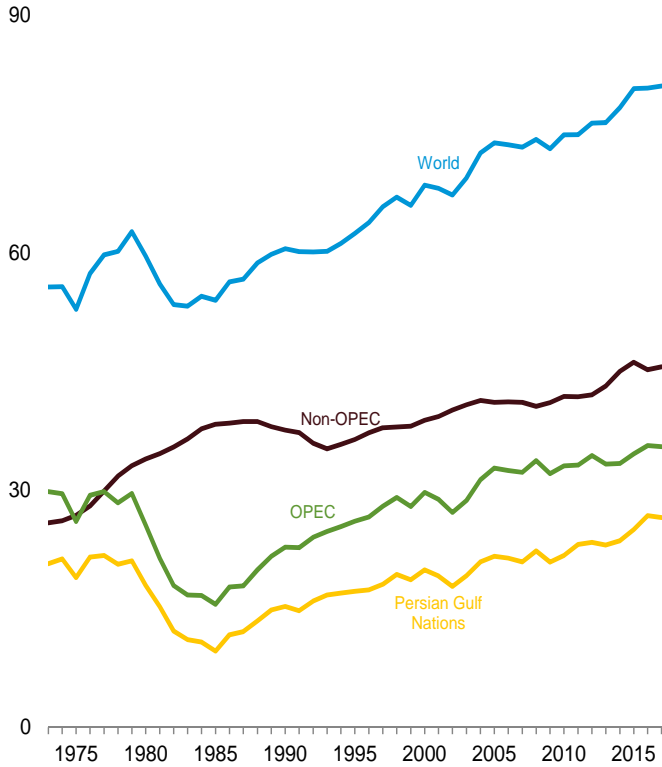


11. International Petroleum

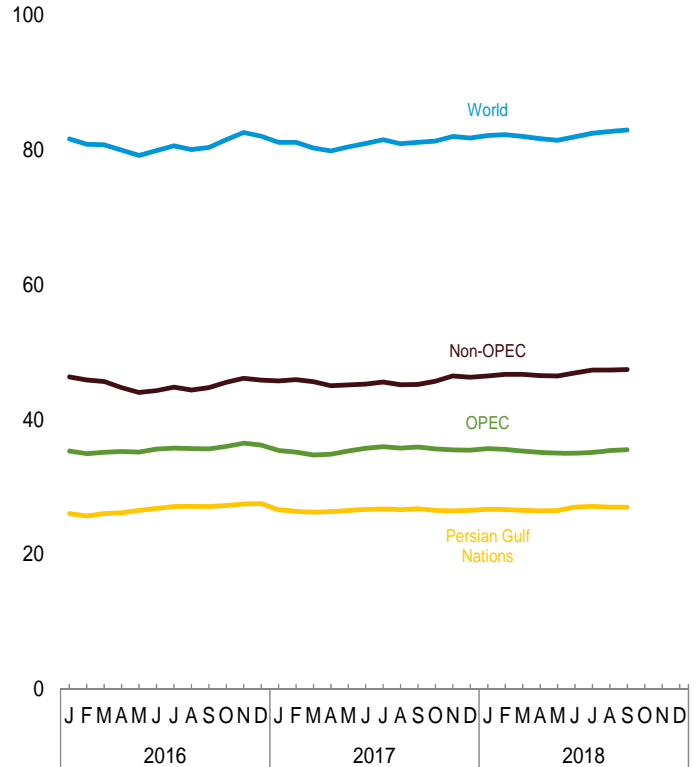
Figure 11.1a World Crude Oil Production Overview

(Million Barrels per Day)

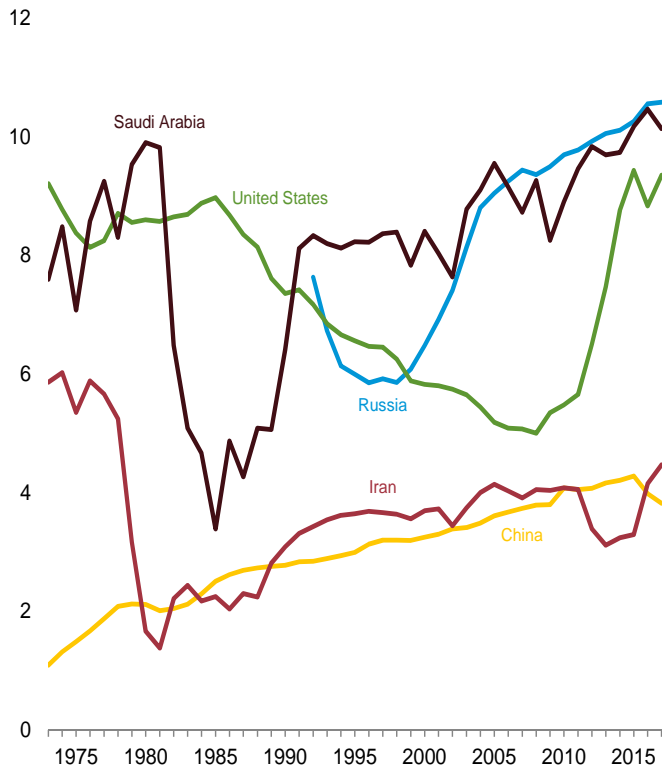
World Production, 1973–2017



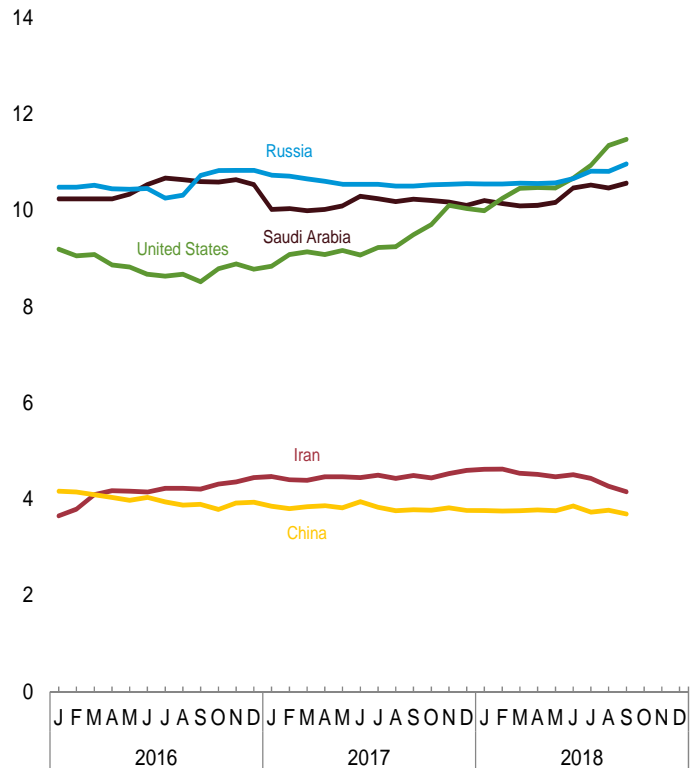
World Production, Monthly



Selected Producers, 1973–2017



Selected Producers, Monthly



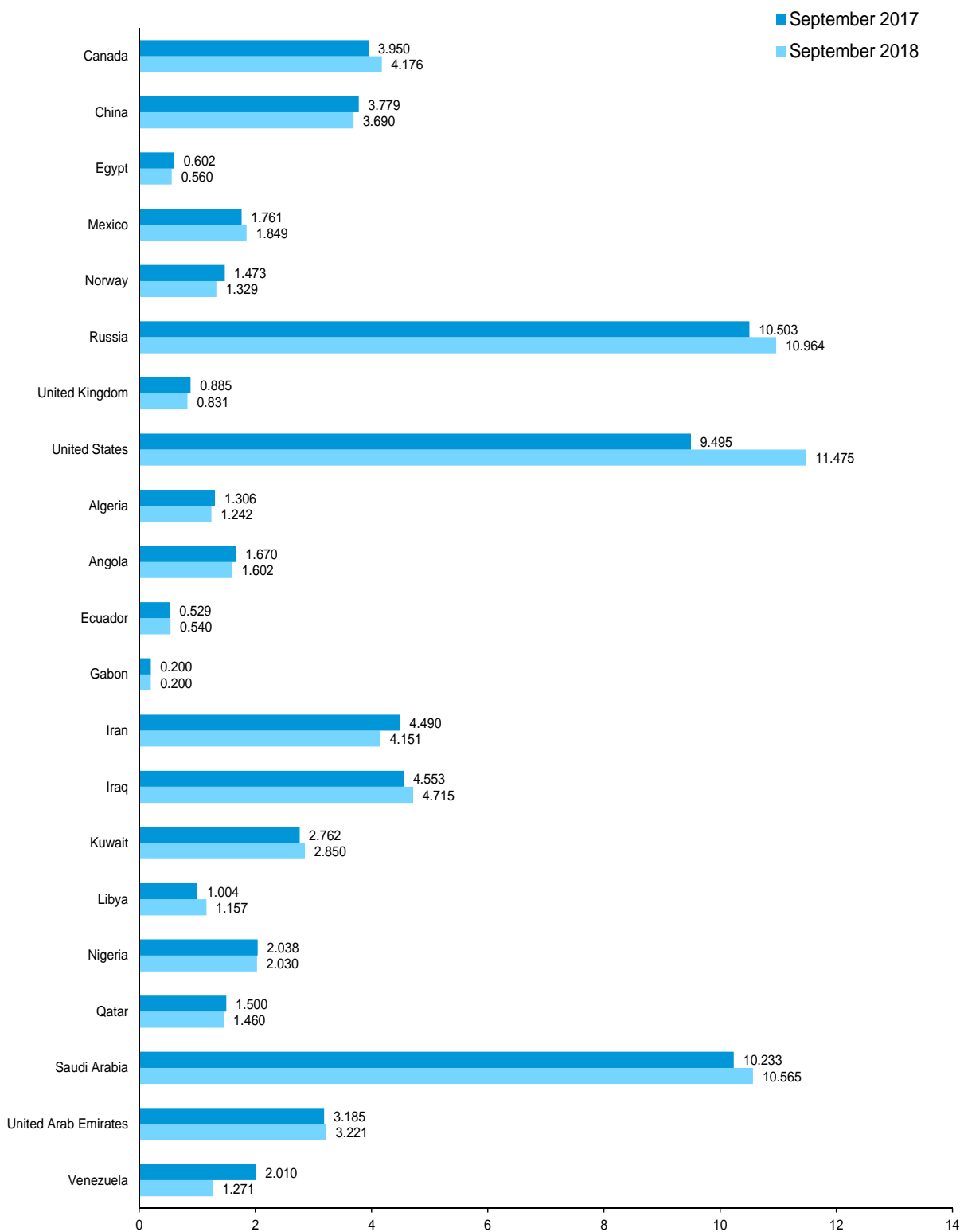
Notes: • OPEC is the Organization of the Petroleum Exporting Countries. • The Persian Gulf Nations are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Neutral Zone between Kuwait

and Saudi Arabia is included in "Persian 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)

Selected Non-OPEC and OPEC Countries



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 ^a	Libya	Nigeria	Qatar	Saudi Arabia ^a	United Arab Emirates	Venezuela	Total OPEC ^b
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	26,058
1996 Average	1,227	709	396	368	3,686	579	2,062	1,401	2,001	510	8,218	2,278	2,938	26,590
1997 Average	1,259	714	388	370	3,664	1,155	2,007	1,446	2,132	550	8,362	2,316	3,280	27,950
1998 Average	1,226	735	375	352	3,634	2,150	2,085	1,390	2,153	696	8,389	2,345	3,167	29,046
1999 Average	1,177	745	373	331	3,557	2,508	1,898	1,319	2,130	665	7,833	2,169	2,826	27,902
2000 Average	1,214	746	395	315	3,696	2,571	2,079	1,410	2,165	742	8,404	2,368	3,155	29,707
2001 Average	1,265	742	412	270	3,724	2,390	1,998	1,367	2,256	730	8,031	2,205	3,010	28,836
2002 Average	1,349	896	393	251	3,444	2,023	1,894	1,319	2,118	709	7,634	2,082	2,604	27,178
2003 Average	1,516	903	411	241	3,743	1,308	2,136	1,421	2,275	807	8,775	2,348	2,335	28,672
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	31,272
2005 Average	1,692	1,239	532	266	4,139	1,878	2,529	1,651	2,627	978	9,550	2,535	2,565	32,773
2006 Average	1,699	1,398	536	237	4,028	1,996	2,535	1,736	2,440	996	9,152	2,636	2,511	32,483
2007 Average	1,708	1,724	511	244	3,912	2,086	2,464	1,787	2,350	1,083	8,722	2,603	2,490	32,236
2008 Average	1,705	1,951	505	248	4,050	2,375	2,586	1,803	2,165	1,173	9,261	2,821	2,510	33,723
2009 Average	1,585	1,877	486	242	4,037	2,391	2,350	1,696	2,208	1,275	8,250	2,560	2,520	32,067
2010 Average	1,540	1,909	486	246	4,080	2,399	2,300	1,710	2,408	1,451	8,900	2,570	2,410	33,048
2011 Average	1,540	1,756	500	241	4,054	2,626	2,530	485	2,474	1,550	9,458	2,849	2,500	33,129
2012 Average	1,532	1,787	504	230	3,387	2,983	2,635	1,432	2,457	1,522	9,832	2,994	2,500	34,344
2013 Average	1,462	1,803	526	220	3,113	3,054	2,650	978	2,307	1,540	9,693	2,938	2,500	33,294
2014 Average	1,420	1,742	556	220	3,239	3,368	2,642	530	2,347	1,537	9,735	3,010	2,500	33,340
2015 Average	1,429	1,802	543	213	3,293	4,045	2,784	484	2,171	1,498	10,168	3,149	2,500	34,568
2016 January	1,350	1,798	534	210	3,652	4,467	2,931	451	2,159	1,470	10,240	3,245	2,400	35,352
February	1,350	1,793	540	210	3,792	4,217	2,891	441	2,120	1,490	10,240	3,025	2,400	34,950
March	1,350	1,798	552	210	4,093	4,217	2,911	401	1,993	1,510	10,240	3,050	2,400	35,150
April	1,350	1,793	555	210	4,173	4,467	2,681	411	2,010	1,510	10,240	3,060	2,400	35,275
May	1,350	1,818	556	210	4,162	4,347	2,891	366	1,673	1,510	10,340	3,240	2,300	35,185
June	1,330	1,823	550	210	4,150	4,397	2,891	411	1,811	1,510	10,540	3,270	2,280	35,603
July	1,350	1,829	545	210	4,224	4,407	2,931	391	1,764	1,510	10,670	3,290	2,220	35,785
August	1,350	1,833	549	210	4,226	4,452	2,941	331	1,694	1,510	10,640	3,320	2,210	35,705
September	1,350	1,768	560	210	4,210	4,472	2,941	391	1,726	1,450	10,600	3,350	2,200	35,643
October	1,350	1,618	552	200	4,312	4,557	2,941	631	1,854	1,480	10,590	3,330	2,190	36,008
November	1,350	1,698	544	220	4,356	4,637	2,951	661	1,984	1,500	10,640	3,360	2,180	36,476
December	1,350	1,668	544	220	4,450	4,677	2,951	701	1,684	1,500	10,540	3,360	2,150	36,219
Average	1,348	1,770	548	211	4,151	4,444	2,905	466	1,871	1,496	10,461	3,243	2,277	35,615
2017 January	1,340	1,658	536	200	4,467	4,553	2,812	759	1,849	1,520	10,020	3,205	2,100	35,411
February	1,340	1,688	535	185	4,405	4,433	2,752	769	1,869	1,500	10,040	3,185	2,090	35,191
March	1,316	1,630	531	190	4,392	4,418	2,742	669	1,730	1,500	9,992	3,165	2,090	34,727
April	1,306	1,700	528	210	4,464	4,413	2,742	614	1,780	1,500	10,022	3,145	2,080	34,861
May	1,306	1,660	533	200	4,464	4,463	2,742	859	1,900	1,500	10,093	3,165	2,080	35,351
June	1,306	1,690	540	200	4,445	4,478	2,752	929	1,945	1,500	10,293	3,185	2,030	35,736
July	1,306	1,670	541	210	4,495	4,488	2,742	1,084	2,022	1,500	10,243	3,185	2,030	35,980
August	1,306	1,690	536	200	4,431	4,513	2,742	969	2,027	1,500	10,183	3,185	2,025	35,758
September	1,306	1,670	529	200	4,490	4,553	2,762	1,004	2,038	1,500	10,233	3,185	2,010	35,934
October	1,256	1,695	526	200	4,439	4,403	2,772	1,039	2,021	1,490	10,204	3,175	1,960	35,665
November	1,276	1,600	521	190	4,532	4,333	2,742	1,059	2,065	1,490	10,174	3,145	1,890	35,508
December	1,306	1,640	520	200	4,596	4,393	2,732	999	2,099	1,500	10,105	3,165	1,710	35,467
Average	1,306	1,666	531	199	4,469	4,454	2,753	897	1,946	1,500	10,134	3,174	2,007	35,468
2018 January	1,282	1,632	513	200	4,617	4,445	2,760	1,092	2,140	1,460	10,205	3,181	1,675	35,700
February	1,272	1,622	513	200	4,624	4,485	2,760	1,067	2,110	1,460	10,145	3,141	1,660	35,568
March	1,232	1,592	511	200	4,538	4,495	2,770	1,062	2,080	1,470	10,095	3,121	1,580	35,293
April	1,232	1,587	517	190	4,515	4,455	2,760	1,082	2,060	1,460	10,105	3,131	1,540	35,180
May	1,262	1,592	516	200	4,462	4,505	2,760	1,067	1,880	1,460	10,165	3,111	1,470	34,991
June	1,282	1,562	517	200	4,508	4,589	2,770	827	1,810	1,470	10,465	3,151	1,405	35,069
July	1,292	1,572	523	180	4,428	4,619	2,850	747	1,860	1,470	10,525	3,181	1,350	35,105
August	1,282	1,582	530	200	4,271	4,690	2,850	1,067	1,930	1,480	10,465	3,221	1,305	35,396
September	1,242	1,602	540	200	4,151	4,715	2,850	1,157	2,030	1,460	10,565	3,221	1,271	35,522
9-Month Average	1,264	1,593	520	197	4,456	4,556	2,793	1,018	1,988	1,466	10,305	3,162	1,472	35,312
2017 9-Month Average	1,314	1,673	534	200	4,451	4,480	2,754	852	1,907	1,502	10,125	3,178	2,059	35,441
2016 9-Month Average	1,348	1,806	549	210	4,077	4,383	2,890	399	1,882	1,497	10,417	3,207	2,312	35,408

^a Except for the period from August 1990 through May 1991, includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone. Kuwait 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.

^b 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 ^b	Selected Non-OPEC ^a Producers									Total Non-OPEC ^a	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	--	2	9,208	25,833	55,679
1975 Average	18,934	1,430	1,490	235	705	189	9,523	--	12	8,375	26,779	52,828
1980 Average	17,961	1,435	2,114	595	1,936	486	11,706	--	1,622	8,597	33,935	59,558
1985 Average	9,630	1,471	2,505	887	2,745	773	11,585	--	2,530	8,971	38,306	53,965
1990 Average	15,278	1,553	2,774	873	2,553	1,630	10,975	--	1,820	7,355	37,564	60,497
1995 Average	17,208	1,805	2,990	920	2,711	2,766	--	5,995	2,489	6,560	36,376	62,434
1996 Average	17,367	1,837	3,131	922	2,944	3,091	--	5,850	2,568	6,465	37,228	63,818
1997 Average	18,095	1,922	3,200	856	3,104	3,142	--	5,920	2,518	6,452	37,856	65,806
1998 Average	19,337	1,981	3,198	834	3,160	3,011	--	5,854	2,616	6,252	37,985	67,032
1999 Average	18,667	1,907	3,195	852	2,998	3,019	--	6,079	2,684	5,881	38,065	65,967
2000 Average	19,897	1,977	3,249	768	3,104	3,222	--	6,479	2,275	5,822	38,820	68,527
2001 Average	19,114	2,029	3,300	720	3,218	3,226	--	6,917	2,282	5,801	39,296	68,132
2002 Average	17,824	2,171	3,390	715	3,263	3,131	--	7,408	2,292	5,744	40,112	67,290
2003 Average	19,154	2,306	3,409	713	3,459	3,042	--	8,132	2,093	5,649	40,788	69,460
2004 Average	20,906	2,398	3,485	673	3,476	2,954	--	8,805	1,845	5,441	41,323	72,595
2005 Average	21,644	2,369	3,609	623	3,423	2,698	--	9,043	1,649	5,184	41,097	73,869
2006 Average	21,377	2,525	3,673	616	3,345	2,491	--	9,247	1,490	5,086	41,138	73,621
2007 Average	20,904	2,628	3,736	608	3,143	2,270	--	9,437	1,498	5,074	41,095	73,331
2008 Average	22,301	2,579	3,790	633	2,839	2,182	--	9,357	1,391	5,000	40,578	74,301
2009 Average	20,898	2,579	3,796	649	2,646	2,067	--	9,495	1,328	5,349	41,054	73,121
2010 Average	21,736	2,741	4,078	636	2,621	1,871	--	9,694	1,233	5,478	41,839	74,887
2011 Average	23,102	2,901	4,052	637	2,600	1,760	--	9,774	1,026	5,654	41,779	74,908
2012 Average	23,394	3,138	4,074	642	2,593	1,612	--	9,922	888	6,502	42,023	76,367
2013 Average	23,037	3,325	4,164	645	2,562	1,533	--	10,054	801	7,467	43,155	76,449
2014 Average	23,582	3,613	4,208	645	2,469	1,562	--	10,107	787	8,759	45,007	78,348
2015 Average	24,989	3,677	4,278	652	2,302	1,610	--	10,253	893	9,431	46,148	80,716
2016 January	26,054	3,877	4,166	632	2,294	1,657	--	10,485	1,003	9,197	R 46,321	R 81,673
February	25,704	3,797	R 4,150	623	2,247	1,675	--	10,485	1,014	9,055	R 45,902	R 80,851
March	26,070	3,767	4,091	623	2,249	1,632	--	10,521	987	9,081	R 45,641	R 80,791
April	26,180	3,429	R 4,039	626	2,210	1,666	--	10,450	989	8,866	R 44,718	R 79,994
May	26,539	2,811	R 3,977	625	2,207	1,608	--	10,440	991	8,824	R 44,016	R 79,201
June	26,807	3,112	R 4,038	621	2,213	1,480	--	10,453	897	8,670	R 44,293	R 79,896
July	27,081	3,657	R 3,941	620	2,192	1,762	--	10,254	980	8,635	R 44,829	R 80,615
August	27,138	3,855	R 3,878	614	2,179	1,603	--	10,316	841	8,670	R 44,367	R 80,072
September	27,072	3,849	R 3,892	609	2,146	1,430	--	10,729	826	8,519	R 44,749	R 80,392
October	27,259	3,893	R 3,784	608	2,135	1,766	--	10,826	760	8,787	R 45,530	R 81,539
November	27,493	4,135	R 3,918	598	2,105	1,785	--	10,832	948	8,888	R 46,123	R 82,599
December	27,527	3,968	R 3,937	590	2,067	1,706	--	10,830	961	8,778	R 45,839	R 82,059
Average	26,748	3,679	R 3,983	616	2,187	1,648	--	10,551	933	8,831	R 45,193	R 80,807
2017 January	26,622	4,097	3,855	589	2,054	1,653	--	10,733	970	8,840	R 45,719	R 81,130
February	26,360	4,137	R 3,803	583	2,051	1,693	--	10,713	945	9,083	R 45,935	R 81,126
March	26,254	3,917	R 3,843	573	2,053	1,745	--	10,654	943	9,140	R 45,589	R 80,316
April	26,331	3,577	R 3,863	582	2,046	1,738	--	10,603	915	9,085	R 45,027	R 79,888
May	26,472	3,690	R 3,822	588	2,053	1,636	--	10,543	930	9,168	R 45,119	R 80,470
June	26,698	3,793	R 3,947	590	2,042	1,576	--	10,543	937	9,074	R 45,265	R 81,001
July	26,698	3,990	R 3,832	587	2,020	1,653	--	10,546	912	9,230	R 45,566	R 81,546
August	26,599	4,154	R 3,760	594	1,962	1,584	--	10,507	831	9,244	R 45,175	R 80,933
September	26,768	3,950	3,779	602	1,761	1,473	--	10,503	885	9,495	R 45,198	R 81,132
October	26,528	3,902	R 3,769	597	1,933	1,576	--	10,530	944	9,703	R 45,690	R 81,355
November	26,461	4,230	3,820	593	1,896	1,520	--	10,543	979	10,103	R 46,499	R 82,007
December	26,536	4,287	3,764	595	1,903	1,567	--	10,553	741	10,040	R 46,297	R 81,764
Average	26,528	3,977	R 3,821	589	1,981	1,618	--	10,580	911	9,352	R 45,588	R 81,056
2018 January	26,708	4,131	3,763	586	1,953	R 1,650	--	10,550	1,035	E 9,995	R 46,462	R 82,162
February	26,655	4,284	3,753	591	1,919	R 1,598	--	10,552	957	E 10,248	R 46,736	R 82,304
March	26,529	4,309	3,758	591	1,888	1,549	--	10,566	909	E 10,461	R 46,731	R 82,024
April	26,466	3,996	3,774	596	1,911	1,544	--	10,562	1,027	E 10,475	R 46,525	R 81,705
May	26,503	4,206	3,761	599	1,891	1,348	--	10,569	923	E 10,464	46,460	81,451
June	26,993	4,188	3,857	568	1,871	1,517	--	10,663	854	E 10,672	46,907	81,976
July	27,113	R 4,232	3,732	589	1,865	1,555	--	10,814	R 910	RE 10,936	R 47,368	R 82,473
August	27,017	R 4,271	3,768	596	R 1,841	1,526	--	10,811	R 845	E 11,346	R 47,365	R 82,761
September	27,002	4,176	3,690	560	1,849	1,329	--	10,964	831	E 11,475	47,427	82,949
9-Month Average	26,777	4,199	3,762	586	1,887	1,512	--	10,673	921	E 10,677	46,888	82,199
2017 9-Month Average	26,535	3,922	3,834	588	2,005	1,639	--	10,593	918	9,151	45,396	80,837
2016 9-Month Average	26,520	3,572	4,018	621	2,215	1,613	--	10,458	948	8,835	44,979	80,387

^a 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.

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

R=Revised. --=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.

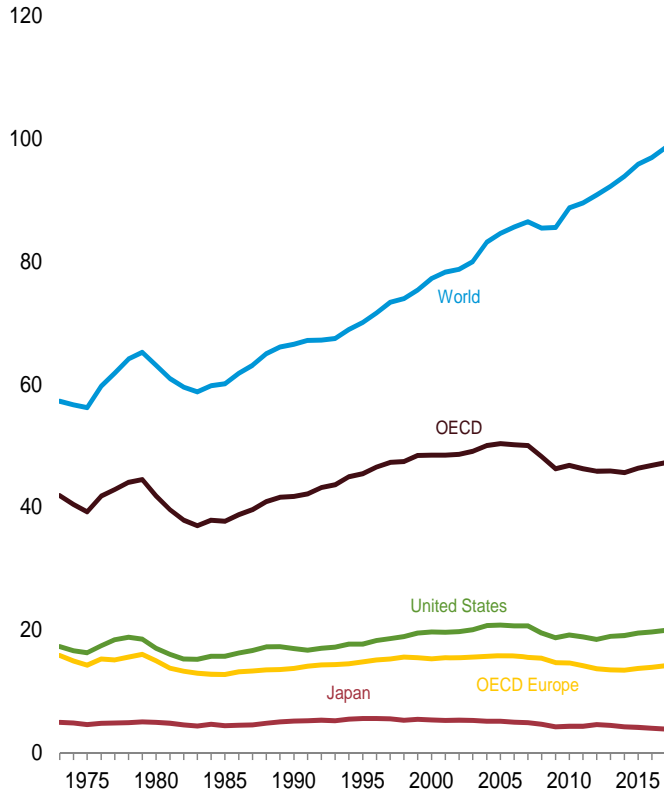
Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#international> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

Sources: See end of section.

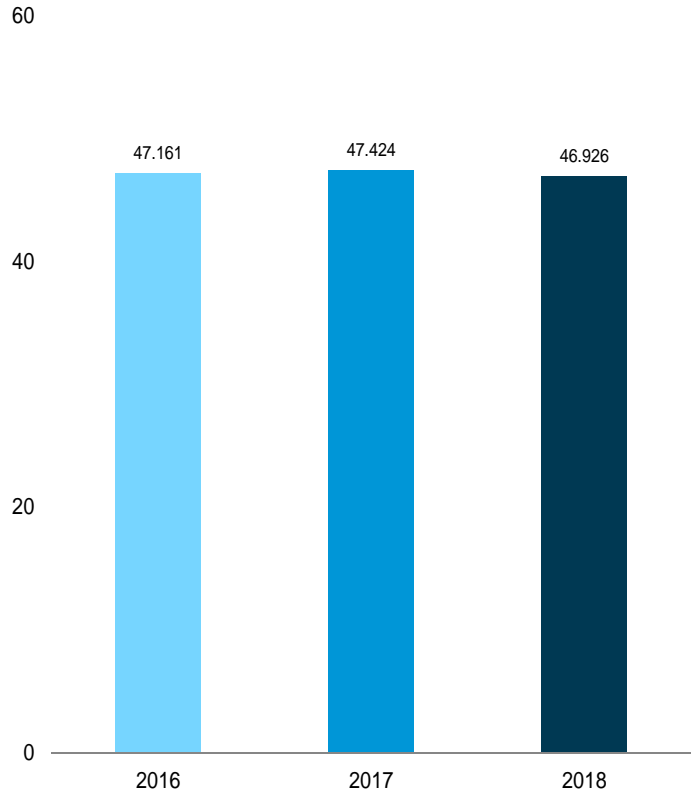
Figure 11.2 Petroleum Consumption in OECD Countries

(Million Barrels per Day)

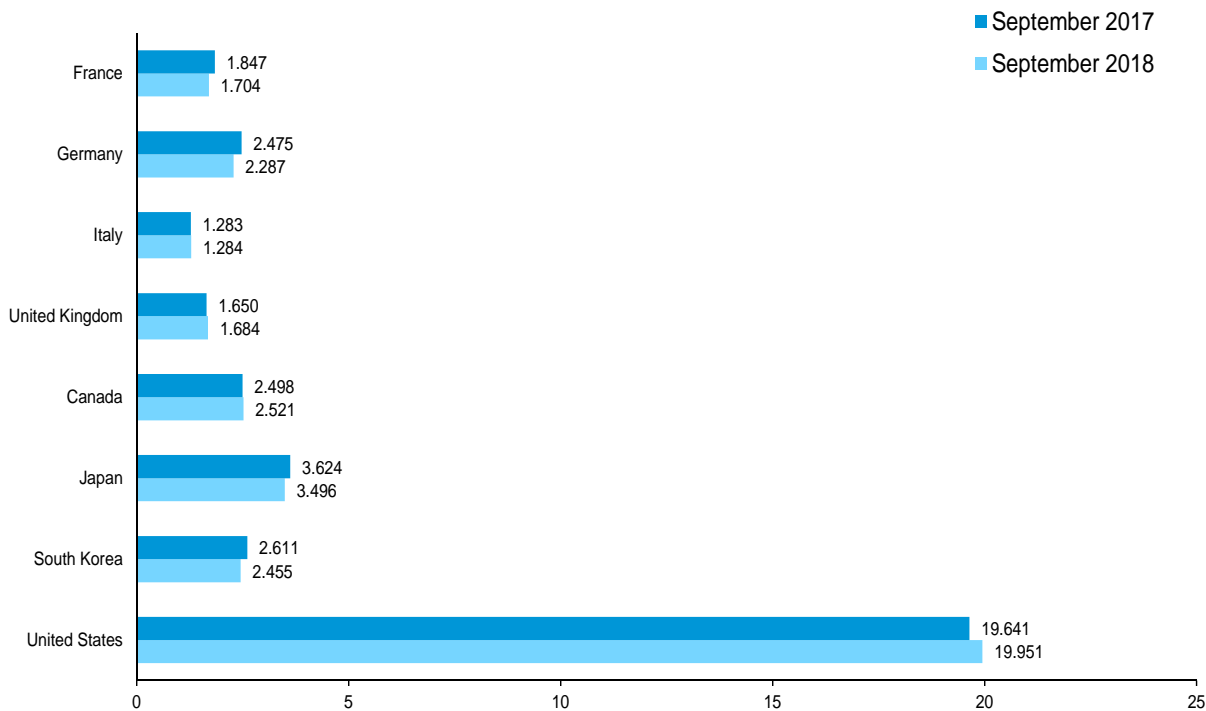
Overview, 1973–2017



OECD Total, September



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 ^a	Italy	United Kingdom	OECD Europe ^b	Canada	Japan	South Korea	United States	Other OECD ^c	OECD ^d	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	5,581	2,008	17,725	3,517	45,465	70,088
1996 Average	1,943	2,922	1,920	1,852	15,148	1,853	5,587	2,101	18,309	3,554	46,552	71,637
1997 Average	1,962	2,917	1,934	1,810	15,291	1,940	5,545	2,255	18,620	3,640	47,292	73,363
1998 Average	2,040	2,923	1,943	1,792	15,591	1,931	5,348	1,917	18,917	3,711	47,415	73,954
1999 Average	2,034	2,836	1,891	1,811	15,500	2,016	5,486	2,084	19,519	3,808	48,414	75,354
2000 Average	2,001	2,767	1,854	1,765	15,350	2,008	5,361	2,135	19,701	3,899	48,454	77,257
2001 Average	2,054	2,807	1,835	1,747	15,529	2,029	5,269	2,132	19,649	3,852	48,459	78,263
2002 Average	1,991	2,710	1,870	1,739	15,489	2,040	5,314	2,149	19,761	3,857	48,610	78,718
2003 Average	2,001	2,679	1,860	1,759	15,613	2,155	5,296	2,175	20,034	3,824	49,096	79,974
2004 Average	2,008	2,648	1,829	1,789	15,715	2,233	5,159	2,155	20,731	4,035	50,029	83,142
2005 Average	1,990	2,624	1,781	1,819	15,794	2,326	5,164	2,191	20,802	4,101	50,378	84,570
2006 Average	1,991	2,636	1,777	1,805	15,840	2,322	5,038	2,180	20,687	4,116	50,183	85,629
2007 Average	1,975	2,407	1,729	1,751	15,568	2,412	4,904	2,240	20,680	4,259	50,064	86,476
2008 Average	1,935	2,533	1,667	1,729	15,423	2,324	4,667	2,142	19,498	4,200	48,254	85,450
2009 Average	1,859	2,434	1,544	1,649	14,701	2,269	4,266	2,188	18,771	4,082	46,278	85,515
2010 Average	1,818	2,467	1,544	1,624	14,667	2,380	4,340	2,269	19,180	3,984	46,819	88,730
2011 Average	1,778	2,392	1,494	1,582	14,196	2,408	4,353	2,259	18,887	4,181	46,284	89,528
2012 Average	1,736	2,389	1,370	1,534	13,726	2,453	4,631	2,322	18,487	4,227	45,845	90,848
2013 Average	1,714	2,435	1,260	1,512	13,542	2,429	4,487	2,328	18,967	4,138	45,891	92,246
2014 Average	1,691	2,374	1,266	1,518	13,465	2,387	4,261	2,348	19,100	4,052	45,613	93,861
2015 Average	1,691	2,368	1,274	1,556	13,762	2,417	4,142	2,473	19,534	4,031	46,359	95,849
2016 January	1,565	2,274	1,092	1,490	12,831	2,462	4,365	2,670	19,063	4,059	45,450	NA
February	1,677	2,440	1,226	1,639	13,801	2,426	4,650	2,726	19,847	4,235	47,685	NA
March	1,714	2,448	1,236	1,535	13,855	2,395	4,376	2,509	19,728	4,131	46,994	NA
April	1,658	2,451	1,265	1,608	13,937	2,352	3,943	2,493	19,340	4,058	46,123	NA
May	1,657	2,259	1,230	1,546	13,552	2,396	3,550	2,550	19,328	3,980	45,356	NA
June	1,575	2,286	1,286	1,651	13,967	2,483	3,531	2,519	19,846	4,112	46,458	NA
July	1,677	2,372	1,289	1,548	13,981	2,492	3,750	2,448	19,776	4,059	46,505	NA
August	1,697	2,425	1,235	1,605	14,509	2,623	3,831	2,660	20,275	4,137	48,034	NA
September	1,733	2,399	1,303	1,643	14,471	2,549	3,693	2,617	19,757	4,074	47,161	NA
October	1,662	2,431	1,221	1,591	14,213	2,438	3,748	2,507	19,650	3,965	46,522	NA
November	1,560	2,475	1,190	1,593	14,010	2,481	4,128	2,755	19,659	4,127	47,159	NA
December	1,654	2,347	1,271	1,561	13,993	2,558	4,567	2,818	19,984	4,193	48,114	NA
Average	1,652	2,383	1,237	1,583	13,925	2,471	4,010	2,605	19,687	4,094	46,793	96,912
2017 January	1,737	2,342	1,132	1,450	13,420	2,373	4,148	2,597	19,323	3,848	45,708	NA
February	1,704	2,421	1,184	1,658	13,808	2,349	4,533	2,664	19,190	4,139	46,682	NA
March	1,708	2,577	1,235	1,497	14,031	2,398	4,250	2,599	20,060	4,184	47,523	NA
April	1,624	2,438	1,149	1,634	13,764	2,182	3,786	2,451	19,595	4,132	45,911	NA
May	1,669	2,492	1,234	1,519	14,139	2,435	3,500	2,521	20,066	4,222	46,883	NA
June	1,746	2,495	1,324	1,634	14,634	2,460	3,469	2,492	20,561	4,244	47,861	NA
July	1,728	2,498	1,302	1,592	14,538	2,487	3,583	2,565	20,119	4,082	47,373	NA
August	1,712	2,500	1,233	1,589	14,465	2,583	3,693	2,548	20,251	4,212	47,752	NA
September	1,847	2,475	1,283	1,650	15,283	2,498	3,624	2,611	19,641	4,159	47,424	NA
October	1,622	2,416	1,294	1,569	14,419	2,504	3,596	2,564	19,990	3,994	47,066	NA
November	1,676	2,556	1,240	1,632	14,485	2,586	4,093	2,680	20,307	4,165	48,316	NA
December	1,692	2,309	1,220	1,603	14,097	2,475	4,497	2,721	20,323	4,153	48,266	NA
Average	1,705	2,460	1,236	1,584	14,225	2,445	3,894	2,584	19,958	4,127	47,233	98,556
2018 January	1,590	2,176	1,163	1,441	13,235	2,360	4,257	2,704	20,461	4,103	47,120	NA
February	1,784	2,463	1,301	1,702	14,525	2,377	4,556	2,686	19,619	4,236	47,998	NA
March	1,759	2,379	1,281	1,573	14,256	2,236	4,031	2,502	20,573	4,269	47,868	NA
April	1,699	2,332	1,270	1,634	14,080	2,253	3,604	2,544	19,941	4,117	46,538	NA
May	1,657	2,253	1,261	1,561	13,917	2,408	3,437	2,559	20,357	4,215	46,893	NA
June	1,714	2,293	1,292	1,655	14,352	2,371	3,238	2,537	20,705	4,233	47,436	NA
July	1,789	2,296	1,339	1,554	14,718	2,548	3,504	2,511	20,621	4,197	48,099	NA
August	1,713	2,326	1,262	1,633	14,588	2,538	3,599	2,484	21,302	4,159	48,669	NA
September	1,704	2,287	1,284	1,684	14,343	2,521	3,496	2,455	19,951	4,159	46,926	NA
9-Month Average	1,711	2,310	1,272	1,602	14,220	2,402	3,741	2,552	20,403	4,187	47,506	NA
2017 9-Month Average	1,719	2,471	1,231	1,579	14,189	2,420	3,838	2,560	19,874	4,135	47,016	NA
2016 9-Month Average	1,661	2,372	1,240	1,584	13,876	2,464	3,963	2,576	19,661	4,093	46,634	NA

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

^b "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.

^c "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.

^d 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.

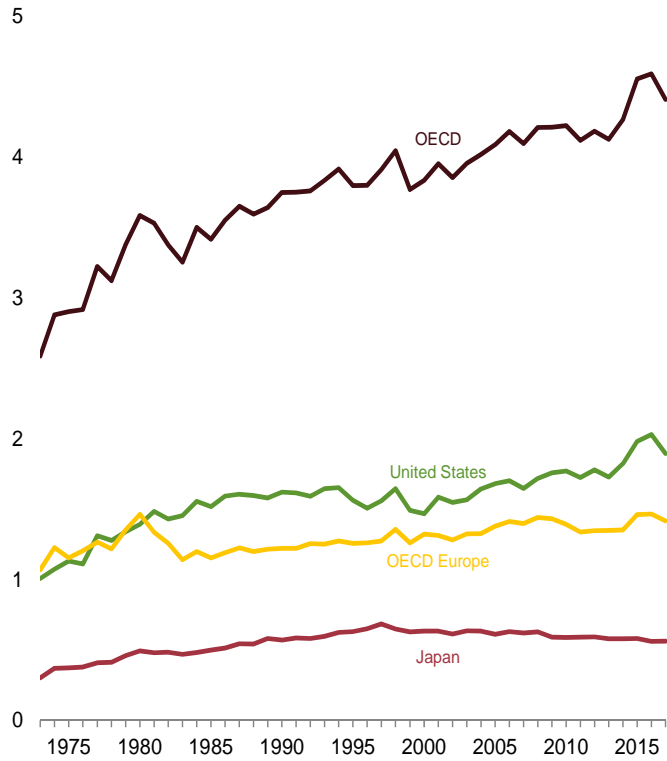
Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#international> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

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.

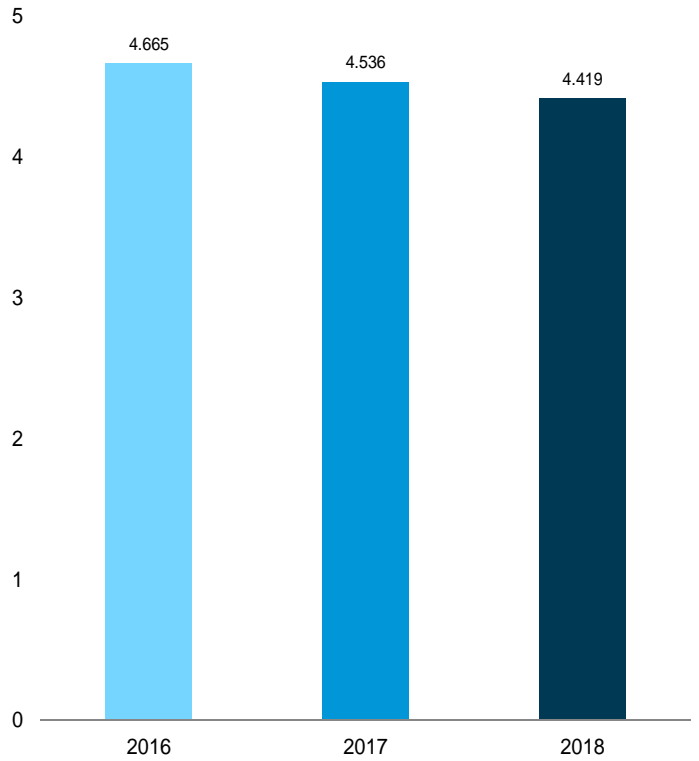
Figure 11.3 Petroleum Stocks in OECD Countries

(Billion Barrels)

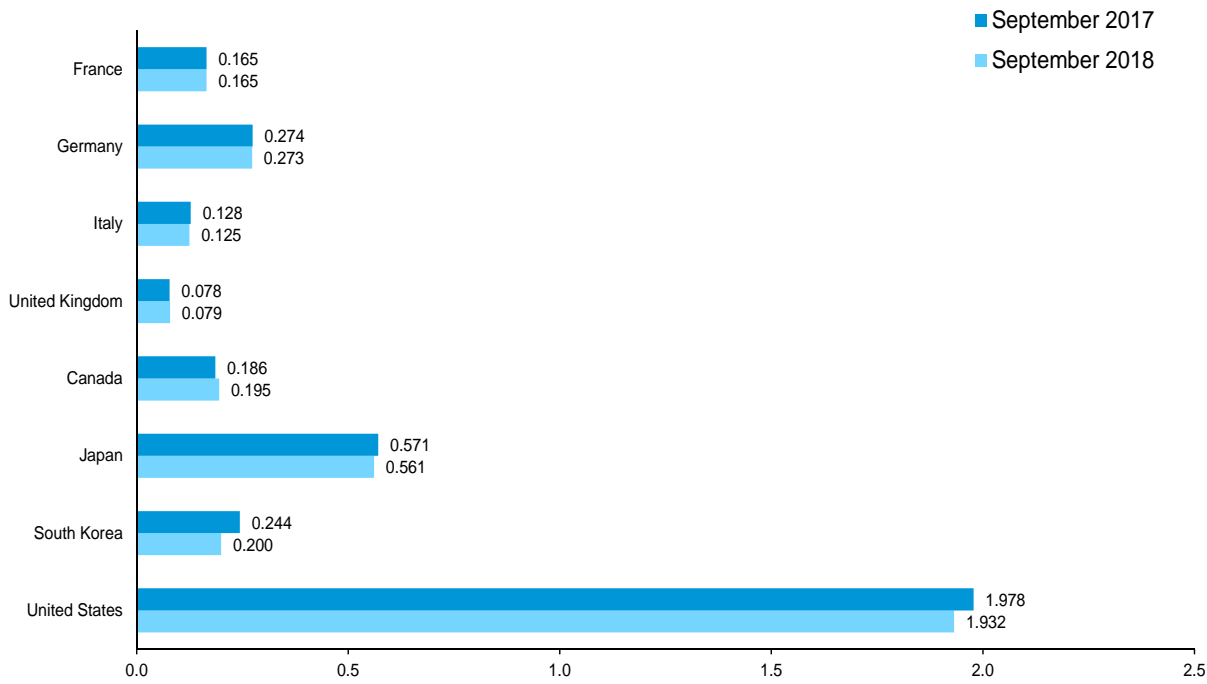
Overview, End of Year, 1973–2017



OECD Stocks, End of Month, September



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 ^a	Italy	United Kingdom	OECD Europe ^b	Canada	Japan	South Korea	United States	Other OECD ^c	OECD ^d
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	4,556
2016 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
2017 January	166	285	129	82	R 1,505	185	562	238	2,053	R 124	4,666
February	166	285	131	82	R 1,508	187	556	236	2,049	R 123	4,659
March	168	280	134	81	R 1,501	185	546	238	2,030	R 126	4,627
April	165	283	131	84	R 1,507	181	558	240	2,028	R 127	4,643
May	167	280	132	81	R 1,485	180	572	238	2,034	R 131	4,639
June	165	277	134	81	R 1,477	183	566	236	2,010	R 127	4,599
July	170	279	131	80	R 1,477	188	577	240	1,998	R 122	4,602
August	170	278	131	80	R 1,465	186	582	240	1,987	R 120	4,580
September	165	274	128	78	R 1,440	186	571	244	1,978	R 118	4,536
October	165	273	125	79	R 1,419	184	575	241	1,941	R 121	4,483
November	164	271	125	82	R 1,424	185	574	235	1,923	R 115	4,456
December	166	279	125	80	R 1,417	189	563	231	1,895	R 115	4,409
2018 January	167	283	125	83	R 1,462	186	560	225	1,879	R 121	4,434
February	165	278	130	80	R 1,458	184	545	230	1,876	R 122	4,415
March	166	280	126	79	R 1,450	192	539	213	1,862	R 122	4,377
April	168	277	129	79	R 1,449	186	553	207	1,864	R 121	4,380
May	168	277	128	81	R 1,441	190	559	202	1,870	R 122	4,384
June	168	278	125	83	R 1,437	190	549	210	1,867	R 119	4,373
July	167	278	133	82	R 1,444	190	557	207	1,872	R 123	4,393
August	165	277	132	81	R 1,439	R 200	567	202	1,892	R 120	R 4,419
September	165	273	125	79	1,413	195	561	200	1,932	118	4,419

^a 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.

^b "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.

^c "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.

^d 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, December 13, 2018.

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, December 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, December 2018.