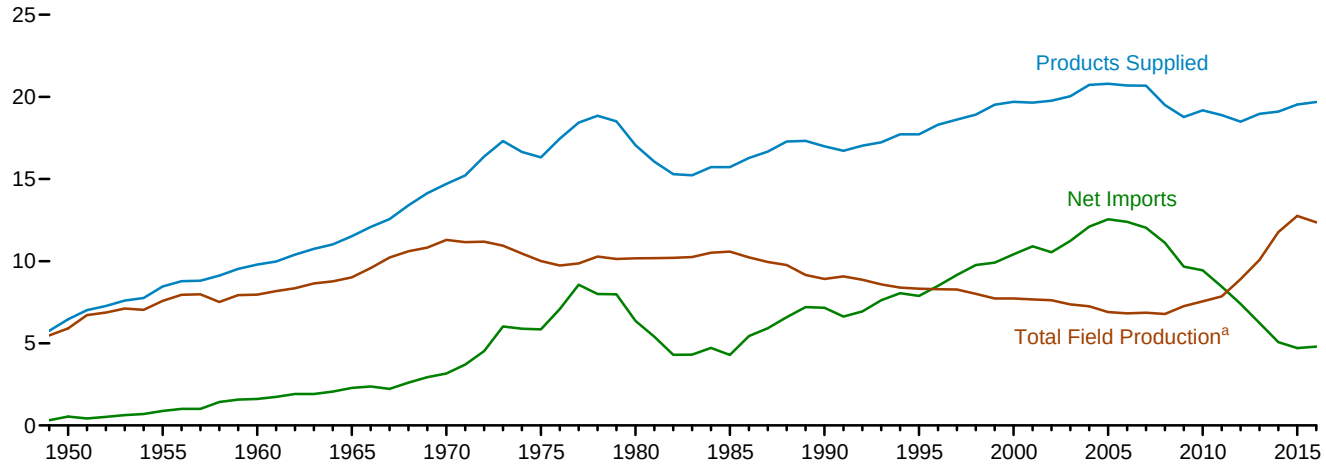
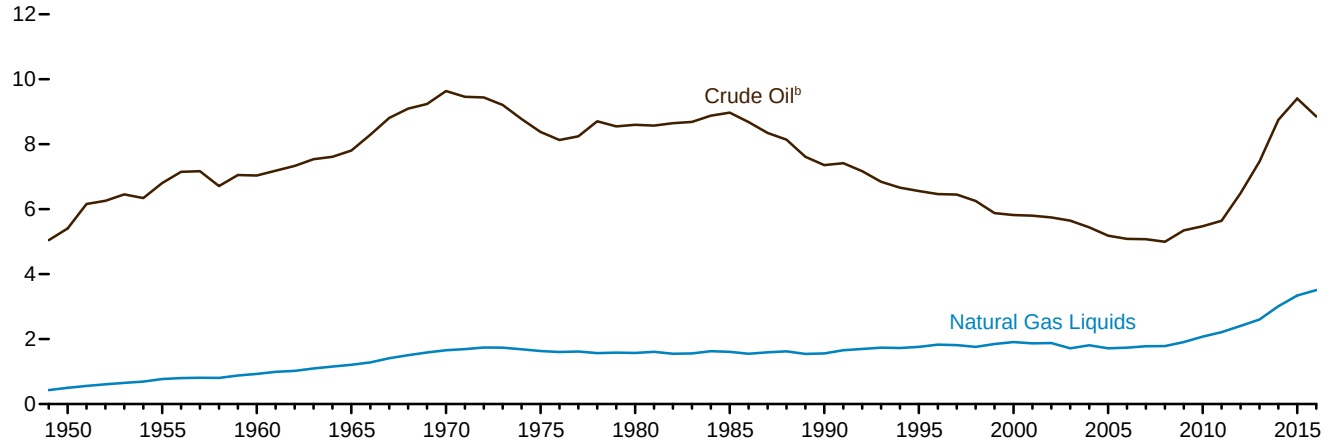
3. Petroleum

Figure 3.1 Petroleum Overview
(Million Barrels per Day)

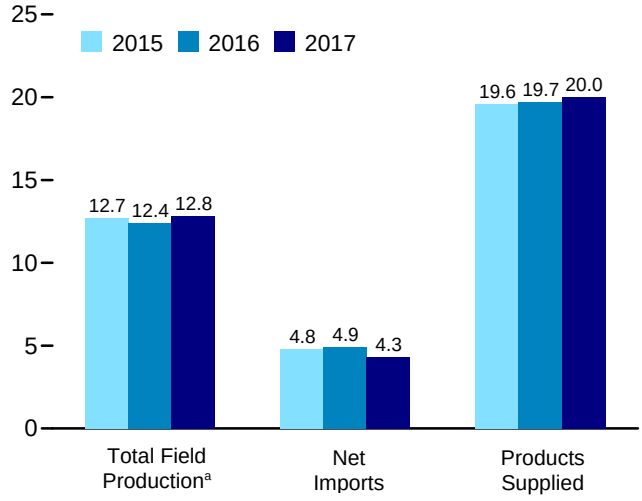
Overview, 1949–2016



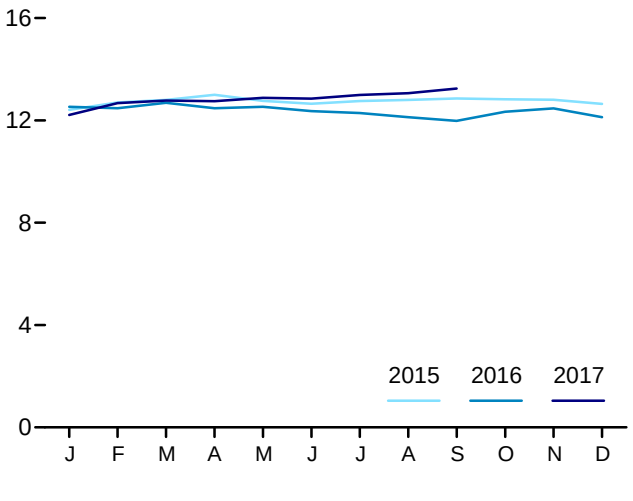
Crude Oil and Natural Gas Liquids Field Production, 1949–2016



Overview, January–September



Total Field Production,[a] Monthly



[a] Crude oil, including lease condensate, and natural gas liquids field production.
[b] Includes lease condensate.

Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Source: Table 3.1.

Table 3.1 Petroleum Overview

(Thousand Barrels per Day)

	Field Production[a]					Renewable Fuels and Oxygenates[e]	Processing Gain[f]	Trade			Stock Change[i]	Adjustments[c,j]	Petroleum Products Supplied
	Crude Oil[b,c]			Natural Gas Liquids	Total[c]			Imports[g]	Exports	Net Imports[h]			
	48 States[d]	Alaska	Total										
1950 Average	**5,407**	**0**	**5,407**	**499**	**5,906**	**NA**	**2**	**850**	**305**	**545**	**-56**	**-51**	**6,458**
1955 Average	**6,807**	**0**	**6,807**	**771**	**7,578**	**NA**	**34**	**1,248**	**368**	**880**	**(s)**	**-37**	**8,455**
1960 Average	**7,034**	**2**	**7,035**	**929**	**7,965**	**NA**	**146**	**1,815**	**202**	**1,613**	**-83**	**-8**	**9,797**
1965 Average	**7,774**	**30**	**7,804**	**1,210**	**9,014**	**NA**	**220**	**2,468**	**187**	**2,281**	**-8**	**-10**	**11,512**
1970 Average	**9,408**	**229**	**9,637**	**1,660**	**11,297**	**NA**	**359**	**3,419**	**259**	**3,161**	**103**	**-16**	**14,697**
1975 Average	**8,183**	**191**	**8,375**	**1,633**	**10,007**	**NA**	**460**	**6,056**	**209**	**5,846**	**32**	**41**	**16,322**
1980 Average	**6,980**	**1,617**	**8,597**	**1,573**	**10,170**	**NA**	**597**	**6,909**	**544**	**6,365**	**140**	**64**	**17,056**
1985 Average	**7,146**	**1,825**	**8,971**	**1,609**	**10,581**	**NA**	**557**	**5,067**	**781**	**4,286**	**-103**	**200**	**15,726**
1990 Average	**5,582**	**1,773**	**7,355**	**1,559**	**8,914**	**NA**	**683**	**8,018**	**857**	**7,161**	**107**	**338**	**16,988**
1995 Average	**5,076**	**1,484**	**6,560**	**1,762**	**8,322**	**NA**	**774**	**8,835**	**949**	**7,886**	**-246**	**496**	**17,725**
2000 Average	**4,851**	**970**	**5,822**	**1,911**	**7,733**	**NA**	**948**	**11,459**	**1,040**	**10,419**	**-69**	**532**	**19,701**
2001 Average	**4,839**	**963**	**5,801**	**1,868**	**7,670**	**NA**	**903**	**11,871**	**971**	**10,900**	**325**	**501**	**19,649**
2002 Average	**4,759**	**985**	**5,744**	**1,880**	**7,624**	**NA**	**957**	**11,530**	**984**	**10,546**	**-105**	**529**	**19,761**
2003 Average	**4,675**	**974**	**5,649**	**1,719**	**7,369**	**NA**	**974**	**12,264**	**1,027**	**11,238**	**56**	**509**	**20,034**
2004 Average	**4,533**	**908**	**5,441**	**1,809**	**7,250**	**NA**	**1,051**	**13,145**	**1,048**	**12,097**	**209**	**542**	**20,731**
2005 Average	**4,320**	**864**	**5,184**	**1,717**	**6,901**	**NA**	**989**	**13,714**	**1,165**	**12,549**	**[k] 146**	**509**	**20,802**
2006 Average	**4,345**	**741**	**5,086**	**1,739**	**6,825**	**NA**	**994**	**13,707**	**1,317**	**12,390**	**59**	**537**	**20,687**
2007 Average	**4,352**	**722**	**5,074**	**1,783**	**6,857**	**NA**	**996**	**13,468**	**1,433**	**12,036**	**-152**	**640**	**20,680**
2008 Average	**4,315**	**683**	**4,998**	**1,784**	**6,781**	**NA**	**993**	**12,915**	**1,802**	**11,114**	**195**	**805**	**19,498**
2009 Average	**4,703**	**645**	**5,349**	**1,910**	**7,259**	**746**	**979**	**11,691**	**2,024**	**9,667**	**107**	**229**	**18,771**
2010 Average	**4,875**	**600**	**5,475**	**2,074**	**7,549**	**907**	**1,068**	**11,793**	**2,353**	**9,441**	**39**	**256**	**19,180**
2011 Average	**5,082**	**561**	**5,643**	**2,216**	**7,859**	**1,016**	**1,076**	**11,436**	**2,986**	**8,450**	**-129**	**356**	**18,887**
2012 Average	**5,971**	**526**	**6,497**	**2,408**	**8,905**	**964**	**1,059**	**10,598**	**3,205**	**7,393**	**147**	**313**	**18,487**
2013 Average	**6,951**	**515**	**7,466**	**2,606**	**10,072**	**1,002**	**1,087**	**9,859**	**3,621**	**6,237**	**-139**	**430**	**18,967**
2014 Average	**8,257**	**496**	**8,753**	**3,015**	**11,768**	**1,055**	**1,081**	**9,241**	**4,176**	**5,065**	**267**	**399**	**19,100**
2015 January	8,858	500	9,358	3,055	12,413	1,055	1,075	9,461	4,575	4,886	709	541	19,261
February	9,049	488	9,537	3,162	12,699	1,048	1,021	9,272	4,640	4,632	15	279	19,664
March	9,055	506	9,561	3,237	12,798	1,052	1,013	9,619	4,092	5,527	1,072	21	19,340
April	9,116	510	9,626	3,375	13,002	1,065	1,068	9,374	4,938	4,436	868	548	19,251
May	8,955	473	9,428	3,337	12,764	1,107	1,083	9,502	4,853	4,649	689	401	19,316
June	8,883	447	9,329	3,319	12,648	1,148	1,028	9,605	4,657	4,948	338	420	19,853
July	8,952	450	9,402	3,355	12,757	1,124	1,092	9,571	4,960	4,611	-72	478	20,134
August	8,971	408	9,379	3,419	12,798	1,103	1,099	9,858	4,507	5,351	710	299	19,939
September	8,945	472	9,417	3,437	12,854	1,090	1,046	9,358	4,851	4,507	311	246	19,433
October	8,842	497	9,339	3,489	12,828	1,104	1,040	8,842	4,617	4,225	243	537	19,491
November	8,784	523	9,307	3,498	12,805	1,117	1,065	9,151	4,903	4,248	466	358	19,127
December	8,707	522	9,229	3,417	12,647	1,124	1,108	9,742	5,266	4,476	-232	2	19,589
Average	**8,925**	**483**	**9,408**	**3,342**	**12,751**	**1,095**	**1,062**	**9,449**	**4,738**	**4,711**	**429**	**344**	**19,534**
2016 January	[R] 8,671	516	[R] 9,186	3,345	[R] 12,531	1,109	1,117	9,707	4,977	4,730	1,020	[R] 597	19,063
February	[R] 8,600	507	[R] 9,107	3,369	[R] 12,476	1,128	1,070	10,066	4,934	5,132	148	[R] 188	19,847
March	[R] 8,623	511	[R] 9,134	3,556	[R] 12,690	1,146	1,049	10,001	5,092	4,910	206	[R] 140	19,728
April	[R] 8,418	489	[R] 8,906	3,570	[R] 12,477	1,094	1,095	9,822	5,195	4,627	361	[R] 409	19,340
May	[R] 8,354	505	[R] 8,859	3,672	[R] 12,531	1,146	1,160	10,181	5,739	4,441	495	[R] 545	19,328
June	[R] 8,233	470	[R] 8,703	3,662	[R] 12,365	1,180	1,114	10,054	5,437	4,617	-36	[R] 534	19,846
July	[R] 8,243	438	[R] 8,682	3,604	[R] 12,285	1,180	1,190	10,532	5,226	5,306	550	[R] 364	19,776
August	[R] 8,257	459	[R] 8,716	3,410	[R] 12,127	1,190	1,149	10,322	5,097	5,226	-5	[R] 579	20,275
September	[R] 8,101	452	[R] 8,553	3,427	[R] 11,981	1,167	1,122	10,199	5,439	4,760	-504	[R] 222	19,757
October	[R] 8,296	495	[R] 8,791	3,544	[R] 12,335	1,153	1,089	9,699	4,985	4,715	58	[R] 416	19,650
November	[R] 8,363	513	[R] 8,876	3,596	[R] 12,472	1,195	1,113	10,293	5,426	4,867	107	[R] 120	19,659
December	8,252	519	8,771	3,352	12,123	1,212	1,143	9,792	5,574	4,219	-860	428	19,984
Average	**[R] 8,367**	**490**	**[R] 8,857**	**3,509**	**[R] 12,366**	**1,158**	**1,118**	**10,055**	**5,261**	**4,795**	**130**	**[R] 380**	**19,687**
2017 January	[E] 8,335	[E] 516	[E] 8,851	3,365	[E] 12,215	1,177	1,125	10,685	5,691	4,994	698	431	19,244
February	[E] 8,557	[E] 513	[E] 9,070	3,604	[E] 12,675	1,164	1,045	10,039	6,443	3,597	-94	585	19,159
March	[E] 8,605	[E] 526	[E] 9,131	3,644	[E] 12,775	1,172	1,108	10,059	5,886	4,174	-556	262	20,047
April	[RE] 8,595	[E] 525	[RE] 9,120	3,633	[RE] 12,753	1,138	1,128	10,244	6,066	4,178	1	[R] 361	19,556
May	[RE] 8,654	[E] 508	[RE] 9,161	3,721	[RE] 12,882	1,174	1,125	10,628	6,142	4,486	152	[R] 524	20,039
June	[E] 8,634	[E] 463	[E] 9,097	3,752	[RE] 12,848	1,186	1,151	10,240	6,148	4,092	-824	393	20,494
July	[RE] 8,815	[E] 423	[RE] 9,238	[R] 3,755	[RE] 12,993	[R] 1,188	[R] 1,091	[R] 9,850	[R] 6,232	[R] 3,618	[R] -364	[R] 766	[R] 20,020
August	[E] 8,894	[E] 450	[E] 9,344	[E] 3,721	[E] 13,065	[E] 1,085	[E] 1,154	[E] 10,112	[E] 4,665	[E] 5,447	[RE] -112	[RE] 8	[E] 20,870
September	[E] 9,009	[E] 483	[E] 9,492	[E] 3,752	[E] 13,244	[E] 1,078	[E] 1,054	[E] 9,513	[E] 5,590	[E] 3,923	[E] -731	[E] 178	[E] 20,208
9-Month Average	**[E] 8,678**	**[E] 489**	**[E] 9,167**	**[E] 3,661**	**[E] 12,828**	**[E] 1,151**	**[E] 1,110**	**[E] 10,155**	**[E] 5,867**	**[E] 4,288**	**[E] -201**	**[E] 389**	**[E] 19,967**
2016 9-Month Average	**8,389**	**483**	**8,872**	**3,513**	**12,385**	**1,149**	**1,119**	**10,099**	**5,238**	**4,861**	**253**	**399**	**19,661**
2015 9-Month Average	**8,975**	**472**	**9,448**	**3,300**	**12,748**	**1,088**	**1,059**	**9,517**	**4,674**	**4,843**	**521**	**360**	**19,577**

[a] Crude oil production on leases, and natural gas liquids (hydrocarbon gas liquids and a small amount of finished petroleum products) production at natural gas processing plants. Excludes what was previously classified as "Field Production" of finished motor gasoline, motor gasoline blending components, and other hydrocarbons and oxygenates; these are now included in "Adjustments."

[b] Includes lease condensate.

[c] Once a month, data for crude oil production, total field production, and adjustments are revised going back as far as the data year of the U.S. Energy Information Administration's (EIA) last published *Petroleum Supply Annual (PSA)*—these revisions are released at the same time as EIA's *Petroleum Supply Monthly.* Once a year, data for these series are revised going back as far as 10 years—these revisions are released at the same time as the PSA.

[d] United States excluding Alaska and Hawaii.

[e] Renewable fuels and oxygenate plant net production.

[f] Refinery and blender net production minus refinery and blender net inputs. See Table 3.2.

[g] Includes Strategic Petroleum Reserve imports. See Table 3.3b.

[h] Net imports equal imports minus exports.

[i] A negative value indicates a decrease in stocks and a positive value indicates an increase. The current month stock change estimate is based on the change from the previous month's estimate, rather than the stocks values shown in Table 3.4. Includes crude oil stocks in the Strategic Petroleum Reserve, but excludes distillate fuel oil stocks in the Northeast Home Heating Oil Reserve. See Table 3.4.

[j] An adjustment for crude oil, hydrogen, oxygenates, renewable fuels, other hydrocarbons, motor gasoline blending components, finished motor gasoline, and distillate fuel oil. See EIA's *Petroleum Supply Monthly,* Appendix B, "PSM Explanatory Notes," for further information.

[k] Derived from the 2004 petroleum stocks value that excludes crude oil stocks on leases (1,628 million barrels), not the 2004 petroleum stocks value that includes crude oil stocks on leases (1,645 million barrels).

R=Revised. E=Estimate. NA=Not available. (s)=Less than 500 barrels per day and greater than -500 barrels per day.

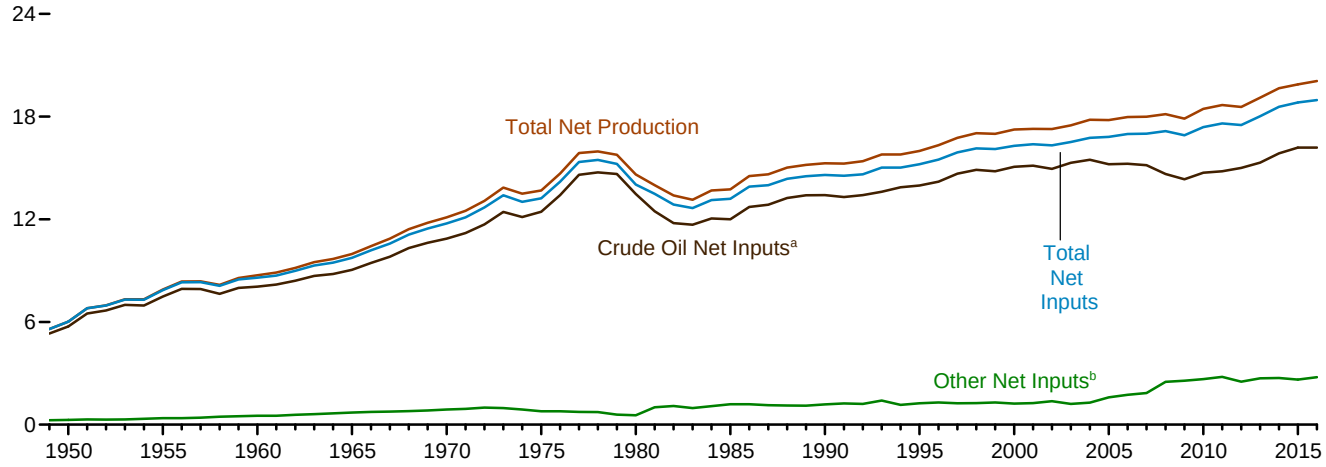
Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

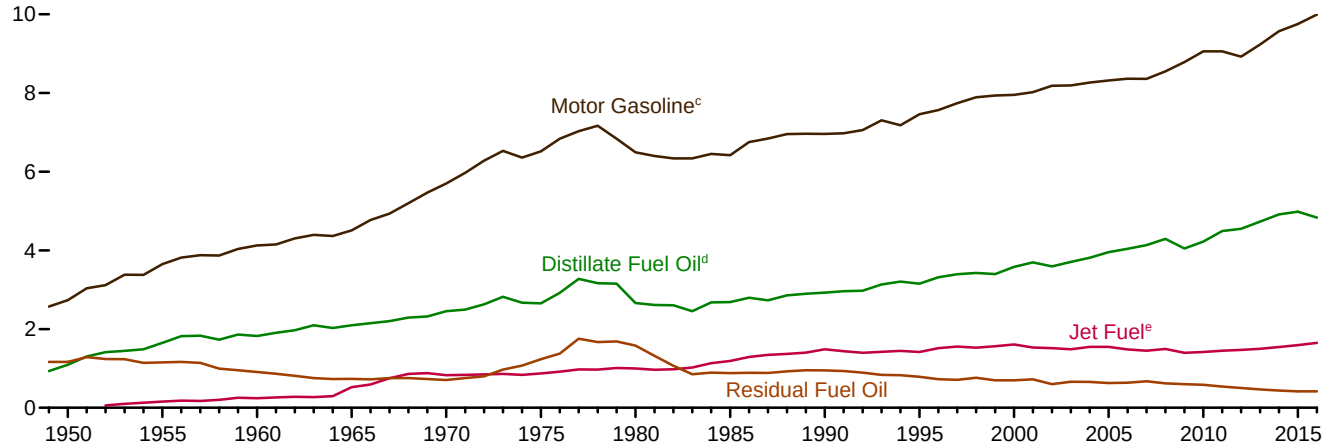
Sources: See end of section.

Figure 3.2 Refinery and Blender Net Inputs and Net Production
(Million Barrels per Day)

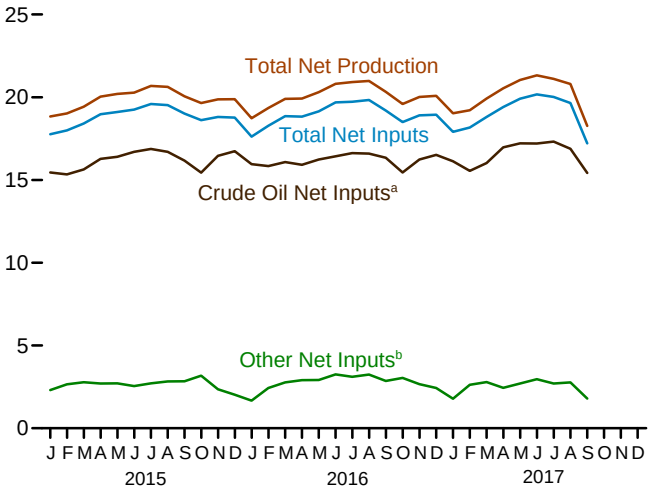
Net Inputs and Net Production, 1949–2016



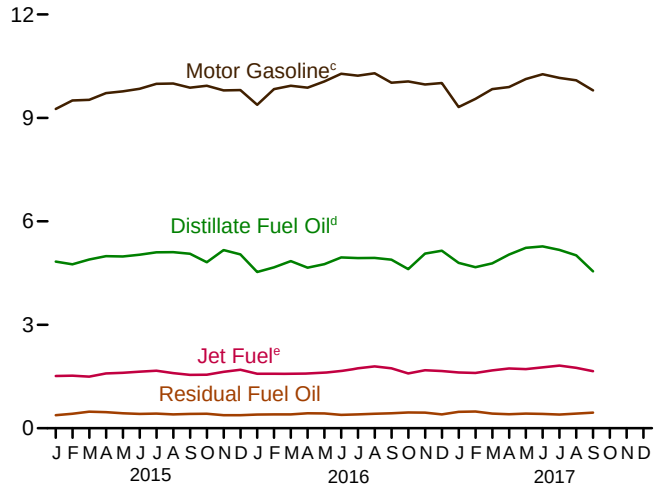
Net Production, Selected Products, 1949–2016



Net Inputs and Net Production, Monthly



Net Production, Selected Products, Monthly



[a] Includes lease condensate.
[b] Natural gas liquids and other liquids.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[d] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.
[e] Beginning in 2005, includes kerosene-type jet fuel only.
Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Source: Table 3.2.

Table 3.2 Refinery and Blender Net Inputs and Net Production

(Thousand Barrels per Day)

	Refinery and Blender Net Inputs[a]				Refinery and Blender Net Production[b]							
						HGL[c]						
	Crude Oil[d]	Natural Gas Liquids[e]	Other Liquids[f]	Total	Distillate Fuel Oil[g]	Propane[h]	Total[i]	Jet Fuel[j]	Motor Gasoline[k]	Residual Fuel Oil	Other Products[l]	Total
1950 Average	**5,739**	**259**	**19**	**6,018**	**1,093**	**NA**	**80**	**(j)**	**2,735**	**1,165**	**947**	**6,019**
1955 Average	**7,480**	**345**	**32**	**7,857**	**1,651**	**NA**	**119**	**155**	**3,648**	**1,152**	**1,166**	**7,891**
1960 Average	**8,067**	**455**	**61**	**8,583**	**1,823**	**NA**	**212**	**241**	**4,126**	**908**	**1,420**	**8,729**
1965 Average	**9,043**	**618**	**88**	**9,750**	**2,096**	**NA**	**293**	**523**	**4,507**	**736**	**1,814**	**9,970**
1970 Average	**10,870**	**763**	**121**	**11,754**	**2,454**	**239**	**345**	**827**	**5,699**	**706**	**2,082**	**12,113**
1975 Average	**12,442**	**710**	**72**	**13,225**	**2,653**	**238**	**311**	**871**	**6,518**	**1,235**	**2,097**	**13,685**
1980 Average	**13,481**	**462**	**81**	**14,025**	**2,661**	**273**	**330**	**999**	**6,492**	**1,580**	**2,559**	**14,622**
1985 Average	**12,002**	**509**	**681**	**13,192**	**2,686**	**295**	**391**	**1,189**	**6,419**	**882**	**2,183**	**13,750**
1990 Average	**13,409**	**467**	**713**	**14,589**	**2,925**	**404**	**499**	**1,488**	**6,959**	**950**	**2,452**	**15,272**
1995 Average	**13,973**	**471**	**775**	**15,220**	**3,155**	**503**	**654**	**1,416**	**7,459**	**788**	**2,522**	**15,994**
2000 Average	**15,067**	**380**	**849**	**16,295**	**3,580**	**583**	**705**	**1,606**	**7,951**	**696**	**2,705**	**17,243**
2001 Average	**15,128**	**429**	**825**	**16,382**	**3,695**	**556**	**667**	**1,530**	**8,022**	**721**	**2,651**	**17,285**
2002 Average	**14,947**	**429**	**941**	**16,316**	**3,592**	**572**	**671**	**1,514**	**8,183**	**601**	**2,712**	**17,273**
2003 Average	**15,304**	**419**	**791**	**16,513**	**3,707**	**570**	**658**	**1,488**	**8,194**	**660**	**2,780**	**17,487**
2004 Average	**15,475**	**422**	**866**	**16,762**	**3,814**	**584**	**645**	**1,547**	**8,265**	**655**	**2,887**	**17,814**
2005 Average	**15,220**	**441**	**1,149**	**16,811**	**3,954**	**540**	**573**	**1,546**	**8,318**	**628**	**2,782**	**17,800**
2006 Average	**15,242**	**501**	**1,238**	**16,981**	**4,040**	**543**	**627**	**1,481**	**8,364**	**635**	**2,827**	**17,975**
2007 Average	**15,156**	**505**	**1,337**	**16,999**	**4,133**	**562**	**655**	**1,448**	**8,358**	**673**	**2,728**	**17,994**
2008 Average	**14,648**	**485**	**2,019**	**17,153**	**4,294**	**519**	**630**	**1,493**	**8,548**	**620**	**2,561**	**18,146**
2009 Average	**14,336**	**485**	**2,082**	**16,904**	**4,048**	**537**	**623**	**1,396**	**8,786**	**598**	**2,431**	**17,882**
2010 Average	**14,724**	**442**	**2,219**	**17,385**	**4,223**	**560**	**659**	**1,418**	**9,059**	**585**	**2,509**	**18,452**
2011 Average	**14,806**	**490**	**2,300**	**17,596**	**4,492**	**552**	**619**	**1,449**	**9,058**	**537**	**2,518**	**18,673**
2012 Average	**14,999**	**509**	**1,997**	**17,505**	**4,550**	**553**	**630**	**1,471**	**8,926**	**501**	**2,487**	**18,564**
2013 Average	**15,312**	**496**	**2,211**	**18,019**	**4,733**	**564**	**623**	**1,499**	**9,234**	**467**	**2,550**	**19,106**
2014 Average	**15,848**	**511**	**2,214**	**18,574**	**4,916**	**587**	**653**	**1,541**	**9,570**	**435**	**2,537**	**19,654**
2015 January	15,456	589	1,721	17,766	4,835	561	392	1,513	9,260	377	2,464	18,841
February	15,342	545	2,112	17,998	4,752	529	401	1,525	9,504	420	2,418	19,019
March	15,640	494	2,281	18,415	4,894	536	610	1,498	9,524	478	2,424	19,428
April	16,273	406	2,292	18,971	4,991	589	815	1,591	9,720	467	2,455	20,039
May	16,402	394	2,317	19,112	4,983	582	885	1,608	9,771	436	2,513	20,195
June	16,701	418	2,131	19,250	5,032	569	864	1,640	9,846	413	2,483	20,278
July	16,879	432	2,280	19,591	5,101	580	853	1,670	9,989	426	2,644	20,683
August	16,700	449	2,377	19,526	5,107	574	839	1,600	9,998	404	2,677	20,625
September	16,168	546	2,294	19,008	5,061	529	583	1,547	9,878	414	2,572	20,054
October	15,440	600	2,573	18,613	4,817	520	442	1,554	9,935	419	2,487	19,653
November	16,458	683	1,669	18,810	5,169	559	343	1,634	9,799	377	2,554	19,875
December	16,742	649	1,377	18,768	5,042	578	333	1,698	9,806	376	2,621	19,876
Average	**16,188**	**517**	**2,119**	**18,824**	**4,983**	**559**	**615**	**1,590**	**9,754**	**417**	**2,527**	**19,886**
2016 January	15,951	672	994	17,618	4,530	589	354	1,581	9,378	395	2,495	18,735
February	15,843	569	1,864	18,276	4,668	574	426	1,578	9,834	403	2,437	19,346
March	16,082	487	2,284	18,854	4,848	595	666	1,575	9,932	400	2,483	19,903
April	15,920	452	2,451	18,823	4,659	597	829	1,592	9,876	435	2,527	19,919
May	16,237	420	2,493	19,150	4,760	613	897	1,606	10,058	427	2,561	20,310
June	16,433	432	2,825	19,690	4,954	598	888	1,662	10,280	389	2,632	20,804
July	16,621	425	2,680	19,726	4,933	590	873	1,737	10,224	401	2,749	20,916
August	16,593	427	2,813	19,833	4,939	576	838	1,796	10,293	420	2,696	20,981
September	16,340	547	2,312	19,199	4,888	575	645	1,738	10,020	436	2,594	20,321
October	15,454	633	2,411	18,498	4,614	556	476	1,591	10,059	455	2,392	19,587
November	16,235	699	1,967	18,901	5,066	589	349	1,680	9,969	450	2,499	20,013
December	16,516	674	1,755	18,945	5,148	595	330	1,661	10,013	401	2,535	20,088
Average	**16,187**	**536**	**2,238**	**18,961**	**4,834**	**587**	**632**	**1,650**	**9,995**	**418**	**2,550**	**20,079**
2017 January	16,129	650	1,131	17,910	4,797	564	353	1,615	9,316	473	2,479	19,035
February	15,546	586	2,034	18,167	4,672	543	412	1,604	9,552	484	2,487	19,212
March	16,028	518	2,266	18,813	4,781	586	679	1,677	9,834	427	2,524	19,921
April	16,970	477	1,963	19,411	5,036	601	857	1,734	9,897	405	2,610	20,538
May	17,212	484	2,216	19,911	5,230	622	908	1,713	10,126	423	2,637	21,036
June	17,205	473	2,492	20,170	5,275	615	915	1,764	10,269	415	2,684	21,321
July	R 17,318	446	R 2,257	R 20,021	R 5,171	R 607	R 877	R 1,816	R 10,159	R 396	R 2,691	R 21,111
August	E 16,880	F 432	RE 2,333	RF 19,645	E 5,013	RE 566	RF 851	E 1,750	E 10,090	E 424	RE 2,671	RE 20,799
September	E 15,423	F 509	E 1,283	F 17,215	E 4,551	E 525	F 561	E 1,655	E 9,797	E 451	E 1,254	E 18,269
9-Month Average	**E 16,534**	**E 508**	**E 1,998**	**E 19,040**	**E 4,950**	**E 581**	**E 715**	**E 1,704**	**E 9,896**	**E 433**	**E 2,451**	**E 20,149**
2016 9-Month Average	**16,227**	**492**	**2,303**	**19,022**	**4,798**	**590**	**714**	**1,652**	**9,989**	**412**	**2,576**	**20,141**
2015 9-Month Average	**16,180**	**474**	**2,201**	**18,856**	**4,975**	**561**	**696**	**1,577**	**9,722**	**426**	**2,518**	**19,914**

[a] See "Refinery and Blender Net Inputs" in Glossary.
[b] See "Refinery and Blender Net Production" in Glossary.
[c] Hydrocarbon gas liquids.
[d] Includes lease condensate.
[e] Ethane, propane, normal butane, isobutane, and natural gasoline (pentanes plus).
[f] Unfinished oils (net), other hydrocarbons, and hydrogen. Beginning in 1981, also includes aviation and motor gasoline blending components (net). Beginning in 1993, also includes oxygenates (net), including fuel ethanol. Beginning in 2009, also includes renewable diesel fuel (including biodiesel).
[g] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.
[h] Propane and propylene. Through 1983, also includes 40% of "Butane-Propane Mixtures."
[i] Ethane, propane, normal butane, isobutane, and refinery olefins (ethylene, propylene, butylene, and isobutylene).
[j] Beginning in 1965, includes kerosene-type jet fuel. (Through 1964, kerosene-type jet fuel is included with kerosene in "Other Products.") For 1952–2004, also includes naphtha-type jet fuel. (Through 1951, naphtha-type jet fuel is included in the products from which it was blended—gasoline, kerosene, and distillate fuel oil. Beginning in 2005, naphtha-type jet fuel is included in "Other Products.")
[k] Finished motor gasoline. Through 1963, also includes aviation gasoline and special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.
[l] Asphalt and road oil, kerosene, lubricants, petrochemical feedstocks, petroleum coke, still gas (refinery gas), waxes, and miscellaneous products. Through 1964, also includes kerosene-type jet fuel. Beginning in 1964, also includes finished aviation gasoline and special naphthas. Beginning in 2005, also includes naphtha-type jet fuel.

R=Revised. E=Estimate. F=Forecast. NA=Not available.

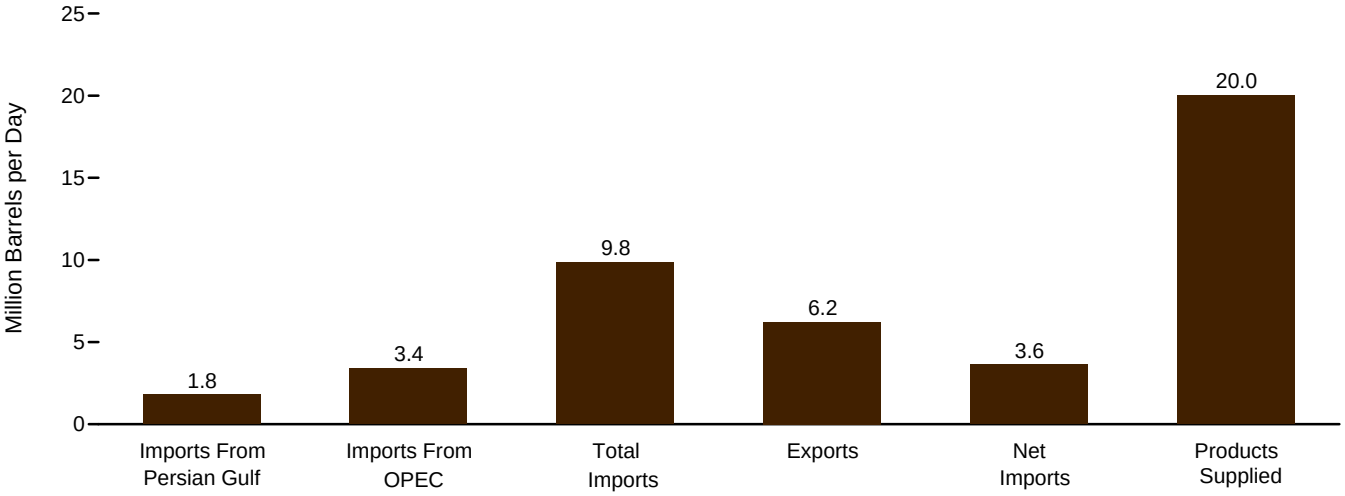
Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

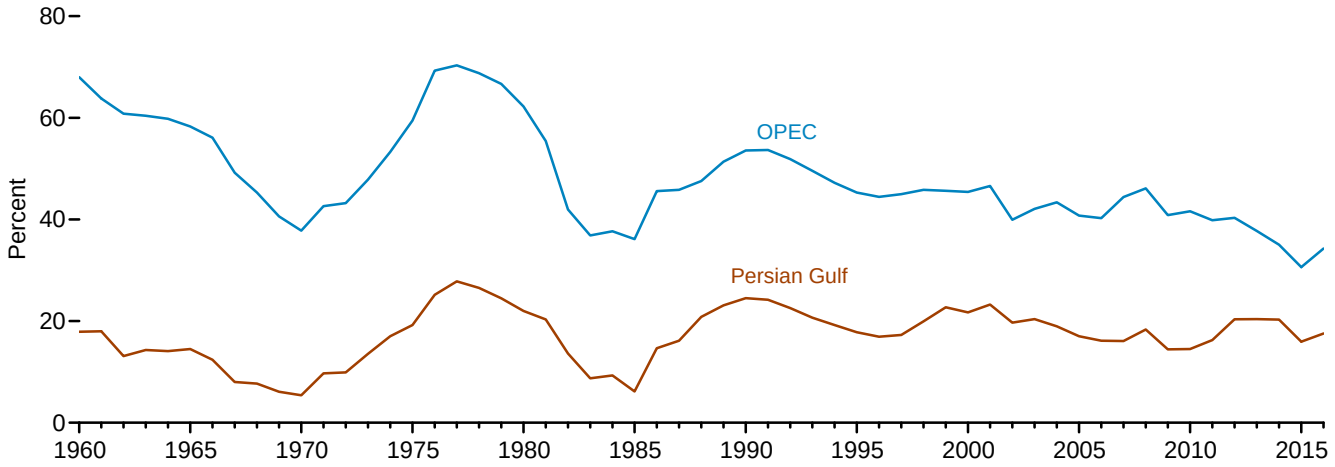
Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2016:** EIA, *Petroleum Supply Annual,* annual reports, and unpublished revisions. • **2017:** EIA, *Petroleum Supply Monthly,* monthly reports; and, for the current two months, *Weekly Petroleum Status Report* data system, Short-Term Integrated Forecasting System, and *Monthly Energy Review* data system calculations.

Figure 3.3a Petroleum Trade: Overview

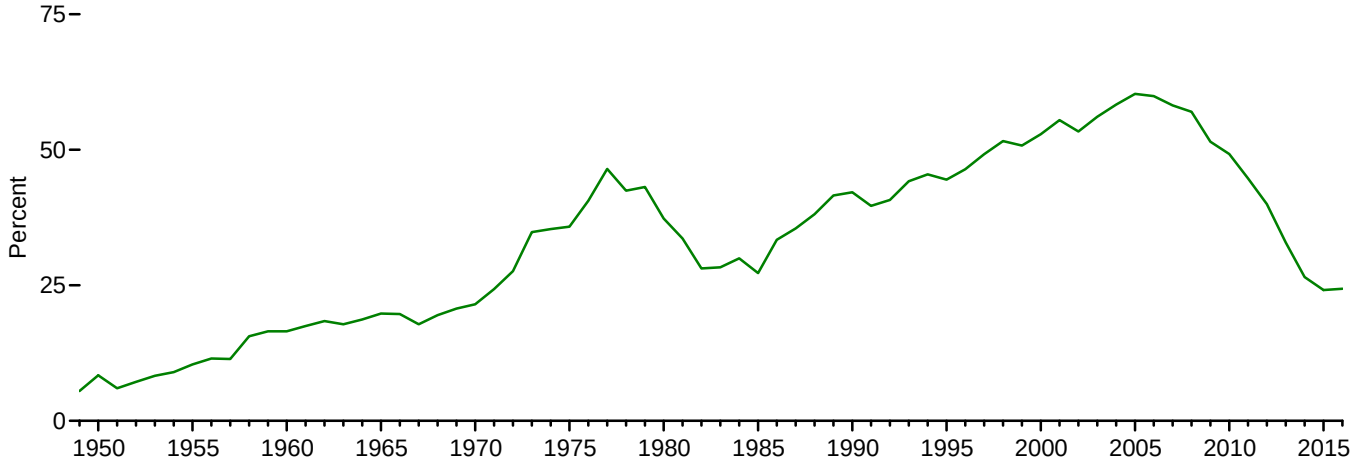
Overview, July 2017



Imports From OPEC and Persian Gulf as Share of Total Imports, 1960–2016



Net Imports as Share of Products Supplied, 1949–2016



Note: OPEC=Organization of the Petroleum Exporting Countries.
Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Source: Table 3.3a.

Table 3.3a Petroleum Trade: Overview

	Thousand Barrels per Day						Percent					
							As Share of Products Supplied				As Share of Total Imports	
	Imports From Persian Gulf[a]	Imports From OPEC[b]	Imports	Exports	Net Imports	Products Supplied	Imports From Persian Gulf[a]	Imports From OPEC[b]	Imports	Net Imports	Imports From Persian Gulf[a]	Imports From OPEC[b]
1950 Average	**NA**	**NA**	**850**	**305**	**545**	**6,458**	**NA**	**NA**	**13.2**	**8.4**	**NA**	**NA**
1955 Average	**NA**	**NA**	**1,248**	**368**	**880**	**8,455**	**NA**	**NA**	**14.8**	**10.4**	**NA**	**NA**
1960 Average	**326**	**1,233**	**1,815**	**202**	**1,613**	**9,797**	**3.3**	**12.6**	**18.5**	**16.5**	**17.9**	**68.0**
1965 Average	**359**	**1,439**	**2,468**	**187**	**2,281**	**11,512**	**3.1**	**12.5**	**21.4**	**19.8**	**14.5**	**58.3**
1970 Average	**184**	**1,294**	**3,419**	**259**	**3,161**	**14,697**	**1.3**	**8.8**	**23.3**	**21.5**	**5.4**	**37.8**
1975 Average	**1,165**	**3,601**	**6,056**	**209**	**5,846**	**16,322**	**7.1**	**22.1**	**37.1**	**35.8**	**19.2**	**59.5**
1980 Average	**1,519**	**4,300**	**6,909**	**544**	**6,365**	**17,056**	**8.9**	**25.2**	**40.5**	**37.3**	**22.0**	**62.2**
1985 Average	**311**	**1,830**	**5,067**	**781**	**4,286**	**15,726**	**2.0**	**11.6**	**32.2**	**27.3**	**6.1**	**36.1**
1990 Average	**1,966**	**4,296**	**8,018**	**857**	**7,161**	**16,988**	**11.6**	**25.3**	**47.2**	**42.2**	**24.5**	**53.6**
1995 Average	**1,573**	**4,002**	**8,835**	**949**	**7,886**	**17,725**	**8.9**	**22.6**	**49.8**	**44.5**	**17.8**	**45.3**
2000 Average	**2,488**	**5,203**	**11,459**	**1,040**	**10,419**	**19,701**	**12.6**	**26.4**	**58.2**	**52.9**	**21.7**	**45.4**
2001 Average	**2,761**	**5,528**	**11,871**	**971**	**10,900**	**19,649**	**14.1**	**28.1**	**60.4**	**55.5**	**23.3**	**46.6**
2002 Average	**2,269**	**4,605**	**11,530**	**984**	**10,546**	**19,761**	**11.5**	**23.3**	**58.3**	**53.4**	**19.7**	**39.9**
2003 Average	**2,501**	**5,162**	**12,264**	**1,027**	**11,238**	**20,034**	**12.5**	**25.8**	**61.2**	**56.1**	**20.4**	**42.1**
2004 Average	**2,493**	**5,701**	**13,145**	**1,048**	**12,097**	**20,731**	**12.0**	**27.5**	**63.4**	**58.4**	**19.0**	**43.4**
2005 Average	**2,334**	**5,587**	**13,714**	**1,165**	**12,549**	**20,802**	**11.2**	**26.9**	**65.9**	**60.3**	**17.0**	**40.7**
2006 Average	**2,211**	**5,517**	**13,707**	**1,317**	**12,390**	**20,687**	**10.7**	**26.7**	**66.3**	**59.9**	**16.1**	**40.2**
2007 Average	**2,163**	**5,980**	**13,468**	**1,433**	**12,036**	**20,680**	**10.5**	**28.9**	**65.1**	**58.2**	**16.1**	**44.4**
2008 Average	**2,370**	**5,954**	**12,915**	**1,802**	**11,114**	**19,498**	**12.2**	**30.5**	**66.2**	**57.0**	**18.4**	**46.1**
2009 Average	**1,689**	**4,776**	**11,691**	**2,024**	**9,667**	**18,771**	**9.0**	**25.4**	**62.3**	**51.5**	**14.4**	**40.9**
2010 Average	**1,711**	**4,906**	**11,793**	**2,353**	**9,441**	**19,180**	**8.9**	**25.6**	**61.5**	**49.2**	**14.5**	**41.6**
2011 Average	**1,861**	**4,555**	**11,436**	**2,986**	**8,450**	**18,887**	**9.9**	**24.1**	**60.6**	**44.7**	**16.3**	**39.8**
2012 Average	**2,156**	**4,271**	**10,598**	**3,205**	**7,393**	**18,487**	**11.7**	**23.1**	**57.3**	**40.0**	**20.3**	**40.3**
2013 Average	**2,009**	**3,720**	**9,859**	**3,621**	**6,237**	**18,967**	**10.6**	**19.6**	**52.0**	**32.9**	**20.4**	**37.7**
2014 Average	**1,875**	**3,237**	**9,241**	**4,176**	**5,065**	**19,100**	**9.8**	**16.9**	**48.4**	**26.5**	**20.3**	**35.0**
2015 January	1,334	2,538	9,461	4,575	4,886	19,261	6.9	13.2	49.1	25.4	14.1	26.8
February	1,433	2,794	9,272	4,640	4,632	19,664	7.3	14.2	47.2	23.6	15.5	30.1
March	1,466	2,801	9,619	4,092	5,527	19,340	7.6	14.5	49.7	28.6	15.2	29.1
April	1,532	2,734	9,374	4,938	4,436	19,251	8.0	14.2	48.7	23.0	16.3	29.2
May	1,724	3,133	9,502	4,853	4,649	19,316	8.9	16.2	49.2	24.1	18.1	33.0
June	1,617	2,869	9,605	4,657	4,948	19,853	8.1	14.4	48.4	24.9	16.8	29.9
July	1,479	2,911	9,571	4,960	4,611	20,134	7.3	14.5	47.5	22.9	15.5	30.4
August	1,247	2,750	9,858	4,507	5,351	19,939	6.3	13.8	49.4	26.8	12.7	27.9
September	1,290	2,854	9,358	4,851	4,507	19,433	6.6	14.7	48.2	23.2	13.8	30.5
October	1,519	2,899	8,842	4,617	4,225	19,491	7.8	14.9	45.4	21.7	17.2	32.8
November	1,662	3,169	9,151	4,903	4,248	19,127	8.7	16.6	47.8	22.2	18.2	34.6
December	1,773	3,274	9,742	5,266	4,476	19,589	9.1	16.7	49.7	22.9	18.2	33.6
Average	**1,507**	**2,894**	**9,449**	**4,738**	**4,711**	**19,534**	**7.7**	**14.8**	**48.4**	**24.1**	**15.9**	**30.6**
2016 January	1,520	3,054	9,707	4,977	4,730	19,063	8.0	16.0	50.9	24.8	15.7	31.5
February	1,592	3,230	10,066	4,934	5,132	19,847	8.0	16.3	50.7	25.9	15.8	32.1
March	1,820	3,576	10,001	5,092	4,910	19,728	9.2	18.1	50.7	24.9	18.2	35.8
April	1,709	3,354	9,822	5,195	4,627	19,340	8.8	17.3	50.8	23.9	17.4	34.1
May	1,949	3,665	10,181	5,739	4,441	19,328	10.1	19.0	52.7	23.0	19.1	36.0
June	1,716	3,303	10,054	5,437	4,617	19,846	8.6	16.6	50.7	23.3	17.1	32.9
July	1,797	3,769	10,532	5,226	5,306	19,776	9.1	19.1	53.3	26.8	17.1	35.8
August	1,820	3,427	10,322	5,097	5,226	20,275	9.0	16.9	50.9	25.8	17.6	33.2
September	1,982	3,575	10,199	5,439	4,760	19,757	10.0	18.1	51.6	24.1	19.4	35.1
October	1,698	3,330	9,699	4,985	4,715	19,650	8.6	16.9	49.4	24.0	17.5	34.3
November	1,702	3,560	10,293	5,426	4,867	19,659	8.7	18.1	52.4	24.8	16.5	34.6
December	1,882	3,491	9,792	5,574	4,219	19,984	9.4	17.5	49.0	21.1	19.2	35.6
Average	**1,766**	**3,446**	**10,055**	**5,261**	**4,795**	**19,687**	**9.0**	**17.5**	**51.1**	**24.4**	**17.6**	**34.3**
2017 January	2,085	3,793	10,685	5,691	4,994	19,244	10.8	19.7	55.5	26.0	19.5	35.5
February	2,013	3,445	10,039	6,443	3,597	19,159	10.5	18.0	52.4	18.8	20.0	34.3
March	1,955	3,592	10,059	5,886	4,174	20,047	9.8	17.9	50.2	20.8	19.4	35.7
April	2,094	3,737	10,244	6,066	4,178	19,556	10.7	19.1	52.4	21.4	20.4	36.5
May	1,943	3,644	10,628	6,142	4,486	20,039	9.7	18.2	53.0	22.4	18.3	34.3
June	1,806	3,537	10,240	6,148	4,092	20,494	8.8	17.3	50.0	20.0	17.6	34.5
July	R 1,796	R 3,399	R 9,850	R 6,232	R 3,618	R 20,020	R 9.0	R 17.0	R 49.2	R 18.1	R 18.2	R 34.5
August	NA	NA	E 10,112	E 4,665	E 5,447	E 20,870	NA	NA	E 48.5	E 26.1	NA	NA
September	NA	NA	E 9,513	E 5,590	E 3,923	E 20,208	NA	NA	E 47.1	E 19.4	NA	NA
9-Month Average	**NA**	**NA**	**E 10,155**	**E 5,867**	**E 4,288**	**E 19,967**	**NA**	**NA**	**E 50.9**	**E 21.5**	**NA**	**NA**
2016 9-Month Average	**1,768**	**3,441**	**10,099**	**5,238**	**4,861**	**19,661**	**9.0**	**17.5**	**51.4**	**24.7**	**17.5**	**34.1**
2015 9-Month Average	**1,458**	**2,821**	**9,517**	**4,674**	**4,843**	**19,577**	**7.4**	**14.4**	**48.6**	**24.7**	**15.3**	**29.6**

[a] Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, United Arab Emirates, and the Neutral Zone (between Kuwait and Saudi Arabia).

[b] See "Organization of the Petroleum Exporting Countries (OPEC)" in Glossary. See Table 3.3c for notes on which countries are included in the data.

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

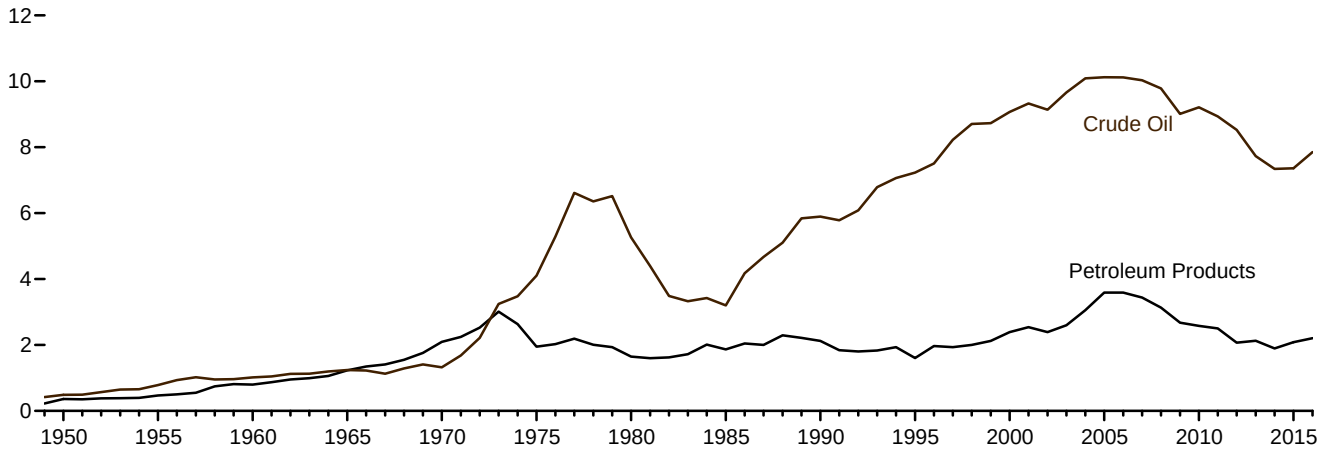
Notes: • For the feature article "Measuring Dependence on Imported Oil," published in the August 1995 *Monthly Energy Review,* see http://www.eia.gov/totalenergy/data/monthly/pdf/historical/imported_oil.pdf. • Beginning in October 1977, data include Strategic Petroleum Reserve imports. See Table 3.3b. • Annual averages may not equal average of months due to independent rounding. • U.S. geographic coverage is the 50 states and the District of Columbia. U.S. exports include shipments to U.S. territories, and imports include receipts from U.S. territories.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

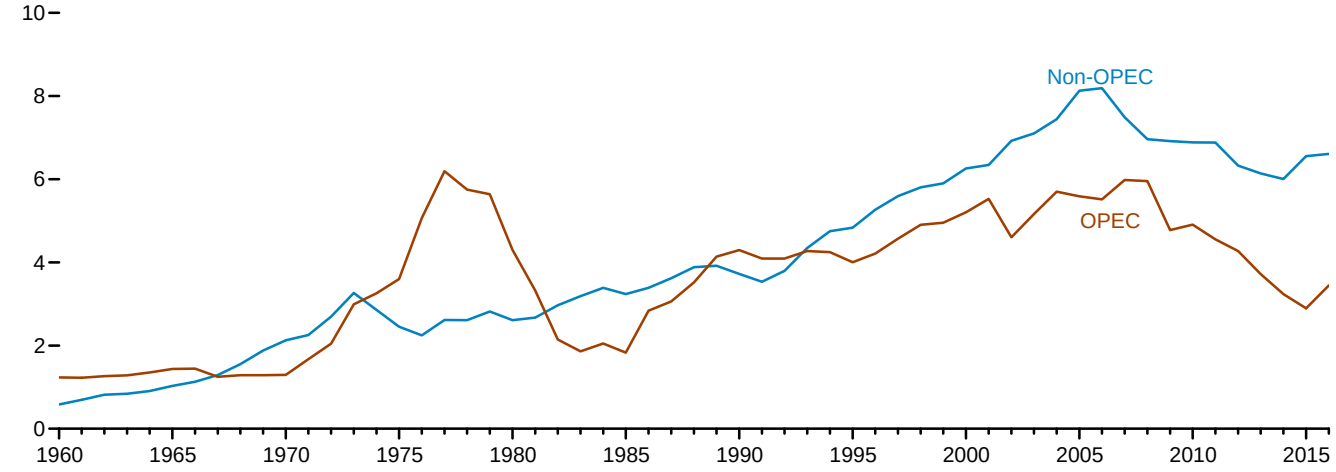
Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2016:** EIA, *Petroleum Supply Annual,* annual reports, and unpublished revisions. • **2017:** EIA, *Petroleum Supply Monthly,* monthly reports; and, for the current two months, *Weekly Petroleum Status Report* data system and *Monthly Energy Review* data system calculations.

Figure 3.3b Petroleum Trade: Imports
(Million Barrels per Day)

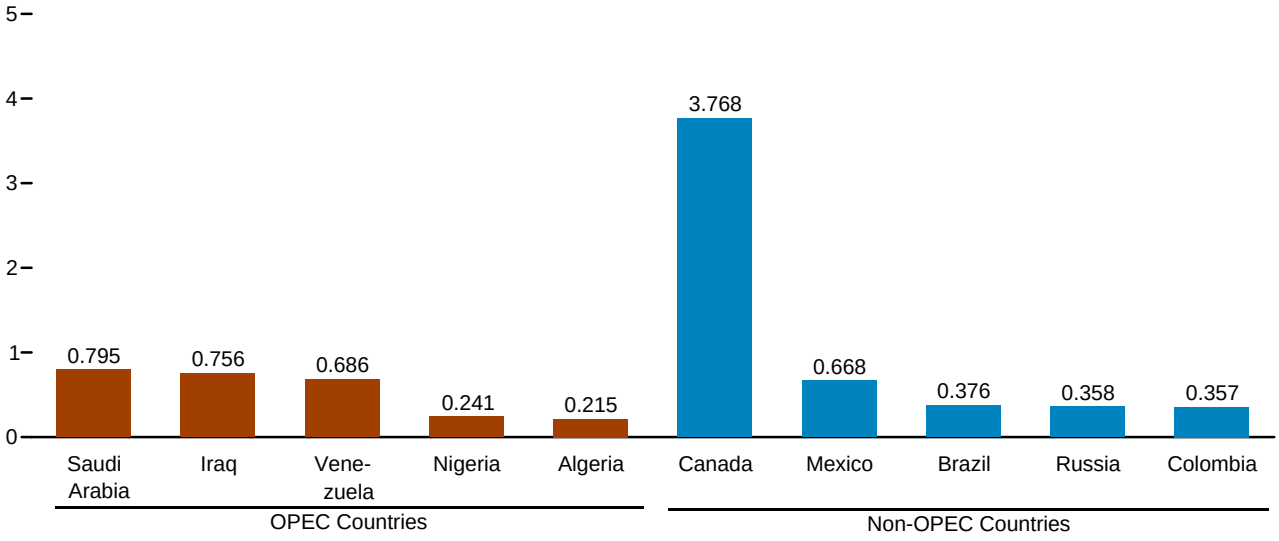
Overview, 1949–2016



OPEC and Non-OPEC, 1960–2016



From Selected Countries, July 2017



Note: OPEC=Organization of the Petroleum Exporting Countries.
Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Sources: Tables 3.3b–3.3d.

Table 3.3b Petroleum Trade: Imports and Exports by Type

(Thousand Barrels per Day)

	Imports										Exports		
	Crude Oil[a]		Distillate Fuel Oil	HGL[b]		Jet Fuel[f]	Motor Gasoline[g]	Residual Fuel Oil	Other[h]	Total	Crude Oil[a]	Petroleum Products	Total
	SPR[c]	Total		Propane[d]	Total[e]								
1950 Average	**– –**	**487**	**7**	**–**	**–**	**(f)**	**(s)**	**329**	**27**	**850**	**95**	**210**	**305**
1955 Average	**– –**	**782**	**12**	**–**	**–**	**(f)**	**13**	**417**	**24**	**1,248**	**32**	**336**	**368**
1960 Average	**– –**	**1,015**	**35**	**NA**	**4**	**34**	**27**	**637**	**62**	**1,815**	**8**	**193**	**202**
1965 Average	**– –**	**1,238**	**36**	**NA**	**21**	**81**	**28**	**946**	**119**	**2,468**	**3**	**184**	**187**
1970 Average	**– –**	**1,324**	**147**	**26**	**58**	**144**	**67**	**1,528**	**150**	**3,419**	**14**	**245**	**259**
1975 Average	**– –**	**4,105**	**155**	**60**	**185**	**133**	**184**	**1,223**	**70**	**6,056**	**6**	**204**	**209**
1980 Average	**44**	**5,263**	**142**	**84**	**226**	**80**	**140**	**939**	**120**	**6,909**	**287**	**258**	**544**
1985 Average	**118**	**3,201**	**200**	**67**	**235**	**39**	**381**	**510**	**501**	**5,067**	**204**	**577**	**781**
1990 Average	**27**	**5,894**	**278**	**115**	**197**	**108**	**342**	**504**	**695**	**8,018**	**109**	**748**	**857**
1995 Average	**–**	**7,230**	**193**	**102**	**192**	**106**	**265**	**187**	**662**	**8,835**	**95**	**855**	**949**
2000 Average	**8**	**9,071**	**295**	**161**	**256**	**162**	**427**	**352**	**897**	**11,459**	**50**	**990**	**1,040**
2001 Average	**11**	**9,328**	**344**	**145**	**250**	**148**	**454**	**295**	**1,051**	**11,871**	**20**	**951**	**971**
2002 Average	**16**	**9,140**	**267**	**145**	**199**	**107**	**498**	**249**	**1,069**	**11,530**	**9**	**975**	**984**
2003 Average	**–**	**9,665**	**333**	**168**	**271**	**109**	**518**	**327**	**1,041**	**12,264**	**12**	**1,014**	**1,027**
2004 Average	**77**	**10,088**	**325**	**209**	**305**	**127**	**496**	**426**	**1,377**	**13,145**	**27**	**1,021**	**1,048**
2005 Average	**52**	**10,126**	**329**	**233**	**374**	**190**	**603**	**530**	**1,562**	**13,714**	**32**	**1,133**	**1,165**
2006 Average	**8**	**10,118**	**365**	**228**	**360**	**186**	**475**	**350**	**1,854**	**13,707**	**25**	**1,292**	**1,317**
2007 Average	**7**	**10,031**	**304**	**182**	**276**	**217**	**413**	**372**	**1,856**	**13,468**	**27**	**1,405**	**1,433**
2008 Average	**19**	**9,783**	**213**	**185**	**275**	**103**	**302**	**349**	**1,891**	**12,915**	**29**	**1,773**	**1,802**
2009 Average	**56**	**9,013**	**225**	**147**	**194**	**81**	**223**	**331**	**1,623**	**11,691**	**44**	**1,980**	**2,024**
2010 Average	**–**	**9,213**	**228**	**121**	**179**	**98**	**134**	**366**	**1,574**	**11,793**	**42**	**2,311**	**2,353**
2011 Average	**–**	**8,935**	**179**	**110**	**183**	**69**	**105**	**328**	**1,637**	**11,436**	**47**	**2,939**	**2,986**
2012 Average	**–**	**8,527**	**126**	**116**	**170**	**55**	**44**	**256**	**1,421**	**10,598**	**67**	**3,137**	**3,205**
2013 Average	**–**	**7,730**	**155**	**127**	**182**	**84**	**45**	**225**	**1,438**	**9,859**	**134**	**3,487**	**3,621**
2014 Average	**–**	**7,344**	**195**	**108**	**143**	**94**	**49**	**173**	**1,242**	**9,241**	**351**	**3,824**	**4,176**
2015 January	–	7,171	349	156	196	132	74	218	1,321	9,461	495	4,080	4,575
February	–	7,100	388	163	197	127	51	225	1,184	9,272	442	4,198	4,640
March	–	7,592	324	147	168	163	61	146	1,165	9,619	438	3,654	4,092
April	–	7,208	243	127	156	134	75	179	1,378	9,374	599	4,339	4,938
May	–	7,245	191	91	122	170	109	239	1,425	9,502	527	4,326	4,853
June	–	7,321	132	96	132	204	100	174	1,541	9,605	445	4,211	4,657
July	–	7,360	143	107	129	160	33	144	1,603	9,571	546	4,414	4,960
August	–	7,717	140	111	141	132	33	177	1,519	9,858	461	4,047	4,507
September	–	7,228	103	92	114	66	63	243	1,541	9,358	410	4,441	4,851
October	–	7,102	101	120	159	83	103	136	1,158	8,842	500	4,116	4,617
November	–	7,371	150	129	174	102	70	198	1,086	9,151	320	4,584	4,903
December	–	7,902	155	145	181	108	84	222	1,090	9,742	392	4,874	5,266
Average	**–**	**7,363**	**200**	**124**	**156**	**132**	**71**	**192**	**1,335**	**9,449**	**465**	**4,273**	**4,738**
2016 January	–	7,615	172	164	219	154	60	272	1,215	9,707	490	4,487	4,977
February	–	7,914	231	212	244	117	65	173	1,323	10,066	454	4,480	4,934
March	–	8,012	150	139	163	155	66	266	1,188	10,001	596	4,496	5,092
April	–	7,611	177	116	142	122	78	176	1,516	9,822	624	4,571	5,195
May	–	7,927	123	113	149	182	44	145	1,610	10,181	788	4,952	5,739
June	–	7,560	88	105	177	132	76	242	1,779	10,054	530	4,906	5,437
July	–	8,096	123	116	162	174	82	225	1,671	10,532	536	4,690	5,226
August	–	8,016	164	122	174	147	34	230	1,558	10,322	720	4,376	5,097
September	–	8,040	150	126	151	139	71	153	1,495	10,199	775	4,665	5,439
October	–	7,570	75	142	168	154	44	150	1,538	9,699	502	4,483	4,985
November	–	8,023	145	169	198	153	63	241	1,470	10,293	606	4,820	5,426
December	–	7,817	167	186	219	129	29	178	1,253	9,792	468	5,105	5,574
Average	**–**	**7,850**	**147**	**142**	**180**	**147**	**59**	**205**	**1,468**	**10,055**	**591**	**4,670**	**5,261**
2017 January	–	8,435	204	242	283	140	33	176	1,413	10,685	746	4,945	5,691
February	–	7,890	199	214	253	147	36	225	1,289	10,039	1,116	5,327	6,443
March	–	8,048	108	166	195	123	51	221	1,312	10,059	834	5,052	5,886
April	–	8,131	116	112	152	183	42	146	1,475	10,244	1,001	5,065	6,066
May	–	8,397	124	120	166	126	37	241	1,537	10,628	1,023	5,119	6,142
June	–	8,010	102	116	152	119	23	172	1,661	10,240	786	5,362	6,148
July	–	R 7,825	R 111	R 110	R 147	R 140	R 23	R 174	R 1,429	R 9,850	R 893	R 5,339	R 6,232
August	–	E 7,955	E 115	E 119	NA	E 144	E 21	E 167	NA	E 10,112	E 716	E 3,949	E 4,665
September	–	E 7,155	E 94	E 121	NA	E 206	E 61	E 157	NA	E 9,513	E 1,293	E 4,298	E 5,590
9-Month Average	**–**	**E 7,986**	**E 130**	**E 146**	**NA**	**E 147**	**E 36**	**E 187**	**NA**	**E 10,155**	**E 931**	**E 4,935**	**E 5,867**
2016 9-Month Average	**–**	**7,867**	**153**	**134**	**175**	**147**	**64**	**210**	**1,484**	**10,099**	**613**	**4,625**	**5,238**
2015 9-Month Average	**–**	**7,330**	**222**	**121**	**150**	**143**	**66**	**194**	**1,410**	**9,517**	**485**	**4,188**	**4,674**

[a] Includes lease condensate.

[b] Hydrocarbon gas liquids.

[c] "SPR" is the Strategic Petroleum Reserve, which began in October 1977. Through 2003, includes crude oil imports by SPR only; beginning in 2004, includes crude oil imports by SPR, and crude oil imports into SPR by others.

[d] Propane and propylene. Through 1983, also includes 40% of "Butane-Propane Mixtures" and 30% of "Ethane-Propane Mixtures."

[e] Ethane, propane, normal butane, isobutane, natural gasoline (pentanes plus), and refinery olefins (ethylene, propylene, butylene, and isobutylene). Through 1983, also includes plant condensate and unfractionated stream.

[f] Beginning in 1965, includes kerosene-type jet fuel. (Through 1964, kerosene-type jet fuel is included with kerosene in "Other.") For 1956–2004, also includes naphtha-type jet fuel. (Through 1955, naphtha-type jet fuel is included in "Motor Gasoline." Beginning in 2005, naphtha-type jet fuel is included in "Other.")

[g] Finished motor gasoline. Through 1955, also includes naphtha-type jet fuel. Through 1963, also includes aviation gasoline and special naphthas. Through 1980, also includes motor gasoline blending components.

[h] Asphalt and road oil, aviation gasoline blending components, kerosene, lubricants, petrochemical feedstocks, petroleum coke, unfinished oils, waxes, other hydrocarbons and oxygenates, and miscellaneous products. Through 1964, also includes kerosene-type jet fuel. Beginning in 1964, also includes finished aviation gasoline and special naphthas. Beginning in 1981, also includes motor gasoline blending components. Beginning in 2005, also includes naphtha-type jet fuel.

R=Revised. E=Estimate. NA=Not available. – – =Not applicable. – =No data reported. (s)=Less than 500 barrels per day.

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

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2016:** EIA, *Petroleum Supply Annual,* annual reports, and unpublished revisions. • **2017:** EIA, *Petroleum Supply Monthly,* monthly reports; and, for the current two months, *Weekly Petroleum Status Report* data system and *Monthly Energy Review* data system calculations.

Table 3.3c Petroleum Trade: Imports From OPEC Countries

(Thousand Barrels per Day)

	Algeria[a]	Angola[b]	Ecuador[c]	Iraq	Kuwait[d]	Libya[e]	Nigeria[f]	Saudi Arabia[d]	Vene-zuela	Other[g]	Total OPEC
1960 Average	([a])	([b])	([c])	**22**	**182**	([e])	([f])	**84**	**911**	**34**	**1,233**
1965 Average	([a])	([b])	([c])	**16**	**74**	**42**	([f])	**158**	**994**	**155**	**1,439**
1970 Average	**8**	([b])	([c])	**–**	**48**	**47**	([f])	**30**	**989**	**172**	**1,294**
1975 Average	**282**	([b])	**57**	**2**	**16**	**232**	**762**	**715**	**702**	**832**	**3,601**
1980 Average	**488**	([b])	**27**	**28**	**27**	**554**	**857**	**1,261**	**481**	**577**	**4,300**
1985 Average	**187**	([b])	**67**	**46**	**21**	**4**	**293**	**168**	**605**	**439**	**1,830**
1990 Average	**280**	([b])	**49**	**518**	**86**	**–**	**800**	**1,339**	**1,025**	**199**	**4,296**
1995 Average	**234**	([b])	([c])	**–**	**218**	**–**	**627**	**1,344**	**1,480**	**98**	**4,002**
2000 Average	**225**	([b])	([c])	**620**	**272**	**0**	**896**	**1,572**	**1,546**	**72**	**5,203**
2001 Average	**278**	([b])	([c])	**795**	**250**	**0**	**885**	**1,662**	**1,553**	**105**	**5,528**
2002 Average	**264**	([b])	([c])	**459**	**228**	**–**	**621**	**1,552**	**1,398**	**83**	**4,605**
2003 Average	**382**	([b])	([c])	**481**	**220**	**–**	**867**	**1,774**	**1,376**	**61**	**5,162**
2004 Average	**452**	([b])	([c])	**656**	**250**	**20**	**1,140**	**1,558**	**1,554**	**70**	**5,701**
2005 Average	**478**	([b])	([c])	**531**	**243**	**56**	**1,166**	**1,537**	**1,529**	**47**	**5,587**
2006 Average	**657**	([b])	([c])	**553**	**185**	**87**	**1,114**	**1,463**	**1,419**	**38**	**5,517**
2007 Average	**670**	**508**	([c])	**484**	**181**	**117**	**1,134**	**1,485**	**1,361**	**39**	**5,980**
2008 Average	**548**	**513**	**221**	**627**	**210**	**103**	**988**	**1,529**	**1,189**	**26**	**5,954**
2009 Average	**493**	**460**	**185**	**450**	**182**	**79**	**809**	**1,004**	**1,063**	**50**	**4,776**
2010 Average	**510**	**393**	**212**	**415**	**197**	**70**	**1,023**	**1,096**	**988**	**3**	**4,906**
2011 Average	**358**	**346**	**206**	**459**	**191**	**15**	**818**	**1,195**	**951**	**16**	**4,555**
2012 Average	**242**	**233**	**180**	**476**	**305**	**61**	**441**	**1,365**	**960**	**9**	**4,271**
2013 Average	**115**	**216**	**236**	**341**	**328**	**59**	**281**	**1,329**	**806**	**10**	**3,720**
2014 Average	**110**	**154**	**215**	**369**	**311**	**6**	**92**	**1,166**	**789**	**23**	**3,237**
2015 January	82	54	331	227	266	20	51	820	670	17	2,538
February	112	181	245	222	241	4	38	945	783	24	2,794
March	76	93	244	122	277	–	78	1,047	849	15	2,801
April	106	102	114	139	186	3	54	1,205	824	–	2,734
May	150	119	176	283	222	12	58	1,210	898	7	3,133
June	126	113	237	214	314	–	21	1,077	757	10	2,869
July	109	108	281	133	144	–	130	1,187	808	11	2,911
August	121	102	256	117	113	4	86	1,005	934	11	2,750
September	145	182	264	203	211	5	114	863	855	11	2,854
October	76	193	230	375	150	17	65	983	802	7	2,899
November	124	231	191	269	140	6	114	1,236	843	17	3,169
December	74	166	197	447	193	12	155	1,122	899	10	3,274
Average	**108**	**136**	**231**	**229**	**204**	**7**	**81**	**1,059**	**827**	**12**	**2,894**
2016 January	126	166	334	252	205	10	132	1,054	702	74	3,054
February	174	133	246	245	289	5	274	1,029	773	63	3,230
March	147	172	264	365	123	–	290	1,309	846	59	3,576
April	137	242	182	349	199	10	243	1,154	788	48	3,354
May	102	161	230	571	177	75	297	1,171	787	93	3,665
June	183	128	223	434	135	–	252	1,104	748	97	3,303
July	191	299	234	390	323	5	265	1,053	933	75	3,769
August	169	159	253	488	156	22	181	1,147	773	78	3,427
September	155	157	213	448	275	4	168	1,211	825	119	3,575
October	296	122	203	508	154	–	232	1,025	741	49	3,330
November	300	174	250	434	228	27	247	1,003	849	49	3,560
December	202	102	236	590	254	32	246	1,014	789	25	3,491
Average	**182**	**168**	**239**	**424**	**210**	**16**	**235**	**1,106**	**796**	**69**	**3,446**
2017 January	232	118	247	622	105	31	332	1,345	749	10	3,793
February	234	64	141	413	251	22	223	1,338	751	9	3,445
March	193	30	278	544	219	30	342	1,173	764	20	3,592
April	153	84	180	811	101	45	332	1,154	857	21	3,737
May	196	105	230	619	174	87	294	1,109	767	64	3,644
June	254	178	212	587	162	38	320	1,015	663	108	3,537
July	215	189	166	756	206	108	241	795	686	37	3,399
7-Month Average	**211**	**110**	**209**	**624**	**173**	**52**	**298**	**1,130**	**748**	**39**	**3,594**
2016 7-Month Average	**151**	**186**	**245**	**373**	**207**	**15**	**250**	**1,126**	**797**	**73**	**3,424**
2015 7-Month Average	**109**	**109**	**233**	**191**	**235**	**6**	**62**	**1,071**	**799**	**12**	**2,826**

[a] Algeria joined OPEC in 1969. For 1960–1968, Algeria is included in "Total Non-OPEC" on Table 3.3d.

[b] Angola joined OPEC in January 2007. For 1960–2006, Angola is included in "Total Non-OPEC" on Table 3.3d.

[c] Ecuador was a member of OPEC from 1973–1992, and rejoined OPEC in November 2007. For 1960–1972 and 1993–2007, Ecuador is included in "Total Non-OPEC" on Table 3.3d.

[d] Through 1970, includes half the imports from the Neutral Zone between Kuwait and Saudi Arabia. Beginning in 1971, imports from the Neutral Zone are reported as originating in either Kuwait or Saudi Arabia depending on the country reported to U.S. Customs.

[e] Libya joined OPEC in 1962. For 1960 and 1961, Libya is included in "Total Non-OPEC" on Table 3.3d.

[f] Nigeria joined OPEC in 1971. For 1960–1970, Nigeria is included in "Total Non-OPEC" on Table 3.3d.

[g] Includes these countries for the dates indicated: Equatorial Guinea (May 2017 forward), Gabon (1975–1994 and July 2016 forward), Indonesia (1962–2008 and January–November 2016), Iran (1960 forward), Qatar (1961 forward), and United Arab Emirates (1967 forward).

– =No data reported.

Notes: • See "Organization of the Petroleum Exporting Countries (OPEC)" in Glossary. Petroleum imports not classified as "OPEC" on this table are included on Table 3.3d. • The country of origin for petroleum products may not be the country of origin for the crude oil from which the products were produced. For example, refined products imported from West European refining areas may have been produced from Middle East crude oil. • Includes imports for the Strategic Petroleum Reserve, which began in October 1977. • 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/#petroleum (Excel and CSV files) for all available annual data beginning in 1960 and monthly data beginning in 1973.

Sources: • **1960–1972:** Bureau of Mines, *Minerals Yearbook,* annual reports. • **1973–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2016:** EIA, *Petroleum Supply Annual,* annual reports. • **2017:** EIA, *Petroleum Supply Monthly,* monthly reports.

Table 3.3d Petroleum Trade: Imports From Non-OPEC Countries

(Thousand Barrels per Day)

	Brazil	Canada	Colombia	Mexico	Nether-lands	Norway	Russia[a]	United Kingdom	U.S. Virgin Islands	Other	Total Non-OPEC
1960 Average	**1**	**120**	**42**	**16**	**NA**	**NA**	**–**	**(s)**	**NA**	**NA**	**581**
1965 Average	**–**	**323**	**51**	**48**	**1**	**–**	**–**	**(s)**	**–**	**606**	**1,029**
1970 Average	**2**	**766**	**46**	**42**	**39**	**–**	**3**	**11**	**189**	**1,027**	**2,126**
1975 Average	**5**	**846**	**9**	**71**	**19**	**17**	**14**	**14**	**406**	**1,052**	**2,454**
1980 Average	**3**	**455**	**4**	**533**	**2**	**144**	**1**	**176**	**388**	**903**	**2,609**
1985 Average	**61**	**770**	**23**	**816**	**58**	**32**	**8**	**310**	**247**	**913**	**3,237**
1990 Average	**49**	**934**	**182**	**755**	**55**	**102**	**45**	**189**	**282**	**1,128**	**3,721**
1995 Average	**8**	**1,332**	**219**	**1,068**	**15**	**273**	**25**	**383**	**278**	**1,233**	**4,833**
2000 Average	**51**	**1,807**	**342**	**1,373**	**30**	**343**	**72**	**366**	**291**	**1,581**	**6,257**
2001 Average	**82**	**1,828**	**296**	**1,440**	**43**	**341**	**90**	**324**	**268**	**1,631**	**6,343**
2002 Average	**116**	**1,971**	**260**	**1,547**	**66**	**393**	**210**	**478**	**236**	**1,649**	**6,925**
2003 Average	**108**	**2,072**	**195**	**1,623**	**87**	**270**	**254**	**440**	**288**	**1,766**	**7,103**
2004 Average	**104**	**2,138**	**176**	**1,665**	**101**	**244**	**298**	**380**	**330**	**2,008**	**7,444**
2005 Average	**156**	**2,181**	**196**	**1,662**	**151**	**233**	**410**	**396**	**328**	**2,413**	**8,127**
2006 Average	**193**	**2,353**	**155**	**1,705**	**174**	**196**	**369**	**272**	**328**	**2,446**	**8,190**
2007 Average	**200**	**2,455**	**155**	**1,532**	**128**	**142**	**414**	**277**	**346**	**1,839**	**7,489**
2008 Average	**258**	**2,493**	**200**	**1,302**	**168**	**102**	**465**	**236**	**320**	**1,416**	**6,961**
2009 Average	**309**	**2,479**	**276**	**1,210**	**140**	**108**	**563**	**245**	**277**	**1,307**	**6,915**
2010 Average	**272**	**2,535**	**365**	**1,284**	**108**	**89**	**612**	**256**	**253**	**1,112**	**6,887**
2011 Average	**253**	**2,729**	**433**	**1,206**	**100**	**113**	**624**	**159**	**186**	**1,077**	**6,881**
2012 Average	**226**	**2,946**	**433**	**1,035**	**99**	**75**	**477**	**149**	**12**	**874**	**6,327**
2013 Average	**151**	**3,142**	**389**	**919**	**89**	**54**	**460**	**147**	**–**	**786**	**6,138**
2014 Average	**160**	**3,388**	**318**	**842**	**85**	**45**	**330**	**117**	**–**	**720**	**6,004**
2015 January	236	4,010	417	831	78	11	401	140	–	799	6,923
February	138	3,942	353	784	81	58	300	88	–	733	6,478
March	170	3,899	525	875	110	52	376	83	–	727	6,818
April	232	3,849	442	714	78	37	358	111	–	820	6,640
May	108	3,562	535	663	80	108	337	138	–	838	6,369
June	255	3,625	377	856	23	66	500	134	–	898	6,736
July	222	3,488	441	755	54	87	445	142	–	1,027	6,661
August	396	3,932	339	731	22	138	509	154	–	887	7,108
September	276	3,807	292	647	53	48	369	178	–	835	6,504
October	229	3,411	221	756	32	44	307	99	–	842	5,942
November	99	3,621	402	721	39	37	320	92	–	651	5,982
December	208	4,043	390	760	38	39	219	112	–	660	6,469
Average	**215**	**3,765**	**395**	**758**	**57**	**61**	**371**	**123**	**–**	**811**	**6,554**
2016 January	168	4,084	499	710	57	58	395	115	–	566	6,653
February	148	4,211	507	539	73	61	436	71	–	790	6,836
March	112	3,870	569	657	30	143	329	141	–	574	6,425
April	160	3,549	386	788	54	89	509	149	–	784	6,468
May	110	3,548	570	676	63	44	435	106	–	964	6,516
June	200	3,437	583	739	59	113	485	168	1	966	6,751
July	158	3,451	536	733	43	109	539	92	–	1,102	6,763
August	274	3,809	534	672	31	49	499	141	–	886	6,895
September	154	3,784	500	595	67	124	421	132	–	850	6,624
October	199	3,587	346	614	107	75	491	89	–	861	6,369
November	189	4,032	368	697	74	38	419	137	–	779	6,732
December	126	4,017	397	606	60	11	334	121	–	631	6,302
Average	**167**	**3,780**	**483**	**669**	**60**	**76**	**441**	**122**	**(s)**	**812**	**6,610**
2017 January	206	4,282	345	730	75	134	348	141	–	631	6,892
February	240	4,182	401	607	81	34	319	96	–	633	6,594
March	229	4,065	338	630	47	12	379	120	–	648	6,467
April	168	3,887	417	680	62	86	308	123	–	777	6,507
May	132	4,123	424	810	49	73	401	167	–	806	6,984
June	202	3,804	334	784	72	122	503	126	–	756	6,703
July	376	3,768	357	668	45	64	358	113	–	703	6,451
7-Month Average	**222**	**4,015**	**373**	**702**	**61**	**75**	**374**	**127**	**–**	**708**	**6,658**
2016 7-Month Average	**151**	**3,734**	**522**	**692**	**54**	**88**	**446**	**120**	**(s)**	**820**	**6,629**
2015 7-Month Average	**195**	**3,766**	**443**	**783**	**72**	**60**	**389**	**120**	**–**	**836**	**6,663**

[a] Through 1992, may include imports from republics other than Russia in the former U.S.S.R. See "Union of Soviet Socialist Republics (U.S.S.R.)" in Glossary.

NA=Not available. – =No data reported. (s)=Less than 500 barrels per day.

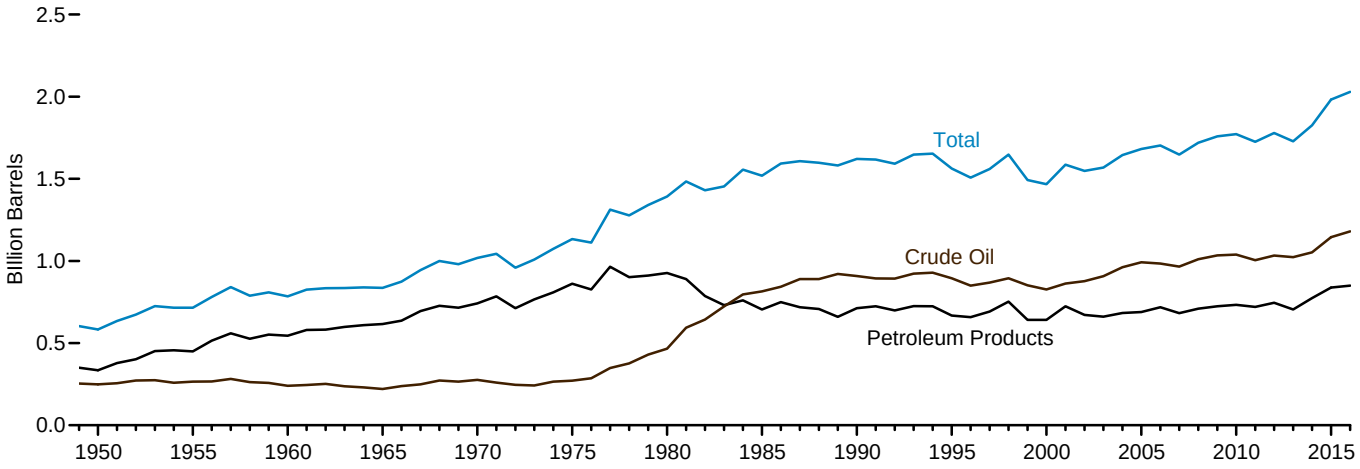
Notes: • See "Organization of the Petroleum Exporting Countries (OPEC)" in Glossary. Petroleum imports not classified as "OPEC" on Table 3.3c are included on this table. • The country of origin for petroleum products may not be the country of origin for the crude oil from which the products were produced. For example, refined products imported from West European refining areas may have been produced from Middle East crude oil. • Includes imports for the Strategic Petroleum Reserve, which began in October 1977. • 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/#petroleum (Excel and CSV files) for all available annual data beginning in 1960 and monthly data beginning in 1973.

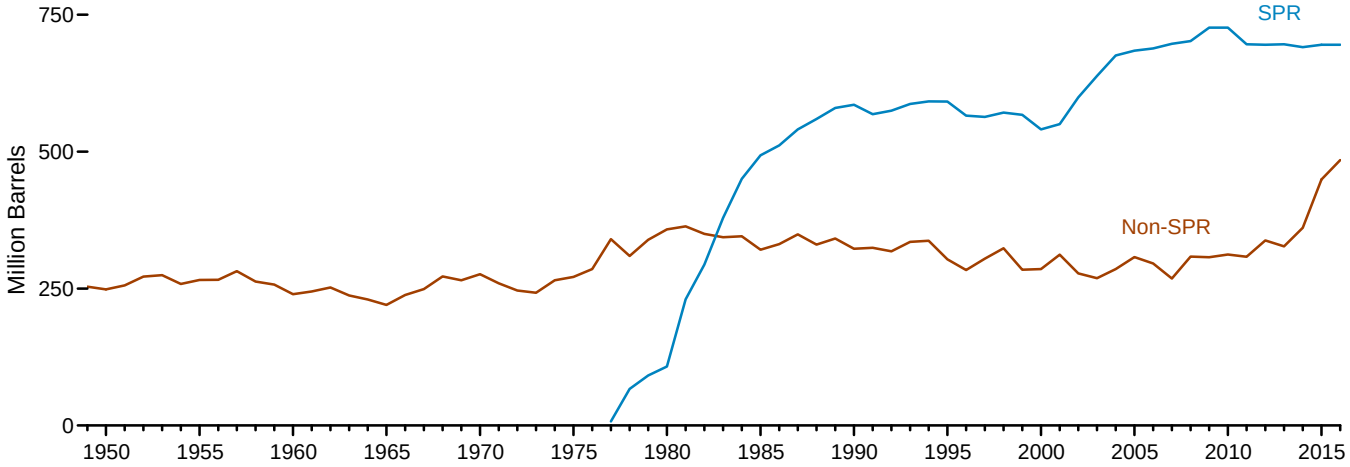
Sources: • **1960–1972:** Bureau of Mines, *Minerals Yearbook*, annual reports. • **1973–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2016:** EIA, *Petroleum Supply Annual,* annual reports. • **2017:** EIA, *Petroleum Supply Monthly,* monthly reports.

Figure 3.4 Petroleum Stocks

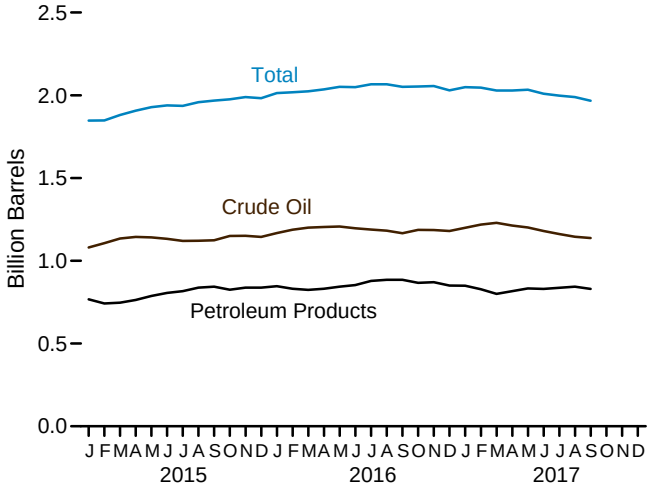
Overview, 1949–2016



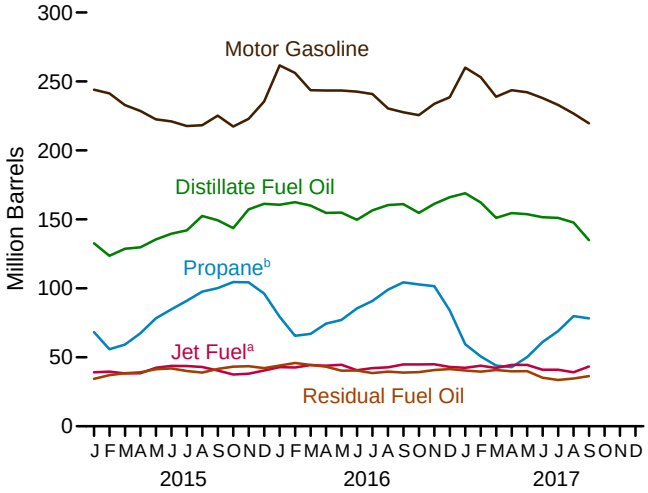
SPR and Non-SPR Crude Oil Stocks, 1949–2016



Overview, Monthly



Selected Products, Monthly



[a] Includes kerosene-type jet fuel only.
[b] Includes propylene.
Notes: • SPR=Strategic Petroleum Reserve. • Stocks are at end of period.
Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Source: Table 3.4.

Table 3.4 Petroleum Stocks

(Million Barrels)

	Crude Oil[a]			Distillate Fuel Oil[f]	HGL[b]		Jet Fuel[i]	Motor Gasoline[j]	Residual Fuel Oil	Other[k]	Total
	SPR[c]	Non-SPR[d,e]	Total[e]		Propane[g]	Total[h]					
1950 Year	**– –**	**248**	**248**	**72**	**NA**	**2**	**([i])**	**116**	**41**	**104**	**583**
1955 Year	**– –**	**266**	**266**	**111**	**NA**	**7**	**3**	**165**	**39**	**123**	**715**
1960 Year	**– –**	**240**	**240**	**138**	**NA**	**23**	**7**	**195**	**45**	**137**	**785**
1965 Year	**– –**	**220**	**220**	**155**	**NA**	**35**	**19**	**175**	**56**	**176**	**836**
1970 Year	**– –**	**276**	**276**	**195**	**44**	**74**	**28**	**209**	**54**	**181**	**1,018**
1975 Year	**– –**	**271**	**271**	**209**	**82**	**133**	**30**	**235**	**74**	**181**	**1,133**
1980 Year	**108**	**358**	**466**	**205**	**71**	**137**	**42**	**261**	**92**	**189**	**1,392**
1985 Year	**493**	**321**	**814**	**144**	**39**	**82**	**40**	**223**	**50**	**165**	**1,519**
1990 Year	**586**	**323**	**908**	**132**	**49**	**104**	**52**	**220**	**49**	**156**	**1,621**
1995 Year	**592**	**303**	**895**	**130**	**43**	**100**	**40**	**202**	**37**	**158**	**1,563**
2000 Year	**541**	**286**	**826**	**118**	**41**	**88**	**45**	**196**	**36**	**159**	**1,468**
2001 Year	**550**	**312**	**862**	**145**	**66**	**128**	**42**	**210**	**41**	**158**	**1,586**
2002 Year	**599**	**278**	**877**	**134**	**53**	**113**	**39**	**209**	**31**	**144**	**1,548**
2003 Year	**638**	**269**	**907**	**137**	**50**	**101**	**39**	**207**	**38**	**140**	**1,568**
2004 Year	**676**	**286**	**961**	**126**	**55**	**111**	**40**	**218**	**42**	**146**	**1,645**
2005 Year	**685**	**308**	**992**	**136**	**57**	**117**	**42**	**208**	**37**	**148**	**1,682**
2006 Year	**689**	**296**	**984**	**144**	**62**	**125**	**39**	**212**	**42**	**157**	**1,703**
2007 Year	**697**	**268**	**965**	**134**	**52**	**106**	**39**	**218**	**39**	**146**	**1,648**
2008 Year	**702**	**308**	**1,010**	**146**	**55**	**127**	**38**	**214**	**36**	**149**	**1,719**
2009 Year	**727**	**307**	**1,034**	**166**	**50**	**113**	**43**	**223**	**37**	**142**	**1,758**
2010 Year	**727**	**312**	**1,039**	**164**	**49**	**120**	**43**	**219**	**41**	**145**	**1,772**
2011 Year	**696**	**308**	**1,004**	**149**	**55**	**127**	**41**	**223**	**34**	**146**	**1,725**
2012 Year	**695**	**338**	**1,033**	**135**	**68**	**152**	**40**	**231**	**34**	**154**	**1,779**
2013 Year	**696**	**327**	**1,023**	**128**	**45**	**125**	**37**	**228**	**38**	**149**	**1,728**
2014 Year	**691**	**361**	**1,052**	**136**	**78**	**174**	**38**	**240**	**34**	**151**	**1,825**
2015 January	691	389	1,080	133	68	152	39	244	34	165	1,847
February	691	415	1,106	124	56	132	40	241	37	168	1,848
March	691	443	1,134	129	59	138	38	233	38	170	1,881
April	691	453	1,144	130	68	158	38	229	39	170	1,907
May	692	449	1,141	135	78	178	42	223	41	167	1,928
June	694	439	1,133	140	85	193	44	221	42	166	1,939
July	695	425	1,120	142	91	206	44	218	40	167	1,936
August	695	426	1,121	153	98	221	43	218	39	164	1,958
September	695	429	1,124	149	100	226	40	225	42	161	1,968
October	695	455	1,150	144	105	225	37	217	43	158	1,975
November	695	456	1,151	157	104	214	38	223	44	162	1,989
December	**695**	**449**	**1,144**	**161**	**96**	**194**	**40**	**235**	**42**	**164**	**1,982**
2016 January	695	472	1,167	161	79	164	43	262	44	173	2,014
February	695	492	1,187	162	66	147	43	256	46	176	2,018
March	695	505	1,200	160	67	152	44	244	45	179	2,024
April	695	509	1,204	155	74	168	44	243	43	178	2,035
May	695	512	1,207	155	77	185	45	243	40	175	2,051
June	695	501	1,196	150	85	210	41	243	40	170	2,049
July	695	493	1,189	157	91	229	42	241	39	171	2,066
August	695	487	1,182	160	99	247	43	230	40	164	2,066
September	695	472	1,167	161	104	251	45	228	39	161	2,051
October	695	491	1,186	155	103	243	45	226	39	159	2,053
November	695	491	1,186	161	102	233	45	234	41	157	2,056
December	**695**	**485**	**1,180**	**166**	**84**	**200**	**43**	**239**	**41**	**161**	**2,030**
2017 January	695	504	1,200	169	59	165	42	260	40	172	2,049
February	695	524	1,218	162	51	154	44	253	40	175	2,046
March	692	538	1,229	151	44	148	42	239	41	179	2,029
April	689	524	1,213	155	43	154	45	244	40	180	2,029
May	684	517	1,201	154	50	171	44	242	40	181	2,034
June	679	500	1,180	152	61	191	41	238	35	173	2,009
July	679	R 482	R 1,161	R 151	R 69	R 207	R 41	R 233	34	R 171	R 1,998
August	E 679	RE 468	RE 1,145	E 148	E 80	RF 234	E 39	E 227	E 35	RE 162	E 1,989
September	E 673	E 464	E 1,137	E 135	E 78	F 231	E 43	E 220	E 36	E 165	E 1,967

[a] Includes lease condensate.

[b] Hydrocarbon gas liquids.

[c] "SPR" is the Strategic Petroleum Reserve, which began in October 1977. Crude oil stocks in the SPR include non-U.S. stocks held under foreign or commercial storage agreements.

[d] All crude oil stocks other than those in "SPR."

[e] Beginning in 1981, includes stocks of Alaskan crude oil in transit.

[f] Excludes stocks in the Northeast Home Heating Oil Reserve. Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.

[g] Propane and propylene. Through 1983, also includes 40% of "Butane-Propane Mixtures" and 30% of "Ethane-Propane Mixtures."

[h] Ethane, propane, normal butane, isobutane, natural gasoline (pentanes plus), and refinery olefins (ethylene, propylene, butylene, and isobutylene). Through 1983, also includes plant condensate and unfractionated stream.

[i] Beginning in 1965, includes kerosene-type jet fuel. (Through 1964, kerosene-type jet fuel is included with kerosene in "Other.") For 1952–2004, also includes naphtha-type jet fuel. (Through 1951, naphtha-type jet fuel is included in the products from which it was blended—gasoline, kerosene, and distillate fuel oil. Beginning in 2005, naphtha-type jet fuel is included in "Other.").

[j] Includes finished motor gasoline and motor gasoline blending components; excludes oxygenates. Through 1963, also includes aviation gasoline and special naphthas.

[k] Asphalt and road oil, aviation gasoline blending components, kerosene, lubricants, petrochemical feedstocks, petroleum coke, unfinished oils, waxes, miscellaneous products, oxygenates, renewable fuels, and other hydrocarbons. Through 1964, also includes kerosene-type jet fuel. Beginning in 1964, also includes finished aviation gasoline and special naphthas. Beginning in 2005, also includes naphtha-type jet fuel.

R=Revised. E=Estimate. F=Forecast. NA=Not available. – – =Not applicable.

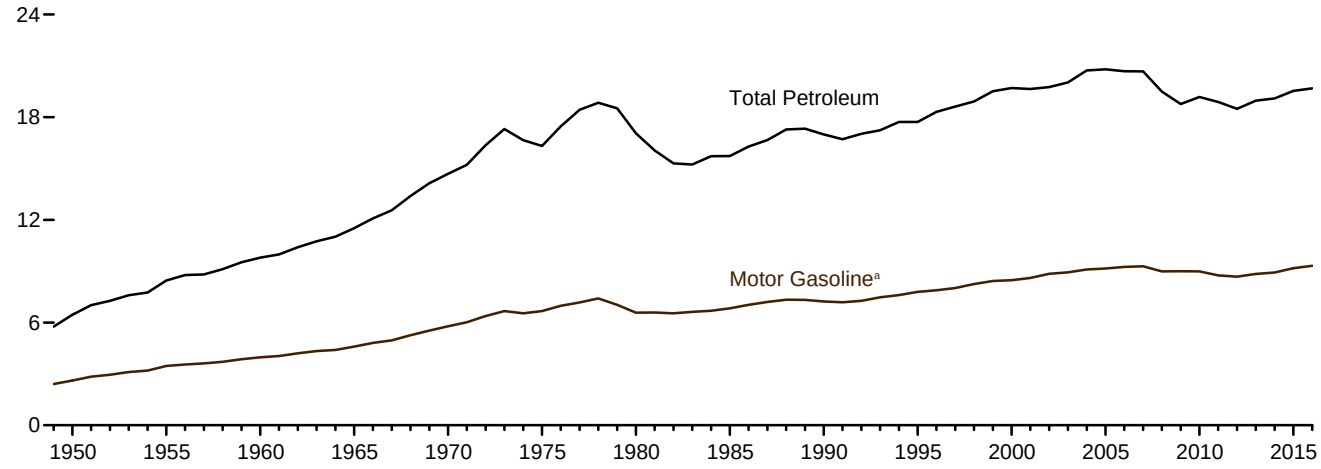
Notes: • Stocks are at end of period. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

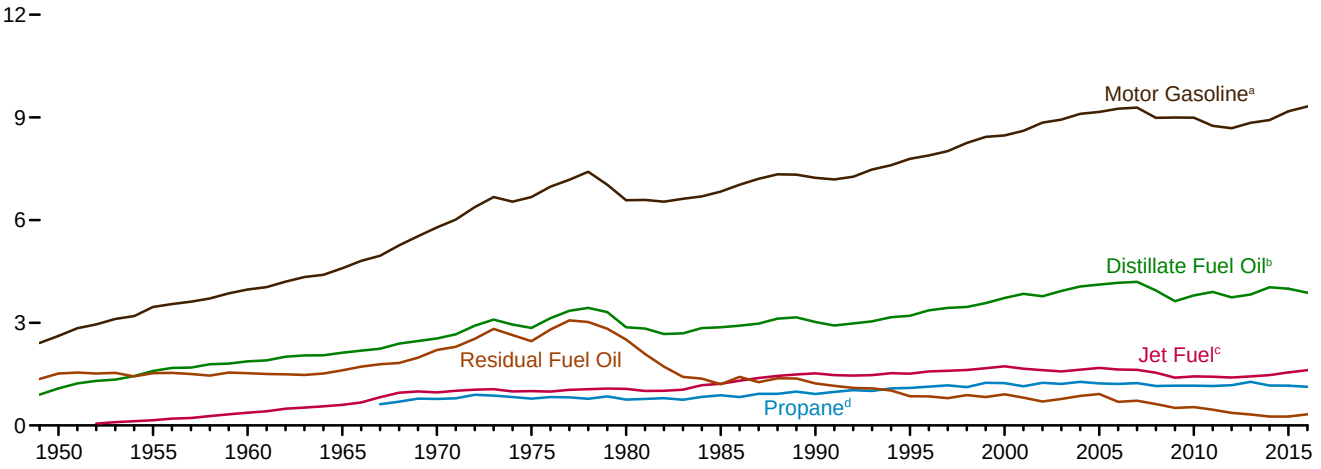
Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2016:** EIA, *Petroleum Supply Annual,* annual reports, and unpublished revisions. • **2017:** EIA, *Petroleum Supply Monthly,* monthly reports; and, for the current two months, *Weekly Petroleum Status Report* data system, Short-Term Integrated Forecasting System, and *Monthly Energy Review* data system calculations.

Figure 3.5 Petroleum Products Supplied by Type
(Million Barrels per Day)

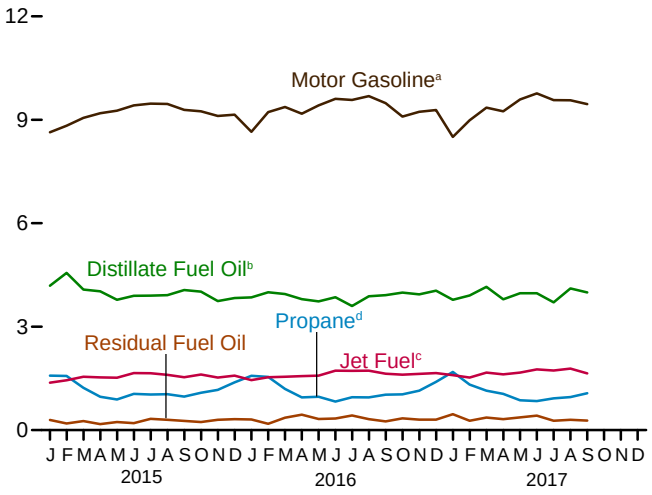
Total Petroleum and Motor Gasoline, 1949–2016



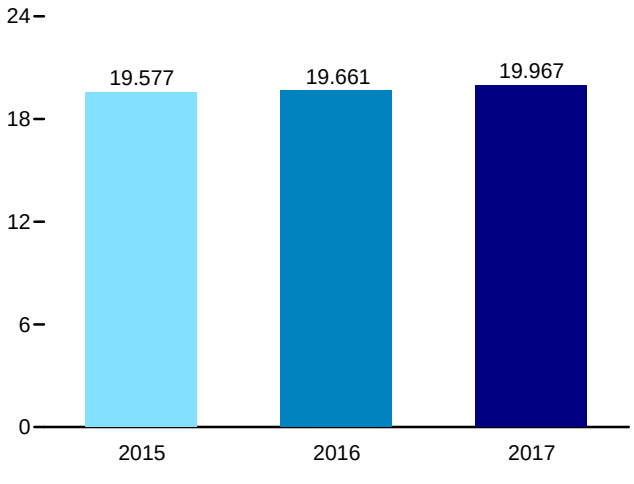
Selected Products,1949–2016



Selected Products, Monthly



Total, January–September



[a] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[b] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.
[c] Beginning in 2005, includes kerosene-type jet fuel only.
[d] Includes propylene.
Note: SPR=Strategic Petroleum Reserve.
Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Source: Table 3.5.

Table 3.5 Petroleum Products Supplied by Type

(Thousand Barrels per Day)

	Asphalt and Road Oil	Aviation Gasoline	Distillate Fuel Oil[b]	HGL[a]		Jet Fuel[e]	Kero-sene	Lubri-cants	Motor Gasoline[f]	Petro-leum Coke	Residual Fuel Oil	Other[g]	Total
				Propane[c]	Total[d]								
1950 Average	**180**	**108**	**1,082**	**NA**	**234**	**([e])**	**323**	**106**	**2,616**	**41**	**1,517**	**250**	**6,458**
1955 Average	**254**	**192**	**1,592**	**NA**	**404**	**154**	**320**	**116**	**3,463**	**67**	**1,526**	**366**	**8,455**
1960 Average	**302**	**161**	**1,872**	**NA**	**621**	**371**	**271**	**117**	**3,969**	**149**	**1,529**	**435**	**9,797**
1965 Average	**368**	**120**	**2,126**	**NA**	**841**	**602**	**267**	**129**	**4,593**	**202**	**1,608**	**657**	**11,512**
1970 Average	**447**	**55**	**2,540**	**782**	**1,224**	**967**	**263**	**136**	**5,785**	**212**	**2,204**	**866**	**14,697**
1975 Average	**419**	**39**	**2,851**	**790**	**1,352**	**1,001**	**159**	**137**	**6,675**	**247**	**2,462**	**982**	**16,322**
1980 Average	**396**	**35**	**2,866**	**813**	**1,590**	**1,068**	**158**	**159**	**6,579**	**237**	**2,508**	**1,460**	**17,056**
1985 Average	**425**	**27**	**2,868**	**883**	**1,721**	**1,218**	**114**	**145**	**6,831**	**264**	**1,202**	**909**	**15,726**
1990 Average	**483**	**24**	**3,021**	**917**	**1,705**	**1,522**	**43**	**164**	**7,235**	**339**	**1,229**	**1,225**	**16,988**
1995 Average	**486**	**21**	**3,207**	**1,096**	**2,100**	**1,514**	**54**	**156**	**7,789**	**365**	**852**	**1,180**	**17,725**
2000 Average	**525**	**20**	**3,722**	**1,235**	**2,434**	**1,725**	**67**	**166**	**8,472**	**406**	**909**	**1,255**	**19,701**
2001 Average	**519**	**19**	**3,847**	**1,142**	**2,200**	**1,655**	**72**	**153**	**8,610**	**437**	**811**	**1,325**	**19,649**
2002 Average	**512**	**18**	**3,776**	**1,248**	**2,295**	**1,614**	**43**	**151**	**8,848**	**463**	**700**	**1,342**	**19,761**
2003 Average	**503**	**16**	**3,927**	**1,215**	**2,205**	**1,578**	**55**	**140**	**8,935**	**455**	**772**	**1,448**	**20,034**
2004 Average	**537**	**17**	**4,058**	**1,276**	**2,264**	**1,630**	**64**	**141**	**9,105**	**524**	**865**	**1,525**	**20,731**
2005 Average	**546**	**19**	**4,118**	**1,229**	**2,146**	**1,679**	**70**	**141**	**9,159**	**515**	**920**	**1,489**	**20,802**
2006 Average	**521**	**18**	**4,169**	**1,215**	**2,135**	**1,633**	**54**	**137**	**9,253**	**522**	**689**	**1,557**	**20,687**
2007 Average	**494**	**17**	**4,196**	**1,235**	**2,191**	**1,622**	**32**	**142**	**9,286**	**490**	**723**	**1,487**	**20,680**
2008 Average	**417**	**15**	**3,945**	**1,154**	**2,044**	**1,539**	**14**	**131**	**8,989**	**464**	**622**	**1,317**	**19,498**
2009 Average	**360**	**14**	**3,631**	**1,160**	**2,127**	**1,393**	**18**	**118**	**8,997**	**427**	**511**	**1,175**	**18,771**
2010 Average	**362**	**15**	**3,800**	**1,160**	**2,265**	**1,432**	**20**	**131**	**8,993**	**376**	**535**	**1,251**	**19,180**
2011 Average	**355**	**15**	**3,899**	**1,153**	**2,241**	**1,425**	**12**	**125**	**8,753**	**361**	**461**	**1,240**	**18,887**
2012 Average	**340**	**14**	**3,741**	**1,175**	**2,297**	**1,398**	**5**	**114**	**8,682**	**360**	**369**	**1,165**	**18,487**
2013 Average	**323**	**12**	**3,827**	**1,275**	**2,501**	**1,434**	**5**	**121**	**8,843**	**354**	**319**	**1,227**	**18,967**
2014 Average	**327**	**12**	**4,037**	**1,167**	**2,442**	**1,470**	**9**	**126**	**8,921**	**347**	**257**	**1,151**	**19,100**
2015 January	200	8	4,186	1,580	2,921	1,375	3	153	8,639	404	294	1,079	19,261
February	215	8	4,559	1,572	2,892	1,445	9	123	8,829	217	195	1,173	19,664
March	222	9	4,078	1,228	2,548	1,548	11	152	9,057	377	263	1,075	19,340
April	303	14	4,027	966	2,366	1,527	1	148	9,189	377	172	1,126	19,251
May	343	13	3,778	890	2,322	1,519	20	159	9,262	383	235	1,281	19,316
June	472	12	3,897	1,053	2,430	1,654	(s)	132	9,417	407	200	1,231	19,853
July	480	18	3,901	1,030	2,468	1,650	1	156	9,470	399	325	1,265	20,134
August	510	11	3,915	1,042	2,454	1,601	2	121	9,460	412	298	1,156	19,939
September	469	11	4,063	970	2,283	1,534	1	127	9,289	283	267	1,106	19,433
October	400	14	4,014	1,084	2,540	1,614	3	145	9,245	329	236	951	19,491
November	287	9	3,740	1,169	2,585	1,524	1	104	9,112	306	300	1,159	19,127
December	212	9	3,831	1,384	2,826	1,578	25	130	9,148	283	317	1,231	19,589
Average	**343**	**11**	**3,995**	**1,162**	**2,552**	**1,548**	**6**	**138**	**9,178**	**349**	**259**	**1,153**	**19,534**
2016 January	195	7	3,850	1,574	2,958	1,449	2	136	8,653	380	306	1,126	19,063
February	230	11	3,996	1,543	2,798	1,534	2	148	9,221	361	183	1,362	19,847
March	254	10	3,947	1,193	2,613	1,547	10	143	9,373	364	361	1,107	19,728
April	301	14	3,799	951	2,403	1,566	3	131	9,176	293	449	1,205	19,340
May	394	11	3,732	966	2,383	1,578	8	132	9,417	276	323	1,075	19,328
June	482	12	3,853	830	2,269	1,723	10	146	9,608	246	338	1,159	19,846
July	472	12	3,597	952	2,421	1,720	11	115	9,578	322	424	1,103	19,776
August	524	14	3,880	950	2,308	1,722	1	124	9,687	437	318	1,261	20,275
September	439	11	3,912	1,030	2,429	1,635	14	125	9,484	285	253	1,171	19,757
October	417	10	3,986	1,038	2,557	1,610	19	131	9,093	311	340	1,175	19,650
November	310	12	3,938	1,142	2,520	1,632	2	121	9,233	485	305	1,101	19,659
December	195	10	4,043	1,397	2,775	1,653	21	115	9,283	381	306	1,201	19,984
Average	**351**	**11**	**3,877**	**1,130**	**2,536**	**1,614**	**9**	**130**	**9,317**	**345**	**326**	**1,170**	**19,687**
2017 January	192	9	3,781	1,687	3,049	1,593	14	105	8,501	412	460	1,127	19,244
February	241	9	3,905	1,321	2,684	1,525	6	123	8,986	262	270	1,148	19,159
March	265	10	4,154	1,143	2,634	1,669	2	133	9,352	175	362	1,292	20,047
April	318	10	3,791	1,051	2,510	1,617	7	105	9,248	322	320	1,309	19,556
May	365	11	3,969	863	2,415	1,671	3	108	9,590	339	368	1,201	20,039
June	477	17	3,969	842	2,439	1,762	2	108	9,766	270	418	1,266	20,494
July	R 441	R 13	R 3,707	R 921	R 2,512	R 1,728	R 1	R 98	R 9,573	R 461	R 272	R 1,215	R 20,020
August	F 525	RF 13	E 4,111	E 957	RF 2,354	E 1,784	RF 2	RF 128	E 9,565	F 388	E 298	RE 1,702	E 20,870
September	F 457	F 11	E 3,994	E 1,070	F 2,539	E 1,646	F 8	F 132	E 9,457	F 342	E 275	E 1,347	E 20,208
9-Month Average	**E 365**	**E 12**	**E 3,932**	**E 1,094**	**E 2,570**	**E 1,668**	**E 5**	**E 116**	**E 9,340**	**E 331**	**E 339**	**E 1,291**	**E 19,967**
2016 9-Month Average	**366**	**11**	**3,839**	**1,109**	**2,509**	**1,608**	**7**	**133**	**9,355**	**330**	**329**	**1,173**	**19,661**
2015 9-Month Average	**358**	**12**	**4,040**	**1,145**	**2,518**	**1,540**	**5**	**142**	**9,182**	**364**	**251**	**1,166**	**19,577**

[a] Hydrocarbon gas liquids.

[b] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.

[c] Propane and propylene. Through 1983, also includes 40% of "Butane-Propane Mixtures" and 30% of "Ethane-Propane Mixtures."

[d] Ethane, propane, normal butane, isobutane, natural gasoline (pentanes plus), and refinery olefins (ethylene, propylene, butylene, and isobutylene). Through 1983, also includes plant condensate and unfractionated stream.

[e] Beginning in 1957, includes kerosene-type jet fuel. For 1952–2004, also includes naphtha-type jet fuel. (Through 1951, naphtha-type jet fuel is included in the products from which it was blended—gasoline, kerosene, and distillate fuel oil. Beginning in 2005, naphtha-type jet fuel is included in "Other.").

[f] Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

[g] Petrochemical feedstocks, still gas (refinery gas), waxes, and miscellaneous products. Beginning in 1964, also includes special naphthas. Beginning in 1981, also includes negative barrels per day of distillate and residual fuel oil reclassified as unfinished oils, and other products (from both primary and secondary supply) reclassified as gasoline blending components. Beginning in 1983, also includes crude oil burned as fuel. Beginning in 2005, also includes naphtha-type jet fuel.

R=Revised. E=Estimate. F=Forecast. NA=Not available. (s)=Less than 500 barrels per day and greater than -500 barrels per day.

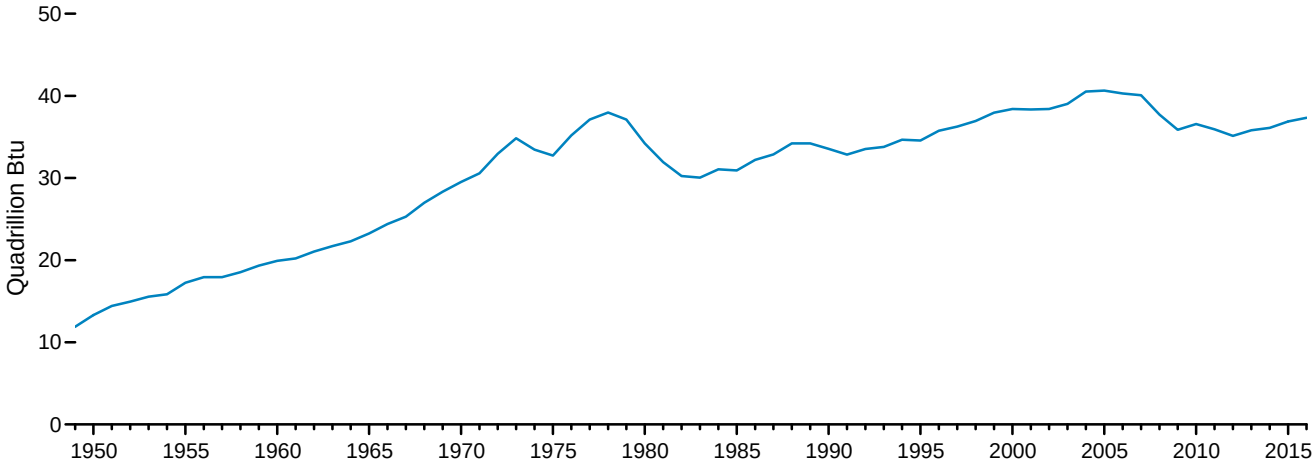
Notes: • Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

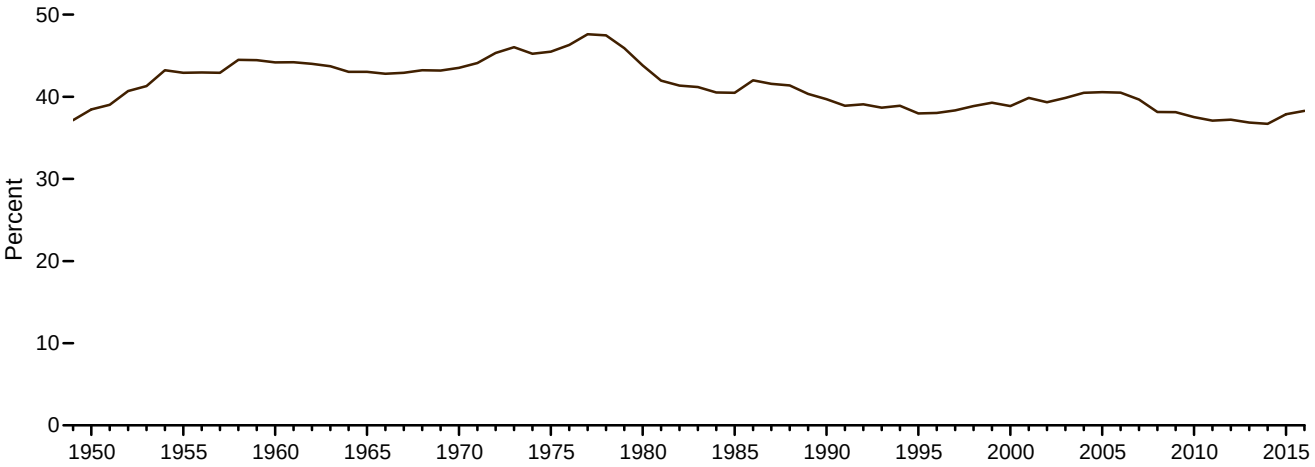
Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2016:** EIA, *Petroleum Supply Annual,* annual reports, and unpublished revisions. • **2017:** EIA, *Petroleum Supply Monthly,* monthly reports; and, for the current two months, *Weekly Petroleum Status Report* data system, Short-Term Integrated Forecasting System, and *Monthly Energy Review* data system calculations.

Figure 3.6 Heat Content of Petroleum Products Supplied by Type

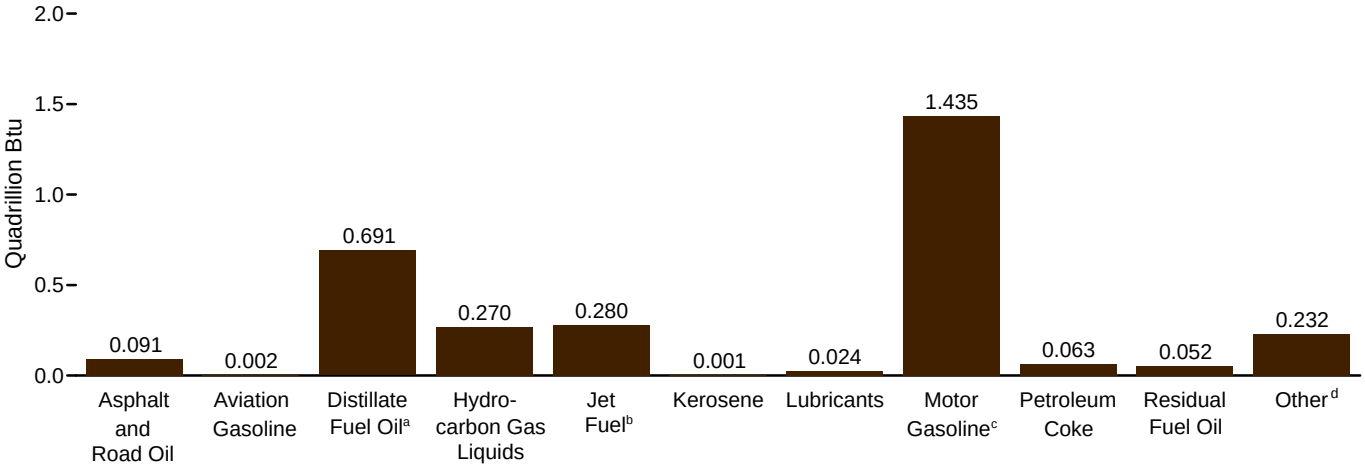
Total, 1949–2016



Petroleum Products Supplied as Share of Total Energy Consumption, 1949–2016



By Product, September 2017



[a] Includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.
[b] Includes kerosene-type jet fuel only.
[c] Includes fuel ethanol blended into motor gasoline.
[d] All petroleum products not separately displayed.
Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Sources: Tables 1.1 and 3.6.

Table 3.6 Heat Content of Petroleum Products Supplied by Type

(Trillion Btu)

	Asphalt and Road Oil	Aviation Gasoline	Distillate Fuel Oil[b]	HGL[a]		Jet Fuel[e]	Kero-sene	Lubri-cants	Motor Gasoline[f]	Petro-leum Coke	Residual Fuel Oil	Other[g]	Total
				Propane[c]	Total[d]								
1950 Total	**435**	**199**	**2,300**	**NA**	**343**	**([e])**	**668**	**236**	**5,015**	**90**	**3,482**	**546**	**13,315**
1955 Total	**615**	**354**	**3,385**	**NA**	**592**	**301**	**662**	**258**	**6,640**	**147**	**3,502**	**798**	**17,255**
1960 Total	**734**	**298**	**3,992**	**NA**	**912**	**739**	**563**	**259**	**7,631**	**328**	**3,517**	**947**	**19,919**
1965 Total	**890**	**222**	**4,519**	**NA**	**1,232**	**1,215**	**553**	**286**	**8,806**	**444**	**3,691**	**1,390**	**23,246**
1970 Total	**1,082**	**100**	**5,401**	**1,095**	**1,689**	**1,973**	**544**	**301**	**11,091**	**465**	**5,057**	**1,817**	**29,521**
1975 Total	**1,014**	**71**	**6,061**	**1,107**	**1,845**	**2,047**	**329**	**304**	**12,798**	**542**	**5,649**	**2,071**	**32,732**
1980 Total	**962**	**64**	**6,110**	**1,142**	**2,180**	**2,190**	**329**	**354**	**12,648**	**522**	**5,772**	**3,073**	**34,205**
1985 Total	**1,029**	**50**	**6,098**	**1,236**	**2,309**	**2,497**	**236**	**322**	**13,098**	**582**	**2,759**	**1,945**	**30,925**
1990 Total	**1,170**	**45**	**6,422**	**1,284**	**2,309**	**3,129**	**88**	**362**	**13,872**	**745**	**2,820**	**2,589**	**33,552**
1995 Total	**1,178**	**40**	**6,812**	**1,534**	**2,849**	**3,132**	**112**	**346**	**14,834**	**802**	**1,955**	**2,499**	**34,558**
2000 Total	**1,276**	**36**	**7,927**	**1,734**	**3,288**	**3,580**	**140**	**369**	**16,167**	**895**	**2,091**	**2,636**	**38,406**
2001 Total	**1,257**	**35**	**8,170**	**1,598**	**2,960**	**3,426**	**150**	**338**	**16,386**	**961**	**1,861**	**2,793**	**38,337**
2002 Total	**1,240**	**34**	**8,020**	**1,747**	**3,076**	**3,340**	**90**	**334**	**16,829**	**1,018**	**1,605**	**2,816**	**38,401**
2003 Total	**1,220**	**30**	**8,341**	**1,701**	**2,968**	**3,265**	**113**	**309**	**16,968**	**1,000**	**1,772**	**3,043**	**39,030**
2004 Total	**1,304**	**31**	**8,642**	**1,791**	**3,047**	**3,383**	**133**	**313**	**17,333**	**1,148**	**1,990**	**3,205**	**40,528**
2005 Total	**1,323**	**35**	**8,745**	**1,721**	**2,878**	**3,475**	**144**	**312**	**17,378**	**1,125**	**2,111**	**3,122**	**40,647**
2006 Total	**1,261**	**33**	**8,831**	**1,701**	**2,841**	**3,379**	**111**	**303**	**17,531**	**1,141**	**1,581**	**3,276**	**40,289**
2007 Total	**1,197**	**32**	**8,858**	**1,729**	**2,912**	**3,358**	**67**	**313**	**17,472**	**1,072**	**1,659**	**3,134**	**40,073**
2008 Total	**1,012**	**28**	**8,346**	**1,620**	**2,727**	**3,193**	**30**	**291**	**16,865**	**1,017**	**1,432**	**2,788**	**37,728**
2009 Total	**873**	**27**	**7,661**	**1,624**	**2,791**	**2,883**	**36**	**262**	**16,750**	**937**	**1,173**	**2,483**	**35,877**
2010 Total	**878**	**27**	**8,014**	**1,624**	**2,976**	**2,963**	**41**	**291**	**16,668**	**831**	**1,228**	**2,645**	**36,561**
2011 Total	**859**	**27**	**8,217**	**1,614**	**2,898**	**2,950**	**25**	**276**	**16,191**	**801**	**1,058**	**2,621**	**35,925**
2012 Total	**827**	**25**	**7,903**	**1,649**	**2,992**	**2,901**	**11**	**254**	**16,089**	**802**	**849**	**2,474**	**35,126**
2013 Total	**783**	**22**	**8,059**	**1,785**	**3,267**	**2,969**	**11**	**268**	**16,339**	**786**	**731**	**2,583**	**35,818**
2014 Total	**793**	**22**	**8,499**	**1,634**	**3,172**	**3,042**	**19**	**280**	**16,476**	**772**	**590**	**2,430**	**36,094**
2015 January	41	1	749	188	326	242	(s)	29	1,355	76	57	192	3,069
February	40	1	736	169	290	229	1	21	1,251	37	34	190	2,831
March	46	1	729	146	285	272	2	29	1,421	71	51	193	3,100
April	60	2	697	111	253	260	(s)	27	1,395	69	32	196	2,991
May	70	2	675	106	256	267	4	30	1,453	72	46	231	3,106
June	94	2	674	121	261	281	(s)	24	1,430	74	38	215	3,092
July	99	3	697	123	274	290	(s)	29	1,486	75	63	228	3,245
August	105	2	700	124	274	281	(s)	23	1,484	78	58	207	3,213
September	93	2	703	112	242	261	(s)	23	1,410	52	50	192	3,027
October	82	2	718	129	282	284	1	27	1,450	62	46	170	3,124
November	57	1	647	135	274	259	(s)	19	1,383	56	57	201	2,955
December	44	1	685	165	313	277	4	24	1,435	53	62	221	3,120
Total	**832**	**21**	**8,411**	**1,627**	**3,331**	**3,204**	**13**	**305**	**16,952**	**776**	**595**	**2,435**	**36,873**
2016 January	40	1	688	187	329	255	(s)	26	1,357	72	60	208	3,036
February	44	2	668	172	288	252	(s)	26	1,353	64	33	235	2,966
March	52	2	706	142	286	272	2	27	1,470	69	70	205	3,160
April	60	2	657	109	254	266	1	24	1,393	54	85	215	3,011
May	81	2	667	115	260	277	1	25	1,477	52	63	199	3,104
June	96	2	666	96	241	293	2	27	1,458	45	64	208	3,101
July	97	2	643	113	264	302	2	22	1,502	61	83	205	[R] 3,182
August	108	2	694	113	251	303	(s)	23	1,519	83	62	233	3,278
September	87	2	677	118	260	278	2	23	1,439	52	48	210	3,078
October	86	2	713	123	282	283	3	25	1,426	59	66	217	3,161
November	62	2	681	131	267	278	(s)	22	1,401	89	58	197	3,056
December	40	2	723	166	307	291	4	22	1,456	72	60	222	3,197
Total	**853**	**20**	**8,183**	**1,586**	**3,289**	**3,350**	**18**	**289**	**17,251**	[R] **771**	**751**	**2,553**	**37,330**
2017 January	39	1	676	201	338	280	2	20	1,333	78	90	208	3,066
February	45	1	631	142	265	242	1	21	1,273	45	48	190	2,761
March	54	2	743	136	290	293	(s)	25	1,467	33	71	237	3,215
April	63	2	656	121	267	275	1	19	1,404	59	60	234	3,039
May	75	2	709	103	263	294	1	20	1,504	64	72	222	3,225
June	95	3	687	97	254	300	(s)	20	1,482	[R] 49	79	226	3,194
July	[R] 91	2	[R] 663	[R] 110	[R] 274	[R] 304	[R] (s)	[R] 19	[R] 1,501	[R] 87	[R] 53	[R] 225	[R] 3,218
August	[F] 108	[F] 2	[E] 735	[E] 114	[RF] 259	[E] 314	[RF] (s)	[RF] 24	[E] 1,500	[F] 73	[E] 58	[RE] 279	[RE] 3,352
September	[F] 91	[F] 2	[E] 691	[E] 123	[F] 270	[E] 280	[F] 1	[F] 24	[E] 1,435	[F] 63	[E] 52	[E] 232	[E] 3,141
9-Month Total	[E] **662**	[E] **16**	[E] **6,189**	[E] **1,145**	[E] **2,479**	[E] **2,581**	[E] **7**	[E] **191**	[E] **12,899**	[E] **552**	[E] **581**	[E] **2,053**	[E] **28,211**
2016 9-Month Total	**666**	**16**	**6,067**	**1,165**	**2,433**	**2,499**	**11**	**221**	**12,968**	**551**	**567**	**1,917**	**27,916**
2015 9-Month Total	**649**	**16**	**6,361**	**1,199**	**2,461**	**2,384**	**8**	**234**	**12,683**	**604**	**431**	**1,843**	**27,674**

[a] Hydrocarbon gas liquids.

[b] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.

[c] Propane and propylene. Through 1983, also includes 40% of "Butane-Propane Mixtures" and 30% of "Ethane-Propane Mixtures."

[d] Ethane, propane, normal butane, isobutane, natural gasoline (pentanes plus), and refinery olefins (ethylene, propylene, butylene, and isobutylene). Through 1983, also includes plant condensate and unfractionated stream.

[e] Beginning in 1957, includes kerosene-type jet fuel. For 1952–2004, also includes naphtha-type jet fuel. (Through 1951, naphtha-type jet fuel is included in the products from which it was blended—gasoline, kerosene, and distillate fuel oil. Beginning in 2005, naphtha-type jet fuel is included in "Other.").

[f] Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

[g] Petrochemical feedstocks, still gas (refinery gas), waxes, and miscellaneous products. Beginning in 1964, also includes special naphthas. Beginning in 1981, also includes negative barrels per day of distillate and residual fuel oil reclassified as unfinished oils, and other products (from both primary and secondary supply) reclassified as gasoline blending components. Beginning in 1983, also includes crude oil burned as fuel. Beginning in 2005, also includes naphtha-type jet fuel.

R=Revised. E=Estimate. F=Forecast. NA=Not available. (s)=Less than 0.5 trillion Btu and greater than -0.5 trillion Btu.

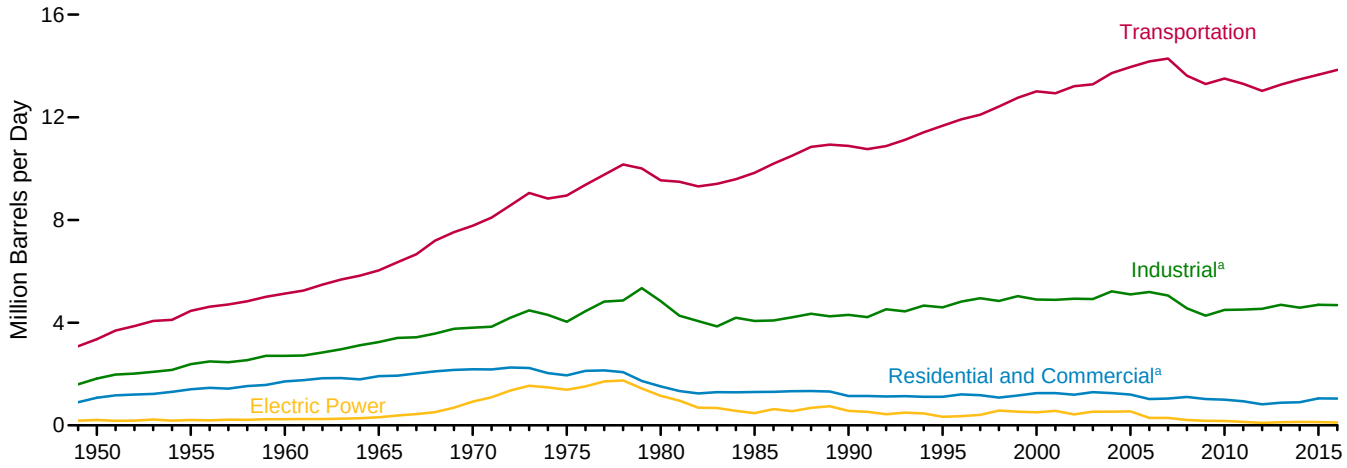
Notes: • Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

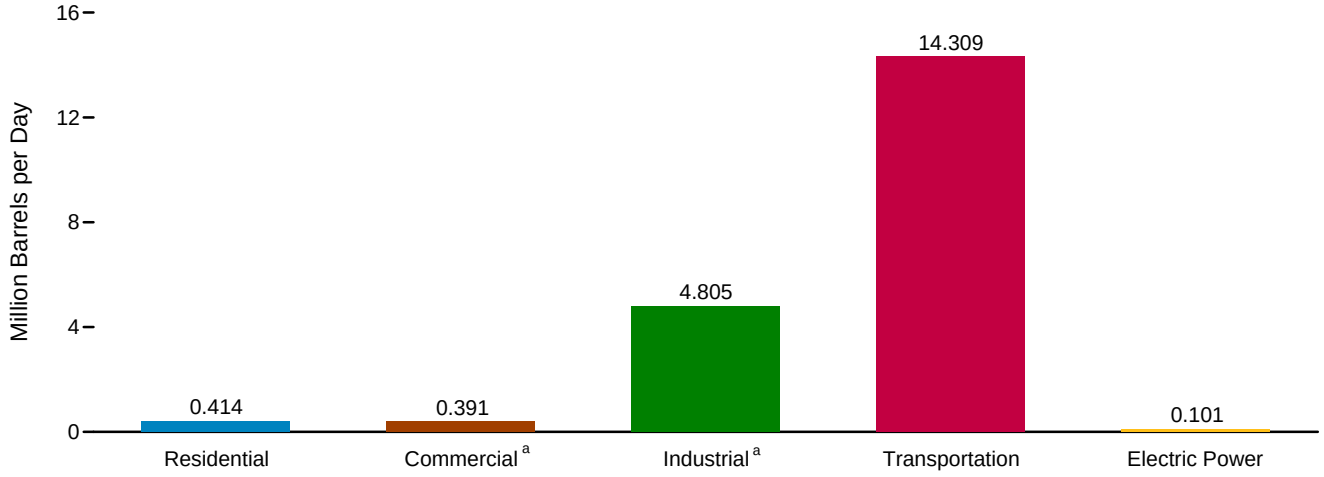
Sources: See end of section.

Figure 3.7 Petroleum Consumption by Sector

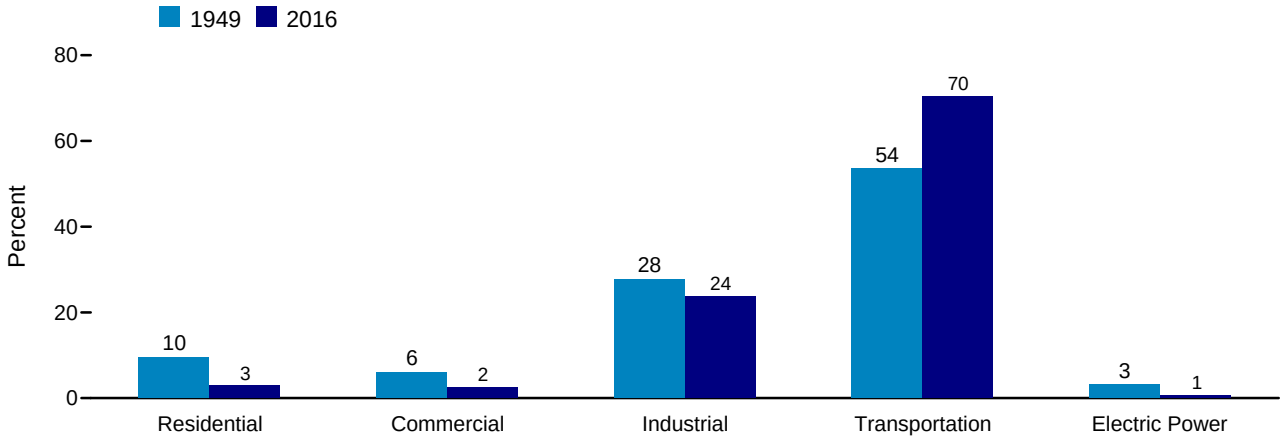
By Sector, 1949–2016



By Sector, July 2017



Sector Shares 1949 and 2016



[a] Includes combined-heat-and-power plants and a small number of electricity-only plants.

Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Sources: Tables 3.7a–3.7c.

Table 3.7a Petroleum Consumption: Residential and Commercial Sectors

(Thousand Barrels per Day)

	Residential Sector				Commercial Sector[a]						
	Distillate Fuel Oil	HGL[b] Propane[c]	Kero-sene	Total	Distillate Fuel Oil	HGL[b] Propane[c]	Kero-sene	Motor Gasoline[d,e]	Petroleum Coke	Residual Fuel Oil	Total
1950 Average	**390**	**104**	**168**	**662**	**123**	**28**	**23**	**52**	**NA**	**185**	**411**
1955 Average	**562**	**144**	**179**	**885**	**177**	**38**	**24**	**69**	**NA**	**209**	**519**
1960 Average	**736**	**217**	**171**	**1,123**	**232**	**58**	**23**	**35**	**NA**	**243**	**590**
1965 Average	**805**	**275**	**161**	**1,242**	**251**	**74**	**26**	**40**	**NA**	**281**	**672**
1970 Average	**883**	**392**	**144**	**1,419**	**276**	**102**	**30**	**45**	**NA**	**311**	**764**
1975 Average	**850**	**365**	**78**	**1,293**	**276**	**92**	**24**	**46**	**NA**	**214**	**653**
1980 Average	**617**	**222**	**51**	**890**	**243**	**63**	**20**	**56**	**NA**	**245**	**626**
1985 Average	**514**	**224**	**77**	**815**	**297**	**68**	**16**	**50**	**NA**	**99**	**530**
1990 Average	**460**	**252**	**31**	**742**	**252**	**73**	**6**	**58**	**0**	**100**	**489**
1995 Average	**426**	**282**	**36**	**743**	**225**	**78**	**11**	**10**	**(s)**	**62**	**385**
2000 Average	**424**	**395**	**46**	**865**	**230**	**107**	**14**	**23**	**(s)**	**40**	**415**
2001 Average	**427**	**375**	**46**	**849**	**239**	**102**	**15**	**20**	**(s)**	**30**	**406**
2002 Average	**404**	**384**	**29**	**817**	**209**	**101**	**8**	**24**	**(s)**	**35**	**376**
2003 Average	**438**	**389**	**34**	**861**	**233**	**112**	**9**	**32**	**(s)**	**48**	**434**
2004 Average	**433**	**364**	**41**	**839**	**221**	**108**	**10**	**23**	**(s)**	**53**	**416**
2005 Average	**402**	**366**	**40**	**809**	**210**	**94**	**10**	**24**	**(s)**	**50**	**389**
2006 Average	**335**	**318**	**32**	**685**	**189**	**88**	**7**	**26**	**(s)**	**33**	**343**
2007 Average	**342**	**345**	**21**	**708**	**181**	**87**	**4**	**32**	**(s)**	**33**	**337**
2008 Average	**354**	**394**	**10**	**758**	**181**	**113**	**2**	**24**	**(s)**	**31**	**351**
2009 Average	**276**	**391**	**13**	**680**	**187**	**99**	**2**	**28**	**(s)**	**31**	**348**
2010 Average	**266**	**379**	**14**	**659**	**185**	**100**	**2**	**28**	**(s)**	**27**	**343**
2011 Average	**248**	**348**	**9**	**605**	**186**	**101**	**2**	**24**	**(s)**	**23**	**335**
2012 Average	**228**	**286**	**4**	**518**	**168**	**98**	**1**	**21**	**(s)**	**14**	**301**
2013 Average	**233**	**337**	**4**	**574**	**163**	**110**	**(s)**	**22**	**(s)**	**11**	**306**
2014 Average	**253**	**329**	**7**	**589**	**169**	**108**	**1**	**29**	**(s)**	**3**	**311**
2015 January	424	350	2	776	277	116	(s)	[e] 195	(s)	3	592
February	405	344	7	757	265	114	1	200	(s)	3	583
March	290	295	9	594	190	98	1	205	(s)	2	496
April	181	276	1	457	118	92	(s)	208	(s)	1	419
May	175	276	16	467	114	92	2	209	(s)	1	419
June	106	286	(s)	393	69	95	(s)	213	0	1	378
July	118	293	1	412	77	97	(s)	214	0	1	390
August	147	282	1	430	96	94	(s)	214	(s)	1	405
September	144	271	(s)	415	94	90	(s)	210	(s)	1	396
October	353	294	2	649	230	98	(s)	209	(s)	2	540
November	391	311	1	704	256	103	(s)	206	(s)	3	568
December	412	336	19	766	269	112	3	207	(s)	3	593
Average	**262**	**301**	**5**	**568**	**171**	**100**	**1**	**208**	**(s)**	**2**	**481**
2016 January	378	355	1	735	247	118	(s)	196	(s)	4	565
February	395	343	2	739	258	114	(s)	209	(s)	4	585
March	261	312	8	581	170	104	1	212	(s)	3	490
April	237	288	3	527	155	96	(s)	208	(s)	2	461
May	208	289	6	503	136	96	1	213	0	2	448
June	147	267	8	422	96	89	1	217	(s)	1	405
July	151	287	8	447	99	95	1	217	(s)	2	414
August	118	278	1	396	77	92	(s)	219	0	1	389
September	185	290	11	485	121	96	1	214	0	2	435
October	253	298	15	566	165	99	2	206	0	3	474
November	282	300	2	583	184	100	(s)	209	(s)	3	496
December	442	326	16	785	289	108	2	210	(s)	5	614
Average	**254**	**303**	**7**	**564**	**166**	**101**	**1**	**211**	**(s)**	**3**	**481**
2017 January	423	362	10	795	276	120	1	192	(s)	4	595
February	348	317	5	670	227	105	1	203	(s)	4	540
March	295	309	1	606	193	103	(s)	212	(s)	3	511
April	244	295	5	544	159	98	1	209	(s)	2	470
May	169	283	2	454	110	94	(s)	217	(s)	2	423
June	210	296	2	508	137	98	(s)	221	(s)	2	459
July	113	300	(s)	414	74	100	(s)	216	(s)	1	391
7-Month Average	**256**	**309**	**4**	**569**	**167**	**103**	**1**	**210**	**(s)**	**3**	**484**
2016 7-Month Average	**253**	**306**	**5**	**564**	**165**	**102**	**1**	**210**	**(s)**	**3**	**480**
2015 7-Month Average	**242**	**303**	**5**	**549**	**158**	**100**	**1**	**206**	**(s)**	**2**	**467**

[a] Commercial sector fuel use, including that at commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

[b] Hydrocarbon gas liquids.

[c] Propane and propylene.

[d] Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

[e] There is a discontinuity in this time series between 2014 and 2015 due to a change in the method for allocating motor gasoline consumption to the end-use sectors. Beginning in 2015, the commercial and industrial sector shares of motor gasoline consumption are larger than in 2014, while the transportation sector share is smaller.

NA=Not available. (s)=Less than 500 barrels per day and greater than -500 barrels per day.

Notes: • Data are estimates. • For total petroleum consumption by all sectors, see petroleum products supplied data in Table 3.5. Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.

Table 3.7b Petroleum Consumption: Industrial Sector

(Thousand Barrels per Day)

	Industrial Sector[a]										
	Asphalt and Road Oil	Distillate Fuel Oil	HGL[b]		Kerosene	Lubricants	Motor Gasoline[e,f]	Petroleum Coke	Residual Fuel Oil	Other[g]	Total
			Propane[c]	Total[d]							
1950 Average	**180**	**328**	**NA**	**100**	**132**	**43**	**131**	**41**	**617**	**250**	**1,822**
1955 Average	**254**	**466**	**NA**	**212**	**116**	**47**	**173**	**67**	**686**	**366**	**2,387**
1960 Average	**302**	**476**	**NA**	**333**	**78**	**48**	**198**	**149**	**689**	**435**	**2,708**
1965 Average	**368**	**541**	**NA**	**470**	**80**	**62**	**179**	**202**	**689**	**657**	**3,247**
1970 Average	**447**	**577**	**256**	**699**	**89**	**70**	**150**	**203**	**708**	**866**	**3,808**
1975 Average	**419**	**630**	**302**	**863**	**58**	**68**	**116**	**246**	**658**	**982**	**4,038**
1980 Average	**396**	**621**	**516**	**1,293**	**87**	**82**	**82**	**234**	**586**	**1,460**	**4,842**
1985 Average	**425**	**526**	**569**	**1,408**	**21**	**75**	**114**	**261**	**326**	**909**	**4,065**
1990 Average	**483**	**541**	**576**	**1,364**	**6**	**84**	**97**	**325**	**179**	**1,225**	**4,304**
1995 Average	**486**	**532**	**723**	**1,727**	**7**	**80**	**105**	**328**	**147**	**1,180**	**4,594**
2000 Average	**525**	**563**	**724**	**1,923**	**8**	**86**	**79**	**361**	**105**	**1,255**	**4,903**
2001 Average	**519**	**611**	**654**	**1,713**	**11**	**79**	**155**	**390**	**89**	**1,325**	**4,892**
2002 Average	**512**	**566**	**754**	**1,801**	**7**	**78**	**163**	**383**	**83**	**1,342**	**4,934**
2003 Average	**503**	**551**	**701**	**1,691**	**12**	**72**	**171**	**375**	**96**	**1,448**	**4,918**
2004 Average	**537**	**570**	**790**	**1,778**	**14**	**73**	**195**	**423**	**108**	**1,525**	**5,222**
2005 Average	**546**	**594**	**749**	**1,666**	**19**	**72**	**187**	**404**	**123**	**1,489**	**5,100**
2006 Average	**521**	**594**	**789**	**1,710**	**14**	**71**	**198**	**425**	**104**	**1,557**	**5,193**
2007 Average	**494**	**595**	**787**	**1,744**	**6**	**73**	**161**	**412**	**84**	**1,487**	**5,056**
2008 Average	**417**	**637**	**619**	**1,510**	**2**	**67**	**131**	**394**	**84**	**1,317**	**4,559**
2009 Average	**360**	**509**	**650**	**1,617**	**2**	**61**	**128**	**363**	**57**	**1,175**	**4,272**
2010 Average	**362**	**547**	**660**	**1,766**	**4**	**68**	**140**	**310**	**52**	**1,251**	**4,500**
2011 Average	**355**	**586**	**680**	**1,769**	**2**	**64**	**138**	**295**	**59**	**1,240**	**4,507**
2012 Average	**340**	**602**	**765**	**1,888**	**1**	**59**	**136**	**319**	**30**	**1,165**	**4,540**
2013 Average	**323**	**601**	**796**	**2,022**	**1**	**62**	**142**	**295**	**21**	**1,227**	**4,694**
2014 Average	**327**	**648**	**696**	**1,972**	**1**	**65**	**114**	**290**	**18**	**1,151**	**4,586**
2015 January	200	714	1,080	2,422	(s)	79	[f]132	342	17	1,079	4,984
February	215	826	1,080	2,401	1	63	135	146	8	1,173	4,967
March	222	658	807	2,127	1	78	138	334	16	1,075	4,650
April	303	650	573	1,973	(s)	76	140	330	11	1,126	4,609
May	343	466	496	1,928	3	82	141	330	14	1,281	4,588
June	472	543	644	2,021	(s)	68	144	357	12	1,231	4,848
July	480	515	612	2,050	(s)	80	144	335	18	1,265	4,887
August	510	486	640	2,052	(s)	62	144	350	17	1,156	4,777
September	469	662	584	1,897	(s)	65	142	222	15	1,106	4,577
October	400	444	664	2,121	(s)	75	141	281	14	951	4,426
November	287	328	725	2,141	(s)	54	139	264	17	1,159	4,387
December	212	396	905	2,347	3	67	139	239	18	1,231	4,653
Average	**343**	**555**	**733**	**2,122**	**1**	**71**	**140**	**295**	**15**	**1,153**	**4,695**
2016 January	195	604	1,068	2,451	(s)	70	132	326	20	1,126	4,924
February	230	657	1,054	2,309	(s)	76	141	305	11	1,362	5,091
March	254	654	748	2,168	1	73	143	306	23	1,107	4,729
April	301	500	540	1,992	(s)	67	140	231	28	1,205	4,465
May	394	443	554	1,970	1	68	144	218	20	1,075	4,333
June	482	517	450	1,889	1	75	146	185	21	1,159	4,476
July	472	338	542	2,011	1	59	146	259	26	1,103	4,416
August	524	530	555	1,912	(s)	64	148	371	19	1,261	4,828
September	439	575	616	2,016	2	64	145	223	15	1,171	4,649
October	417	562	612	2,131	2	68	139	272	21	1,175	4,787
November	310	585	715	2,092	(s)	62	141	436	19	1,101	4,745
December	195	522	932	2,310	3	59	141	329	19	1,201	4,779
Average	**351**	**540**	**698**	**2,104**	**1**	**67**	**142**	**289**	**20**	**1,170**	**4,684**
2017 January	192	521	1,171	2,532	2	54	130	355	29	1,127	4,942
February	241	601	869	2,232	1	64	137	215	16	1,148	4,654
March	265	741	701	2,193	(s)	68	143	132	23	1,292	4,856
April	318	487	631	2,089	1	54	141	297	20	1,309	4,716
May	365	623	460	2,012	(s)	56	146	288	23	1,201	4,714
June	477	525	419	2,016	(s)	56	149	215	26	1,266	4,729
July	441	443	493	2,084	(s)	51	146	408	17	1,215	4,805
7-Month Average	**329**	**563**	**677**	**2,165**	**1**	**57**	**142**	**274**	**22**	**1,223**	**4,776**
2016 7-Month Average	**333**	**529**	**707**	**2,113**	**1**	**70**	**142**	**262**	**21**	**1,160**	**4,631**
2015 7-Month Average	**320**	**622**	**753**	**2,129**	**1**	**75**	**139**	**313**	**14**	**1,176**	**4,789**

[a] Industrial sector fuel use, including that at industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

[b] Hydrocarbon gas liquids.

[c] Propane and propylene. Through 1983, also includes 40% of "Butane-Propane Mixtures" and 30% of "Ethane-Propane Mixtures."

[d] Ethane, propane, normal butane, isobutane, natural gasoline (pentanes plus), and refinery olefins (ethylene, propylene, butylene, and isobutylene). Through 1983, also includes plant condensate and unfractionated stream.

[e] Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

[f] There is a discontinuity in this time series between 2014 and 2015 due to a change in the method for allocating motor gasoline consumption to the end-use sectors. Beginning in 2015, the commercial and industrial sector shares of motor gasoline consumption are larger than in 2014, while the transportation sector share is smaller.

[g] Petrochemical feedstocks, still gas (refinery gas), waxes, and miscellaneous products. Beginning in 1964, also includes special naphthas. Beginning in 1981, also includes negative barrels per day of distillate and residual fuel oil reclassified as unfinished oils, and other products (from both primary and secondary supply) reclassified as gasoline blending components. Beginning in 1983, also includes crude oil burned as fuel. Beginning in 2005, also includes naphtha-type jet fuel.

NA=Not available. (s)=Less than 500 barrels per day and greater than -500 barrels per day.

Notes: • Data are estimates. • For total petroleum consumption by all sectors, see petroleum products supplied data in Table 3.5. Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.

Table 3.7c Petroleum Consumption: Transportation and Electric Power Sectors

(Thousand Barrels per Day)

	Transportation Sector								Electric Power Sector[a]			
	Aviation Gasoline	Distillate Fuel Oil[c]	HGL[b] Propane[d]	Jet Fuel[e]	Lubricants	Motor Gasoline[f,g]	Residual Fuel Oil	Total	Distillate Fuel Oil[h]	Petroleum Coke	Residual Fuel Oil[i]	Total
1950 Average	**108**	**226**	**2**	**([e])**	**64**	**2,433**	**524**	**3,356**	**15**	**NA**	**192**	**207**
1955 Average	**192**	**372**	**9**	**154**	**70**	**3,221**	**440**	**4,458**	**15**	**NA**	**191**	**206**
1960 Average	**161**	**418**	**13**	**371**	**68**	**3,736**	**367**	**5,135**	**10**	**NA**	**231**	**241**
1965 Average	**120**	**514**	**23**	**602**	**67**	**4,374**	**336**	**6,036**	**14**	**NA**	**302**	**316**
1970 Average	**55**	**738**	**32**	**967**	**66**	**5,589**	**332**	**7,778**	**66**	**9**	**853**	**928**
1975 Average	**39**	**998**	**31**	**992**	**70**	**6,512**	**310**	**8,951**	**107**	**1**	**1,280**	**1,388**
1980 Average	**35**	**1,311**	**13**	**1,062**	**77**	**6,441**	**608**	**9,546**	**79**	**2**	**1,069**	**1,151**
1985 Average	**27**	**1,491**	**21**	**1,218**	**71**	**6,667**	**342**	**9,838**	**40**	**3**	**435**	**478**
1990 Average	**24**	**1,722**	**16**	**1,522**	**80**	**7,080**	**443**	**10,888**	**45**	**14**	**507**	**566**
1995 Average	**21**	**1,973**	**13**	**1,514**	**76**	**7,674**	**397**	**11,668**	**51**	**37**	**247**	**334**
2000 Average	**20**	**2,422**	**8**	**1,725**	**81**	**8,370**	**386**	**13,012**	**82**	**45**	**378**	**505**
2001 Average	**19**	**2,489**	**10**	**1,655**	**74**	**8,435**	**255**	**12,938**	**80**	**47**	**437**	**564**
2002 Average	**18**	**2,536**	**10**	**1,614**	**73**	**8,662**	**295**	**13,208**	**60**	**80**	**287**	**427**
2003 Average	**16**	**2,629**	**13**	**1,578**	**68**	**8,733**	**249**	**13,286**	**76**	**79**	**379**	**534**
2004 Average	**17**	**2,783**	**14**	**1,630**	**69**	**8,887**	**321**	**13,720**	**52**	**101**	**382**	**535**
2005 Average	**19**	**2,858**	**20**	**1,679**	**68**	**8,948**	**365**	**13,957**	**54**	**111**	**382**	**547**
2006 Average	**18**	**3,017**	**20**	**1,633**	**67**	**9,029**	**395**	**14,178**	**35**	**97**	**157**	**289**
2007 Average	**17**	**3,037**	**16**	**1,622**	**69**	**9,093**	**433**	**14,287**	**42**	**78**	**173**	**293**
2008 Average	**15**	**2,738**	**29**	**1,539**	**64**	**8,834**	**402**	**13,621**	**34**	**70**	**104**	**209**
2009 Average	**14**	**2,626**	**20**	**1,393**	**57**	**8,841**	**344**	**13,297**	**33**	**63**	**79**	**175**
2010 Average	**15**	**2,764**	**21**	**1,432**	**64**	**8,824**	**389**	**13,508**	**38**	**65**	**67**	**170**
2011 Average	**15**	**2,849**	**24**	**1,425**	**61**	**8,591**	**338**	**13,303**	**30**	**66**	**41**	**137**
2012 Average	**14**	**2,719**	**26**	**1,398**	**56**	**8,525**	**291**	**13,029**	**25**	**41**	**33**	**99**
2013 Average	**12**	**2,804**	**32**	**1,434**	**59**	**8,679**	**253**	**13,274**	**26**	**59**	**34**	**119**
2014 Average	**12**	**2,928**	**34**	**1,470**	**61**	**8,778**	**195**	**13,477**	**39**	**57**	**41**	**137**
2015 January	8	2,729	33	1,375	74	[g] 8,312	218	12,750	41	61	57	159
February	8	2,931	32	1,445	60	8,494	35	13,006	132	71	149	352
March	9	2,913	28	1,548	74	8,714	217	13,503	27	43	28	97
April	14	3,058	26	1,527	72	8,842	133	13,672	21	47	27	95
May	13	2,996	26	1,519	77	8,912	194	13,738	26	53	25	105
June	12	3,153	27	1,654	64	9,061	158	14,130	26	50	29	105
July	18	3,168	28	1,650	76	9,112	269	14,320	23	65	38	126
August	11	3,165	27	1,601	59	9,102	247	14,212	22	61	33	116
September	11	3,142	26	1,534	62	8,937	221	13,932	21	61	30	112
October	14	2,967	28	1,614	70	8,895	193	13,781	20	47	27	94
November	9	2,740	29	1,524	51	8,767	250	13,370	26	42	30	99
December	9	2,731	32	1,578	63	8,801	270	13,484	24	43	26	93
Average	**11**	**2,974**	**28**	**1,548**	**67**	**8,831**	**202**	**13,662**	**33**	**54**	**41**	**128**
2016 January	7	2,584	33	1,449	66	8,326	249	12,715	38	53	34	124
February	11	2,659	32	1,534	72	8,872	129	13,309	28	55	39	123
March	10	2,840	29	1,547	69	9,018	314	13,828	21	58	21	100
April	14	2,887	27	1,566	64	8,828	396	13,781	20	63	22	105
May	11	2,920	27	1,578	64	9,060	278	13,939	25	57	24	106
June	12	3,070	25	1,723	71	9,244	288	14,432	23	61	28	112
July	12	2,984	27	1,720	56	9,215	354	14,368	26	63	43	131
August	14	3,131	26	1,722	60	9,320	256	14,530	25	66	41	132
September	11	3,011	27	1,635	61	9,125	207	14,077	20	62	29	111
October	10	2,987	28	1,610	64	8,749	287	13,734	19	39	30	88
November	12	2,862	28	1,632	59	8,884	260	13,736	25	49	24	99
December	10	2,761	31	1,653	56	8,932	254	13,697	29	53	28	109
Average	**11**	**2,892**	**29**	**1,614**	**63**	**8,964**	**273**	**13,847**	**25**	**57**	**30**	**112**
2017 January	9	2,529	34	1,593	51	8,179	399	12,796	32	57	28	117
February	9	2,701	30	1,525	60	8,646	224	13,194	27	47	26	100
March	10	2,898	29	1,669	64	8,998	313	13,982	26	43	24	93
April	10	2,877	28	1,617	51	8,898	273	13,754	24	25	24	73
May	11	3,040	27	1,671	52	9,227	316	14,345	26	51	27	104
June	17	3,075	28	1,762	53	9,397	360	14,691	22	56	30	108
July	13	3,055	28	1,728	48	9,210	227	14,309	22	52	27	101
7-Month Average	**11**	**2,884**	**29**	**1,654**	**54**	**8,939**	**303**	**13,873**	**26**	**47**	**26**	**99**
2016 7-Month Average	**11**	**2,850**	**29**	**1,588**	**66**	**8,937**	**288**	**13,769**	**26**	**59**	**30**	**114**
2015 7-Month Average	**12**	**2,992**	**29**	**1,532**	**71**	**8,780**	**177**	**13,594**	**41**	**55**	**49**	**146**

[a] Electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers.

[b] Hydrocarbon gas liquids.

[c] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.

[d] Propane and propylene.

[e] Beginning in 1957, includes kerosene-type jet fuel. For 1952–2004, also includes naphtha-type jet fuel. (Through 1951, naphtha-type jet fuel is included in the products from which it was blended—gasoline, kerosene, and distillate fuel oil. Beginning in 2005, naphtha-type jet fuel is included in "Other" on Table 3.7b.)

[f] Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

[g] There is a discontinuity in this time series between 2014 and 2015 due to a change in the method for allocating motor gasoline consumption to the end-use sectors. Beginning in 2015, the commercial and industrial sector shares of motor gasoline consumption are larger than in 2014, while the transportation sector share is smaller.

[h] Fuel oil nos. 1, 2, and 4. Through 1979, data are for gas turbine and internal combustion plant use of petroleum. Through 2000, electric utility data also include small amounts of kerosene and jet fuel.

[i] Fuel oil nos. 5 and 6. Through 1979, data are for steam plant use of petroleum. Through 2000, electric utility data also include a small amount of fuel oil no. 4.

NA=Not available.

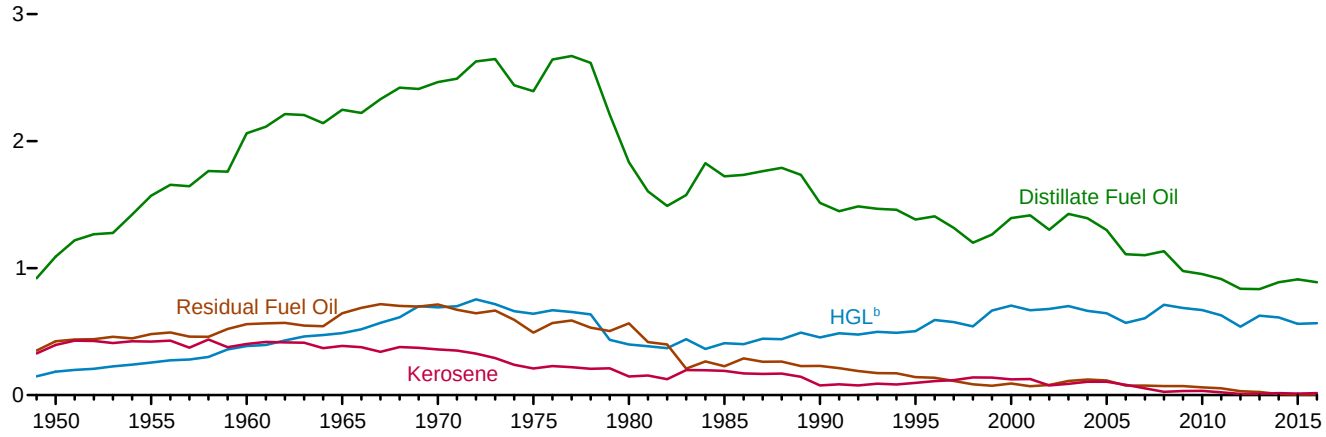
Notes: • Transportation sector data are estimates. • For total petroleum consumption by all sectors, see petroleum products supplied data in Table 3.5. Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. Other measurements of consumption by fuel type or sector may differ. For example, jet fuel product supplied may not equal jet fuel consumed by U.S-flagged aircraft. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

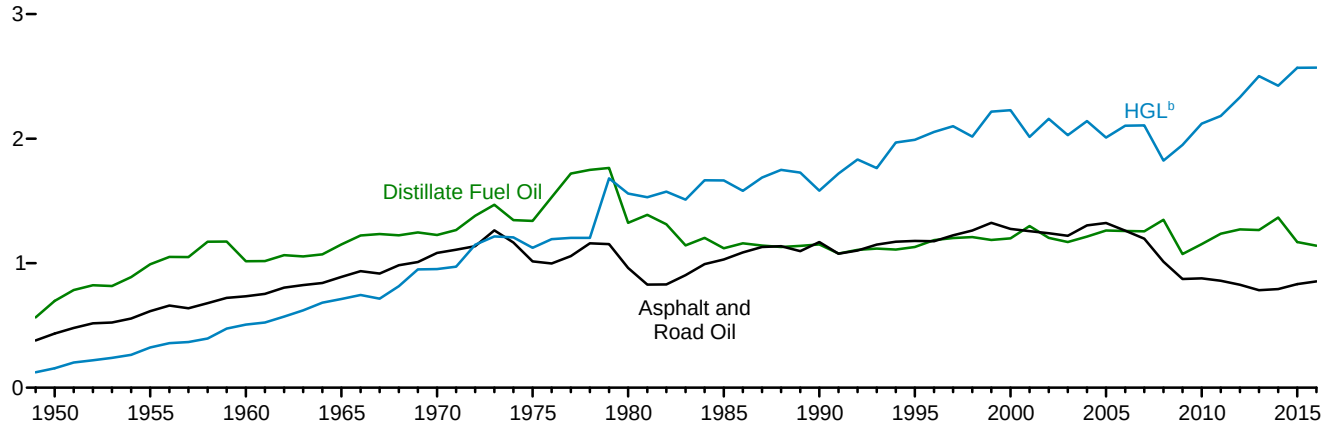
Sources: See end of section.

Figure 3.8a Heat Content of Petroleum Consumption by End-Use Sector, 1949–2016
(Quadrillion Btu)

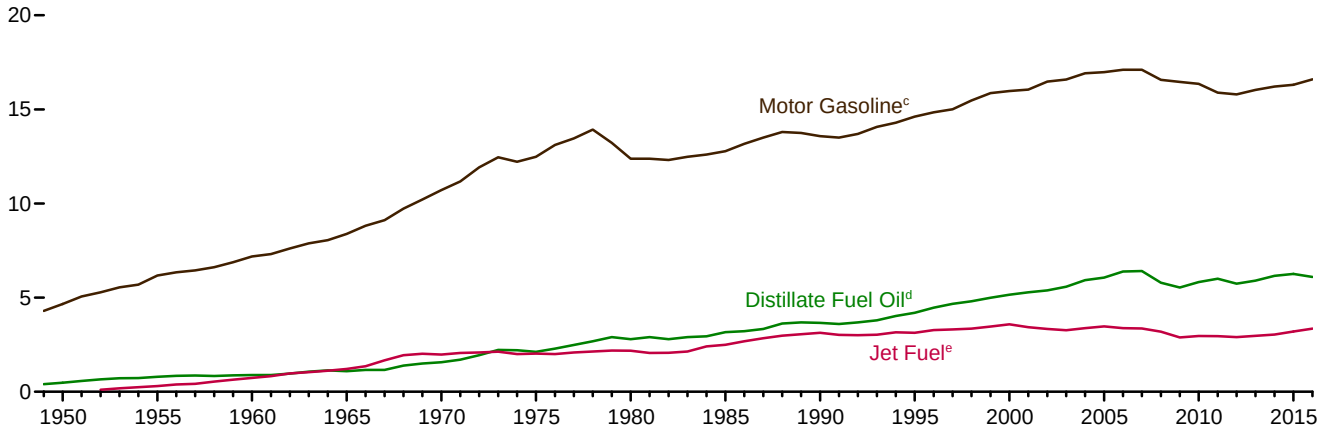
Residential and Commercial[a] Sectors, Selected Products



Industrial[a] Sector, Selected Products



Transportation Sector, Selected Products

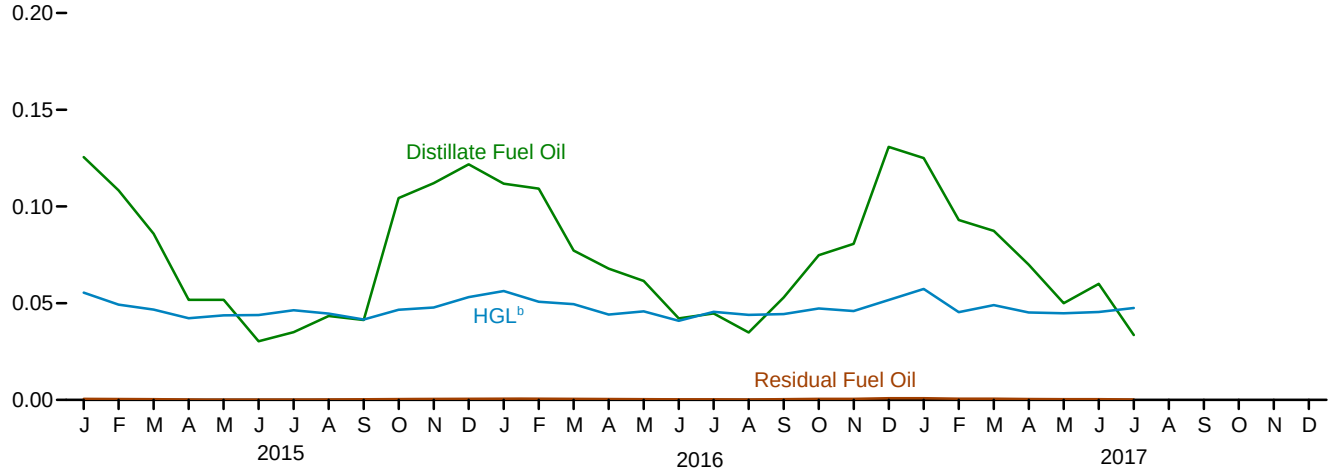


[a] Includes combined-heat-and-power plants and a small number of electricity-only plants.
[b] Hydrocarbon gas liquids.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[d] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.
[e] Beginning in 2005, includes kerosene-type jet fuel only.

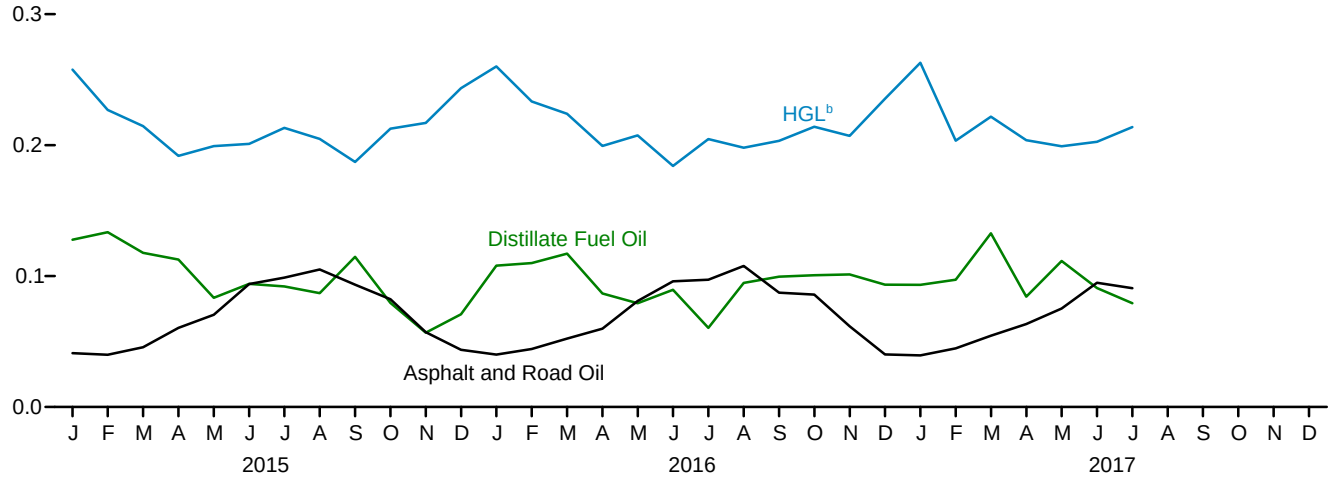
Note: Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. Other measurements of consumption by fuel type or sector may differ. For example, jet fuel product supplied may not equal jet fuel consumed by U.S.-flagged aircraft.
Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Sources: Tables 3.8a–3.8c.

Figure 3.8b Heat Content of Petroleum Consumption by End-Use Sector, Monthly
(Quadrillion Btu)

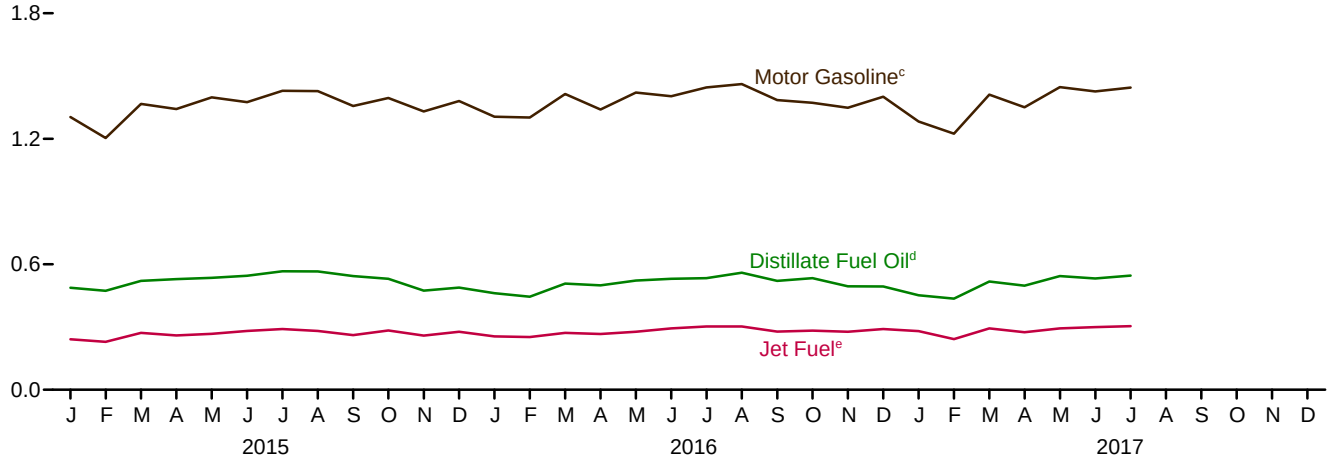
Residential and Commercial[a] Sectors, Selected Products



Industrial[a] Sector, Selected Products



Transportation Sector, Selected Products



[a] Includes combined-heat-and-power plants and a small number of electricity-only plants.
[b] Hydrocarbon gas liquids.
[c] Includes fuel ethanol blended into motor gasoline.
[d] Includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.
[e] Includes kerosene-type jet fuel only.

Note: Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. Other measurements of consumption by fuel type or sector may differ. For example, jet fuel product supplied may not equal jet fuel consumed by U.S.-flagged aircraft.
Web Page: http://www.eia.gov/totalenergy/data/monthly/#petroleum.
Sources: Tables 3.8a–3.8c.

Table 3.8a Heat Content of Petroleum Consumption: Residential and Commercial Sectors

(Trillion Btu)

	Residential Sector				Commercial Sector[a]						
	Distillate Fuel Oil	HGL[b] Propane[c]	Kero-sene	Total	Distillate Fuel Oil	HGL[b] Propane[c]	Kero-sene	Motor Gasoline[d,e]	Petroleum Coke	Residual Fuel Oil	Total
1950 Total	**829**	**146**	**347**	**1,322**	**262**	**39**	**47**	**100**	**NA**	**424**	**872**
1955 Total	**1,194**	**202**	**371**	**1,767**	**377**	**54**	**51**	**133**	**NA**	**480**	**1,095**
1960 Total	**1,568**	**305**	**354**	**2,227**	**494**	**81**	**48**	**67**	**NA**	**559**	**1,248**
1965 Total	**1,713**	**385**	**334**	**2,432**	**534**	**103**	**54**	**77**	**NA**	**645**	**1,413**
1970 Total	**1,878**	**549**	**298**	**2,725**	**587**	**143**	**61**	**86**	**NA**	**714**	**1,592**
1975 Total	**1,807**	**512**	**161**	**2,479**	**587**	**129**	**49**	**89**	**NA**	**492**	**1,346**
1980 Total	**1,316**	**311**	**107**	**1,734**	**518**	**88**	**41**	**107**	**NA**	**565**	**1,318**
1985 Total	**1,092**	**314**	**159**	**1,565**	**631**	**95**	**33**	**96**	**NA**	**228**	**1,083**
1990 Total	**978**	**352**	**64**	**1,394**	**536**	**102**	**12**	**111**	**0**	**230**	**991**
1995 Total	**904**	**395**	**74**	**1,373**	**478**	**109**	**22**	**18**	**(s)**	**141**	**769**
2000 Total	**904**	**555**	**95**	**1,553**	**490**	**150**	**30**	**45**	**(s)**	**92**	**807**
2001 Total	**907**	**526**	**95**	**1,528**	**508**	**143**	**31**	**37**	**(s)**	**70**	**789**
2002 Total	**859**	**537**	**60**	**1,456**	**444**	**141**	**16**	**45**	**(s)**	**80**	**726**
2003 Total	**931**	**544**	**70**	**1,546**	**496**	**157**	**19**	**60**	**(s)**	**111**	**842**
2004 Total	**923**	**512**	**85**	**1,519**	**470**	**152**	**20**	**45**	**(s)**	**122**	**810**
2005 Total	**853**	**513**	**84**	**1,450**	**447**	**131**	**22**	**46**	**(s)**	**116**	**762**
2006 Total	**709**	**446**	**66**	**1,221**	**400**	**123**	**15**	**48**	**(s)**	**75**	**662**
2007 Total	**721**	**484**	**44**	**1,249**	**381**	**121**	**9**	**60**	**(s)**	**75**	**648**
2008 Total	**750**	**553**	**21**	**1,324**	**384**	**158**	**4**	**45**	**(s)**	**71**	**663**
2009 Total	**582**	**547**	**28**	**1,157**	**395**	**139**	**4**	**52**	**(s)**	**71**	**662**
2010 Total	**562**	**530**	**29**	**1,121**	**391**	**140**	**5**	**52**	**(s)**	**62**	**650**
2011 Total	**523**	**487**	**19**	**1,028**	**391**	**141**	**3**	**44**	**(s)**	**54**	**633**
2012 Total	**482**	**401**	**8**	**891**	**355**	**137**	**1**	**39**	**(s)**	**31**	**564**
2013 Total	**491**	**472**	**8**	**971**	**344**	**154**	**1**	**40**	**(s)**	**24**	**563**
2014 Total	**533**	**461**	**14**	**1,008**	**357**	**151**	**2**	**54**	**1**	**8**	**572**
2015 January	76	42	(s)	118	50	14	(s)	[e] 31	(s)	1	95
February	66	37	1	104	43	12	(s)	28	(s)	(s)	84
March	52	35	2	89	34	12	(s)	32	(s)	(s)	78
April	31	32	(s)	63	20	11	(s)	32	(s)	(s)	63
May	31	33	3	67	20	11	(s)	33	(s)	(s)	65
June	18	33	(s)	51	12	11	(s)	32	0	(s)	55
July	21	35	(s)	56	14	12	(s)	34	0	(s)	59
August	26	34	(s)	60	17	11	(s)	34	(s)	(s)	62
September	25	31	(s)	56	16	10	(s)	32	(s)	(s)	59
October	63	35	(s)	98	41	12	(s)	33	(s)	(s)	86
November	68	36	(s)	104	44	12	(s)	31	(s)	(s)	88
December	74	40	3	117	48	13	(s)	32	(s)	1	95
Total	**551**	**421**	**10**	**983**	**360**	**140**	**1**	**383**	**1**	**4**	**889**
2016 January	68	42	(s)	110	44	14	(s)	31	(s)	1	90
February	66	38	(s)	104	43	13	(s)	31	(s)	1	87
March	47	37	1	85	31	12	(s)	33	(s)	1	77
April	41	33	(s)	75	27	11	(s)	31	(s)	(s)	70
May	37	34	1	73	24	11	(s)	33	0	(s)	70
June	25	31	1	58	17	10	(s)	33	(s)	(s)	60
July	27	34	1	63	18	11	(s)	34	(s)	(s)	64
August	21	33	(s)	54	14	11	(s)	34	0	(s)	59
September	32	33	2	67	21	11	(s)	33	0	(s)	65
October	45	35	3	83	30	12	(s)	32	0	1	74
November	49	34	(s)	84	32	11	(s)	32	(s)	1	76
December	79	39	3	121	52	13	(s)	33	(s)	1	99
Total	**538**	**425**	**14**	**976**	**351**	**141**	**2**	**390**	**(s)**	**6**	**890**
2017 January	76	43	2	121	49	14	(s)	30	(s)	1	95
February	56	34	1	91	37	11	(s)	29	(s)	1	78
March	53	37	(s)	90	35	12	(s)	33	(s)	1	81
April	42	34	1	77	28	11	(s)	32	(s)	(s)	71
May	30	34	(s)	64	20	11	(s)	34	(s)	(s)	65
June	36	34	(s)	71	24	11	(s)	34	(s)	(s)	69
July	20	36	(s)	56	13	12	(s)	34	(s)	(s)	59
7-Month Total	**314**	**251**	**4**	**570**	**205**	**83**	**1**	**225**	**(s)**	**3**	**518**
2016 7-Month Total	**311**	**250**	**6**	**567**	**203**	**83**	**1**	**226**	**(s)**	**3**	**517**
2015 7-Month Total	**296**	**246**	**6**	**548**	**193**	**82**	**1**	**221**	**(s)**	**2**	**499**

[a] Commercial sector fuel use, including that at commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

[b] Hydrocarbon gas liquids.

[c] Propane and propylene.

[d] Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

[e] There is a discontinuity in this time series between 2014 and 2015 due to a change in the method for allocating motor gasoline consumption to the end-use sectors. Beginning in 2015, the commercial and industrial sector shares of motor gasoline consumption are larger than in 2014, while the transportation sector share is smaller.

NA=Not available. (s)=Less than 0.5 trillion Btu and greater than -0.5 trillion Btu.

Notes: • Data are estimates. • For total heat content of petroleum consumption by all sectors, see data for heat content of petroleum products supplied in Table 3.6. Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.

Table 3.8b Heat Content of Petroleum Consumption: Industrial Sector

(Trillion Btu)

	Industrial Sector[a]										
	Asphalt and Road Oil	Distillate Fuel Oil	HGL[b]		Kerosene	Lubricants	Motor Gasoline[e,f]	Petroleum Coke	Residual Fuel Oil	Other[g]	Total
			Propane[c]	Total[d]							
1950 Total	**435**	**698**	**NA**	**156**	**274**	**94**	**251**	**90**	**1,416**	**546**	**3,960**
1955 Total	**615**	**991**	**NA**	**323**	**241**	**103**	**332**	**147**	**1,573**	**798**	**5,123**
1960 Total	**734**	**1,016**	**NA**	**507**	**161**	**107**	**381**	**328**	**1,584**	**947**	**5,766**
1965 Total	**890**	**1,150**	**NA**	**712**	**165**	**137**	**342**	**444**	**1,582**	**1,390**	**6,813**
1970 Total	**1,082**	**1,226**	**359**	**953**	**185**	**155**	**288**	**446**	**1,624**	**1,817**	**7,776**
1975 Total	**1,014**	**1,339**	**422**	**1,161**	**119**	**149**	**223**	**540**	**1,509**	**2,071**	**8,127**
1980 Total	**962**	**1,324**	**725**	**1,763**	**181**	**182**	**158**	**516**	**1,349**	**3,073**	**9,509**
1985 Total	**1,029**	**1,119**	**797**	**1,871**	**44**	**166**	**218**	**575**	**748**	**1,945**	**7,714**
1990 Total	**1,170**	**1,150**	**807**	**1,832**	**12**	**186**	**185**	**714**	**411**	**2,589**	**8,251**
1995 Total	**1,178**	**1,130**	**1,013**	**2,328**	**15**	**178**	**200**	**721**	**337**	**2,499**	**8,587**
2000 Total	**1,276**	**1,199**	**1,016**	**2,571**	**16**	**190**	**150**	**796**	**241**	**2,636**	**9,075**
2001 Total	**1,257**	**1,299**	**916**	**2,278**	**23**	**174**	**295**	**858**	**203**	**2,793**	**9,179**
2002 Total	**1,240**	**1,203**	**1,055**	**2,383**	**14**	**172**	**309**	**842**	**190**	**2,816**	**9,170**
2003 Total	**1,220**	**1,169**	**981**	**2,249**	**24**	**159**	**324**	**825**	**220**	**3,043**	**9,233**
2004 Total	**1,304**	**1,213**	**1,109**	**2,364**	**28**	**161**	**371**	**937**	**249**	**3,205**	**9,832**
2005 Total	**1,323**	**1,262**	**1,049**	**2,205**	**39**	**160**	**355**	**894**	**281**	**3,122**	**9,641**
2006 Total	**1,261**	**1,258**	**1,105**	**2,244**	**30**	**156**	**374**	**938**	**239**	**3,276**	**9,777**
2007 Total	**1,197**	**1,256**	**1,102**	**2,285**	**13**	**161**	**302**	**910**	**193**	**3,134**	**9,452**
2008 Total	**1,012**	**1,348**	**870**	**1,976**	**4**	**150**	**246**	**870**	**194**	**2,788**	**8,588**
2009 Total	**873**	**1,073**	**910**	**2,077**	**4**	**135**	**238**	**805**	**130**	**2,483**	**7,819**
2010 Total	**878**	**1,153**	**924**	**2,276**	**7**	**149**	**260**	**694**	**120**	**2,645**	**8,183**
2011 Total	**859**	**1,236**	**952**	**2,237**	**4**	**142**	**255**	**663**	**135**	**2,621**	**8,151**
2012 Total	**827**	**1,271**	**1,074**	**2,416**	**2**	**130**	**252**	**717**	**70**	**2,474**	**8,160**
2013 Total	**783**	**1,266**	**1,115**	**2,597**	**1**	**138**	**263**	**663**	**48**	**2,583**	**8,343**
2014 Total	**793**	**1,366**	**975**	**2,513**	**3**	**144**	**210**	**653**	**41**	**2,430**	**8,152**
2015 January	41	128	128	267	(s)	15	[f]21	65	3	192	732
February	40	134	116	237	(s)	11	19	26	1	190	657
March	46	118	96	235	(s)	15	22	63	3	193	694
April	60	113	66	208	(s)	14	21	61	2	196	675
May	70	83	59	209	(s)	15	22	63	3	231	697
June	94	94	74	214	(s)	12	22	66	2	215	718
July	99	92	73	224	(s)	15	23	64	4	228	748
August	105	87	76	227	(s)	12	23	67	3	207	730
September	93	115	67	197	(s)	12	21	41	3	192	674
October	82	80	79	232	(s)	14	22	54	3	170	657
November	57	57	83	223	(s)	10	21	49	3	201	620
December	44	71	108	256	1	13	22	46	4	221	675
Total	**832**	**1,170**	**1,026**	**2,730**	**2**	**157**	**258**	**663**	**34**	**2,435**	**8,280**
2016 January	40	108	127	269	(s)	13	21	62	4	208	725
February	44	110	117	234	(s)	13	21	55	2	235	713
March	52	117	89	233	(s)	14	22	59	4	205	707
April	60	87	62	207	(s)	12	21	43	5	215	651
May	81	79	66	211	(s)	13	23	42	4	199	651
June	96	90	52	197	(s)	14	22	35	4	208	665
July	97	60	64	215	(s)	11	23	50	5	205	667
August	108	95	66	204	(s)	12	23	71	4	233	750
September	87	100	71	212	(s)	12	22	42	3	210	687
October	86	101	73	232	(s)	13	22	52	4	217	726
November	62	101	82	217	(s)	11	21	80	4	197	694
December	40	93	111	252	(s)	11	22	63	4	222	707
Total	**853**	**1,141**	**980**	**2,683**	**2**	**149**	**263**	**653**	**46**	**2,553**	**8,343**
2017 January	39	93	139	276	(s)	10	20	68	6	208	722
February	45	97	93	216	(s)	11	19	37	3	190	619
March	54	133	83	237	(s)	13	22	25	4	237	727
April	63	84	73	218	(s)	10	21	55	4	234	689
May	75	112	55	215	(s)	10	23	55	4	222	716
June	95	91	48	205	(s)	10	23	40	5	226	694
July	91	79	59	223	(s)	10	23	78	3	225	732
7-Month Total	**463**	**689**	**550**	**1,591**	**1**	**74**	**152**	**358**	**29**	**1,542**	**4,898**
2016 7-Month Total	**471**	**651**	**577**	**1,565**	**1**	**90**	**153**	**345**	**29**	**1,475**	**4,779**
2015 7-Month Total	**450**	**761**	**612**	**1,594**	**1**	**97**	**149**	**408**	**18**	**1,444**	**4,922**

[a] Industrial sector fuel use, including that at industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

[b] Hydrocarbon gas liquids.

[c] Propane and propylene. Through 1983, also includes 40% of "Butane-Propane Mixtures" and 30% of "Ethane-Propane Mixtures."

[d] Ethane, propane, normal butane, isobutane, natural gasoline (pentanes plus), and refinery olefins (ethylene, propylene, butylene, and isobutylene). Through 1983, also includes plant condensate and unfractionated stream.

[e] Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

[f] There is a discontinuity in this time series between 2014 and 2015 due to a change in the method for allocating motor gasoline consumption to the end-use sectors. Beginning in 2015, the commercial and industrial sector shares of motor gasoline consumption are larger than in 2014, while the transportation sector share is smaller.

[g] Petrochemical feedstocks, still gas (refinery gas), waxes, and miscellaneous products. Beginning in 1964, also includes special naphthas. Beginning in 1981, also includes negative barrels per day of distillate and residual fuel oil reclassified as unfinished oils, and other products (from both primary and secondary supply) reclassified as gasoline blending components. Beginning in 1983, also includes crude oil burned as fuel. Beginning in 2005, also includes naphtha-type jet fuel.

NA=Not available. (s)=Less than 0.5 trillion Btu and greater than -0.5 trillion Btu.

Notes: • Data are estimates. • For total heat content of petroleum consumption by all sectors, see data for heat content of petroleum products supplied in Table 3.6. Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.

Table 3.8c Heat Content of Petroleum Consumption: Transportation and Electric Power Sectors (Trillion Btu)

	Transportation Sector								Electric Power Sector[a]			
	Aviation Gasoline	Distillate Fuel Oil[c]	HGL[b] Propane[d]	Jet Fuel[e]	Lubricants	Motor Gasoline[f,g]	Residual Fuel Oil	Total	Distillate Fuel Oil[h]	Petroleum Coke	Residual Fuel Oil[i]	Total
1950 Total	**199**	**480**	**3**	**([e])**	**141**	**4,664**	**1,201**	**6,690**	**32**	**NA**	**440**	**472**
1955 Total	**354**	**791**	**13**	**301**	**155**	**6,175**	**1,009**	**8,799**	**32**	**NA**	**439**	**471**
1960 Total	**298**	**892**	**19**	**739**	**152**	**7,183**	**844**	**10,125**	**22**	**NA**	**530**	**553**
1965 Total	**222**	**1,093**	**32**	**1,215**	**149**	**8,386**	**770**	**11,866**	**29**	**NA**	**693**	**722**
1970 Total	**100**	**1,569**	**44**	**1,973**	**147**	**10,716**	**761**	**15,310**	**141**	**19**	**1,958**	**2,117**
1975 Total	**71**	**2,121**	**43**	**2,029**	**155**	**12,485**	**711**	**17,615**	**226**	**2**	**2,937**	**3,166**
1980 Total	**64**	**2,795**	**18**	**2,179**	**172**	**12,383**	**1,398**	**19,009**	**169**	**5**	**2,459**	**2,634**
1985 Total	**50**	**3,170**	**30**	**2,497**	**156**	**12,784**	**786**	**19,472**	**85**	**7**	**998**	**1,090**
1990 Total	**45**	**3,661**	**23**	**3,129**	**176**	**13,575**	**1,016**	**21,626**	**97**	**30**	**1,163**	**1,289**
1995 Total	**40**	**4,191**	**18**	**3,132**	**168**	**14,616**	**911**	**23,075**	**108**	**81**	**566**	**755**
2000 Total	**36**	**5,159**	**12**	**3,580**	**179**	**15,973**	**888**	**25,827**	**175**	**99**	**871**	**1,144**
2001 Total	**35**	**5,286**	**14**	**3,426**	**164**	**16,053**	**586**	**25,564**	**170**	**103**	**1,003**	**1,276**
2002 Total	**34**	**5,387**	**14**	**3,340**	**162**	**16,474**	**677**	**26,089**	**127**	**175**	**659**	**961**
2003 Total	**30**	**5,584**	**18**	**3,265**	**150**	**16,585**	**571**	**26,203**	**161**	**175**	**869**	**1,205**
2004 Total	**31**	**5,925**	**19**	**3,383**	**152**	**16,917**	**740**	**27,166**	**111**	**211**	**879**	**1,201**
2005 Total	**35**	**6,068**	**28**	**3,475**	**151**	**16,977**	**837**	**27,573**	**114**	**231**	**876**	**1,222**
2006 Total	**33**	**6,390**	**27**	**3,379**	**147**	**17,108**	**906**	**27,991**	**73**	**203**	**361**	**637**
2007 Total	**32**	**6,411**	**22**	**3,358**	**152**	**17,109**	**994**	**28,077**	**89**	**163**	**397**	**648**
2008 Total	**28**	**5,792**	**40**	**3,193**	**141**	**16,574**	**926**	**26,695**	**73**	**146**	**240**	**459**
2009 Total	**27**	**5,541**	**28**	**2,883**	**127**	**16,460**	**791**	**25,857**	**70**	**132**	**181**	**382**
2010 Total	**27**	**5,828**	**29**	**2,963**	**141**	**16,356**	**892**	**26,236**	**80**	**137**	**154**	**370**
2011 Total	**27**	**6,003**	**34**	**2,950**	**134**	**15,892**	**776**	**25,817**	**64**	**138**	**93**	**295**
2012 Total	**25**	**5,741**	**37**	**2,901**	**123**	**15,798**	**671**	**25,296**	**52**	**85**	**77**	**214**
2013 Total	**22**	**5,902**	**44**	**2,969**	**130**	**16,036**	**581**	**25,685**	**55**	**123**	**77**	**255**
2014 Total	**22**	**6,162**	**47**	**3,042**	**136**	**16,212**	**447**	**26,067**	**82**	**118**	**95**	**295**
2015 January	1	488	4	242	14	[g] 1,304	42	2,095	7	11	11	29
February	1	473	3	229	10	1,203	6	1,927	21	11	26	59
March	1	521	3	272	14	1,367	42	2,221	5	8	5	18
April	2	529	3	260	13	1,342	25	2,174	4	8	5	17
May	2	535	3	267	15	1,398	38	2,258	5	9	5	19
June	2	545	3	281	12	1,375	30	2,249	4	9	6	19
July	3	566	3	290	14	1,429	52	2,358	4	11	7	23
August	2	566	3	281	11	1,428	48	2,339	4	11	6	21
September	2	543	3	261	11	1,357	42	2,218	4	10	6	20
October	2	530	3	284	13	1,395	38	2,265	4	8	5	17
November	1	474	3	259	9	1,331	47	2,125	5	7	6	18
December	1	488	4	277	12	1,381	53	2,216	4	8	5	17
Total	**21**	**6,259**	**40**	**3,204**	**148**	**16,310**	**463**	**26,445**	**70**	**112**	**94**	**276**
2016 January	1	462	4	255	12	1,306	49	2,088	7	9	7	23
February	2	445	4	252	13	1,302	24	2,040	5	9	7	21
March	2	508	4	272	13	1,414	61	2,273	4	10	4	18
April	2	499	3	266	12	1,340	75	2,197	3	11	4	18
May	2	522	3	277	12	1,421	54	2,291	5	10	5	19
June	2	531	3	293	13	1,403	54	2,299	4	11	5	20
July	2	533	3	302	10	1,445	69	2,365	5	11	8	24
August	2	559	3	303	11	1,462	50	2,390	4	12	8	24
September	2	521	3	278	11	1,385	39	2,239	4	11	5	20
October	2	534	3	283	12	1,372	56	2,262	3	7	6	16
November	2	495	3	278	11	1,348	49	2,186	4	8	5	17
December	2	493	4	291	11	1,401	50	2,250	5	9	6	20
Total	**20**	**6,102**	**40**	**3,350**	**141**	**16,598**	**629**	**26,880**	**53**	**118**	**69**	**240**
2017 January	1	452	4	280	10	1,283	78	2,108	6	10	5	21
February	1	436	3	242	10	1,225	39	1,957	4	8	5	16
March	2	518	3	293	12	1,411	61	2,301	5	8	5	17
April	2	498	3	275	9	1,350	51	2,189	4	4	5	13
May	2	543	3	294	10	1,447	62	2,360	5	9	5	19
June	3	532	3	300	10	1,426	68	2,341	4	10	6	19
July	2	546	3	304	9	1,444	44	2,353	4	9	5	18
7-Month Total	**12**	**3,524**	**24**	**1,988**	**70**	**9,587**	**403**	**15,608**	**31**	**57**	**35**	**124**
2016 7-Month Total	**12**	**3,499**	**24**	**1,918**	**85**	**9,631**	**385**	**15,554**	**32**	**71**	**40**	**143**
2015 7-Month Total	**13**	**3,658**	**23**	**1,841**	**92**	**9,419**	**236**	**15,282**	**50**	**67**	**66**	**183**

[a] Electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers.

[b] Hydrocarbon gas liquids.

[c] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.

[d] Propane and propylene.

[e] Beginning in 1957, includes kerosene-type jet fuel. For 1952–2004, also includes naphtha-type jet fuel. (Through 1951, naphtha-type jet fuel is included in the products from which it was blended—gasoline, kerosene, and distillate fuel oil. Beginning in 2005, naphtha-type jet fuel is included in "Other" on Table 3.8b.)

[f] Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

[g] There is a discontinuity in this time series between 2014 and 2015 due to a change in the method for allocating motor gasoline consumption to the end-use sectors. Beginning in 2015, the commercial and industrial sector shares of motor gasoline consumption are larger than in 2014, while the transportation sector share is smaller.

[h] Fuel oil nos. 1, 2, and 4. Through 1979, data are for gas turbine and internal combustion plant use of petroleum. Through 2000, electric utility data also include small amounts of kerosene and jet fuel.

[i] Fuel oil nos. 5 and 6. Through 1979, data are for steam plant use of petroleum. Through 2000, electric utility data also include a small amount of fuel oil no. 4.

NA=Not available.

Notes: • Transportation sector data are estimates. • For total heat content of petroleum consumption by all sectors, see data for heat content of petroleum products supplied in Table 3.6. Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. Other measurements of consumption by fuel type or sector may differ. For example, jet fuel product supplied may not equal jet fuel consumed by U.S.-flagged aircraft. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#petroleum (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.

Petroleum

Note 1. Petroleum Products Supplied and Petroleum Consumption. Total petroleum products supplied is the sum of the products supplied for each petroleum product, crude oil, unfinished oils, and gasoline blending components. In general, except for crude oil, product supplied of each product is computed as follows: field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Crude oil product supplied is the sum of crude oil burned on leases and at pipeline pump stations as reported on Form EIA-813, "Monthly Crude Oil Report." Prior to 1983, crude oil burned on leases and used at pipeline pump stations was reported as either distillate or residual fuel oil and was included as product supplied for these products. Petroleum product supplied (see Tables 3.5 and 3.6) is an approximation of petroleum consumption and is synonymous with the term "Petroleum Consumption" in Tables 3.7a–3.8c.

Note 2. Petroleum Survey Respondents. The U.S. Energy Information Administration (EIA) uses a number of sources and methods to maintain the survey respondent lists. On a regular basis, survey managers review such industry publications as the *Oil & Gas Journal* and *Oil Daily* for information on facilities or companies starting up or closing down operations. Those sources are augmented by articles in newspapers, communications from respondents indicating changes in status, and information received from survey systems.

To supplement routine frames maintenance and to provide more thorough coverage, a comprehensive frames investigation is conducted every 3 years. This investigation results in the reassessment and recompilation of the complete frame for each survey. The effort also includes the evaluation of the impact of potential frame changes on the historical time series of data from these respondents. The results of this frame study are usually implemented in January to provide a full year under the same frame.

Note 3. Historical Petroleum Data. Detailed information on petroleum data through 1993 can be found in Notes 1–6 on pages 60 and 61 in the July 2013 *Monthly Energy Review (MER)* at http://www.eia.gov/totalenergy/data/monthly/archive/00351307.pdf. The notes discuss:

Note 1, "Petroleum Survey Respondents": In 1993, EIA added numerous companies that produce, blend, store, or import oxygenates to the monthly surveys.

Note 2, "Motor Gasoline": In 1981, EIA expanded its universe to include nonrefinery blenders and separated blending components from finished motor gasoline as a reporting category. In 1993, EIA made adjustments to finished motor gasoline product supplied data to more accurately account for fuel ethanol and motor gasoline blending components blended into finished motor gasoline.

Note 3, "Distillate and Residual Fuel Oils": In 1981, EIA eliminated the requirement to report crude oil in pipelines or burned on leases as either distillate or residual fuel oil.

Note 4, "Petroleum New Stock Basis": In 1975, 1979, 1981, and 1983, EIA added numerous respondents to bulk terminal and pipeline surveys; in 1984, EIA made changes in the reporting of natural gas liquids; and in 1993, EIA changed how it collected bulk terminal and pipeline stocks of oxygenates. These changes affected stocks reported and stock change calculations.

Note 5, "Stocks of Alaskan Crude Oil": In 1981, EIA began to include data for stocks of Alaskan crude oil in transit.

Note 6, "Petroleum Data Discrepancies": In 1976, 1978, and 1979, there are some small discrepancies between data in the MER and the *Petroleum Supply Annual.*

Table 3.1 Sources

1949–1975: Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual*, annual reports.

1976–1980: U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual*, annual reports.

1981–2001: EIA, *Petroleum Supply Annual (PSA)*, annual reports.

2002 forward: EIA, PSA, annual reports, and unpublished revisions; *Petroleum Supply Monthly*, monthly reports; revisions to crude oil production, total field production, and adjustments (based on crude oil production data from: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report"; state government agencies; U.S. Department of the Interior, Bureau of Safety and Environmental Enforcement, and predecessor agencies; and Form EIA-182, "Domestic Crude Oil First Purchase Report"); and, for the current two months, *Weekly Petroleum Status Report* data system and *Monthly Energy Review* data system calculations.

Table 3.6 Sources

Asphalt and Road Oil

Product supplied data in thousand barrels per day for asphalt and road oil are from Table 3.5, and are converted to trillion Btu by multiplying by the asphalt and road oil heat content factors in Table A1.

Aviation Gasoline

Product supplied data in thousand barrels per day for aviation gasoline are from Table 3.5, and are converted to trillion Btu by multiplying by the aviation gasoline (finished) heat content factor in Table A1.

Distillate Fuel Oil

1949–2008: Product supplied data in thousand barrels per day for distillate fuel oil are from Table 3.5, and are converted to trillion Btu by multiplying by the distillate fuel oil heat content factors in Table A3.

2009 forward: Data for refinery and blender net inputs of renewable diesel fuel are from U.S. Energy Information Administration (EIA), *Petroleum Supply Annual (PSA)/Petroleum Supply Monthly (PSM)*, Table 1 (for biomass-based diesel fuel, the data are converted to Btu by multiplying by the biodiesel heat content factor in Table A1; for other renewable diesel fuel, the data are converted to Btu by multiplying by the other renewable diesel fuel heat content factor in Table A1). Product supplied data for distillate fuel oil from Table 3.5, minus data for renewable diesel fuel from the PSA/PSM, are converted to Btu by multiplying by the distillate fuel oil heat content factors in Table A3. Total distillate fuel oil product supplied is the sum of distillate fuel oil (excluding renewable diesel fuel) and renewable diesel fuel.

Hydrocarbon Gas Liquids (HGL)—Propane (Including Propylene)

Product supplied data in thousand barrels per day for propane (including propylene) are from Table 3.5, and are converted to trillion Btu by multiplying by the propane/propylene heat content factor in Table A1.

Hydrocarbon Gas Liquids (HGL)—Total

Prior to the current two months, product supplied data in thousand barrels per day for the component products of HGL (ethane, propane, normal butane, isobutane, natural gasoline, and refinery olefins—ethylene, propylene, butylene, and isobutylene) are from the PSA, PSM, and earlier publications (see sources for Table 3.5). These data are converted to trillion Btu by multiplying by the appropriate heat content factors in Table A1. Total HGL product supplied is the sum of the data in trillion Btu for the HGL component products.

For the current two months: Note that "liquefied petroleum gases" ("LPG") below include ethane, propane, normal butane, isobutane, and refinery olefins (ethylene, propylene, butylene, and isobutylene), but exclude natural gasoline. Product supplied data in thousand barrels per day for LPG are from EIA's Short-Term Integrated Forecasting System (STIFS). (The STIFS model results are used in EIA's *Short-Term Energy Outlook*, which is accessible on the Web at https://www.eia.gov/outlooks/steo/.) These data are converted to trillion Btu by multiplying by the previous year's quantity-weighted LPG heat content factor (derived using LPG component heat content factors in Table A1). Product supplied data in thousand barrels per day for natural gasoline are from STIFS, and are converted to trillion Btu by multiplying by the natural gasoline heat content factor in Table A1. Total HGL product supplied is the sum of the data in trillion Btu for LPG and natural gasoline.

Jet Fuel

Product supplied data in thousand barrels per day for kerosene-type jet fuel and, through 2004, naphtha-type jet fuel are from EIA's PSA, PSM, and earlier publications (see sources for Table 3.5). These data are converted to trillion Btu by multiplying by the appropriate heat content factors in Table A1. Total jet fuel product supplied is the sum of the data in trillion Btu for kerosene-type and naphtha-type jet fuel.

Kerosene

Product supplied data in thousand barrels per day for kerosene are from Table 3.5, and are converted to trillion Btu by multiplying by the kerosene heat content factor in Table A1.

Lubricants

Product supplied data in thousand barrels per day for lubricants are from Table 3.5, and are converted to trillion Btu by multiplying by the lubricants heat content factor in Table A1.

Motor Gasoline

Product supplied data in thousand barrels per day for motor gasoline are from Table 3.5, and are converted to trillion Btu by multiplying by the motor gasoline heat content factors in Table A3.

Other Petroleum Products

Prior to the current two months, product supplied data in thousand barrels per day for "other" petroleum products are from the PSA, PSM, and earlier publications (see sources for Table 3.5). "Other" petroleum products include petrochemical feedstocks, special naphthas, still gas (refinery gas), waxes, and miscellaneous products; beginning in 1981, also includes negative barrels per day of distillate and residual fuel oil reclassified as unfinished oils, and other products (from both primary and secondary supply) reclassified as gasoline blending components; beginning in 1983, also includes crude oil burned as fuel; and beginning in 2005, also includes naphtha-type jet fuel. These data are converted to trillion Btu by multiplying by the appropriate heat content factors in MER Table A1. Total "Other" petroleum product supplied is the sum of the data in trillion Btu for the individual products.

For the current two months, total "Other" petroleum products supplied is calculated by first estimating total petroleum products supplied (product supplied data in thousand barrels per day for total petroleum from Table 3.5 are converted to trillion Btu by multiplying by the total petroleum consumption heat content factor in Table A3), and then subtracting data in trillion Btu (from Table 3.6) for asphalt and road oil, aviation gasoline, distillate fuel oil, jet fuel, kerosene, total HGL, lubricants, motor gasoline, petroleum coke, and residual fuel oil.

Petroleum Coke

Product supplied data in thousand barrels per day for petroleum coke are from Table 3.5, and are converted to trillion

Btu by multiplying by the petroleum coke heat content factors in Table A3.

Residual Fuel Oil
Product supplied data in thousand barrels per day for residual fuel oil are from Table 3.5, and are converted to trillion Btu by multiplying by the residual fuel oil heat content factor in Table A1.

Total Petroleum
Total petroleum products supplied is the sum of the data in trillion Btu for the products (except "Propane") shown in Table 3.6.

Tables 3.7a–3.7c Sources

Petroleum consumption data for 1949–1972 are from the following sources:

1949–1959: Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual*, annual reports, and U.S. Energy Information Administration (EIA) estimates.
1960–1972: EIA, State Energy Data System.

Petroleum consumption data beginning in 1973 are derived from data for "petroleum products supplied" from the following sources:

1973–1975: Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement Annual*, annual reports.
1976–1980: EIA, Energy Data Reports, *Petroleum Statement Annual*, annual reports.
1981–2016: EIA, *Petroleum Supply Annual (PSA)*, annual reports, and unpublished revisions.
2017: EIA, *Petroleum Supply Monthly (PSM)*, monthly reports.

Beginning in 1973, energy-use allocation procedures by individual product are as follows:

Asphalt and Road Oil
All consumption of asphalt and road oil is assigned to the industrial sector.

Aviation Gasoline
All consumption of aviation gasoline is assigned to the transportation sector.

Distillate Fuel Oil
Distillate fuel oil consumption is assigned to the sectors as follows:

Distillate Fuel Oil, Electric Power Sector
See sources for Table 7.4b. For 1973–1979, electric utility consumption of distillate fuel oil is assumed to be the amount of petroleum (minus small amounts of kerosene and kerosene-type jet fuel deliveries) consumed in gas turbine and internal combustion plants. For 1980–2000, electric utility consumption of distillate fuel oil is assumed to be the amount of light oil (fuel oil nos. 1 and 2, plus small amounts of kerosene and jet fuel) consumed.

Distillate Fuel Oil, End-Use Sectors, Annual Data
The aggregate end-use amount is total distillate fuel oil supplied minus the amount consumed by the electric power sector. The end-use total consumed annually is allocated to the individual end-use sectors (residential, commercial, industrial, and transportation) in proportion to each sector's share of sales as reported in EIA's *Fuel Oil and Kerosene Sales* (*Sales*) report series (DOE/EIA-0535), which is based primarily on data collected by Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report" (previously Form EIA-172). Shares for the current year are based on the most recent Sales report.

Following are notes on the individual sector groupings:

Beginning in 1979, the residential sector sales total is directly from the Sales reports. Through 1978, each year's sales subtotal of the heating plus industrial category is split into residential, commercial, and industrial (including farm) in proportion to the 1979 shares.

Beginning in 1979, the commercial sector sales total is directly from the Sales reports. Through 1978, each year's sales subtotal of the heating plus industrial category is split into residential, commercial, and industrial (including farm) in proportion to the 1979 shares.

Beginning in 1979, the industrial sector sales total is the sum of the sales for industrial, farm, oil company, off-highway diesel, and all other uses. Through 1978, each year's sales subtotal of the heating plus industrial category is split into residential, commercial, and industrial (including farm) in proportion to the 1979 shares, and this estimated industrial portion is added to oil company, off-highway diesel, and all other uses.

The transportation sector sales total is the sum of the sales for railroad, vessel bunkering, on-highway diesel, and military uses for all years.

Distillate Fuel Oil, End-Use Sectors, Monthly Data
Residential sector and commercial sector monthly consumption is estimated by allocating the annual estimates, which are described above, into the months in proportion to each month's share of the year's sales of No. 2 heating oil. (For each month of the current year, the residential and commercial consumption increase from the same month in the previous year is based on the percent increase in that month's No. 2 heating oil sales from the same month in the previous year.) The years' No. 2 heating oil sales totals are from the following sources: for 1973–1980, the Ethyl Corporation, *Monthly Report of Heating Oil Sales*; for 1981 and 1982, the American Petroleum Institute, *Monthly Report of Heating Oil Sales*; and for 1983 forward, EIA, Form EIA-782A,

"Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," No. 2 Fuel Oil Sales to End Users and for Resale.

The transportation highway use portion is allocated into the months in proportion to each month's share of the year's total sales for highway use as reported by the Federal Highway Administration's Table MF-25, "Private and Commercial Highway Use of Special Fuels by Months." Beginning in 1994, the sales-for-highway-use data are no longer available as a monthly series; the 1993 data are used for allocating succeeding year's totals into months.

A distillate fuel oil "balance" is calculated as total distillate fuel oil supplied minus the amount consumed by the electric power sector, residential sector, commercial sector, and for highway use.

Industrial sector monthly consumption is estimated by multiplying each month's distillate fuel oil "balance" by the annual industrial consumption share of the annual distillate fuel oil "balance."

Total transportation sector monthly consumption is estimated as total distillate fuel oil supplied minus the amount consumed by the residential, commercial, industrial, and electric power sectors.

Hydrocarbon Gas Liquids (HGL)—Propane (Including Propylene) and Total

Note that "liquefied petroleum gases" ("LPG") below include ethane, propane, normal butane, isobutane, and refinery olefins (ethylene, propylene, butylene, and isobutylene), but exclude natural gasoline.

The annual shares of LPG total consumption that are estimated to be used by each sector are applied to each month's total LPG consumption to create monthly sector consumption estimates. The annual sector shares are calculated as described below.

Sales of propane to the residential and commercial sectors combined are converted from thousand gallons per year to thousand barrels per year and are assumed to be the annual consumption of LPG by the combined sectors. Beginning in 2003, residential sector LPG consumption is assumed to equal propane retail sales to the residential sector and sales to retailers, with the remainder of the combined residential and commercial LPG consumption being assigned to the commercial sector. Through 2002, residential sector LPG consumption is based on the average of the state residential shares for 2003–2008, with the remainder of the combined residential and commercial LPG consumption being assigned to the commercial sector.

The quantity of propane sold each year for consumption in internal combustion engines is allocated between the transportation and industrial sectors using data for special fuels used on highways provided by the U.S. Department of Transportation, Federal Highway Administration. The transportation portion is assumed to equal annual LPG consumption by the transportation sector.

LPG consumed annually by the industrial sector is estimated as the difference between LPG total product supplied and the sum of the estimated LPG consumption by the residential, commercial, and transportation sectors. The industrial sector LPG consumption includes LPG used by chemical plants as raw materials or solvents and used in the production of synthetic rubber; refinery fuel use; use as synthetic natural gas feedstock and use in secondary recovery projects; all farm use; LPG sold to gas utility companies for distribution through the mains; and a portion of the use of LPG as an internal combustion engine fuel.

Sources of the annual consumption estimates for creating annual sector shares are:

1973–1982: EIA's "Sales of Liquefied Petroleum Gases and Ethane" reports, based primarily on data collected by Form EIA-174, "Sales of Liquefied Petroleum Gases."
1983: End-use consumption estimates for 1983 are based on 1982 end-use consumption because the collection of data under Form EIA-174 was discontinued after data year 1982.
1984–2007: American Petroleum Institute (API), "Sales of Natural Gas Liquids and Liquefied Refinery Gases," table on sales of natural gas liquids and liquefied refinery gases by end use. EIA adjusts the data to remove quantities of natural gasoline and to estimate withheld values.
2008 forward: Propane consumption is from API, "Sales of Natural Gas Liquids and Liquefied Refinery Gases," table on sales of propane by end use. EIA adjusts the data to estimate withheld values. Other LPG consumption is from EIA, PSA, annual reports, and is allocated to the industrial sector.

Residential sector propane (including propylene) consumption is equal to residential sector LPG consumption.

Commercial sector propane (including propylene) consumption is equal to commercial sector LPG consumption.

Transportation sector propane (including propylene) consumption is equal to transportation sector LPG consumption.

Industrial sector propane (including propylene) consumption is equal to propane (including propylene) product supplied from the PSA, PSM, and earlier publications (see sources for Table 3.5), minus propane (including propylene) consumption in the residential, commercial, and transportation sectors.

Industrial sector total HGL consumption: Product supplied data in thousand barrels per day for natural gasoline are

from the PSA, PSM, and earlier publications (see sources for Table 3.5). Industrial sector total HGL consumption is the sum of industrial sector LPG consumption and natural gasoline product supplied.

Jet Fuel

Through 1982, small amounts of kerosene-type jet fuel were consumed by the electric power sector. Kerosene-type jet fuel deliveries to the electric power sector as reported on Form FERC-423 (formerly Form FPC-423) were used as estimates of this consumption. Through 2004, all remaining jet fuel (kerosene-type and naphtha-type) is assigned to the transportation sector. Beginning in 2005, kerosene-type jet fuel is assigned to the transportation sector, while naphtha-type jet fuel is classified under "Other Petroleum Products," which is assigned to the industrial sector. (*Note:* Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. Other measurements of consumption by fuel type or sector may differ. For example, jet fuel product supplied may not equal jet fuel consumed by U.S.-flagged aircraft.)

Kerosene

Kerosene product supplied is allocated to the individual end-use sectors (residential, commercial, and industrial) in proportion to each sector's share of sales as reported in EIA's *Fuel Oil and Kerosene Sales* (*Sales*) report series (DOE/EIA-0535), which is based primarily on data collected by Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report" (previously Form EIA-172).

Beginning in 1979, the residential sector sales total is directly from the Sales reports. Through 1978, each year's sales category called "heating" is allocated to the residential, commercial, and industrial sectors in proportion to the 1979 shares.

Beginning in 1979, the commercial sector sales total is directly from the Sales reports. Through 1978, each year's sales category called "heating" is allocated to the residential, commercial, and industrial sectors in proportion to the 1979 shares.

Beginning in 1979, the industrial sector sales total is the sum of the sales for industrial, farm, and all other uses. Through 1978, each year's sales category called "heating" is allocated to the residential, commercial and industrial sectors in proportion to the 1979 shares, and the estimated industrial (including farm) portion is added to all other uses.

Lubricants

The consumption of lubricants is allocated to the industrial and transportation sectors for all months according to proportions developed from annual sales of lubricants to the two sectors from U.S. Department of Commerce, U.S. Census Bureau, *Current Industrial Reports*, "Sales of Lubricating and Industrial Oils and Greases." The 1973 shares are applied to 1973 and 1974; the 1975 shares are applied to 1975 and 1976; and the 1977 shares are applied to 1977 forward.

Motor Gasoline

The total monthly consumption of motor gasoline is allocated to the sectors in proportion to aggregations of annual sales categories created on the basis of the U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, Tables MF-21, MF-24, and MF-25, as follows:

Through 2014, commercial sales are the sum of sales for public non-highway use and miscellaneous use. Beginning in 2015, commercial sales are the sum of sales for public non-highway use, lawn and garden use, and miscellaneous use.

For all years, industrial sales are the sum of sales for agriculture, construction, and "industrial and commercial" use (as classified in the *Highway Statistics*).

Through 2014, transportation sales are the sum of sales for highway use (minus the sales of special fuels, which are primarily diesel fuel and are accounted for in the transportation sector of distillate fuel) and sales for marine use. Beginning in 2015, transportation sales are the sum of sales for highway use (minus the sales of special fuels, which are primarily diesel fuel and are accounted for in the transportation sector of distillate fuel) and sales for boating use and recreational vehicle use.

Petroleum Coke

Portions of petroleum coke are consumed by the electric power sector (see sources for Table 7.4b) and the commercial sector (see sources for Table 7.4c). The remaining petroleum coke is assigned to the industrial sector.

Residual Fuel Oil

Residual fuel oil consumption is assigned to the sectors as follows:

Residual Fuel Oil, Electric Power Sector

See sources for Table 7.4b. For 1973–1979, electric utility consumption of residual fuel oil is assumed to be the amount of petroleum consumed in steam-electric power plants. For 1980–2000, electric utility consumption of residual fuel oil is assumed to be the amount of heavy oil (fuel oil nos. 4, 5, and 6) consumed.

Residual Fuel Oil, End-Use Sectors, Annual Data

The aggregate end-use amount is total residual fuel oil supplied minus the amount consumed by the electric power sector. The end-use total consumed annually is allocated to the individual end-use sectors (commercial, industrial, and transportation) in proportion to each sector's share of sales as reported in EIA's *Fuel Oil and Kerosene Sales* (*Sales*) report series (DOE/EIA-535), which is based primarily on data collected by Form

EIA-821, "Annual Fuel Oil and Kerosene Sales Report" (previously Form EIA-172). Shares for the current year are based on the most recent Sales report.

Following are notes on the individual sector groupings:

Beginning in 1979, commercial sales data are directly from the Sales reports. Through 1978, each year's sales subtotal of the heating plus industrial category is allocated to the commercial and industrial sectors in proportion to the 1979 shares.

Beginning in 1979, industrial sales data are the sum of sales for industrial, oil company, and all other uses. Through 1978, each year's sales subtotal of the heating plus industrial category is allocated to the commercial and industrial sectors in proportion to the 1979 shares, and the estimated industrial portion is added to oil company and all other uses.

Transportation sales are the sum of sales for railroad, vessel bunkering, and military uses for all years.

Residual Fuel Oil, End-Use Sectors, Monthly Data
Commercial sector monthly consumption is estimated by allocating the annual estimates, which are described above, into the months in proportion to each month's share of the year's sales of No. 2 heating oil. (For each month of the current year, the consumption increase from the same month in the previous year is based on the percent increase in that month's No. 2 heating oil sales from the same month in the previous year.) The years' No. 2 heating oil sales totals are from the following sources: for 1973–1980, the Ethyl Corporation, *Monthly Report of Heating Oil Sales*; for 1981 and 1982, the American Petroleum Institute, *Monthly Report of Heating Oil Sales*; and for 1983 forward, EIA, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," No. 2 Fuel Oil Sales to End Users and for Resale.

A residual fuel oil "balance" is calculated as total residual fuel oil supplied minus the amount consumed by the electric power sector, commercial sector, and by industrial combined-heat-and-power plants (see sources for Table 7.4c).

Transportation sector monthly consumption is estimated by multiplying each month's residual fuel oil "balance" by the annual transportation consumption share of the annual residual fuel oil "balance."

Total industrial sector monthly consumption is estimated as total residual fuel oil supplied minus the amount consumed by the commercial, transportation, and electric power sectors.

Other Petroleum Products
Consumption of all remaining petroleum products is assigned to the industrial sector. Other petroleum products include petrochemical feedstocks, special naphthas, still gas (refinery gas), waxes, and miscellaneous products. Beginning in 1981, also includes negative barrels per day of distillate and residual fuel oil reclassified as unfinished oils, and other products (from both primary and secondary supply) reclassified as gasoline blending components. Beginning in 1983, also includes crude oil burned as fuel. Beginning in 2005, also includes naphtha-type jet fuel.

Table 3.8a Sources

Distillate Fuel Oil
Residential and commercial sector consumption data in thousand barrels per day for distillate fuel oil are from Table 3.7a, and are converted to trillion Btu by multiplying by the distillate fuel oil heat content factors in Table A3.

Hydrocarbon Gas Liquids (HGL)—Propane (Including Propylene)
Residential and commercial sector consumption data in thousand barrels per day for HGL are from Table 3.7a, and are converted to trillion Btu by multiplying by the propane/propylene heat content factor in Table A1.

Kerosene
Residential and commercial sector consumption data in thousand barrels per day for kerosene are from Table 3.7a, and are converted to trillion Btu by multiplying by the kerosene heat content factor in Table A1.

Motor Gasoline
Commercial sector consumption data in thousand barrels per day for motor gasoline are from Table 3.7a, and are converted to trillion Btu by multiplying by the motor gasoline heat content factors in Table A3.

Petroleum Coke
1949–2003: Commercial sector consumption data in thousand barrels per day for petroleum coke are from Table 3.7a, and are converted to trillion Btu by multiplying by the total petroleum coke heat content factor in Table A1.
2004 forward: Commercial sector consumption data in thousand barrels per day for petroleum coke are from Table 3.7a, and are converted to trillion Btu by multiplying by the marketable petroleum coke heat content factor in Table A1.

Residual Fuel Oil
Commercial sector consumption data in thousand barrels per day for residual fuel oil are from Table 3.7a, and are converted to trillion Btu by multiplying by the residual fuel oil heat content factor in Table A1.

Total Petroleum
Residential sector total petroleum consumption is the sum of the data in trillion Btu for the petroleum products shown under "Residential Sector" in Table 3.8a. Commercial sector total petroleum consumption is the sum of the data in trillion Btu for the petroleum products shown under "Commercial Sector" in Table 3.8a.

Table 3.8b Sources

Asphalt and Road Oil
Industrial sector consumption data in thousand barrels per day for asphalt and road oil are from Table 3.7b, and are converted to trillion Btu by multiplying by the asphalt and road oil heat content factor in Table A1.

Distillate Fuel Oil
Industrial sector consumption data in thousand barrels per day for distillate fuel oil are from Table 3.7b, and are converted to trillion Btu by multiplying by the distillate fuel oil heat content factors in Table A3.

Hydrocarbon Gas Liquids (HGL)—Propane (Including Propylene)
Industrial sector consumption data in thousand barrels per day for HGL are from Table 3.7b, and are converted to trillion Btu by multiplying by the propane/propylene heat content factor in Table A1.

Hydrocarbon Gas Liquids (HGL)—Total
Industrial sector consumption data for HGL are calculated by subtracting HGL consumption data in trillion Btu for the residential (Table 3.8a), commercial (Table 3.8a), and transportation (Table 3.8c) sectors from total HGL consumption (Table 3.6).

Kerosene
Industrial sector consumption data in thousand barrels per day for kerosene are from Table 3.7b, and are converted to trillion Btu by multiplying by the kerosene heat content factor in Table A1.

Lubricants
Industrial sector consumption data in thousand barrels per day for lubricants are from Table 3.7b, and are converted to trillion Btu by multiplying by the lubricants heat content factor in Table A1.

Motor Gasoline
Industrial sector consumption data in thousand barrels per day for motor gasoline are from Table 3.7b, and are converted to trillion Btu by multiplying by the motor gasoline heat content factors in Table A3.

Other Petroleum Products
Industrial sector "Other" petroleum data are equal to the "Other" petroleum data in Table 3.6.

Petroleum Coke
1949–2003: Industrial sector consumption data in thousand barrels per day for petroleum coke are from Table 3.7b, and are converted to trillion Btu by multiplying by the total petroleum coke heat content factor in Table A1.
2004 forward: Industrial sector consumption data for petroleum coke are calculated by subtracting petroleum coke consumption data in trillion Btu for the commercial (Table 3.8a) and electric power (Table 3.8c) sectors from total petroleum coke consumption (Table 3.6).

Residual Fuel Oil
Industrial sector consumption data in thousand barrels per day for residual fuel oil are from Table 3.7b, and are converted to trillion Btu by multiplying by the residual fuel oil heat content factor in Table A1.

Total Petroleum
Industrial sector total petroleum consumption is the sum of the data in trillion Btu for the petroleum products shown in Table 3.8b.

Table 3.8c Sources

Aviation Gasoline
Transportation sector consumption data in thousand barrels per day for aviation gasoline are from Table 3.7c, and are converted to trillion Btu by multiplying by the aviation gasoline (finished) heat content factor in Table A1.

Distillate Fuel Oil, Electric Power Sector
Electric power sector consumption data in thousand barrels per day for distillate fuel oil are from Table 3.7c, and are converted to trillion Btu by multiplying by the distillate fuel oil heat content factors in Table A3.

Distillate Fuel Oil, Transportation Sector
1949–2008: Transportation sector consumption data in thousand barrels per day for distillate fuel oil are from Table 3.7c, and are converted to trillion Btu by multiplying by the distillate fuel oil heat content factors in Table A3.
2009 forward: Data for refinery and blender net inputs of renewable diesel fuel are from U.S. Energy Information Administration (EIA), *Petroleum Supply Annual (PSA)/Petroleum Supply Monthly (PSM)*, Table 1 (for biomass-based diesel fuel, the data are converted to Btu by multiplying by the biodiesel heat content factor in Table A1; for other renewable diesel fuel, the data are converted to Btu by multiplying by the other renewable diesel fuel heat content factor in Table A1). Transportation sector consumption data from Table 3.7c, minus data for renewable diesel fuel from the PSA/PSM, are converted to Btu by multiplying by the distillate fuel oil heat content factors in Table A3. Total transportation sector distillate fuel oil consumption is the sum of distillate fuel oil (excluding renewable diesel fuel) and renewable diesel fuel.

Hydrocarbon Gas Liquids (HGL)—Propane (Including Propylene)
Transportation sector consumption data in thousand barrels per day for HGL are from Table 3.7c, and are converted to trillion Btu by multiplying by the propane/propylene heat content factor in Table A1.

Jet Fuel
Transportation sector consumption data in thousand barrels per day for kerosene-type jet fuel and, through 2004, naphtha-type jet fuel (see sources for Table 3.7c) are

converted to trillion Btu by multiplying by the appropriate heat content factors in Table A1. Total transportation sector jet fuel consumption is the sum of the data in trillion Btu for kerosene-type and naphtha-type jet fuel. (*Note:* Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. Other measurements of consumption by fuel type or sector may differ. For example, jet fuel product supplied may not equal jet fuel consumed by U.S.-flagged aircraft.)

Lubricants

Transportation sector consumption data in thousand barrels per day for lubricants are from Table 3.7c, and are converted to trillion Btu by multiplying by the lubricants heat content factor in Table A1.

Motor Gasoline

Transportation sector consumption data in thousand barrels per day for motor gasoline are from Table 3.7c, and are converted to trillion Btu by multiplying by the motor gasoline heat content factors in Table A3.

Petroleum Coke

1949–2003: Electric power sector consumption data in thousand barrels per day for petroleum coke are from Table 3.7c, and are converted to trillion Btu by multiplying by the total petroleum coke heat content factor in Table A1.
2004 forward: Electric power sector consumption data in thousand barrels per day for petroleum coke are from Table 3.7c, and are converted to trillion Btu by multiplying by the marketable petroleum coke heat content factor in Table A1.

Residual Fuel Oil

Transportation and electric power consumption data in thousand barrels per day for residual fuel oil are from Table 3.7c, and are converted to trillion Btu by multiplying by the residual fuel oil heat content factor in Table A1.

Total Petroleum

Transportation sector total petroleum consumption is the sum of the data in trillion Btu for the petroleum products shown under "Transportation Sector" in Table 3.8c. Electric power sector total petroleum consumption is the sum of the data in trillion Btu for the petroleum products shown under "Electric Power Sector" in Table 3.8c.