42	21.42	21.42	21.42	21.42	21.42	21.42	27.42
SAUDI ARABIA	1.7	Light-34	14.55	14.55	14.55	14.55	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	24.00
	1.1	Berri-39	17.87	17.87	17.87	17.87	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32	21.32	24.72
	2.4	Medium-31	14.05	14.05	14.05	14.05	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	23.55
	2.8	Heavy-27	13.64	13.64	13.64	13.64	17.17	17.17	17.17	17.17	17.17	17.17	17.17	17.17	17.17	17.17	23.17

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*Prices of Selected Crudes, 1970-85 (continued)**(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:														
			1979														
			15 May	16 May	17 May	27 May	1 Jun	15 Jun	1 Jul	15 Jul	1 Aug	1 Sep	1 Oct	15 Oct	20 Oct	24 Oct	1 Nov
UNITED ARAB EMIRATES																	
ABU DHABI	0.8	Murban-39	17.10	17.10	17.90	17.90	17.90	17.90	21.56	21.56	21.56	21.56	21.56	21.56	21.56	21.56	27.56
DUBAYY	1.7	Fateh-32	16.29	16.29	17.09	17.09	17.09	17.09	19.93	19.93	19.93	19.93	19.93	19.93	19.93	19.93	25.93
SHARJAH	0.6	Mubarek-38	17.13	17.13	17.93	17.93	17.93	17.93	21.62	21.62	21.62	21.62	21.62	21.62	21.62	21.62	27.62
VENEZUELA																	
	2.4	Bachaquero-17	13.32	13.32	13.32	13.32	13.32	13.32	15.80	15.80	17.00	17.00	17.00	17.00	17.00	17.00	17.00
	1.7	Tia Juana-26	15.76	16.36	16.36	16.36	16.36	16.36	19.31	19.31	19.48	19.48	19.48	19.48	19.48	19.48	19.48
	0.8	Oficina-34	17.21	17.81	17.81	17.81	17.81	17.81	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45

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## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of: 1979							1980							
			6 Nov	9 Nov	17 Nov	1 Dec	13 Dec	14 Dec	15 Dec	17 Dec	1 Jan	1 Feb	4 Feb	6 Feb	8 Feb	1 Mar	1 Apr
ALGERIA	0.1	Saharan Blend-44	26.27	26.27	26.27	26.27	26.27	30.00	30.00	30.00	30.00	30.00	34.21	34.21	34.21	34.21	34.21
	0	Zarzaitine-41	26.22	26.22	26.22	26.22	26.22	30.00	30.00	30.00	30.00	30.00	34.21	34.21	34.21	34.21	34.21
ECUADOR	0.9	Oriente-30	30.57	30.57	30.57	32.09	32.09	32.09	32.09	32.09	36.41	34.80	34.80	34.80	34.80	34.87	31.66
GABON	1.1	Mandji-30	22.00	24.50	24.50	24.50	24.50	24.50	24.50	24.50	28.00	28.00	28.00	28.00	30.00	30.00	30.00
INDONESIA	0.1	Sumatran Light-34	21.12	21.12	23.50	23.50	23.50	23.50	23.50	25.50	27.50	27.50	29.50	29.50	29.50	29.50	29.50
	0.1	Ardjuna-37	21.59	21.59	23.50	23.50	23.50	23.50	23.50	26.00	28.95	28.95	30.95	30.95	30.95	30.95	30.95
	0.1	Attaka-42	23.50	23.50	23.50	23.50	23.50	23.50	23.50	27.90	30.25	30.25	32.25	32.25	32.25	32.25	32.25
IRAN	1.4	Light-34	23.50	23.50	23.50	28.50	28.50	28.50	28.50	28.50	31.00	31.00	31.00	31.00	31.00	31.00	35.37
	1.6	Heavy-31	22.77	22.77	22.77	27.77	27.77	27.77	27.77	27.77	30.27	30.27	30.27	30.27	30.27	30.27	34.37
IRAQ	2.1	Basrah Light-35	23.96	23.96	23.96	25.96	25.96	25.96	25.96	25.96	27.96	27.96	27.96	27.96	27.96	27.96	27.96
	1.9	Kirkuk-36	24.18	24.18	24.18	26.18	26.18	26.18	26.18	26.18	28.18	28.18	28.18	28.18	28.18	28.18	28.18
KUWAIT	2.5	Kuwait-31	25.50	25.50	25.50	25.50	25.50	25.50	25.50	25.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50
LIBYA	0.1	Sarir-37.5	25.67	25.67	25.67	25.67	29.40	29.40	29.40	29.40	34.12	34.12	34.12	34.12	34.12	34.12	34.12
	0.2	Brega-40	26.22	26.22	26.22	26.22	29.95	29.95	29.95	29.95	34.67	34.67	34.67	34.67	34.67	34.67	34.67
NEUTRAL ZONE	2.9	Khafji-28	25.20	25.20	25.20	25.20	25.20	25.20	25.20	25.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20
NIGERIA	0.2	Medium-26	24.77	24.77	24.77	24.77	24.77	24.77	24.77	28.70	28.70	28.70	32.91	32.91	32.91	32.91	33.42
	0.2	Forcados-31	25.87	25.87	25.87	25.87	25.87	25.87	25.87	29.80	29.80	29.80	34.01	34.01	34.01	34.01	34.52
	0.1	Bonny Light-37	26.24	26.24	26.24	26.24	26.24	26.24	26.24	29.97	29.97	29.97	34.18	34.18	34.18	34.18	34.69
	0.1	Brass River-41.5	26.27	26.27	26.27	26.27	26.27	26.27	26.27	30.00	30.00	30.00	34.21	34.21	34.21	34.21	34.72
QATAR	1.4	Marine-36	27.23	27.23	27.23	27.23	27.23	27.23	27.23	29.23	29.23	29.23	29.23	29.23	29.23	29.23	29.23
	1.1	Dukhan-40	27.42	27.42	27.42	27.42	27.42	27.42	27.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42
SAUDI ARABIA	1.7	Light-34	24.00	24.00	24.00	24.00	24.00	24.00	24.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	28.00
	1.1	Berri-39	24.72	24.72	24.72	24.72	24.72	24.72	24.72	24.72	27.52	27.52	27.52	27.52	27.52	27.52	29.52
	2.4	Medium-31	23.55	23.55	23.55	23.55	23.55	23.55	23.55	23.55	25.45	25.45	25.45	25.45	25.45	25.45	27.45
	2.8	Heavy-27	23.17	23.17	23.17	23.17	23.17	23.17	23.17	23.17	25.00	25.00	25.00	25.00	25.00	25.00	27.00

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*Prices of Selected Crudes, 1970-85 (continued)**(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:							1980						
			1979							1 Jan	1 Feb	4 Feb	6 Feb	8 Feb	1 Mar	1 Apr
			6 Nov	9 Nov	17 Nov	1 Dec	13 Dec	14 Dec	15 Dec	17 Dec						
UNITED ARAB																
EMIRATES																
ABU DHABI	0.8	Murban-39	27.56	27.56	27.56	27.56	27.56	27.56	27.56	27.56	29.56	29.56	29.56	29.56	29.56	31.56
DUBAYY	1.7	Fateh-32	25.93	25.93	25.93	25.93	25.93	25.93	25.93	25.93	27.93	27.93	27.93	27.93	27.93	29.93
SHARJAH	0.6	Mubarek-38	27.62	27.62	27.62	27.62	27.62	27.62	27.62	27.62	27.62	29.62	29.62	29.62	29.62	31.62
VENEZUELA	2.4	Bachaquero-17	17.00	17.00	17.00	17.00	17.00	20.50	20.50	20.50	22.10	22.10	22.10	22.95	22.95	22.95
	1.7	Tia Juana-26	19.48	19.48	19.48	19.48	19.48	23.48	23.48	23.48	25.20	25.20	25.20	26.78	26.78	26.78
	0.8	Oficina-34	22.45	22.45	22.45	22.45	22.45	26.75	26.75	26.75	28.75	28.75	28.75	30.75	30.75	30.75

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## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:												1981		
			1980												1 Jan	1 Feb	
			1 May	15 May	16 May	20 May	22 May	26 May	1 Jun	1 Jul	1 Aug	1 Sep	1 Oct	1 Nov	1 Dec		
ALGERIA	0.1	Saharan Blend-44	34.21	34.21	35.21	35.21	35.21	35.21	35.21	37.00	37.00	37.00	37.00	37.00	37.00	40.00	40.00
	0	Zarzaitine-41	34.21	34.21	35.21	35.21	35.21	35.21	35.21	37.00	37.00	37.00	37.00	37.00	37.00	40.00	40.00
ECUADOR	0.9	Oriente-30	36.08	36.08	36.08	36.08	36.08	36.08	35.26	35.00	33.85	32.22	34.80	37.31	39.51	40.07	39.38
GABON	1.1	Mandji-30	30.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	35.00	35.00
INDONESIA	0.1	Sumatran Light-34	29.50	29.50	29.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	35.00	35.00
	0.1	Ardjuna-37	30.95	30.95	30.95	32.95	32.95	32.95	32.95	32.95	32.95	32.95	32.95	32.95	32.95	36.45	36.45
	0.1	Attaka-42	32.25	32.25	32.25	34.25	34.25	34.25	34.25	34.25	34.25	34.25	34.25	34.25	34.25	37.75	37.75
IRAN	1.4	Light-34	35.37	35.37	35.37	35.37	35.37	35.37	35.37	35.37	35.37	35.37	35.37	35.37	35.37	37.00	37.00
	1.6	Heavy-31	34.37	34.37	34.37	34.37	34.37	34.37	34.37	34.37	34.37	34.37	34.37	34.37	34.37	36.00	36.00
IRAQ	2.1	Basrah Light-35	29.96	29.96	29.96	29.96	29.96	29.96	29.96	31.96	31.96	31.96	31.96	31.96	31.96	35.96	35.96
	1.9	Kirkuk-36	30.18	30.18	30.18	30.18	30.18	30.18	30.18	32.18	32.18	32.18	32.18	32.18	32.18	36.18	36.18
KUWAIT	2.5	Kuwait-31	29.50	29.50	29.50	29.50	29.50	29.50	29.50	31.50	31.50	31.50	31.50	31.50	31.50	35.50	35.50
LIBYA	0.1	Sarir-37.5	34.12	34.12	36.12	36.12	36.12	36.12	36.12	36.40	36.40	36.40	36.40	36.40	36.40	40.40	40.40
	0.2	Brega-40	36.67	36.67	36.67	36.67	36.67	36.67	36.67	37.00	37.00	37.00	37.00	37.00	37.00	41.00	41.00
NEUTRAL ZONE	2.9	Khafji-28	27.20	27.20	27.20	29.20	29.20	29.20	29.20	31.20	31.20	31.20	31.20	31.20	31.20	35.20	35.20
NIGERIA	0.2	Medium-26	33.42	33.42	33.42	33.42	35.42	35.42	35.42	35.73	35.73	35.73	35.73	35.73	35.73	38.72	38.72
	0.2	Forcados-31	34.52	34.52	34.52	34.52	36.52	36.52	36.52	36.83	36.83	36.83	36.83	36.83	36.83	39.82	39.82
	0.1	Bonny Light-37	34.69	34.69	34.69	34.69	36.69	36.69	36.69	37.00	37.00	37.00	37.00	37.00	37.00	40.02	40.02
	0.1	Brass River-41.5	34.72	34.72	34.72	34.72	36.72	36.72	36.72	37.00	37.00	37.00	37.00	37.00	37.00	40.02	40.02
QATAR	1.4	Marine-36	31.23	31.23	31.23	31.23	31.23	31.23	31.23	33.23	33.23	33.23	33.23	33.23	33.23	37.23	37.23
	1.1	Dukhan-40	31.42	31.42	31.42	31.42	31.42	31.42	31.42	33.42	33.42	33.42	33.42	33.42	33.42	37.42	37.42
SAUDI ARABIA	1.7	Light-34	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	30.00	30.00	30.00	32.00	32.00	32.00	32.00
	1.1	Berri-39	29.52	29.52	29.52	29.52	29.52	29.52	29.52	29.52	31.52	31.52	31.52	33.52	33.52	33.52	33.52
	2.4	Medium-31	27.45	27.45	27.45	27.45	27.45	27.45	27.45	27.45	29.45	29.45	29.45	31.45	31.45	31.45	31.45
	2.8	Heavy-27	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	29.00	29.00	29.00	31.00	31.00	31.00	31.00

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*Prices of Selected Crudes, 1970-85 (continued)*

*(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:													1981	
			1980													1 Jan	1 Feb
			1 May	15 May	16 May	20 May	22 May	26 May	1 Jun	1 Jul	1 Aug	1 Sep	1 Oct	1 Nov	1 Dec		
<b>UNITED ARAB EMIRATES</b>																	
ABU DHABI	0.8	Murban-39	31.56	31.56	31.56	31.56	31.56	31.56	31.56	31.56	31.56	33.56	33.56	33.56	33.56	36.56	36.56
DUBAYY	1.7	Fateh-32	29.93	29.93	29.93	29.93	29.93	29.93	29.93	31.93	31.93	31.93	31.93	31.93	31.93	35.93	35.93
SHARJAH	0.6	Mubarek-38	31.62	31.62	31.62	31.62	31.62	31.62	31.62	31.62	31.62	33.62	33.62	33.62	33.62	36.62	36.62
<b>VENEZUELA</b>																	
	2.4	Bachaquero-17	22.95	22.95	22.95	22.95	22.95	24.95	24.95	24.95	24.95	24.95	24.95	24.95	24.95	27.95	27.95
	1.7	Tia Juana-26	26.78	26.78	26.78	26.78	26.78	29.28	29.28	29.88	29.88	29.88	29.88	29.88	29.88	32.88	32.88
	0.8	Oficina-34	30.75	30.75	30.75	30.75	30.75	34.25	34.25	34.85	34.85	34.85	34.85	34.85	34.85	38.06	38.06

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## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:										1982				
			1981										1 Jan	5 Feb	12 Feb	21 Feb	
			1 Mar	1 Apr	1 May	1 Jun	1 Jul	26 Aug	1 Sep	10 Sep	1 Oct	1 Nov	1 Dec				
ALGERIA	0.1	Saharan Blend-44	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	37.50	37.50	37.00	37.00	37.00	37.00
	0	Zarzaitine-41	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	37.50	37.50	37.00	37.00	37.00	37.00
ECUADOR	0.9	Oriente-30	38.24	36.22	34.22	32.00	32.00	32.00	32.00	32.00	34.64	34.24	34.24	33.05	33.05	33.05	33.05
GABON	1.1	Mandji-30	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00
INDONESIA	0.1	Sumatran Light-34	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
	0.1	Arjuna-37	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45
	0.1	Attaka-42	37.75	37.75	37.75	37.75	37.75	37.75	37.75	37.75	37.55	37.55	37.55	37.55	37.55	37.55	37.55
IRAN	1.4	Light-34	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	34.60	34.60	34.20	33.20	32.20	30.20
	1.6	Heavy-31	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	33.40	33.40	32.30	31.30	30.30	28.30
IRAQ	2.1	Basrah Light-35	35.96	35.96	35.96	35.96	35.96	35.96	35.96	35.96	33.96	33.96	33.96	33.46	33.46	33.46	33.46
	1.9	Karkuk-36	36.18	36.18	36.18	36.18	36.18	36.18	36.18	34.91	36.18	34.18	34.18	34.18	34.18	34.18	34.18
KUWAIT	2.5	Kuwait-31	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	33.00	33.00	32.30	32.30	32.30	32.30
LIBYA	0.1	Sarir-37.5	40.40	40.40	40.40	40.40	39.30	39.30	39.30	39.30	39.30	36.90	36.90	35.75	35.75	35.75	35.75
	0.2	Brega-40	41.00	41.00	41.00	41.00	40.00	40.00	40.00	40.00	40.00	37.50	37.50	37.00	37.00	37.00	37.00
NEUTRAL ZONE	2.9	Khafji-28	35.20	35.20	35.20	35.20	35.20	35.20	35.20	35.20	35.20	31.65	31.65	31.03	31.03	31.03	31.03
NIGERIA	0.2	Medium-26	38.72	38.72	38.72	38.72	38.72	34.70	34.70	34.70	33.20	35.20	35.20	33.75	33.75	33.75	33.75
	0.2	Forcados-31	39.82	39.82	39.82	39.82	39.82	35.80	35.80	35.80	34.30	36.30	36.30	36.00	36.00	36.00	36.00
	0.1	Bonny Light-37	40.02	40.02	40.02	40.02	40.02	36.00	36.00	36.00	34.50	36.50	36.50	36.50	36.50	36.50	36.50
	0.1	Brass River-41.5	40.02	40.02	40.02	40.02	40.02	36.00	36.00	36.00	34.50	36.60	36.60	36.60	36.60	36.60	36.60
QATAR	1.4	Marine-36	37.23	37.23	37.23	37.23	37.23	37.23	37.23	37.23	37.23	35.50	35.50	35.30	35.30	35.30	35.30
	1.1	Dukhan-40	37.40	37.40	37.40	37.40	37.40	37.40	37.40	37.40	37.40	35.65	35.65	35.45	35.45	35.45	35.45
SAUDI ARABIA	1.7	Light-34	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00
	1.1	Berri-39	33.52	33.52	33.52	33.52	33.52	33.52	33.52	33.52	33.52	35.60	35.60	35.40	35.40	35.40	35.40
	2.4	Medium-31	31.45	31.45	31.45	31.45	31.45	31.45	31.45	31.45	33.00	33.00	33.00	32.40	32.40	32.40	32.40
	2.8	Heavy-27	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.50	31.50	31.50	31.00	31.00	31.00	31.00

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*Prices of Selected Crudes, 1970-85 (continued)**(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:											1982			
			1981											1 Jan	5 Feb	12 Feb	21 Feb
			1 Mar	1 Apr	1 May	1 Jun	1 Jul	26 Aug	1 Sep	10 Sep	1 Oct	1 Nov	1 Dec				
UNITED ARAB EMIRATES																	
ABU DHABI	0.8	Murban-39	36.56	36.56	36.56	36.56	36.56	36.56	36.56	36.56	36.56	35.70	35.70	35.50	35.50	35.50	35.50
DUBAYY	1.7	Fateh-32	35.93	35.93	35.93	35.93	35.93	35.93	35.93	35.93	35.93	33.86	33.86	33.86	33.86	33.86	33.86
SHARJAH	0.6	Mubarek-38	36.62	36.62	36.62	36.62	36.62	36.62	36.62	36.62	36.62	35.76	35.76	35.56	35.56	35.56	35.56
VENEZUELA																	
	2.4	Bachaquero-17	27.95	27.95	27.95	27.95	27.95	27.95	27.95	27.95	27.95	28.49	28.49	27.79	27.79	27.79	27.79
	1.7	Tia Juana-26	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88
	0.8	Oficina-34	38.06	38.06	38.06	38.06	38.06	38.06	38.06	38.06	38.06	37.06	37.06	37.06	37.06	37.06	37.06

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## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:														
			1982														
			20 Mar	1 Apr	1 May	1 Jun	1 Jul	1 Aug	1 Sep	1 Oct	1 Nov	11 Nov	1 Dec	1983			
														1 Jan	1 Feb	23 Feb	1 Mar
ALGERIA	0.1	Saharan Blend-44	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50
	0	Zarzaitine-41	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50
ECUADOR	0.9	Oriente-30	33.05	31.20	32.80	33.20	30.25	32.45	32.25	31.90	31.75	31.75	32.50	29.60	28.45	28.45	28.00
GABON	1.1	Mandji-30	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00
INDONESIA	0.1	Sumatran Light-34	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	34.53	34.53	34.53	34.53	29.53	29.53
	0.1	Ardjuna-37	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	36.45	35.20	35.20	35.20	30.20	30.20
	0.1	Attaka-42	37.55	37.55	37.55	37.55	37.55	37.55	37.55	37.55	37.55	36.25	36.25	36.25	36.25	30.95	30.95
IRAN	1.4	Light-34	30.20	30.20	30.20	30.20	31.20	31.20	31.20	31.20	31.20	31.20	31.20	31.20	31.20	31.20	31.20
	1.6	Heavy-31	28.30	28.30	28.30	28.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30
IRAQ	2.1	Basrah Light-35	33.46	33.46	33.46	33.46	33.46	33.46	33.46	33.46	33.46	33.46	33.46	33.46	33.46	33.46	33.46
	1.9	Kirkuk-36	34.18	34.18	34.18	34.18	34.18	34.18	34.18	34.18	34.18	34.18	34.18	34.18	34.18	34.18	34.18
KUWAIT	2.5	Kuwait-31	32.30	32.30	32.30	32.30	32.30	32.30	32.30	32.30	32.30	32.30	32.30	32.30	32.30	28.30	27.30
LIBYA	0.1	Sarir-37.5	35.75	34.60	34.60	34.60	34.60	34.60	34.60	34.60	34.60	34.60	34.60	34.60	34.60	29.60	29.60
	0.2	Brega-40	37.00	35.40	35.40	35.40	35.40	35.40	35.40	35.40	35.40	35.40	35.40	35.40	35.40	30.40	30.40
NEUTRAL ZONE	2.9	Khafji-28	31.03	31.03	31.03	31.03	31.03	31.03	31.03	31.03	31.03	31.03	31.03	31.03	31.03	27.03	26.03
NIGERIA	0.2	Medium-26	33.50	33.50	33.50	33.50	33.50	33.50	33.50	33.50	33.50	33.50	33.50	33.50	33.50	28.00	28.00
	0.2	Forcados-31	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	34.50	29.00	29.00
	0.1	Bonny Light-37	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	30.00	30.00
	0.1	Brass River-41.5	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	35.50	30.00	30.00	30.00
QATAR	1.4	Marine-36	34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.30	34.30	30.30	29.30
	1.1	Dukhan-40	34.49	34.49	34.49	34.49	34.49	34.49	34.49	34.49	34.49	34.49	34.49	34.49	34.49	30.49	29.49
SAUDI ARABIA	1.7	Light-34	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	30.00	29.00
	1.1	Berri-39	34.52	34.52	34.52	34.52	34.52	34.52	34.52	34.52	34.52	34.52	34.52	34.52	34.52	30.52	29.52
	2.4	Medium-31	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	28.40	28.40	27.40
	2.8	Heavy-27	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	27.00	27.00	26.00

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*Prices of Selected Crudes, 1970-85 (continued)*

*(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:														
			1982														
			20 Mar	1 Apr	1 May	1 Jun	1 Jul	1 Aug	1 Sep	1 Oct	1 Nov	11 Nov	1 Dec	1983			
														1 Jan	1 Feb	23 Feb	1 Mar
<b>UNITED ARAB EMIRATES</b>																	
ABU DHABI	0.8	Murban-39	34.56	34.56	34.56	34.56	34.56	34.56	34.56	34.56	34.56	34.56	34.56	34.56	34.56	34.56	29.56
DUBAYY	1.7	Fateh-32	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	33.86	28.86
SHARJAH	0.6	Mubarek-38	34.59	34.59	34.59	34.59	34.59	34.59	34.59	34.59	34.59	34.59	34.59	34.59	34.59	34.59	34.59
<b>VENEZUELA</b>																	
	2.4	Bachaquero-17	25.29	25.29	25.29	25.29	25.29	25.29	25.29	25.29	25.29	25.29	25.29	25.29	25.29	25.29	25.29
	1.7	Tia Juana-26	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88
	0.8	Oficina-34	37.06	37.06	37.06	37.06	37.06	37.06	37.06	37.06	37.06	37.06	37.06	37.06	37.06	37.06	37.06

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## Prices of Selected Crudes, 1970-85 (continued)

(US \$ per barrel f.o.b.)

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of: 1983					1984				1985					
			15 Mar	1 Apr	1 Aug	1 Oct	2 Oct	1 Jan	24 May	1 Oct	18 Oct	1 Jan	7 Jan	15 Jan	1 Feb	20 Mar	1 Jul
ALGERIA	0.1	Saharan Blend-44	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	29.50	29.50
	0	Zarzaitine-41	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	29.50	29.50
ECUADOR	0.9	Oriente-30	28.00	27.50	27.50	27.50	27.50	26.90	26.90	27.45	27.45	27.45	27.45	27.45	27.45	27.45	27.45
GABON	1.1	Mandji-30	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
INDONESIA	0.1	Sumatran Light-34	29.53	29.53	29.53	29.53	29.53	29.53	29.53	29.53	29.53	29.53	29.53	29.53	29.53	29.53	29.53
	0.1	Ardjuna-37	30.20	30.20	30.20	30.20	30.20	30.20	30.20	30.20	30.20	30.20	30.20	30.20	30.20	30.20	30.20
	0.1	Attaka-42	30.95	30.95	30.95	30.95	30.95	30.95	30.95	30.95	30.95	30.95	30.95	30.95	30.95	30.95	30.95
IRAN	1.4	Light-34	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	29.11	29.11	28.05	28.05
	1.6	Heavy-31	26.90	26.90	26.90	27.10	27.10	27.10	27.10	27.10	27.10	27.10	27.10	27.55	27.55	27.35	27.35
IRAQ	2.1	Basrah Light-35	28.46	28.46	28.46	28.46	28.46	28.46	28.46	28.46	28.46	28.46	28.46	28.46	28.46	28.46	28.46
	1.9	Kirkuk-36	29.18	29.18	29.18	29.18	29.18	29.18	29.18	29.18	29.18	29.18	29.18	29.18	29.18	28.18	28.18
KUWAIT	2.5	Kuwait-31	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.30	27.10
LIBYA	0.1	Sarir-37.5	29.60	29.60	29.60	29.60	29.60	29.60	29.60	29.60	29.60	29.60	29.60	29.60	29.60	29.60	29.60
	0.2	Brega-40	30.40	30.40	30.40	30.40	30.40	30.40	30.40	30.40	30.40	30.40	30.40	30.40	30.40	30.40	30.40
NEUTRAL ZONE	2.9	Khafji-28	26.03	26.03	26.03	26.03	26.03	26.03	26.03	26.03	26.03	27.00	27.00	27.00	27.00	27.00	27.00
NIGERIA	0.2	Medium-26	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	27.50	27.50	27.50	27.50	27.62	27.62
	0.2	Forcados-31	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	28.00	28.00	28.00	28.00	28.07	28.07
	0.1	Bonny Light-37	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	28.00	28.00	28.00	28.00	28.67	28.67
	0.1	Brass River-41.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	28.67	28.67
QATAR	1.4	Marine-36	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.30	29.05	29.05	29.05	28.05	28.05
	1.1	Dukhan-40	29.49	29.49	29.49	29.49	29.49	29.49	29.49	29.49	29.49	29.24	29.24	29.24	28.10	28.10	28.10
SAUDI ARABIA	1.7	Light-34	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	28.00	28.00	28.00
	1.1	Berri-39	29.52	29.52	29.52	29.52	29.52	29.52	29.52	29.52	29.52	29.27	29.27	29.27	28.11	28.11	28.11
	2.4	Medium-31	27.40	27.40	27.40	27.40	27.40	27.40	27.40	27.40	27.40	27.65	27.65	27.65	27.40	27.40	27.20
	2.8	Heavy-27	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.50	26.50	26.50	26.50	26.50	26.00

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*Prices of Selected Crudes, 1970-85 (continued)**(US \$ per barrel f.o.b.)*

Country	% Sulfur	Type of Crude/ Gravity Degrees API	Price as of:					1984					1985				
			1983					1 Jan	24 May	1 Oct	18 Oct	1 Jan	7 Jan	15 Jan	1 Feb	20 Mar	1 Jul
			15 Mar	1 Apr	1 Aug	1 Oct	2 Oct										
UNITED ARAB																	
EMIRATES																	
ABU DHABI	0.8	Murban-39	29.56	29.56	29.56	29.56	29.56	29.56	29.56	29.56	29.56	29.31	29.31	29.31	28.15	28.15	28.15
DUBAYY	1.7	Fateh-32	28.86	28.86	28.86	28.86	28.86	28.86	28.86	28.86	28.86	28.86	28.86	28.86	28.86	28.86	28.86
SHARJAH	0.6	Mubarek-38	34.59	29.59	29.59	29.59	29.59	29.59	29.59	29.59	29.59	29.59	29.59	29.59	29.59	29.59	29.59
VENEZUELA																	
	2.4	Bachaquero-17	23.00	23.00	24.00	24.00	25.00	25.00	25.50	25.50	25.50	25.50	25.50	25.50	25.50	25.50	25.50
	1.7	Tia Juana-26	27.88	27.88	27.88	27.88	27.88	27.88	27.88	27.88	27.88	27.88	27.88	27.88	27.88	27.88	27.88
	0.8	Oficina-34	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09

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*Natural Gas Liquids Production, 1970-83**(thousand barrels per day)*

COUNTRY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Algeria	22	16	19	33	33	49	66	69	88	151	190	213	220	240
Ecuador	a	a	a	1	a	1	1	1	2	2	2	2	2	2
Indonesia	a	a	a	a	a	a	10	10	30	40	20	20	20	40
Iran	23	32	33	42	44	43	45	43	32	25	25	5	7	10
Iraq	a	a	a	a	6	7	7	7	12	12	15	5	5	5
Kuwait	33	52	56	61	55	48	54	55	53	60	65	60	44	45
Libya	15	7	28	35	17	16	47	41	30	30	40	35	35	35
Nigeria	a	a	a	a	a	a	8	a	a	a	a	a	a	a
Qatar	a	a	a	a	a	7	8	3	a	a	2	17	18	20
Saudi Arabia	48	47	50	92	132	137	183	209	248	303	369	443	461	420
United Arab Emirates	a	a	a	a	a	a	a	3	14	40	55	111	136	154
Abu Dhabi	a	a	a	a	a	a	a	3	14	40	40	96	104	105
Dubayy	a	a	a	a	a	a	a	a	a	a	15	15	20	21
Sharjah	a	a	a	a	a	a	a	a	a	a	a	a	12	28
Venezuela	44	70	85	93	84	80	69	79	61	69	60	55	58	65
TOTAL OPEC	185	224	271	357	371	388	498	520	570	732	843	966	1,006	1,036

a Negligible, i.e. less than 500 b/d.

SOURCE: CIA Estimates.

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**Natural Gas Production by Country, 1970-83** *a* (million cubic meters per year)

COUNTRY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Algeria	9,912	13,375	15,529	21,521	19,829	20,951	24,439	26,593	32,517	43,580	43,427	65,442	82,055	89,846
Ecuador	172	173	166	325	316	299	311	348	352	420	379	387	390	418
Gabon	1,500	1,500	1,500	1,611	1,770	1,712	1,826	1,747	1,825	1,930	1,859	1,871	1,900	1,920
Indonesia	3,070	3,432	4,147	5,030	5,436	6,293	8,656	15,103	18,212	28,165	29,612	31,820	31,486	33,594
Iran	30,780	36,960	41,685	48,090	50,048	45,403	50,295	56,748	55,150	39,678	20,080	16,300	24,500	25,700
Iraq	6,130	8,010	7,420	8,729	9,323	10,439	13,268	10,500	11,000	14,410	11,370	3,930	4,200	4,010
Kuwait	16,132	18,209	18,343	16,450	13,222	10,829	11,208	10,272	11,124	13,035	8,780	6,311	4,610	5,437
Libya	19,366	15,759	14,047	16,283	12,045	13,848	17,946	20,008	21,244	23,470	20,380	12,750	13,100	12,500
Nigeria	8,093	12,980	17,122	20,561	26,623	18,955	22,101	21,445	20,428	30,049	24,552	16,572	15,127	15,181
Qatar	3,710	4,514	5,380	6,213	5,151	5,437	4,730	4,290	4,650	6,677	6,400	5,959	5,758	5,482
Saudi Arabia	20,625	25,481	32,568	44,292	47,310	37,812	47,230	48,700	43,748	50,561	53,265	52,382	33,564	26,900
UAE <sup>b</sup>	7,536	10,430	11,215	13,690	13,054	12,233	15,410	18,141	16,353	16,330	17,459	16,140	14,880	15,510
Venezuela	48,427	47,579	46,020	49,434	46,426	38,008	37,135	37,516	34,524	36,943	35,449	34,681	33,263	31,765
TOTAL OPEC	175,453	198,402	215,142	252,229	250,553	222,219	254,555	271,411	271,127	305,248	273,012	264,545	264,833	268,263

<sup>a</sup> Gross production.<sup>b</sup> Abu Dhabi only from 1970-76.

Source: OPEC Annual Statistical Bulletins.

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*Natural Gas Exports, 1970-83**(million cubic meters per year)*

COUNTRY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Algeria	1,532	1,487	2,494	2,503	2,868	3,417	4,598	4,817	6,182	11,139	6,538	7,081	10,001	19,112
Ecuador	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Gabon	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Indonesia	a	a	a	a	a	a	a	661	5,022	8,323	11,480	11,753	12,332	12,962
Iran	864	5,036	7,350	8,143	8,143	9,570	9,270	9,260	7,250	4,360	220	256	a	a
Iraq	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Kuwait	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Libya	a	482	2,274	3,160	3,600	3,330	4,240	4,100	3,675	3,626	2,134	998	1,103	1,017
Nigeria	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Qatar	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Saudi Arabia	a	a	a	a	a	a	a	a	a	a	a	a	a	a
United Arab Emirates	a	a	a	a	a	a	a	a	516	1,698	1,676	2,604	2,646	2,981
Venezuela	a	a	a	a	a	a	a	a	a	a	a	a	a	a
TOTAL OPEC	2,396	7,005	12,118	13,806	14,611	16,317	18,108	19,354	23,827	29,124	22,976	22,734	26,417	35,567

a Negligible.

Source: OPEC Annual Statistical Bulletins.

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