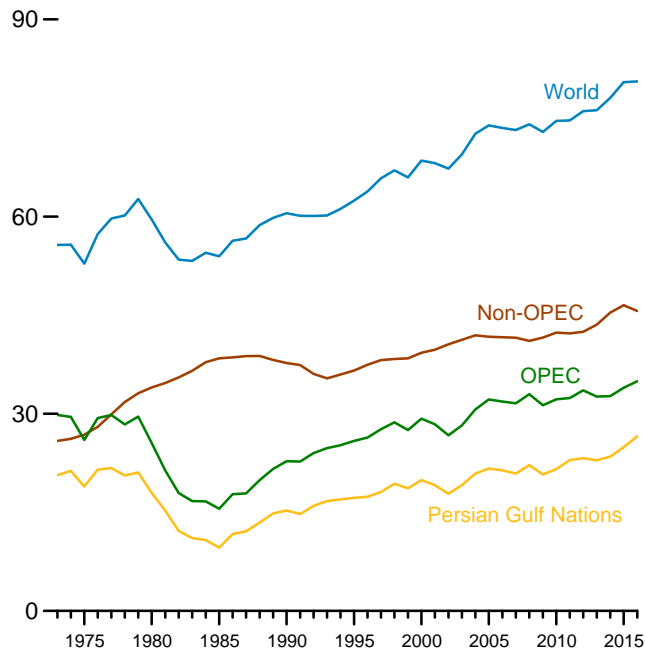


# 11. International Petroleum

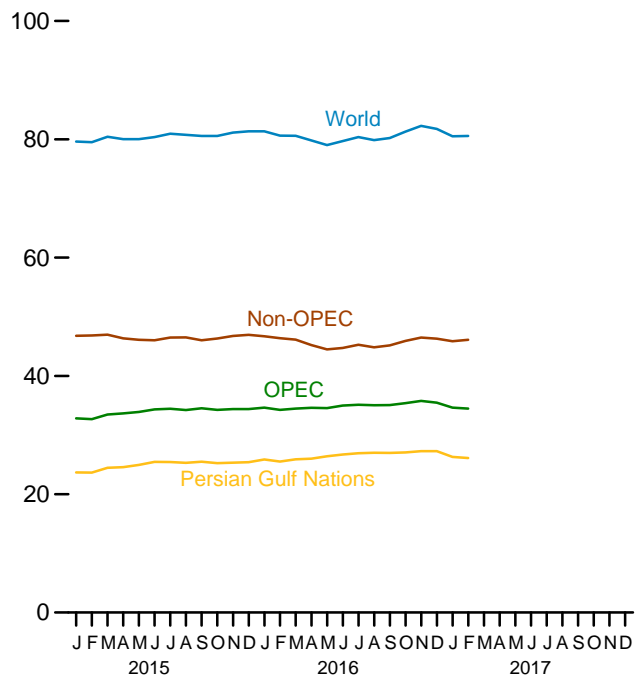
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**Figure 11.1a World Crude Oil Production Overview**  
(Million Barrels per Day)

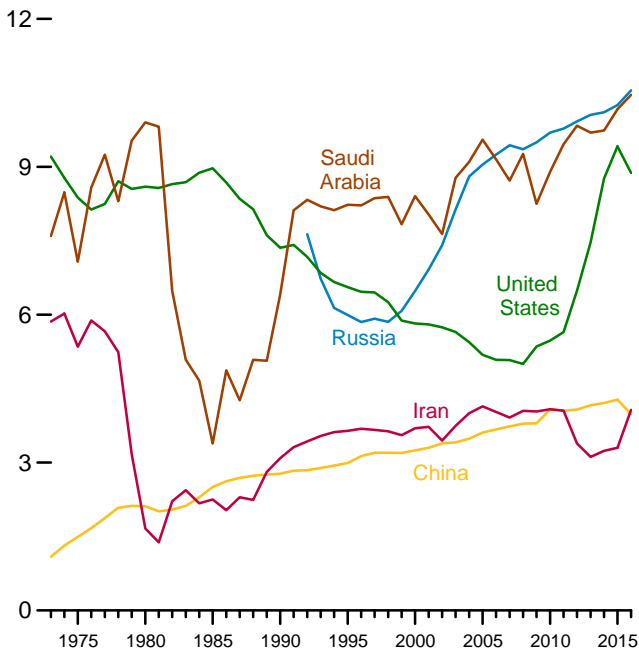
World Production, 1973–2016



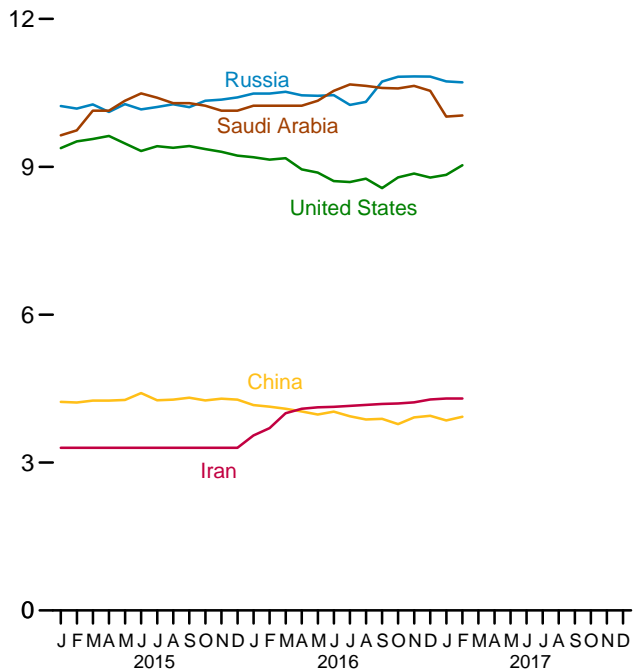
World Production, Monthly



Selected Producers, 1973–2016



Selected Producers, Monthly



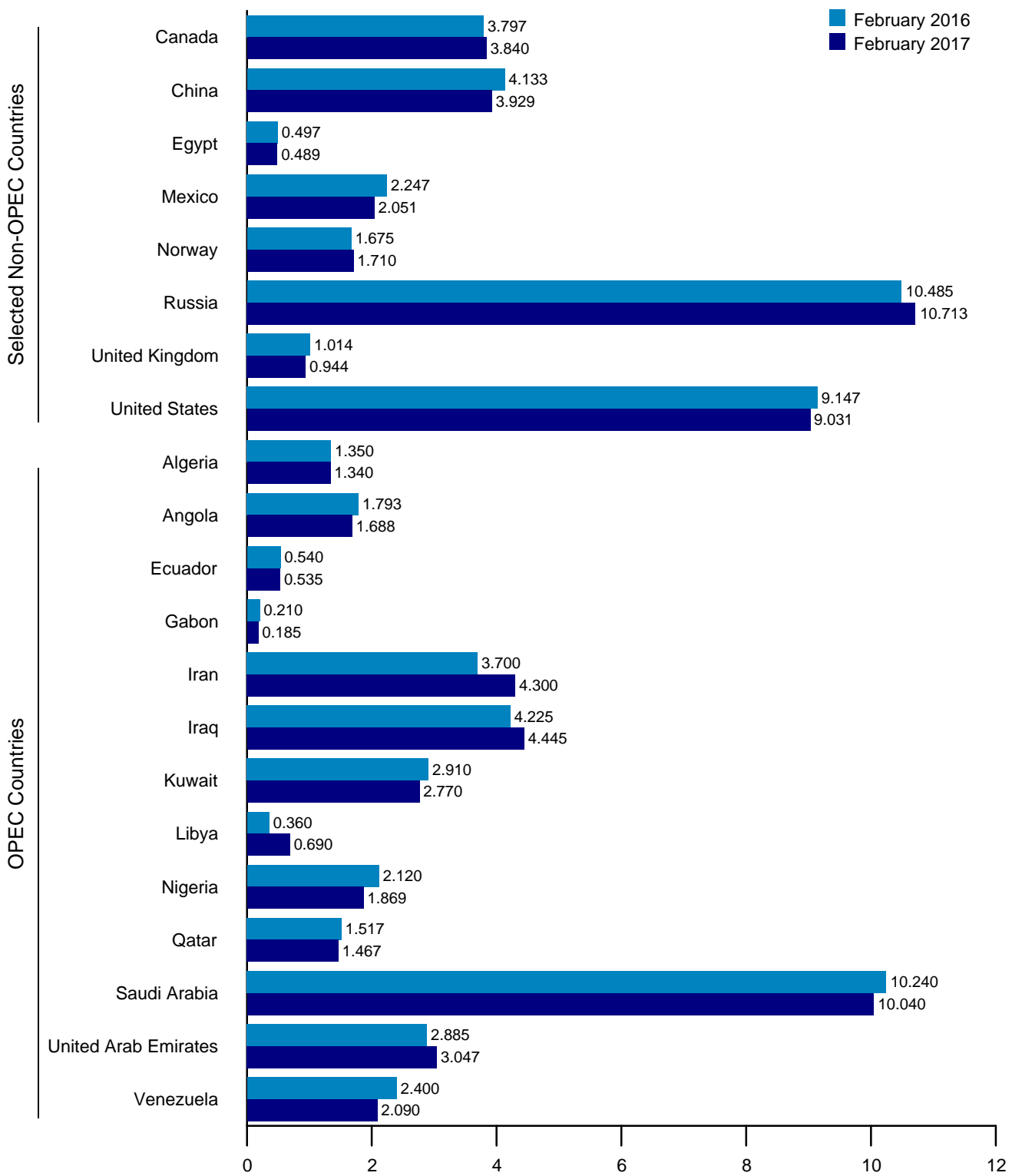
Notes: • OPEC is the Organization of the Petroleum Exporting Countries. • The Persian Gulf Nations are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Neutral Zone between Kuwait and Saudi Arabia is included in “Per-

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: 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	25,865
1996 Average	1,227	709	396	368	3,686	579	2,062	1,401	2,001	510	8,218	2,278	2,938	26,372
1997 Average	1,259	714	388	370	3,664	1,155	2,007	1,446	2,132	550	8,362	2,316	3,280	27,644
1998 Average	1,226	735	375	352	3,634	2,150	2,085	1,390	2,153	696	8,389	2,345	3,167	28,698
1999 Average	1,177	745	373	331	3,557	2,508	1,898	1,319	2,130	665	7,833	2,169	2,826	27,530
2000 Average	1,214	746	395	315	3,696	2,571	2,079	1,410	2,165	742	8,404	2,368	3,155	29,259
2001 Average	1,265	742	412	270	3,724	2,390	1,998	1,367	2,256	730	8,031	2,205	3,010	28,399
2002 Average	1,349	896	393	251	3,444	2,023	1,894	1,319	2,118	709	7,634	2,082	2,604	26,716
2003 Average	1,516	903	411	241	3,743	1,308	2,136	1,421	2,275	807	8,775	2,348	2,335	28,219
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	30,671
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	32,163
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	31,844
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	31,598
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	32,971
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	31,287
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	32,202
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	32,394
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	33,569
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	32,620
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	32,675
2015 January	1,429	1,820	558	215	3,300	3,475	2,750	370	2,294	1,514	9,640	2,960	2,500	32,825
February	1,429	1,770	553	215	3,300	3,325	2,750	360	2,269	1,520	9,740	2,970	2,500	32,701
March	1,429	1,720	553	215	3,300	3,725	2,750	475	2,152	1,525	10,140	2,980	2,500	33,464
April	1,429	1,790	548	205	3,300	3,775	2,770	505	2,165	1,531	10,140	3,010	2,500	33,668
May	1,429	1,770	543	205	3,300	3,925	2,780	430	2,139	1,532	10,340	3,020	2,500	33,913
June	1,429	1,820	541	215	3,300	4,275	2,780	410	2,025	1,537	10,490	3,030	2,500	34,352
July	1,429	1,850	538	215	3,300	4,325	2,810	400	2,122	1,537	10,400	3,030	2,500	34,456
August	1,429	1,870	537	215	3,300	4,225	2,850	360	2,088	1,537	10,290	3,040	2,500	34,241
September	1,429	1,800	539	215	3,300	4,425	2,850	375	2,225	1,537	10,290	3,040	2,500	34,525
October	1,429	1,770	538	215	3,300	4,275	2,800	415	2,198	1,537	10,240	3,050	2,500	34,267
November	1,429	1,820	537	215	3,300	4,425	2,850	375	2,226	1,537	10,140	3,040	2,500	34,394
December	1,429	1,820	533	215	3,300	4,425	2,900	370	2,159	1,537	10,140	3,060	2,500	34,388
Average	1,429	1,802	543	213	3,300	4,054	2,804	404	2,171	1,532	10,168	3,019	2,500	33,940
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	34,638
February	1,350	1,793	540	210	3,700	4,225	2,910	360	2,120	1,517	10,240	2,885	2,400	34,250
March	1,350	1,798	552	210	4,000	4,225	2,930	320	2,193	1,537	10,240	2,910	2,400	34,465
April	1,350	1,793	555	210	4,090	4,475	2,700	330	2,010	1,537	10,240	2,920	2,400	34,610
May	1,350	1,818	556	210	4,120	4,355	2,910	285	2,673	1,537	10,340	3,100	2,300	34,554
June	1,330	1,823	550	210	4,130	4,405	2,910	330	1,811	1,537	10,540	3,135	2,280	34,991
July	1,350	1,829	545	210	4,150	4,415	2,950	310	1,778	1,537	10,670	3,156	2,220	35,120
August	1,350	1,833	549	210	4,170	4,460	2,960	250	1,691	1,537	10,640	3,186	2,210	35,046
September	1,350	1,768	560	210	4,190	4,480	2,960	310	1,736	1,477	10,600	3,216	2,200	35,057
October	1,350	1,618	552	200	4,200	4,565	2,960	550	1,913	1,507	10,590	3,196	2,190	35,391
November	1,350	1,698	544	220	4,220	4,645	2,970	580	1,984	1,527	10,640	3,226	2,180	35,784
December	1,350	1,668	544	220	4,280	4,685	2,970	620	1,684	1,527	10,540	3,226	2,150	35,464
Average	1,348	1,770	548	211	4,068	4,452	2,924	385	1,878	1,523	10,461	3,106	2,277	34,950
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	34,632
February	1,340	1,688	535	185	4,300	4,445	2,770	690	1,869	1,467	10,040	3,047	2,090	34,466
2-Month Average	1,340	1,672	536	193	4,300	4,508	2,802	685	1,858	1,478	10,029	3,058	2,095	34,553
2016 2-Month Average	1,350	1,796	537	210	3,623	4,354	2,931	365	2,140	1,507	10,240	2,999	2,400	34,450
2015 2-Month Average	1,429	1,796	556	215	3,300	3,404	2,750	365	2,282	1,517	9,687	2,965	2,500	32,766

<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. 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.

<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, Ecuador

rejoined OPEC in 2007 and is thus included in "Total OPEC" for all years. R=Revised.

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	36,569	62,434
1996 Average	17,367	1,837	3,131	922	2,944	3,091	--	5,850	2,568	6,465	37,446	63,818
1997 Average	18,095	1,922	3,200	856	3,104	3,142	--	5,920	2,518	6,452	38,161	65,806
1998 Average	19,337	1,981	3,198	834	3,160	3,011	--	5,854	2,616	6,252	38,333	67,032
1999 Average	18,667	1,907	3,195	852	2,998	3,019	--	6,079	2,684	5,881	38,437	65,967
2000 Average	19,897	1,977	3,249	768	3,104	3,222	--	6,479	2,275	5,822	39,268	68,527
2001 Average	19,114	2,029	3,300	720	3,218	3,226	--	6,917	2,282	5,801	39,733	68,132
2002 Average	17,824	2,171	3,390	715	3,263	3,131	--	7,408	2,292	5,744	40,574	67,290
2003 Average	19,154	2,306	3,409	713	3,459	3,042	--	8,132	2,093	5,649	41,242	69,460
2004 Average	20,906	2,398	3,485	673	3,476	2,954	--	8,805	1,845	5,441	41,924	72,595
2005 Average	21,644	2,369	3,609	623	3,423	2,698	--	9,043	1,649	5,184	41,702	73,866
2006 Average	21,377	2,525	3,673	535	3,345	2,491	--	9,247	1,490	5,086	41,633	73,476
2007 Average	20,904	2,628	3,736	530	3,143	2,270	--	9,437	1,498	5,077	41,578	73,175
2008 Average	22,186	2,579	3,790	566	2,839	2,182	--	9,357	1,391	5,000	41,078	74,048
2009 Average	20,754	2,579	3,796	587	2,646	2,067	--	9,495	1,328	5,353	41,583	72,869
2010 Average	21,589	2,741	4,078	568	2,621	1,871	--	9,694	1,233	5,475	42,341	R 74,543
2011 Average	22,953	2,901	4,052	551	2,600	1,760	--	9,774	1,026	5,646	42,230	R 74,624
2012 Average	23,233	3,138	4,074	539	2,593	1,612	--	9,922	888	6,487	R 42,463	R 76,032
2013 Average	22,932	3,325	4,164	524	2,562	1,533	--	10,054	801	7,468	43,557	R 76,177
2014 Average	23,469	3,613	4,208	517	2,469	1,562	--	10,107	787	8,764	45,581	R 78,056
<b>2015</b> January	23,689	3,885	4,232	508	2,290	1,579	--	10,231	872	9,379	46,791	R 79,616
February	23,655	3,906	4,218	516	2,370	1,589	--	10,181	812	9,517	46,822	R 79,523
March	24,470	3,775	4,256	525	2,356	1,586	--	10,264	867	9,566	46,962	R 80,426
April	24,576	3,463	4,258	503	2,235	1,614	--	10,111	925	9,627	46,354	R 80,022
May	24,947	3,212	4,271	512	2,263	1,555	--	10,270	1,016	9,472	46,100	R 80,013
June	25,462	3,457	4,408	504	2,283	1,596	--	10,166	870	9,320	46,027	R 80,379
July	25,452	3,821	4,263	524	2,308	1,611	--	10,213	839	9,418	46,476	R 80,931
August	25,292	3,922	4,278	523	2,291	1,599	--	10,268	788	9,384	46,517	R 80,759
September	25,492	3,422	4,317	501	2,306	1,581	--	10,209	862	9,423	46,032	R 80,557
October	25,252	3,582	4,259	517	2,314	1,685	--	10,341	912	9,358	46,310	R 80,577
November	25,342	3,819	4,297	494	2,310	1,644	--	10,361	972	9,304	46,741	R 81,135
December	25,412	3,866	4,275	509	2,308	1,682	--	10,407	979	9,225	46,953	R 81,342
<b>Average</b>	<b>24,927</b>	<b>3,677</b>	<b>4,278</b>	<b>511</b>	<b>2,302</b>	<b>1,610</b>	--	<b>10,253</b>	<b>893</b>	<b>9,415</b>	<b>46,507</b>	<b>R 80,447</b>
<b>2016</b> January	25,867	3,877	4,166	498	2,294	1,657	--	10,485	R 1,003	E 9,194	R 46,712	R 81,350
February	25,527	3,797	4,133	497	2,247	1,675	--	10,485	R 1,014	E 9,147	R 46,371	R 80,621
March	25,892	3,767	4,091	497	2,249	1,632	--	10,522	R 987	E 9,174	R 46,133	R 80,598
April	26,012	3,429	4,036	496	2,210	1,666	--	10,450	R 989	E 8,947	R 45,199	R 79,809
May	26,412	2,811	3,973	495	2,207	1,608	--	10,440	R 991	E 8,882	R 44,471	R 79,025
June	26,707	3,112	4,034	495	2,213	1,480	--	10,453	R 897	E 8,711	R 44,712	R 79,703
July	26,928	3,657	3,938	494	2,192	1,762	--	10,254	R 980	E 8,691	R 45,255	R 80,375
August	27,003	3,855	3,874	493	2,179	1,603	--	10,316	R 841	E 8,759	R 44,824	R 79,870
September	26,973	3,849	3,887	493	2,146	1,430	--	10,729	R 826	E 8,567	R 45,164	R 80,221
October	27,068	3,893	3,780	492	R 2,135	1,766	--	10,826	R 760	E 8,785	R 45,905	R 81,296
November	27,278	4,135	3,915	491	R 2,105	1,785	--	10,832	R 948	E 8,863	R 46,489	R 82,273
December	27,278	3,968	3,949	491	2,067	1,706	--	10,830	R 961	RE 8,780	R 46,289	R 81,753
<b>Average</b>	<b>26,583</b>	<b>3,679</b>	<b>3,981</b>	<b>494</b>	<b>2,187</b>	<b>1,648</b>	--	<b>10,551</b>	<b>R 933</b>	<b>RE 8,875</b>	<b>R 45,626</b>	<b>80,575</b>
<b>2017</b> January	R 26,312	R 3,877	3,855	490	R 2,054	1,660	--	10,733	R 970	RE 8,838	R 45,873	R 80,505
February	26,111	3,840	3,929	489	2,051	1,710	--	10,713	944	E 9,031	46,111	R 80,577
<b>2-Month Average</b>	<b>26,217</b>	<b>3,859</b>	<b>3,890</b>	<b>490</b>	<b>2,053</b>	<b>1,684</b>	--	<b>10,724</b>	<b>958</b>	<b>E 8,929</b>	<b>45,986</b>	<b>80,539</b>
<b>2016 2-Month Average</b>	<b>25,703</b>	<b>3,838</b>	<b>4,150</b>	<b>498</b>	<b>2,271</b>	<b>1,666</b>	--	<b>10,485</b>	<b>1,009</b>	<b>E 9,171</b>	<b>46,547</b>	<b>80,997</b>
<b>2015 2-Month Average</b>	<b>23,673</b>	<b>3,895</b>	<b>4,225</b>	<b>512</b>	<b>2,328</b>	<b>1,584</b>	--	<b>10,207</b>	<b>844</b>	<b>9,444</b>	<b>46,806</b>	<b>79,572</b>

<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, Ecuador rejoined OPEC in 2007 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

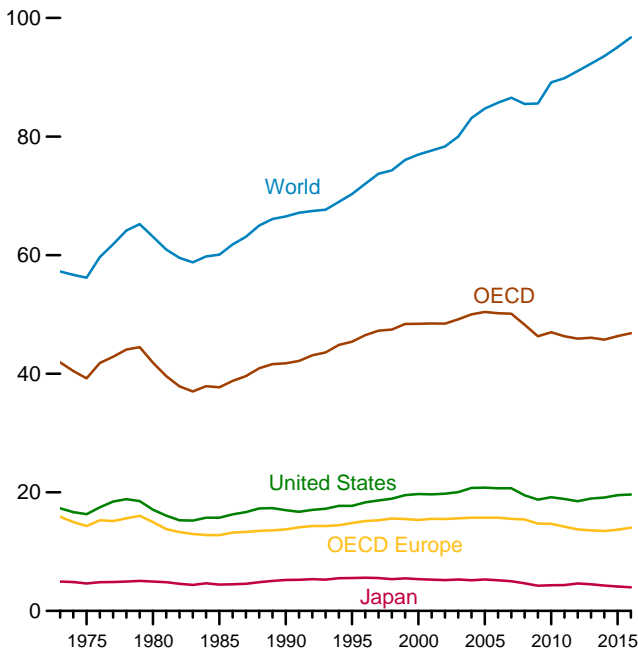
plant liquids. • Monthly data are often preliminary figures and may not average to the annual totals because of rounding or because updates to the preliminary monthly data are not available. • Data for countries may not sum to World totals due to independent rounding. • U.S. geographic coverage is the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

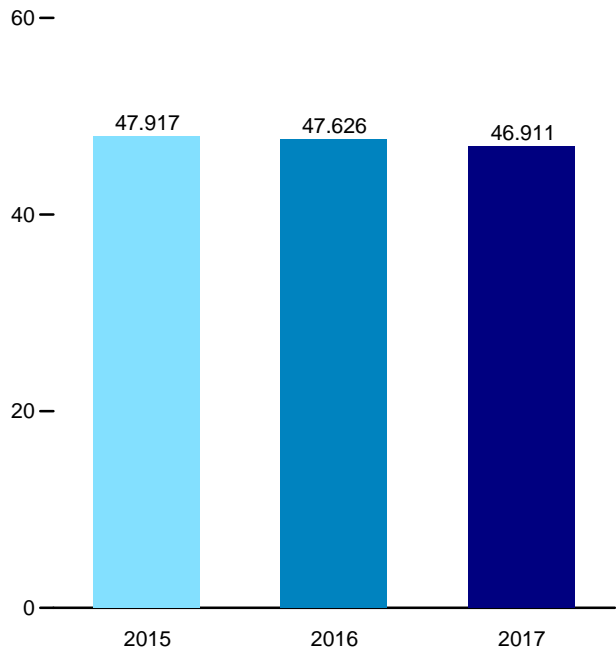
Sources: See end of section.

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

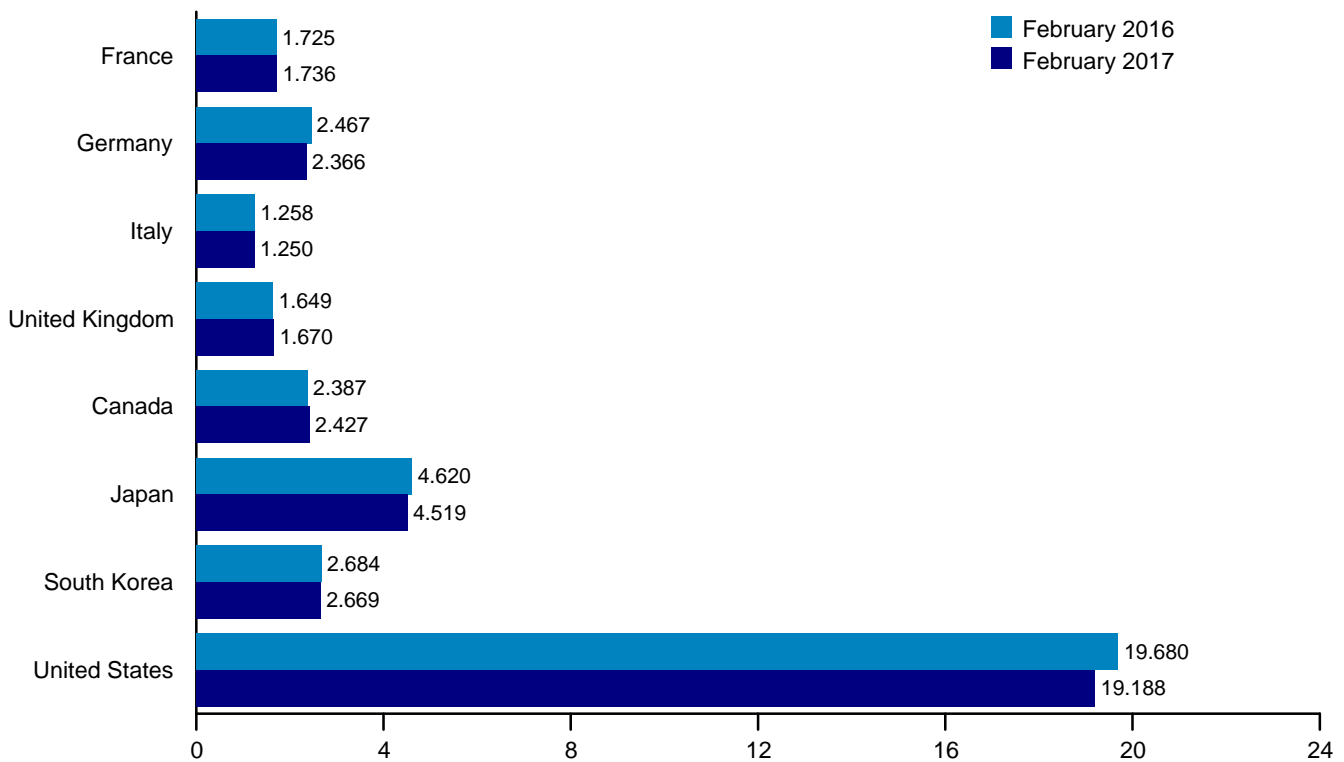
Overview, 1973–2016



OECD Total, February



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	14,832	1,799	5,546	2,008	17,725	3,478	45,388	70,315
1996 Average	1,943	2,922	1,920	1,852	15,144	1,853	5,591	2,101	18,309	3,513	46,511	72,038
1997 Average	1,962	2,917	1,934	1,810	15,292	1,940	5,549	2,255	18,620	3,604	47,261	73,734
1998 Average	2,040	2,923	1,943	1,792	15,592	1,931	5,348	1,917	18,917	3,739	47,444	74,305
1999 Average	2,034	2,836	1,891	1,811	15,503	2,016	5,486	2,084	19,519	3,775	48,384	76,058
2000 Average	2,001	2,767	1,854	1,765	15,352	2,008	5,357	2,135	19,701	3,871	48,424	76,957
2001 Average	2,054	2,807	1,835	1,747	15,533	2,029	5,265	2,132	19,649	3,873	48,480	77,642
2002 Average	1,991	2,710	1,870	1,739	15,491	2,040	5,187	2,149	19,761	3,825	48,453	78,332
2003 Average	2,001	2,679	1,860	1,759	15,616	2,155	5,298	2,175	20,034	3,897	49,174	79,986
2004 Average	2,008	2,648	1,829	1,789	15,718	2,233	5,163	2,155	20,731	4,001	50,002	83,126
2005 Average	1,990	2,624	1,781	1,819	15,714	2,296	5,298	2,191	20,802	4,114	50,416	84,719
2006 Average	1,991	2,636	1,777	1,806	15,718	2,294	5,168	2,180	20,687	4,150	50,197	85,702
2007 Average	1,978	2,407	1,729	1,751	15,534	2,389	5,009	2,240	20,680	4,268	50,121	86,545
2008 Average	1,940	2,533	1,667	1,730	15,424	2,342	4,664	2,142	19,498	4,191	48,261	85,509
2009 Average	1,863	2,434	1,544	1,649	14,711	2,283	4,257	2,188	18,771	4,105	46,316	85,569
2010 Average	1,822	2,467	1,544	1,626	14,694	2,375	4,328	2,269	19,180	4,153	46,998	89,137
2011 Average	1,779	2,392	1,494	1,582	14,215	2,405	4,345	2,259	18,882	4,216	46,322	89,846
2012 Average	1,739	2,389	1,370	1,535	13,741	2,470	4,630	2,322	18,490	4,271	45,924	91,056
2013 Average	1,714	2,435	1,260	1,527	13,582	2,455	4,504	2,328	18,961	4,240	46,069	92,284
2014 Average	1,692	2,374	1,266	1,520	13,484	2,407	4,267	2,348	19,106	4,150	45,761	93,558
<b>2015</b> January	1,642	2,291	1,123	1,432	12,983	2,443	4,547	2,466	19,218	4,029	45,686	NA
February	1,782	2,431	1,227	1,655	13,871	2,528	5,062	2,506	19,677	4,274	47,917	NA
March	1,691	2,388	1,219	1,478	13,484	2,339	4,530	2,403	19,352	4,140	46,248	NA
April	1,720	2,360	1,307	1,570	13,691	2,282	4,154	2,377	19,263	4,109	45,876	NA
May	1,540	2,189	1,224	1,486	13,005	2,321	3,589	2,201	19,301	4,121	44,538	NA
June	1,773	2,317	1,293	1,559	13,955	2,393	3,669	2,304	19,841	4,200	46,361	NA
July	1,809	2,390	1,391	1,495	14,143	2,441	3,791	2,289	20,126	4,310	47,101	NA
August	1,675	2,415	1,240	1,579	13,901	2,457	3,909	2,442	19,930	4,159	46,797	NA
September	1,792	2,530	1,328	1,624	14,358	2,460	3,851	2,355	19,418	4,209	46,651	NA
October	1,663	2,431	1,285	1,529	13,812	2,441	3,828	2,407	19,500	4,139	46,127	NA
November	1,497	2,393	1,250	1,580	13,415	2,405	3,969	2,522	19,144	4,158	45,613	NA
December	1,716	2,345	1,303	1,570	13,801	2,368	4,607	2,618	19,600	4,294	47,288	NA
<b>Average</b>	<b>1,691</b>	<b>2,372</b>	<b>1,266</b>	<b>1,545</b>	<b>13,698</b>	<b>2,406</b>	<b>4,120</b>	<b>2,407</b>	<b>19,531</b>	<b>4,178</b>	<b>46,340</b>	<b>95,068</b>
<b>2016</b> January	1,591	R 2,300	1,122	1,499	R 12,953	2,425	4,336	2,631	19,055	4,075	R 45,476	NA
February	1,725	R 2,467	1,258	1,649	R 13,993	2,387	4,620	2,684	19,680	4,262	R 47,626	NA
March	1,759	R 2,474	1,266	1,545	R 13,986	2,358	4,348	2,470	19,616	4,291	R 47,069	NA
April	1,702	R 2,478	1,296	1,618	R 14,056	2,314	3,930	2,453	19,264	4,040	R 46,058	NA
May	1,709	R 2,285	1,260	1,556	R 13,714	2,359	3,537	2,511	19,202	4,120	R 45,442	NA
June	1,582	R 2,312	1,317	1,661	R 14,051	2,445	3,518	2,479	19,799	R 4,196	R 46,488	NA
July	1,718	R 2,398	1,319	1,558	R 14,132	2,456	3,737	2,409	19,712	4,089	R 46,534	NA
August	1,726	R 2,450	1,265	1,614	R 14,621	2,586	3,818	2,621	20,131	R 4,210	R 47,987	NA
September	1,770	R 2,425	1,334	1,653	R 14,598	2,511	3,680	2,577	19,864	4,065	R 47,293	NA
October	1,700	R 2,457	1,251	1,601	R 14,345	2,401	3,735	2,468	19,622	R 4,124	46,696	NA
November	1,595	R 2,502	1,221	1,603	R 14,135	2,443	4,114	2,714	19,655	R 4,197	R 47,258	NA
December	1,687	R 2,373	1,302	1,570	R 14,130	2,522	4,554	2,780	19,979	R 4,237	R 48,201	NA
<b>Average</b>	<b>1,689</b>	<b>R 2,409</b>	<b>1,267</b>	<b>1,593</b>	<b>R 14,058</b>	<b>2,434</b>	<b>3,992</b>	<b>2,566</b>	<b>19,631</b>	<b>4,159</b>	<b>R 46,840</b>	<b>R 96,718</b>
<b>2017</b> January	1,766	2,275	1,192	1,437	R 13,441	R 2,405	R 4,218	2,602	19,234	3,980	R 45,880	NA
February	1,736	2,366	1,250	1,670	13,885	2,427	4,519	2,669	19,188	4,223	46,911	NA
<b>2-Month Average</b>	<b>1,752</b>	<b>2,318</b>	<b>1,219</b>	<b>1,547</b>	<b>13,652</b>	<b>2,415</b>	<b>4,361</b>	<b>2,634</b>	<b>19,212</b>	<b>4,095</b>	<b>46,369</b>	<b>NA</b>
<b>2016 2-Month Average</b>	<b>1,656</b>	<b>2,381</b>	<b>1,188</b>	<b>1,571</b>	<b>13,456</b>	<b>2,406</b>	<b>4,473</b>	<b>2,657</b>	<b>19,357</b>	<b>4,166</b>	<b>46,515</b>	<b>NA</b>
<b>2015 2-Month Average</b>	<b>1,708</b>	<b>2,358</b>	<b>1,172</b>	<b>1,538</b>	<b>13,405</b>	<b>2,483</b>	<b>4,791</b>	<b>2,485</b>	<b>19,436</b>	<b>4,145</b>	<b>46,745</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; and, for 2000 forward, Chile, Estonia, and Israel.

<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

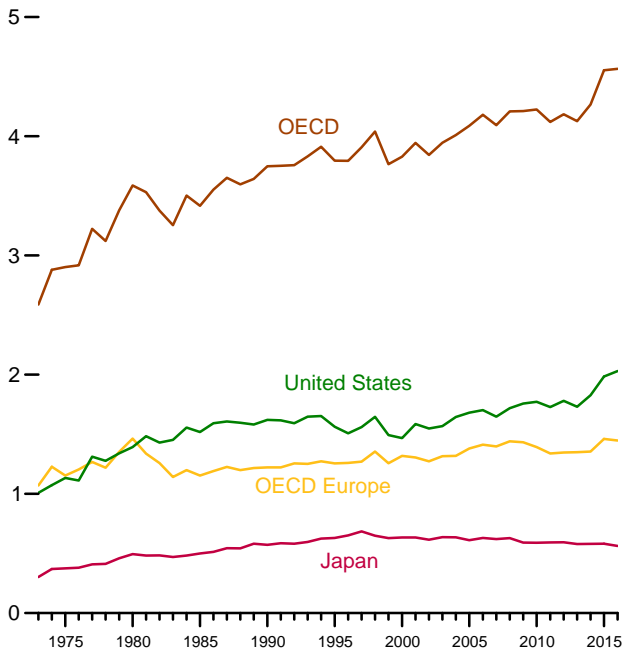
rounding. • U.S. geographic coverage is the 50 states and the District of Columbia.

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.

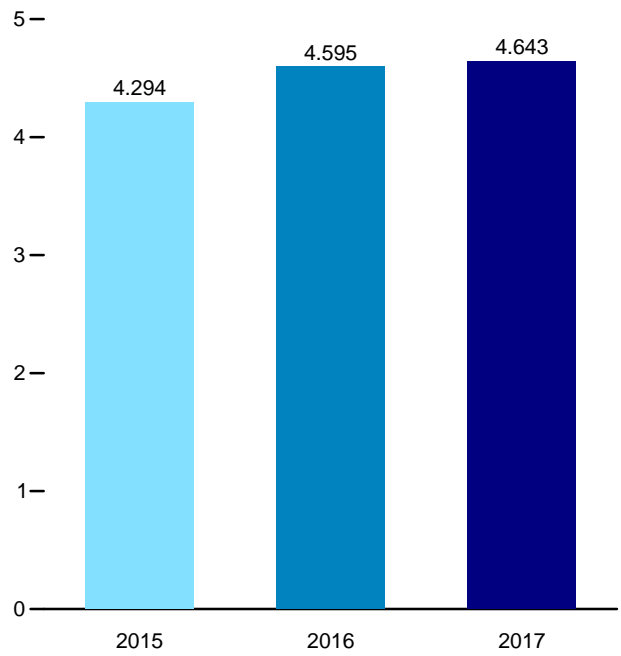
Sources: • **United States:** Table 3.1. • **Chile, East Germany, Former Czechoslovakia, Hungary, Mexico, Poland, South Korea, Non-OECD Countries, U.S. Territories, and World: 1973–1979—U.S. Energy Information Administration (EIA), International Energy Database.** • **Countries Other Than United States: 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)

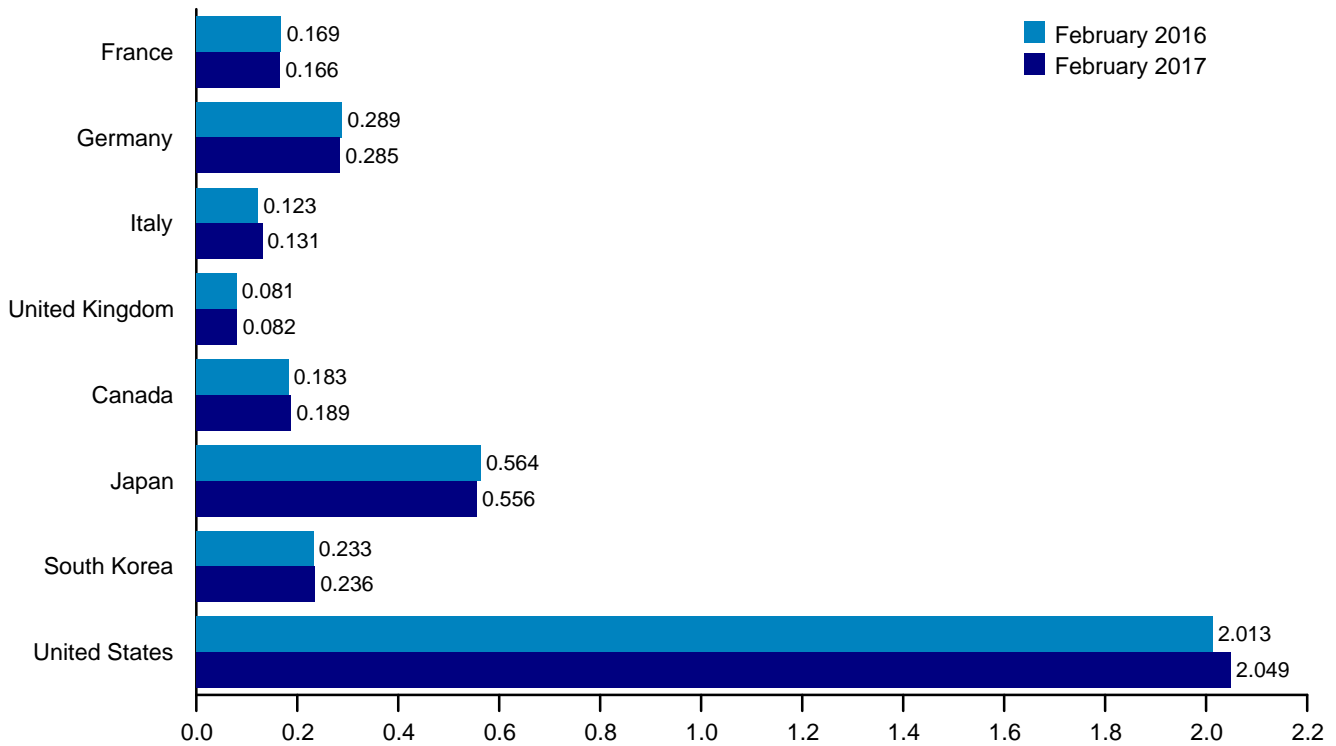
Overview, End of Year, 1973–2016



OECD Stocks, End of Month, February



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	1,256	132	631	92	1,563	122	3,795
1996 Year .....	154	303	152	103	1,259	127	651	123	1,507	127	3,794
1997 Year .....	161	299	147	100	1,271	144	685	124	1,560	123	3,907
1998 Year .....	169	323	153	104	1,355	139	649	129	1,647	120	4,039
1999 Year .....	160	290	148	101	1,258	141	629	132	1,493	114	3,766
2000 Year .....	170	272	157	100	1,318	143	634	140	1,468	126	3,829
2001 Year .....	165	273	151	113	1,306	154	634	143	1,586	120	3,944
2002 Year .....	170	253	156	104	1,273	155	615	140	1,548	112	3,843
2003 Year .....	179	273	153	100	1,316	165	636	155	1,568	105	3,945
2004 Year .....	177	267	154	101	1,319	154	635	149	1,645	108	4,010
2005 Year .....	185	283	151	95	1,380	168	612	135	1,682	112	4,088
2006 Year .....	182	283	153	103	1,413	169	631	152	1,703	113	4,180
2007 Year .....	180	275	152	92	1,398	163	621	143	1,648	121	4,094
2008 Year .....	179	279	148	93	1,441	162	629	135	1,719	124	4,209
2009 Year .....	175	284	146	89	1,432	157	591	155	1,758	118	4,212
2010 Year .....	168	287	143	83	1,393	184	590	165	1,773	119	4,224
2011 Year .....	165	281	135	80	1,338	178	592	167	1,728	117	4,120
2012 Year .....	162	288	126	80	1,347	174	594	181	1,780	107	4,184
2013 Year .....	167	290	125	78	1,350	170	580	185	1,732	111	4,127
2014 Year .....	168	284	119	78	1,355	193	581	197	1,827	114	4,267
<b>2015</b> January .....	170	284	116	73	1,371	192	574	197	1,850	114	4,298
February .....	170	286	113	75	1,383	184	568	198	1,850	112	4,294
March .....	173	284	121	76	1,407	183	568	201	1,883	110	4,352
April .....	170	284	124	85	1,411	185	558	210	1,909	110	4,382
May .....	175	288	122	78	1,419	181	582	224	1,931	107	4,444
June .....	170	286	117	77	1,409	176	578	225	1,941	113	4,442
July .....	168	281	116	74	1,401	184	589	223	1,939	113	4,449
August .....	167	283	123	77	1,429	185	594	227	1,962	110	4,508
September .....	167	281	117	79	1,432	182	590	226	1,971	110	4,512
October .....	165	280	118	80	1,436	183	588	223	1,979	106	4,514
November .....	164	281	117	83	1,446	187	582	222	1,992	104	4,533
December .....	168	285	117	81	1,461	188	582	228	1,985	109	4,553
<b>2016</b> January .....	171	287	120	83	1,486	187	580	219	2,009	<sup>R</sup> 112	<sup>R</sup> 4,594
February .....	169	289	123	81	1,493	183	564	233	2,013	<sup>R</sup> 110	<sup>R</sup> 4,595
March .....	166	289	120	77	1,478	184	560	236	2,021	<sup>R</sup> 111	<sup>R</sup> 4,590
April .....	171	<sup>R</sup> 286	126	77	1,479	180	566	230	2,032	<sup>R</sup> 113	<sup>R</sup> 4,600
May .....	167	<sup>R</sup> 289	123	81	1,487	169	574	235	2,048	<sup>R</sup> 115	<sup>R</sup> 4,626
June .....	167	288	121	82	<sup>R</sup> 1,478	175	573	238	2,047	<sup>R</sup> 117	<sup>R</sup> 4,628
July .....	169	290	125	75	1,498	186	577	238	2,062	<sup>R</sup> 119	<sup>R</sup> 4,679
August .....	167	<sup>R</sup> 287	130	80	1,484	186	585	233	2,063	<sup>R</sup> 114	<sup>R</sup> 4,665
September .....	167	<sup>R</sup> 285	127	78	<sup>R</sup> 1,467	185	587	239	2,048	<sup>R</sup> 113	<sup>R</sup> 4,638
October .....	163	<sup>R</sup> 287	128	77	1,449	190	587	238	2,050	<sup>R</sup> 111	<sup>R</sup> 4,625
November .....	166	283	126	80	1,454	190	573	238	2,054	<sup>R</sup> 104	<sup>R</sup> 4,613
December .....	162	285	124	82	1,448	183	562	230	2,031	<sup>R</sup> 111	<sup>R</sup> 4,566
<b>2017</b> January .....	166	286	129	82	<sup>R</sup> 1,501	<sup>R</sup> 185	562	238	2,053	<sup>R</sup> 112	<sup>R</sup> 4,650
February .....	166	285	131	82	1,505	189	556	236	2,049	108	4,643

<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; and, for 2000 forward, Chile, Estonia, and Israel.

<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 plant 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, May 16, 2017.

# 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, May 2017.

### 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, May 2017.