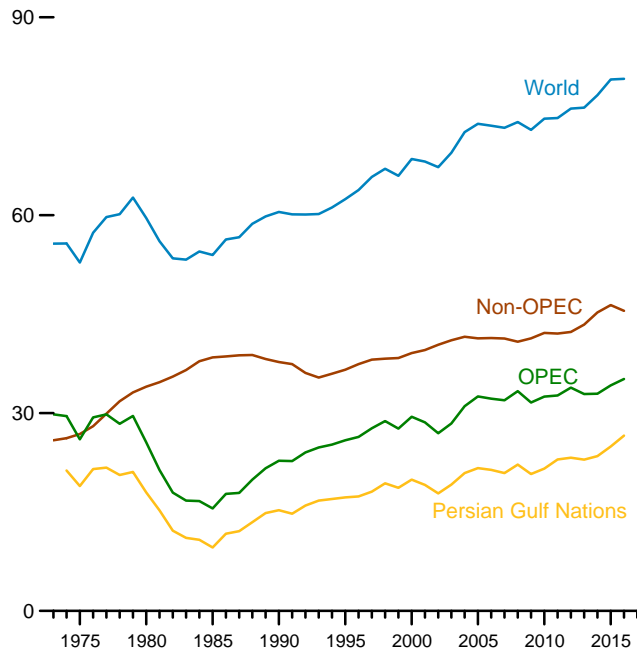


# **11. International Petroleum**

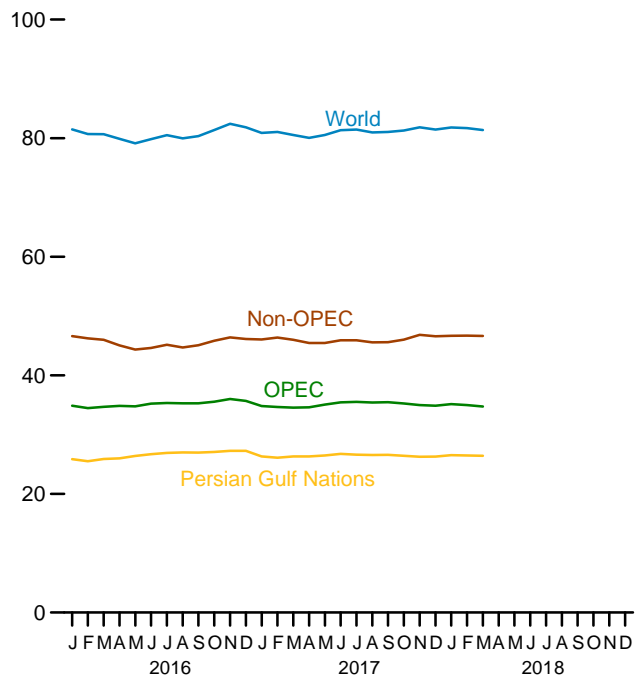
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**Figure 11.1a World Crude Oil Production Overview**  
(Million Barrels per Day)

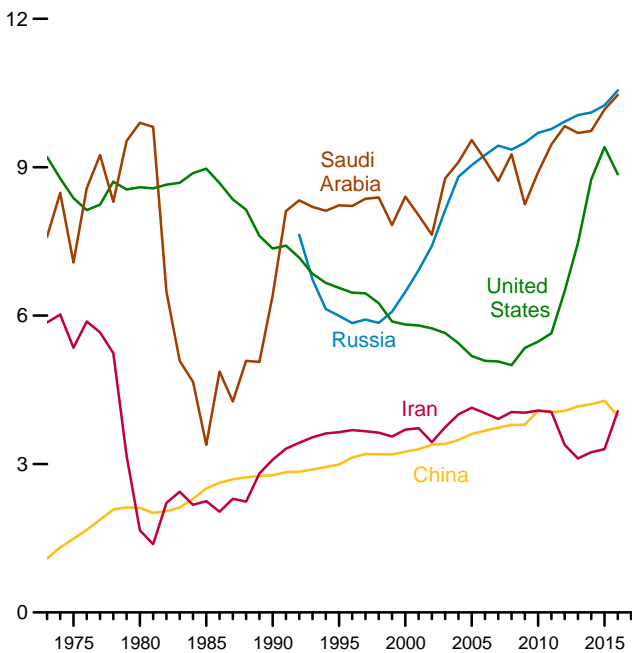
World Production, 1973–2017



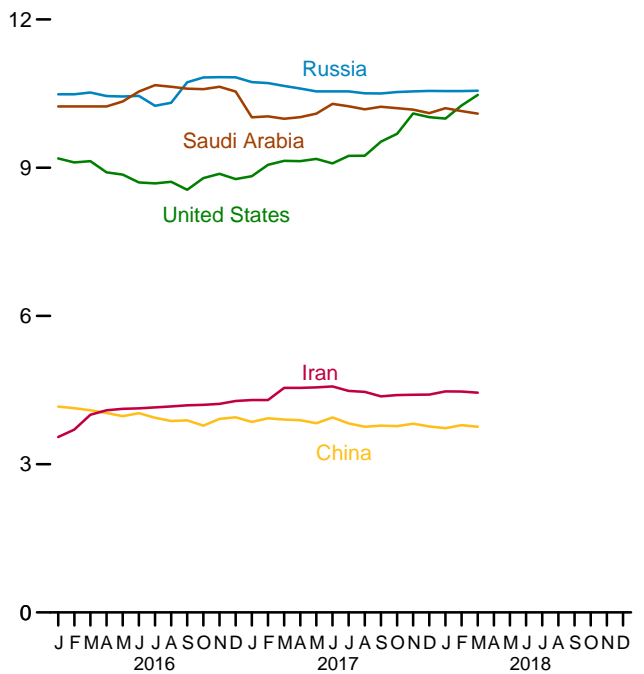
World Production, Monthly



Selected Producers, 1973–2017



Selected Producers, Monthly



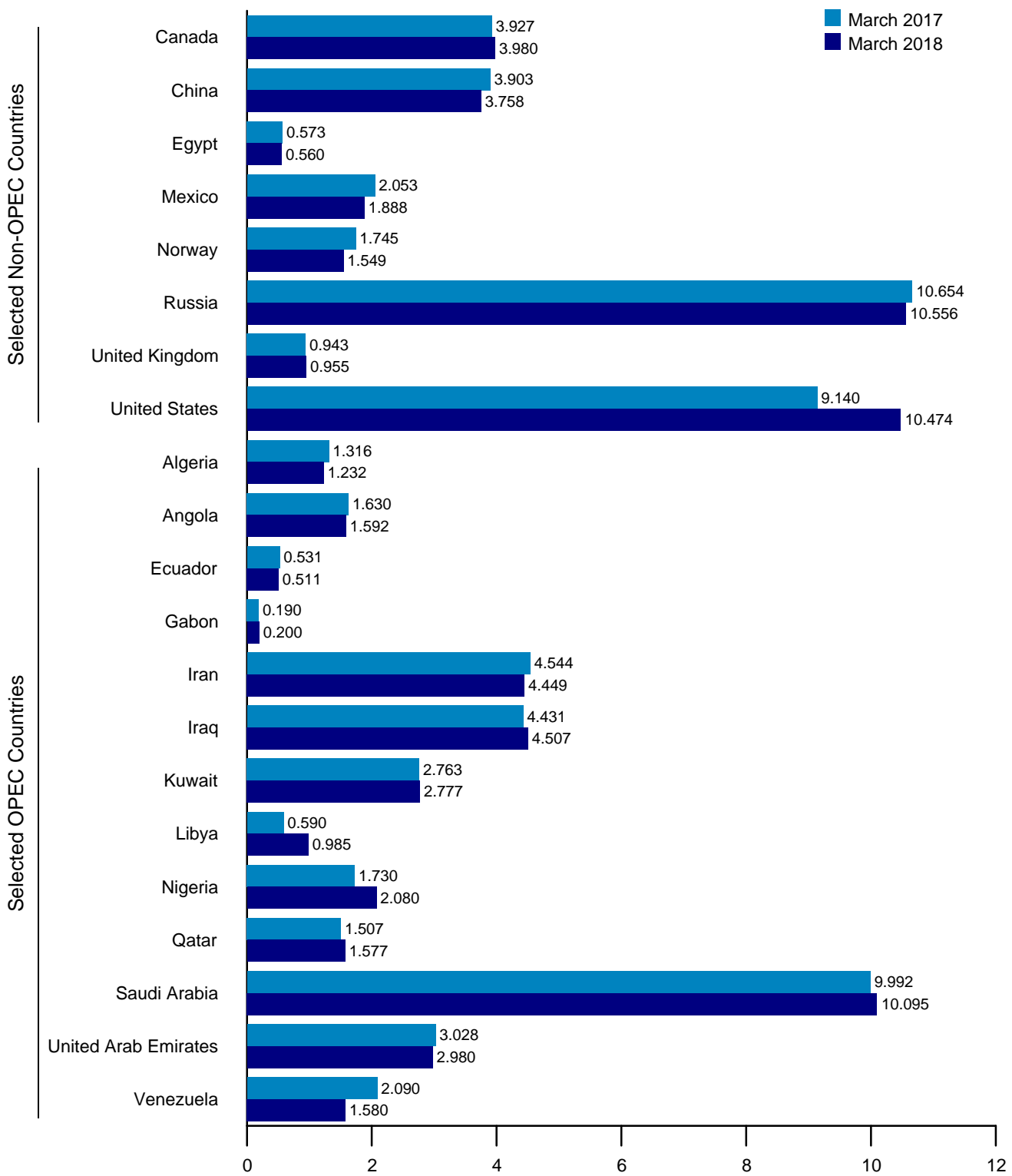
Notes: • OPEC is the Organization of the Petroleum Exporting Countries. • The Persian Gulf Nations are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Neutral Zone between Kuwait and Saudi Arabia is included in “Per-

sian Gulf Nations.”

Web Page: <http://www.eia.gov/totalenergy/data/monthly/#international>.

Sources: Tables 11.1a and 11.1b.

**Figure 11.1b World Crude Oil Production by Selected Countries**  
(Million Barrels per Day)



Note: OPEC is the Organization of the Petroleum Exporting Countries.  
 Web Page: <http://www.eia.gov/totalenergy/data/monthly/#international>.  
 Sources: Tables 11.1a and 11.1b.

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

	Algeria	Angola	Ecuador	Gabon	Iran	Iraq	Kuwait <sup>a</sup>	Libya	Nigeria	Qatar	Saudi Arabia <sup>a</sup>	United Arab Emirates	Venezuela	Total OPEC <sup>b</sup>
1973 Average	1,097	162	209	150	5,861	2,018	3,020	2,175	2,054	570	7,596	1,533	3,366	29,811
1975 Average	983	165	161	223	5,350	2,262	2,084	1,480	1,783	438	7,075	1,664	2,346	26,013
1980 Average	1,106	150	204	175	1,662	2,514	1,656	1,787	2,055	472	9,900	1,709	2,168	25,558
1985 Average	1,036	231	281	172	2,250	1,433	1,023	1,059	1,495	301	3,388	1,193	1,677	15,539
1990 Average	1,180	475	285	270	3,088	2,040	1,175	1,375	1,810	406	6,410	2,117	2,137	22,768
1995 Average	1,162	646	392	365	3,643	560	2,057	1,390	1,993	442	8,231	2,233	2,750	25,870
1996 Average	1,227	709	396	368	3,686	579	2,062	1,401	2,001	510	8,218	2,278	2,938	26,389
1997 Average	1,259	714	388	370	3,664	1,155	2,007	1,446	2,132	550	8,362	2,316	3,280	27,697
1998 Average	1,226	735	375	352	3,634	2,150	2,085	1,390	2,153	696	8,389	2,345	3,167	28,781
1999 Average	1,177	745	373	331	3,557	2,508	1,898	1,319	2,130	665	7,833	2,169	2,826	27,632
2000 Average	1,214	746	395	315	3,696	2,571	2,079	1,410	2,165	742	8,404	2,368	3,155	29,427
2001 Average	1,265	742	412	270	3,724	2,390	1,998	1,367	2,256	730	8,031	2,205	3,010	28,581
2002 Average	1,349	896	393	251	3,444	2,023	1,894	1,319	2,118	709	7,634	2,082	2,604	26,929
2003 Average	1,516	903	411	241	3,743	1,308	2,136	1,421	2,275	807	8,775	2,348	2,335	28,425
2004 Average	1,582	1,052	528	239	4,001	2,011	2,376	1,515	2,329	901	9,101	2,478	2,557	31,036
2005 Average	1,692	1,239	532	266	4,139	1,878	2,529	1,633	2,627	978	9,550	2,535	2,565	32,526
2006 Average	1,699	1,398	536	237	4,028	1,996	2,535	1,681	2,440	996	9,152	2,636	2,511	32,187
2007 Average	1,708	1,724	511	244	3,912	2,086	2,464	1,702	2,350	1,083	8,722	2,603	2,490	31,944
2008 Average	1,705	1,951	505	248	4,050	2,375	2,586	1,736	2,165	1,198	9,261	2,681	2,510	33,308
2009 Average	1,585	1,877	486	242	4,037	2,391	2,350	1,650	2,208	1,279	8,250	2,413	2,520	31,609
2010 Average	1,540	1,909	486	246	4,080	2,399	2,300	1,650	2,408	1,459	8,900	2,415	2,410	32,500
2011 Average	1,540	1,756	500	241	4,054	2,626	2,530	465	2,474	1,571	9,458	2,679	2,500	32,672
2012 Average	1,532	1,787	504	230	3,387	2,983	2,635	1,367	2,457	1,551	9,832	2,804	2,500	33,859
2013 Average	1,462	1,803	526	220	3,113	3,054	2,650	918	2,307	1,553	9,693	2,820	2,500	32,990
2014 Average	1,420	1,742	556	220	3,239	3,368	2,642	471	2,347	1,540	9,735	2,894	2,500	32,935
2015 Average	1,429	1,802	543	213	3,300	4,054	2,804	404	2,171	1,532	10,168	3,019	2,500	34,190
2016 January	1,350	1,798	534	210	3,550	4,475	2,950	370	2,159	1,497	10,240	3,105	2,400	34,865
February	1,350	1,793	540	210	3,700	4,225	2,910	360	2,120	1,517	10,240	2,885	2,400	34,477
March	1,350	1,798	552	210	4,000	4,225	2,930	320	1,993	1,537	10,240	2,910	2,400	34,692
April	1,350	1,793	555	210	4,090	4,475	2,700	330	2,010	1,537	10,240	2,920	2,400	34,837
May	1,350	1,818	556	210	4,120	4,355	2,910	285	1,673	1,537	10,340	3,100	2,300	34,781
June	1,330	1,823	550	210	4,130	4,405	2,910	330	1,811	1,537	10,540	3,135	2,280	35,218
July	1,350	1,829	545	210	4,150	4,415	2,950	310	1,764	1,537	10,670	3,156	2,220	35,333
August	1,350	1,833	549	210	4,170	4,460	2,960	250	1,694	1,537	10,640	3,186	2,210	35,276
September	1,350	1,768	560	210	4,190	4,480	2,960	310	1,726	1,477	10,600	3,216	2,200	35,274
October	1,350	1,618	552	200	4,200	4,565	2,960	550	1,854	1,507	10,590	3,196	2,190	35,559
November	1,350	1,698	544	220	4,220	4,645	2,970	580	1,984	1,527	10,640	3,226	2,180	36,011
December	1,350	1,668	544	220	4,280	4,685	2,970	620	1,684	1,527	10,540	3,226	2,150	35,691
Average	1,348	1,770	548	211	4,068	4,452	2,924	385	1,871	1,523	10,461	3,106	2,277	35,170
2017 January	1,340	1,658	536	200	4,300	4,565	2,830	680	1,849	1,487	10,020	3,067	2,100	34,834
February	1,340	1,688	535	185	4,300	4,445	2,770	690	1,869	1,467	10,040	3,047	2,090	34,668
March	1,316	1,630	531	190	4,544	4,431	2,763	590	1,730	1,507	9,992	3,028	2,090	34,544
April	1,306	1,700	528	210	4,544	4,426	2,763	535	1,780	1,512	10,022	3,008	2,080	34,600
May	1,306	1,660	533	200	4,554	4,476	2,763	780	1,900	1,517	10,093	3,028	2,080	35,076
June	1,306	1,690	540	200	4,574	4,491	2,774	850	1,945	1,522	10,293	3,048	2,030	35,449
July	1,306	1,670	541	210	4,482	4,501	2,764	1,005	2,022	1,527	10,243	3,048	2,030	35,535
August	1,306	1,690	536	200	4,462	4,527	2,765	890	2,070	1,532	10,183	3,049	2,025	35,416
September	1,306	1,670	529	200	4,374	4,567	2,785	925	2,095	1,537	10,233	3,049	2,010	35,461
October	1,256	1,695	526	200	4,399	4,417	2,795	960	2,080	1,532	10,204	3,039	1,960	35,249
November	1,276	1,600	521	190	4,404	4,347	2,765	980	2,120	1,537	10,174	3,009	1,890	34,994
December	1,306	1,640	520	200	4,409	4,407	2,756	920	2,145	1,552	10,105	3,029	1,710	34,880
Average	1,306	1,666	531	199	4,446	4,467	2,774	818	1,968	1,519	10,134	3,037	2,007	35,061
2018 January	1,282	1,632	513	200	4,474	4,457	2,767	1,015	2,140	1,557	10,205	3,040	1,675	35,133
February	1,272	1,622	513	200	4,469	4,497	2,767	990	2,110	1,562	10,145	3,000	1,660	34,983
March	1,232	1,592	511	200	4,449	4,507	2,777	985	2,080	1,577	10,095	2,980	1,580	34,741
3-Month Average	1,262	1,615	512	200	4,464	4,487	2,770	997	2,110	1,565	10,148	3,007	1,638	34,951
2017 3-Month Average	1,332	1,658	534	192	4,384	4,482	2,788	652	1,814	1,488	10,017	3,047	2,093	34,682
2016 3-Month Average	1,350	1,796	542	210	3,751	4,310	2,930	350	2,090	1,517	10,240	2,968	2,400	34,682

<sup>a</sup> Except for the period from August 1990 through May 1991, includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. As of July 2015 all Neutral Zone production is offline. Data for Saudi Arabia include approximately 150 thousand barrels per day from the Abu Safah field produced on behalf of Bahrain.

<sup>b</sup> See "Organization of the Petroleum Exporting Countries (OPEC)" in Glossary. On Tables 11.1a and 11.1b, countries are classified as "OPEC" or "Non-OPEC" in all years based on their status in the most current year. For example, Equatorial

Guinea joined OPEC in May 2017 and is thus included in "Total OPEC" for all years.

Notes: • Data are for crude oil and lease condensate; they exclude natural gas plant liquids. • Monthly data are often preliminary figures and may not average to the annual totals because of rounding or because updates to the preliminary monthly data are not available.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#international> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

Sources: See end of section.

**Table 11.1b World Crude Oil Production: Persian Gulf Nations, Non-OPEC, and World**  
(Thousand Barrels per Day)

	Persian Gulf Nations <sup>b</sup>	Selected Non-OPEC <sup>a</sup> Producers								Total Non-OPEC <sup>a</sup>	World	
		Canada	China	Egypt	Mexico	Norway	Former U.S.S.R.	Russia	United Kingdom			United States
1973 Average	20,668	1,798	1,090	165	465	32	8,324	NA	2	9,208	25,868	55,679
1975 Average	18,934	1,430	1,490	235	705	189	9,523	NA	12	8,375	26,816	52,828
1980 Average	17,961	1,435	2,114	595	1,936	486	11,706	NA	1,622	8,597	34,000	59,558
1985 Average	9,630	1,471	2,505	887	2,745	773	11,585	NA	2,530	8,971	38,426	53,965
1990 Average	15,278	1,553	2,774	873	2,553	1,630	10,975	NA	1,820	7,355	37,729	60,497
1995 Average	17,208	1,805	2,990	920	2,711	2,766	--	5,995	2,489	6,560	36,564	62,434
1996 Average	17,367	1,837	3,131	922	2,944	3,091	--	5,850	2,568	6,465	37,429	63,818
1997 Average	18,095	1,922	3,200	856	3,104	3,142	--	5,920	2,518	6,452	38,109	65,806
1998 Average	19,337	1,981	3,198	834	3,160	3,011	--	5,854	2,616	6,252	38,250	67,032
1999 Average	18,667	1,907	3,195	852	2,998	3,019	--	6,079	2,684	5,881	38,335	65,967
2000 Average	19,897	1,977	3,249	768	3,104	3,222	--	6,479	2,275	5,822	39,100	68,527
2001 Average	19,114	2,029	3,300	720	3,218	3,226	--	6,917	2,282	5,801	39,551	68,132
2002 Average	17,824	2,171	3,390	715	3,263	3,131	--	7,408	2,292	5,744	40,361	67,290
2003 Average	19,154	2,306	3,409	713	3,459	3,042	--	8,132	2,093	5,649	41,035	69,460
2004 Average	20,906	2,398	3,485	673	3,476	2,954	--	8,805	1,845	5,441	41,559	72,595
2005 Average	21,644	2,369	3,609	623	3,423	2,698	--	9,043	1,649	5,184	41,325	73,851
2006 Average	21,377	2,525	3,673	616	3,345	2,491	--	9,247	1,490	5,086	41,380	73,566
2007 Average	20,904	2,628	3,736	608	3,143	2,270	--	9,437	1,498	5,074	41,302	73,246
2008 Average	22,186	2,579	3,790	633	2,839	2,182	--	9,357	1,391	4,998	40,809	74,117
2009 Average	20,754	2,579	3,796	649	2,646	2,067	--	9,495	1,328	5,349	41,321	72,930
2010 Average	21,589	2,741	4,078	636	2,621	1,871	--	9,694	1,233	5,475	42,142	74,642
2011 Average	22,953	2,901	4,052	637	2,600	1,760	--	9,774	1,026	5,643	42,058	74,730
2012 Average	23,233	3,138	4,074	642	2,593	1,612	--	9,922	888	6,497	42,299	76,157
2013 Average	22,932	3,325	4,164	645	2,562	1,533	--	10,054	801	7,466	43,415	76,305
2014 Average	23,469	3,613	4,208	645	2,469	1,562	--	10,107	787	8,753	45,264	78,199
2015 Average	24,928	3,677	4,278	652	2,302	1,610	--	10,253	893	9,408	46,381	80,571
2016 January	25,866	3,877	4,166	632	2,294	1,657	--	10,485	1,003	9,186	46,602	81,467
February	25,526	3,797	4,133	623	2,247	1,675	--	10,485	1,014	9,107	46,228	80,705
March	25,891	3,767	4,091	623	2,249	1,632	--	10,522	987	9,134	45,985	80,677
April	26,011	3,429	4,036	626	2,210	1,666	--	10,450	989	8,906	45,049	79,886
May	26,411	2,811	3,973	625	2,207	1,608	--	10,440	991	8,859	44,340	79,121
June	26,706	3,112	4,034	621	2,213	1,480	--	10,453	897	8,703	44,614	79,832
July	26,927	3,657	3,938	620	2,192	1,762	--	10,254	980	8,682	45,165	80,498
August	27,002	3,855	3,874	614	2,179	1,603	--	10,316	841	8,716	44,701	79,977
September	26,972	3,849	3,887	609	2,146	1,430	--	10,729	826	8,553	45,071	80,345
October	27,067	3,893	3,780	608	2,135	1,766	--	10,826	760	8,791	45,822	81,381
November	27,277	4,135	3,915	598	2,105	1,785	--	10,832	948	8,876	46,400	82,411
December	27,277	3,968	3,949	590	2,067	1,706	--	10,830	961	8,771	46,136	81,827
Average	26,582	3,679	3,981	616	2,187	1,648	--	10,551	933	8,857	45,508	80,678
2017 January	26,314	4,097	3,855	589	2,054	1,653	--	10,733	970	E 8,828	46,044	80,878
February	26,114	4,137	3,929	583	2,051	1,693	--	10,713	945	E 9,058	46,376	81,044
March	26,310	3,927	3,903	573	2,053	1,745	--	10,654	943	E 9,140	46,000	80,544
April	26,320	3,577	3,891	582	2,046	1,738	--	10,603	915	E 9,132	45,450	80,050
May	26,476	3,690	3,829	588	2,053	1,636	--	10,543	930	E 9,177	45,458	80,534
June	26,747	4,069	3,944	590	2,042	1,576	--	10,543	937	E 9,089	45,899	81,348
July	26,610	3,970	3,827	587	2,020	1,653	--	10,546	912	E 9,241	45,909	81,444
August	26,563	4,154	3,758	594	1,962	1,584	--	10,507	831	E 9,242	45,558	80,974
September	26,590	3,940	3,779	602	1,761	1,473	--	10,503	885	E 9,528	45,576	81,037
October	26,431	R 3,902	3,770	597	1,933	1,576	--	10,530	944	E 9,687	R 46,029	R 81,278
November	26,281	4,230	3,820	588	1,896	1,520	--	10,543	979	E 10,099	46,843	81,837
December	26,303	4,287	3,763	588	1,903	1,567	--	10,553	741	E 10,024	46,574	81,454
Average	26,423	R 3,998	3,838	588	1,981	1,618	--	10,580	911	E 9,355	R 45,974	R 81,035
2018 January	26,540	R 4,132	3,729	560	1,953	1,652	--	10,550	1,027	RE 9,995	R 46,664	R 81,797
February	26,480	3,981	3,789	560	1,919	1,596	--	10,552	R 954	RE 10,259	R 46,699	R 81,682
March	26,425	3,980	3,758	560	1,888	1,549	--	10,556	955	E 10,474	46,636	81,377
3-Month Average	26,482	4,033	3,758	560	1,920	1,599	--	10,553	979	E 10,242	46,665	81,617
2017 3-Month Average	26,250	4,051	3,895	582	2,053	1,697	--	10,700	953	E 9,007	46,132	80,815
2016 3-Month Average	25,766	3,814	4,130	626	2,264	1,654	--	10,498	1,001	9,143	46,272	80,955

<sup>a</sup> See "Organization of the Petroleum Exporting Countries (OPEC)" in Glossary. On Tables 11.1a and 11.1b, countries are classified as "OPEC" or "Non-OPEC" in all years based on their status in the most current year. For example, Equatorial Guinea joined OPEC in May 2017 and is thus included in "Total OPEC" for all years.

<sup>b</sup> Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, United Arab Emirates, and the Neutral Zone (between Kuwait and Saudi Arabia).

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

Notes: • Data are for crude oil and lease condensate; they exclude natural gas

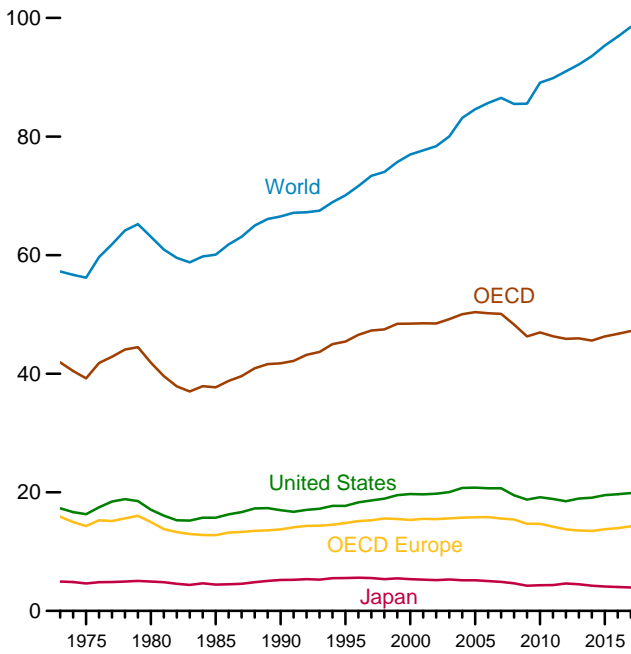
plant liquids. • Monthly data are often preliminary figures and may not average to the annual totals because of rounding or because updates to the preliminary monthly data are not available. • Data for countries may not sum to World totals due to independent rounding. • U.S. geographic coverage is the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

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#international> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

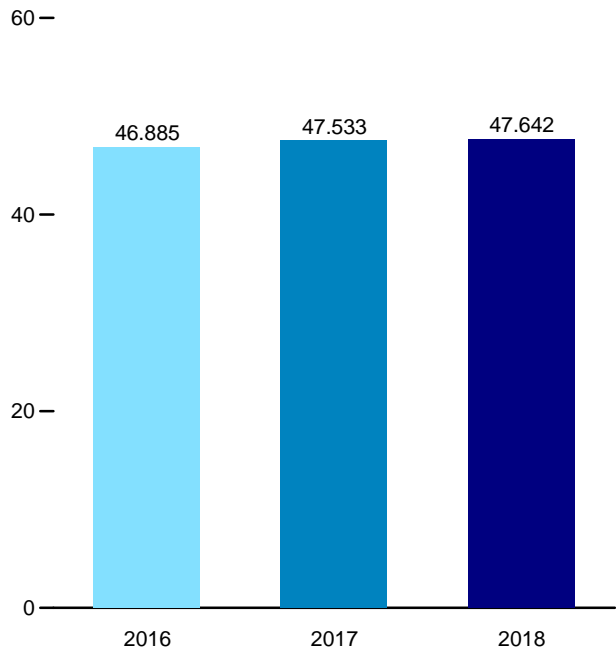
Sources: See end of section.

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

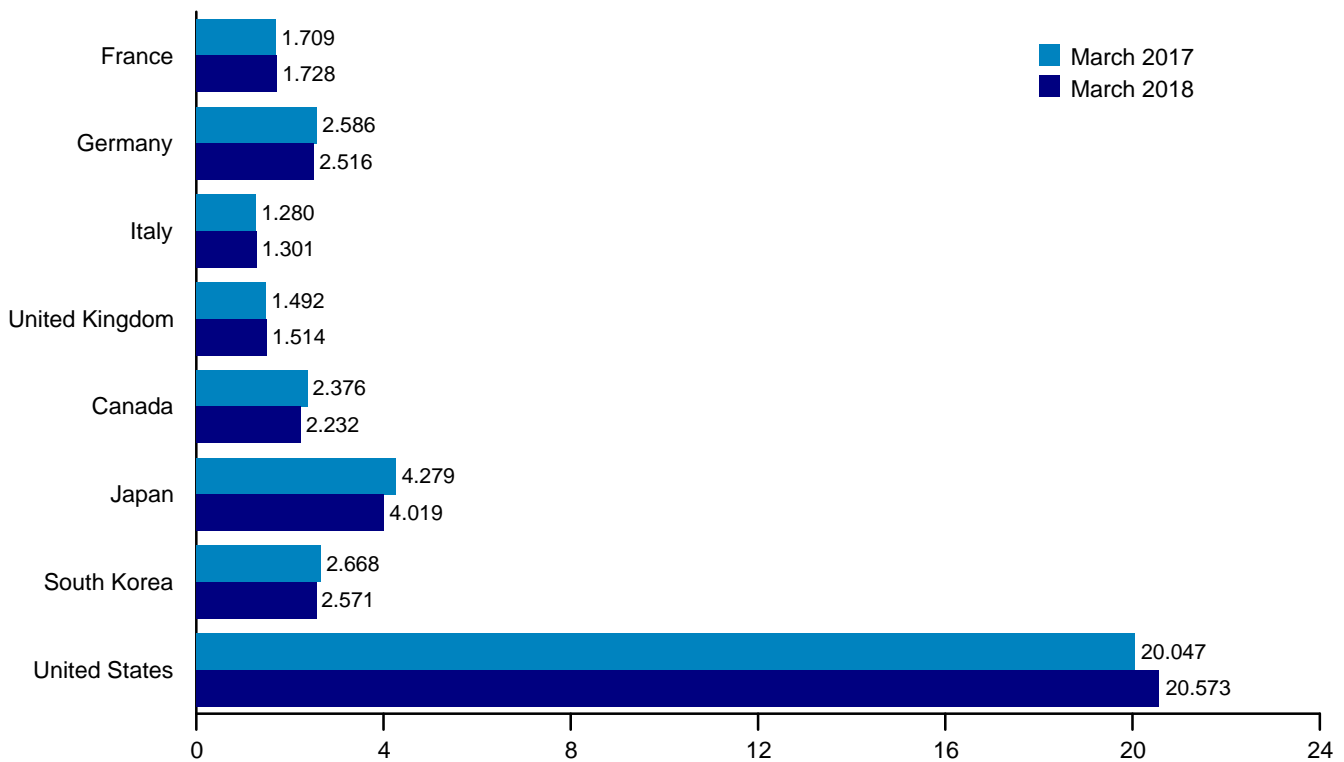
Overview, 1973–2017



OECD Total, March



By Selected OECD Countries



Note: OECD is the Organization for Economic Cooperation and Development.

Web Page: <http://www.eia.gov/totalenergy/data/monthly/#international>.  
Source: Table 11.2.

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

	France	Germany <sup>a</sup>	Italy	United Kingdom	OECD Europe <sup>b</sup>	Canada	Japan	South Korea	United States	Other OECD <sup>c</sup>	OECD <sup>d</sup>	World
1973 Average	2,601	3,324	2,068	2,341	15,879	1,729	4,949	281	17,308	1,768	41,913	57,237
1975 Average	2,252	2,957	1,855	1,911	14,314	1,779	4,621	311	16,322	1,885	39,232	56,198
1980 Average	2,256	3,082	1,934	1,725	14,995	1,873	4,960	537	17,056	2,449	41,870	63,113
1985 Average	1,753	2,651	1,705	1,617	12,769	1,514	4,436	552	15,726	2,699	37,696	60,082
1990 Average	1,827	2,682	1,868	1,776	13,759	1,722	5,217	1,048	16,988	3,030	41,764	66,539
1995 Average	1,915	2,882	1,942	1,816	14,835	1,799	5,546	2,008	17,725	3,517	45,430	70,077
1996 Average	1,943	2,922	1,920	1,852	15,148	1,853	5,591	2,101	18,309	3,554	46,556	71,654
1997 Average	1,962	2,917	1,934	1,810	15,291	1,940	5,549	2,255	18,620	3,640	47,296	73,378
1998 Average	2,040	2,923	1,943	1,792	15,591	1,931	5,348	1,917	18,917	3,774	47,478	74,028
1999 Average	2,034	2,836	1,891	1,811	15,500	2,016	5,486	2,084	19,519	3,808	48,414	75,700
2000 Average	2,001	2,767	1,854	1,765	15,349	2,008	5,357	2,135	19,701	3,899	48,449	76,982
2001 Average	2,054	2,807	1,835	1,747	15,529	2,029	5,265	2,132	19,649	3,905	48,508	77,670
2002 Average	1,991	2,710	1,870	1,739	15,488	2,040	5,187	2,149	19,761	3,857	48,482	78,361
2003 Average	2,001	2,679	1,860	1,759	15,612	2,155	5,298	2,175	20,034	3,930	49,203	80,015
2004 Average	2,008	2,648	1,829	1,789	15,714	2,233	5,163	2,155	20,731	4,035	50,032	83,156
2005 Average	1,990	2,624	1,781	1,819	15,792	2,338	5,164	2,191	20,802	4,101	50,389	84,597
2006 Average	1,991	2,636	1,777	1,805	15,838	2,346	5,032	2,180	20,687	4,116	50,199	85,661
2007 Average	1,978	2,407	1,729	1,751	15,570	2,434	4,899	2,240	20,680	4,259	50,083	86,512
2008 Average	1,940	2,533	1,667	1,729	15,427	2,344	4,664	2,142	19,498	4,200	48,274	85,484
2009 Average	1,863	2,434	1,544	1,649	14,704	2,283	4,257	2,188	18,771	4,082	46,287	85,540
2010 Average	1,821	2,467	1,544	1,626	14,685	2,382	4,328	2,269	19,180	4,114	46,957	89,096
2011 Average	1,779	2,392	1,494	1,582	14,208	2,429	4,345	2,259	18,887	4,181	46,308	89,833
2012 Average	1,739	2,389	1,370	1,535	13,737	2,480	4,630	2,322	18,487	4,227	45,883	91,013
2013 Average	1,714	2,435	1,260	1,508	13,549	2,457	4,504	2,328	18,967	4,148	45,953	92,170
2014 Average	1,691	2,374	1,266	1,509	13,474	2,375	4,248	2,348	19,100	4,040	45,585	93,563
2015 Average	1,692	2,368	1,274	1,547	13,766	2,372	4,120	2,473	19,534	4,013	46,278	95,335
<b>2016</b> January	1,569	2,300	1,108	1,492	12,878	2,371	4,345	2,695	19,063	3,989	45,340	NA
February	1,682	2,468	1,243	1,641	13,851	2,328	4,629	2,752	19,847	4,160	47,566	NA
March	1,718	2,475	1,251	1,538	13,903	2,304	4,356	2,533	19,728	4,061	46,885	NA
April	1,663	2,478	1,281	1,611	13,985	2,258	3,973	2,519	19,340	3,985	46,060	NA
May	1,661	2,285	1,246	1,549	13,599	2,304	3,579	2,574	19,328	3,910	45,295	NA
June	1,580	2,313	1,302	1,654	14,016	2,389	3,561	2,544	19,846	4,039	46,396	NA
July	1,681	2,398	1,305	1,551	14,028	2,401	3,779	2,472	19,776	4,004	46,459	NA
August	1,702	2,451	1,250	1,608	14,555	2,532	3,860	2,684	20,275	4,083	47,989	NA
September	1,738	2,426	1,319	1,646	14,520	2,455	3,723	2,642	19,757	4,018	47,115	NA
October	1,667	2,457	1,236	1,594	14,261	2,347	3,777	2,532	19,650	3,911	46,477	NA
November	1,565	2,502	1,206	1,596	14,059	2,386	4,158	2,780	19,659	4,072	47,112	NA
December	1,659	2,373	1,287	1,564	14,041	2,467	4,596	2,843	19,984	4,140	48,070	NA
<b>Average</b>	<b>1,657</b>	<b>2,410</b>	<b>1,253</b>	<b>1,586</b>	<b>13,973</b>	<b>2,379</b>	<b>4,026</b>	<b>2,630</b>	<b>19,687</b>	<b>4,030</b>	<b>46,726</b>	<b>96,848</b>
<b>2017</b> January	1,738	2,351	1,178	1,445	13,463	2,350	4,176	2,665	19,244	3,754	45,653	NA
February	1,706	2,431	1,234	1,652	13,855	2,325	4,565	2,739	19,159	4,034	46,677	NA
March	1,709	2,586	1,280	1,492	14,074	2,376	4,279	2,668	20,047	4,089	47,533	NA
April	1,625	2,447	1,196	1,629	13,808	2,159	3,841	2,522	19,556	4,035	45,922	NA
May	1,670	2,501	1,279	1,514	14,180	2,413	3,553	2,590	20,039	4,128	46,903	NA
June	1,747	2,504	1,371	1,629	14,679	2,437	3,524	2,563	20,494	4,147	47,843	NA
July	1,729	2,506	1,348	1,587	14,580	2,465	3,636	2,634	20,020	3,987	47,322	NA
August	1,713	2,509	1,278	1,584	14,508	2,561	3,747	2,616	20,161	4,117	47,709	NA
September	1,848	2,484	1,330	1,644	14,935	2,475	3,679	2,682	19,581	4,061	47,413	NA
October	1,624	2,425	1,340	1,564	14,462	2,482	3,649	2,633	19,806	3,900	46,931	NA
November	1,677	2,564	1,287	1,626	14,529	2,563	4,148	2,751	20,278	4,068	48,337	NA
December	1,693	2,318	1,266	1,598	14,140	2,452	4,550	2,790	20,082	4,058	48,072	NA
<b>Average</b>	<b>1,706</b>	<b>2,469</b>	<b>1,283</b>	<b>1,579</b>	<b>14,269</b>	<b>2,422</b>	<b>3,942</b>	<b>2,654</b>	<b>19,877</b>	<b>4,031</b>	<b>47,195</b>	<b>98,492</b>
<b>2018</b> January	1,591	2,222	1,208	1,436	13,314	2,338	4,310	2,773	20,461	4,013	47,209	NA
February	1,785	2,494	1,307	1,703	14,560	2,329	4,614	2,762	19,619	R 4,135	R 48,019	NA
March	1,728	2,516	1,301	1,514	14,199	2,232	4,019	2,571	20,573	4,048	47,642	NA
<b>3-Month Average</b>	<b>1,699</b>	<b>2,408</b>	<b>1,271</b>	<b>1,546</b>	<b>14,007</b>	<b>2,299</b>	<b>4,304</b>	<b>2,700</b>	<b>20,238</b>	<b>4,063</b>	<b>47,610</b>	<b>NA</b>
<b>2017 3-Month Average</b>	<b>1,718</b>	<b>2,457</b>	<b>1,231</b>	<b>1,525</b>	<b>13,795</b>	<b>2,351</b>	<b>4,333</b>	<b>2,689</b>	<b>19,494</b>	<b>3,957</b>	<b>46,619</b>	<b>NA</b>
<b>2016 3-Month Average</b>	<b>1,656</b>	<b>2,413</b>	<b>1,200</b>	<b>1,555</b>	<b>13,537</b>	<b>2,334</b>	<b>4,439</b>	<b>2,658</b>	<b>19,539</b>	<b>4,068</b>	<b>46,576</b>	<b>NA</b>

<sup>a</sup> Data are for unified Germany, i.e., the former East Germany and West Germany.

<sup>b</sup> "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom; for 1984 forward, Czech Republic, Hungary, Poland, and Slovakia; and, for 2000 forward, Slovenia.

<sup>c</sup> "Other OECD" consists of Australia, New Zealand, and the U.S. Territories; for 1984 forward, Mexico; for 2000 forward, Chile, Estonia, and Israel; and, for 2016 forward, Latvia.

<sup>d</sup> The Organization for Economic Cooperation and Development (OECD) consists of "OECD Europe," Canada, Japan, South Korea, the United States, and "Other OECD."

R=Revised. NA=Not available.

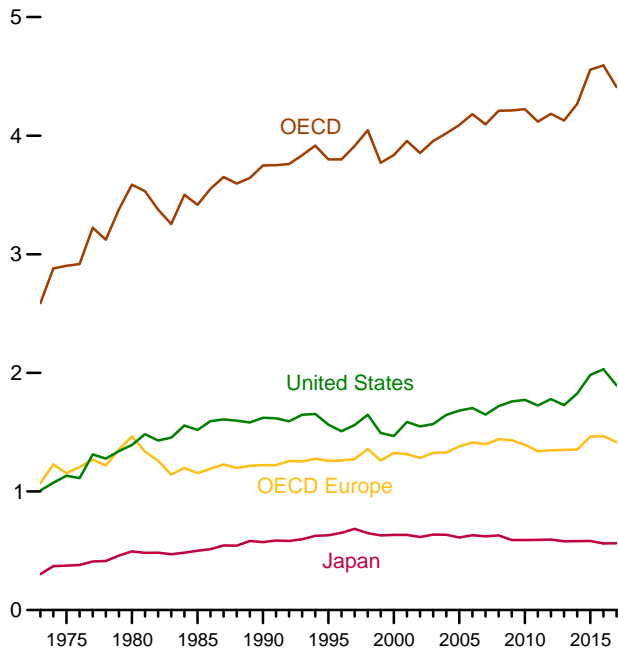
Notes: • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#international> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

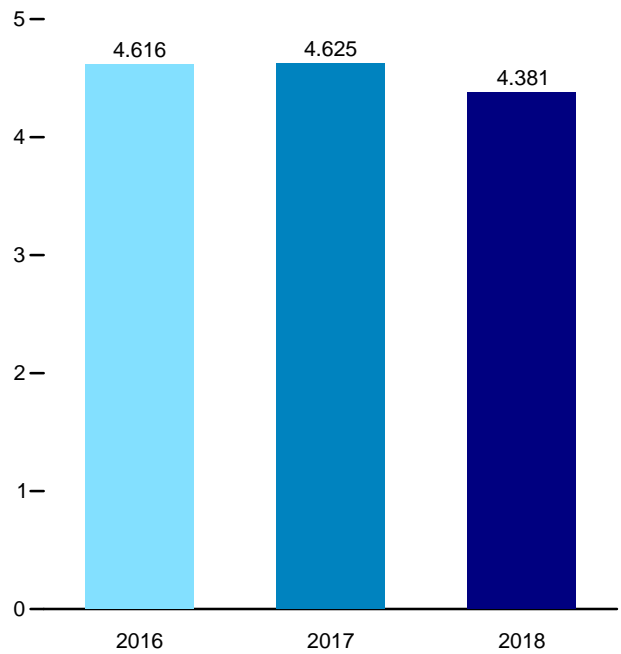
Sources: • **United States:** Table 3.1. • **Chile, East Germany, Former Czechoslovakia, Hungary, Mexico, Poland, South Korea, Non-OECD Countries, U.S. Territories, and World: 1973-1979**—U.S. Energy Information Administration (EIA), International Energy Database. • **Countries Other Than United States: 1980-2008**—EIA, International Energy Statistics (IES). • **OECD Countries, and U.S. Territories: 2009 forward**—EIA, IES. • **World: 2009 forward**—EIA, International Energy Statistics Database. • **All Other Data:**—International Energy Agency (IEA), *Quarterly Oil Statistics and Energy Balances in OECD Countries*, various issues.

**Figure 11.3 Petroleum Stocks in OECD Countries**  
(Billion Barrels)

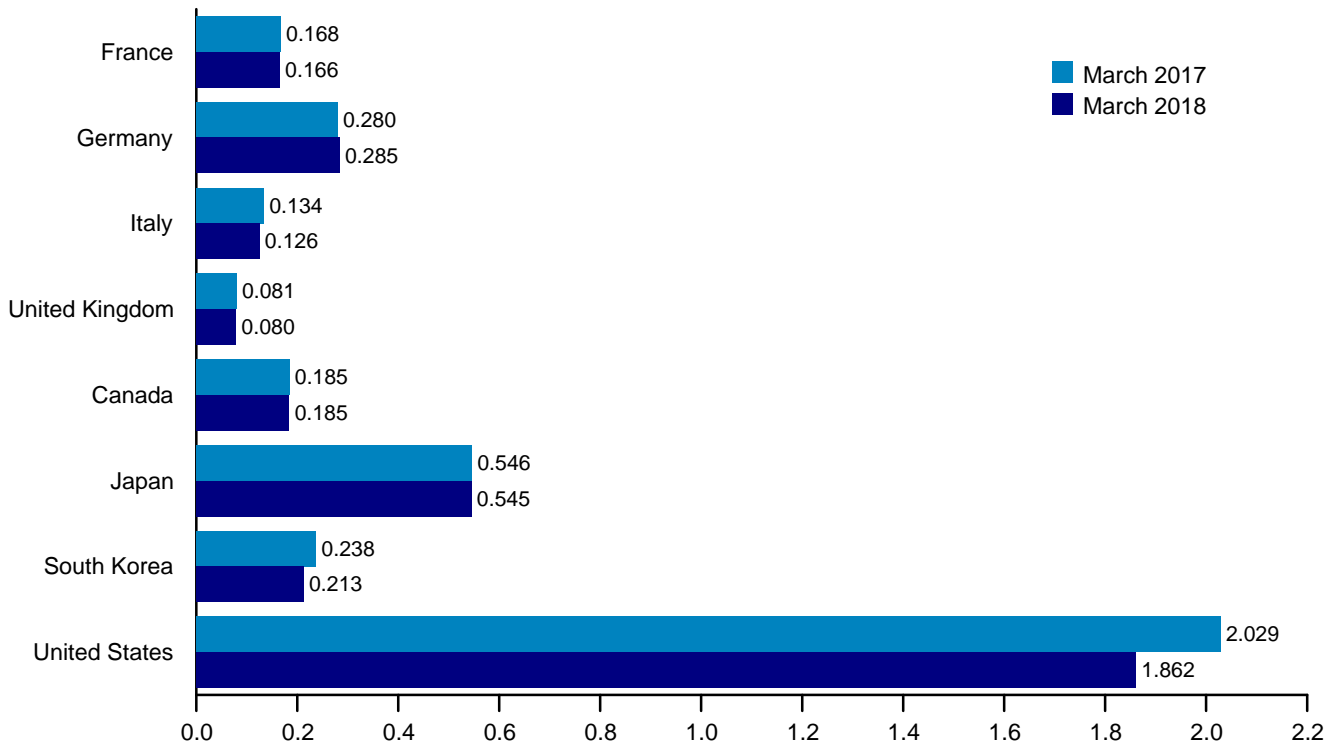
Overview, End of Year, 1973–2017



OECD Stocks, End of Month, March



Selected OECD Countries, End of Month



Note: OECD is the Organization for Economic Cooperation and Development.  
Web Page: <http://www.eia.gov/totalenergy/data/monthly/#international>.  
Source: Table 11.3.



**Table 11.3 Petroleum Stocks in OECD Countries**  
(Million Barrels)

	France	Germany <sup>a</sup>	Italy	United Kingdom	OECD Europe <sup>b</sup>	Canada	Japan	South Korea	United States	Other OECD <sup>c</sup>	OECD <sup>d</sup>
1973 Year .....	201	181	152	156	1,070	140	303	NA	1,008	67	2,588
1975 Year .....	225	187	143	165	1,154	174	375	NA	1,133	67	2,903
1980 Year .....	243	319	170	168	1,464	164	495	NA	1,392	72	3,587
1985 Year .....	139	277	156	131	1,154	112	500	13	1,519	119	3,417
1990 Year .....	143	280	171	103	1,222	143	572	64	1,621	126	3,749
1995 Year .....	155	302	162	101	1,257	132	631	92	1,563	125	3,799
1996 Year .....	154	303	152	103	1,261	127	651	123	1,507	131	3,800
1997 Year .....	161	299	147	100	1,274	144	685	124	1,560	126	3,913
1998 Year .....	169	323	153	104	1,358	139	649	129	1,647	123	4,045
1999 Year .....	160	290	148	101	1,261	141	629	132	1,493	115	3,771
2000 Year .....	170	272	157	100	1,324	143	634	140	1,468	127	3,836
2001 Year .....	165	273	151	113	1,315	154	634	143	1,586	122	3,954
2002 Year .....	170	253	156	104	1,282	155	615	140	1,548	113	3,854
2003 Year .....	179	273	153	100	1,325	165	636	155	1,568	106	3,956
2004 Year .....	177	267	154	101	1,328	154	635	149	1,645	109	4,020
2005 Year .....	185	283	151	95	1,380	168	612	135	1,682	114	4,090
2006 Year .....	182	283	153	103	1,413	169	631	152	1,703	115	4,182
2007 Year .....	180	275	152	92	1,398	163	621	143	1,648	123	4,096
2008 Year .....	179	279	148	93	1,441	162	629	135	1,719	125	4,211
2009 Year .....	175	284	146	89	1,432	157	591	155	1,758	119	4,213
2010 Year .....	168	287	143	83	1,393	184	590	165	1,772	120	4,224
2011 Year .....	165	281	135	80	1,338	178	592	167	1,725	119	4,119
2012 Year .....	162	288	126	80	1,347	174	594	181	1,779	109	4,184
2013 Year .....	167	290	125	78	1,350	170	580	185	1,728	116	4,127
2014 Year .....	168	284	119	78	1,354	193	581	197	1,825	118	4,268
2015 Year .....	168	285	117	81	1,462	188	582	228	1,982	114	4,566
<b>2016</b> January .....	171	287	120	83	1,502	187	580	219	2,014	117	4,618
February .....	169	289	123	81	1,512	183	564	233	2,018	114	4,623
March .....	166	289	120	77	1,497	184	560	236	2,024	115	4,616
April .....	171	286	126	77	1,496	180	566	230	2,035	117	4,624
May .....	167	289	123	81	1,503	169	574	235	2,051	119	4,649
June .....	167	288	121	82	1,494	175	573	238	2,049	123	4,653
July .....	169	290	125	75	1,516	186	577	238	2,066	125	4,707
August .....	167	287	130	80	1,501	186	585	233	2,066	121	4,692
September .....	167	285	127	78	1,483	185	587	239	2,051	120	4,665
October .....	163	287	128	77	1,467	190	587	238	2,053	119	4,653
November .....	166	283	126	80	1,472	190	573	238	2,056	112	4,641
December .....	162	285	124	82	1,466	183	562	230	2,030	120	4,592
<b>2017</b> January .....	166	285	129	82	1,505	185	562	238	2,049	124	4,663
February .....	166	285	131	82	1,508	187	556	236	2,046	123	4,656
March .....	168	280	134	81	1,501	185	546	238	2,029	126	4,625
April .....	165	283	131	84	1,507	181	558	240	2,029	127	4,644
May .....	167	280	132	81	1,485	180	572	238	2,034	131	4,639
June .....	165	277	134	81	1,477	183	566	236	2,009	127	4,598
July .....	170	279	131	80	1,477	188	577	240	1,998	122	4,602
August .....	170	278	131	80	1,465	186	582	240	1,986	120	4,579
September .....	165	274	128	78	1,440	186	571	244	1,978	118	4,537
October .....	165	273	125	79	1,419	184	575	241	1,943	121	4,485
November .....	164	271	125	82	1,424	185	574	235	1,923	115	4,456
December .....	166	279	125	80	1,417	189	563	231	1,895	115	4,409
<b>2018</b> January .....	167	283	126	83	1,458	186	560	225	1,879	120	4,429
February .....	165	278	126	80	1,449	185	545	230	1,876	<sup>R</sup> 120	<sup>R</sup> 4,405
March .....	166	285	126	80	1,455	185	545	213	1,862	121	4,381

<sup>a</sup> Through December 1983, the data for Germany are for the former West Germany only. Beginning with January 1984, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

<sup>b</sup> "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom; for 1984 forward, Czech Republic, Hungary, Poland, and Slovakia; and, for 2000 forward, Slovenia.

<sup>c</sup> "Other OECD" consists of Australia, New Zealand, and the U.S. Territories; for 1984 forward, Mexico; for 2000 forward, Chile, Estonia, and Israel; and, for 2016 forward, Latvia.

<sup>d</sup> The Organization for Economic Cooperation and Development (OECD) consists of "OECD Europe," Canada, Japan, South Korea, the United States, and "Other OECD."

R=Revised. NA=Not available.

Notes: • Stocks are at end of period. • Petroleum stocks include crude

oil (including strategic reserves), unfinished oils, natural gas liquids, and refined products. • In the United States in January 1975, 1981, and 1983, numerous respondents were added to bulk terminal and pipeline surveys, thereby affecting subsequent stocks reported. New-basis end-of-year U.S. stocks, in million barrels, would have been 1,121 in 1974, 1,425 in 1980, and 1,461 in 1982. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#international> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

Sources: • **United States:** Table 3.4. • **U.S. Territories: 1983 forward**—U.S. Energy Information Administration, International Energy Database. • **All Other Data: 1973–1982**—International Energy Agency (IEA), *Quarterly Oil Statistics and Energy Balances*, various issues. **1983**—IEA, Monthly Oil and Gas Statistics Database. **1984 forward**—IEA, Monthly Oil Data Service, June 13, 2018.

# International Petroleum

## Tables 11.1a and 11.1b Sources

### United States

Table 3.1.

### All Other Countries and World, Annual Data

1973–1979: U.S. Energy Information Administration (EIA), *International Energy Annual 1981*, Table 8.

1980 forward: EIA, International Energy Statistics Database, June 2018.

### All Other Countries and World, Monthly Data

1973–1980: *Petroleum Intelligence Weekly (PIW)*, *Oil & Gas Journal (OGJ)*, and EIA adjustments.

1981–1993: *PIW*, *OGJ*, and other industry sources.

1994 forward: EIA, International Energy Statistics Database, June 2018.