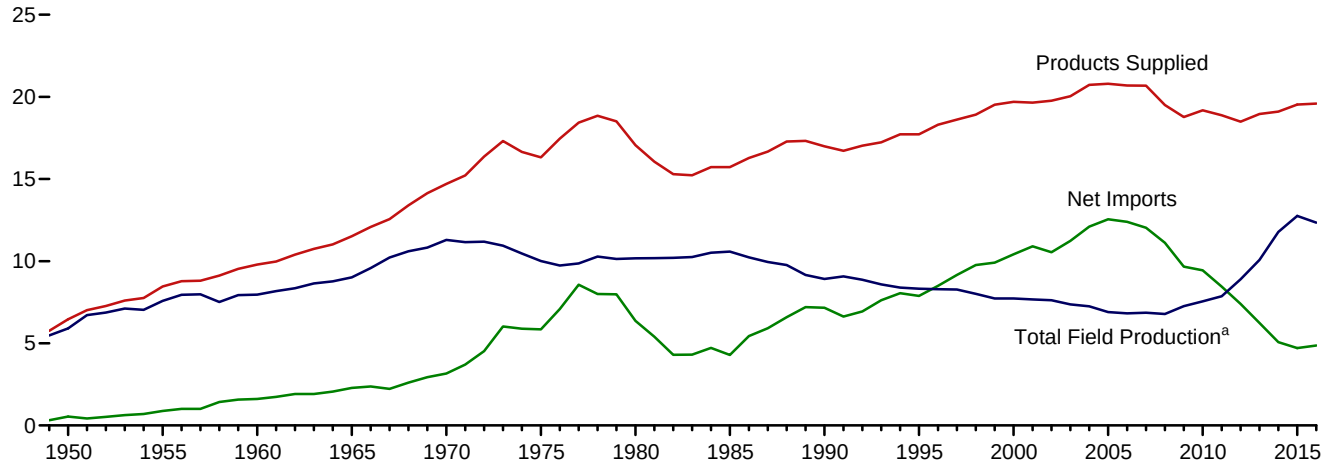
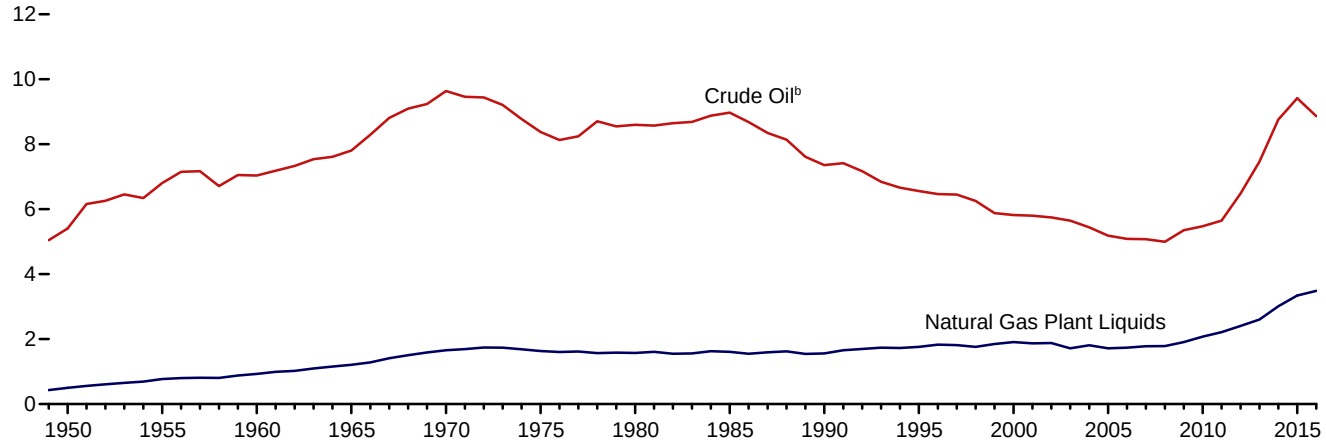
3. Petroleum

Figure 3.1 Petroleum Overview
(Million Barrels per Day)

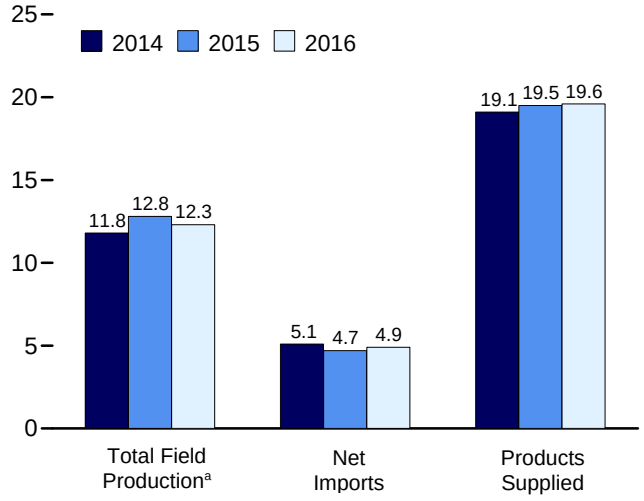
Overview, 1949–2016



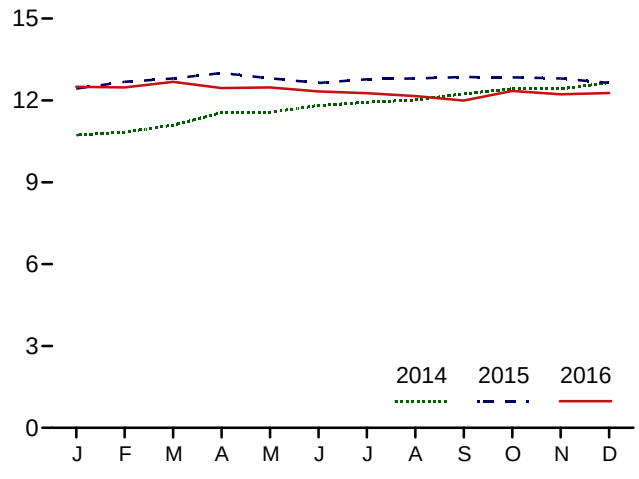
Crude Oil and Natural Gas Plant Liquids Field Production, 1949–2016



Overview, January–December



Total Field Production,[a] Monthly



[a] Crude oil, including lease condensate, and natural gas plant 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[f]	Processing Gain[g]	Trade			Stock Change[j]	Adjustments[c,k]	Petroleum Products Supplied
	Crude Oil[b,c]			NGPL[e]	Total[c]			Imports[h]	Exports	Net Imports[i]			
	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**	[l] **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	**4,355**	**722**	**5,077**	**1,783**	**6,860**	**NA**	**996**	**13,468**	**1,433**	**12,036**	**-152**	**637**	**20,680**
2008 Average	**4,317**	**683**	**5,000**	**1,784**	**6,784**	**NA**	**993**	**12,915**	**1,802**	**11,114**	**195**	**803**	**19,498**
2009 Average	**4,708**	**645**	**5,353**	**1,910**	**7,263**	**746**	**979**	**11,691**	**2,024**	**9,667**	**107**	**224**	**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	**5,085**	**561**	**5,646**	**2,216**	**7,862**	**1,016**	**1,076**	**11,436**	**2,986**	**8,450**	**-124**	**353**	**18,882**
2012 Average	**5,961**	**526**	**6,487**	**2,408**	**8,895**	**964**	**1,059**	**10,598**	**3,205**	**7,393**	**143**	**323**	**18,490**
2013 Average	**6,953**	**515**	**7,468**	**2,606**	**10,073**	**1,002**	**1,087**	**9,859**	**3,621**	**6,237**	**-133**	**428**	**18,961**
2014 January	7,491	542	8,033	2,695	10,728	1,001	1,107	9,305	3,911	5,394	-437	435	19,102
February	7,611	516	8,127	2,710	10,837	1,000	1,064	9,155	3,658	5,497	54	563	18,908
March	7,731	530	8,262	2,829	11,091	1,026	991	9,256	3,993	5,263	254	346	18,464
April	8,068	537	8,605	2,950	11,555	1,040	1,078	9,600	3,974	5,626	916	466	18,849
May	8,080	524	8,604	2,956	11,560	1,057	1,013	9,387	4,113	5,274	948	629	18,585
June	8,234	485	8,718	3,094	11,812	1,091	1,122	8,837	4,155	4,682	106	289	18,890
July	8,392	422	8,815	3,115	11,929	1,088	1,107	9,496	4,464	5,032	105	231	19,283
August	8,478	398	8,876	3,142	12,017	1,051	1,163	9,319	4,457	4,861	162	469	19,400
September	8,569	478	9,047	3,195	12,242	1,059	1,015	9,181	3,947	5,234	430	126	19,246
October	8,733	500	9,233	3,196	12,430	1,044	1,028	8,924	4,134	4,790	-189	210	19,691
November	8,794	513	9,307	3,115	12,422	1,059	1,178	9,009	4,353	4,656	314	370	19,370
December	8,981	515	9,496	3,156	12,652	1,134	1,100	9,402	4,892	4,510	481	543	19,457
Average	**8,267**	**496**	**8,764**	**3,015**	**11,778**	**1,055**	**1,081**	**9,241**	**4,176**	**5,065**	**262**	**389**	**19,106**
2015 January	8,879	500	9,379	3,055	12,434	1,055	1,075	9,461	4,575	4,886	752	521	19,218
February	9,029	488	9,517	3,162	12,678	1,048	1,021	9,272	4,640	4,632	3	300	19,677
March	9,060	506	9,566	3,237	12,802	1,052	1,013	9,619	4,092	5,527	1,060	17	19,352
April	9,117	510	9,627	3,375	13,002	1,065	1,068	9,374	4,938	4,436	856	548	19,263
May	8,999	473	9,472	3,337	12,808	1,107	1,083	9,502	4,853	4,649	704	357	19,301
June	8,873	447	9,320	3,319	12,638	1,148	1,028	9,605	4,657	4,948	350	429	19,841
July	8,968	450	9,418	3,355	12,773	1,124	1,092	9,571	4,960	4,611	-63	462	20,126
August	8,977	408	9,384	3,419	12,803	1,103	1,099	9,858	4,507	5,351	720	294	19,930
September	8,950	472	9,423	3,437	12,860	1,090	1,046	9,358	4,851	4,507	326	241	19,418
October	8,861	497	9,358	3,489	12,847	1,104	1,040	8,842	4,617	4,225	234	519	19,500
November	8,782	523	9,304	3,498	12,803	1,117	1,065	9,151	4,903	4,248	449	361	19,144
December	8,703	522	9,225	3,417	12,642	1,124	1,108	9,742	5,266	4,476	-244	6	19,600
Average	**8,932**	**483**	**9,415**	**3,342**	**12,757**	**1,095**	**1,062**	**9,449**	**4,738**	**4,711**	**432**	**338**	**19,531**
2016 January	E 8,678	E 516	E 9,194	3,303	E 12,497	1,105	1,106	9,734	4,878	4,857	855	346	19,055
February	E 8,639	E 507	E 9,147	3,329	E 12,476	1,124	1,058	10,020	4,948	5,072	141	92	19,680
March	E 8,663	E 511	E 9,174	3,509	E 12,683	1,140	1,041	10,002	5,002	5,000	264	16	19,616
April	E 8,458	E 489	E 8,947	3,504	E 12,451	1,088	1,066	9,829	5,154	4,674	353	337	19,264
May	E 8,377	E 505	E 8,882	3,593	E 12,476	1,141	1,140	10,183	5,658	4,525	505	427	19,202
June	E 8,241	E 470	E 8,711	3,618	E 12,329	1,174	1,106	10,076	5,240	4,836	-28	327	19,799
July	E 8,253	E 438	E 8,691	3,573	E 12,264	1,174	1,184	10,507	5,209	5,298	503	296	19,712
August	RE 8,300	E 459	RE 8,759	3,399	RE 12,158	1,184	1,142	10,311	5,114	5,196	11	R 462	20,131
September	RE 8,123	E 452	RE 8,575	3,420	RE 11,996	1,159	1,117	10,194	5,250	4,944	-506	R 142	19,864
October	RE 8,312	RE 495	RE 8,807	R 3,541	RE 12,348	R 1,145	R 1,079	R 9,723	R 4,942	R 4,781	R 85	R 354	R 19,622
November	E 8,175	E 517	E 8,692	E 3,530	E 12,222	E 1,053	E 1,087	E 10,241	E 5,073	E 5,168	E 189	E 298	E 19,639
December	E 8,266	E 522	E 8,788	E 3,484	E 12,272	E 1,072	E 1,119	E 9,834	E 5,824	E 4,010	E -539	E 502	E 19,513
Average	**E 8,374**	**E 490**	**E 8,864**	**E 3,484**	**E 12,348**	**E 1,130**	**E 1,104**	**E 10,054**	**E 5,192**	**E 4,862**	**E 155**	**E 301**	**E 19,590**

[a] Crude oil production on leases, and natural gas liquids (liquefied petroleum gases, pentanes plus, 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] Natural gas plant liquids.

[f] Renewable fuels and oxygenate plant net production.

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

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

[i] Net imports equal imports minus exports.

[j] 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.

[k] 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.

[l] 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.

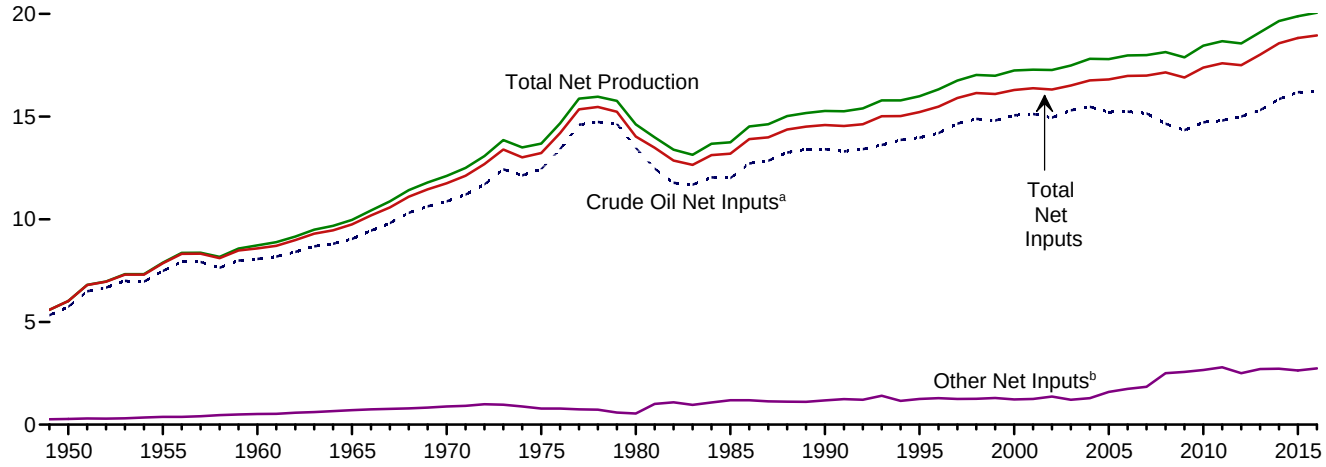
Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

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.

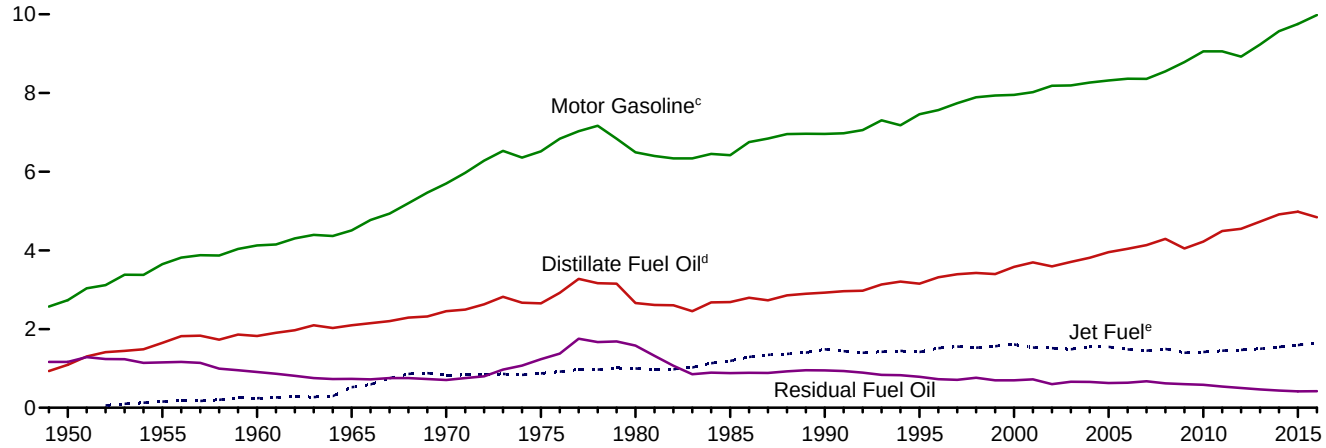
Sources: See end of section.

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

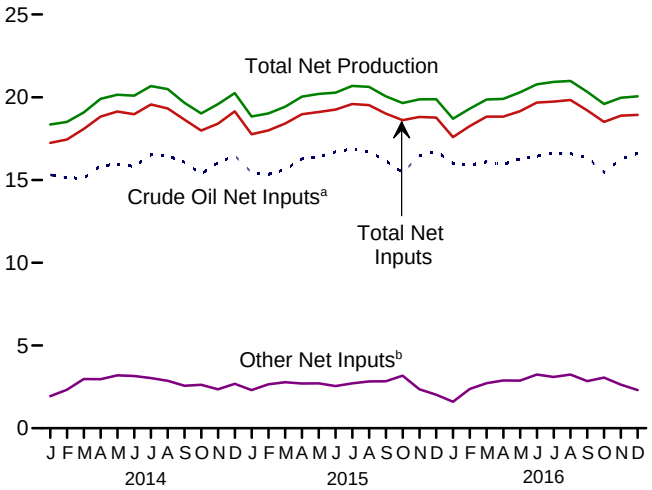
Net Inputs and Net Production, 1949–2016



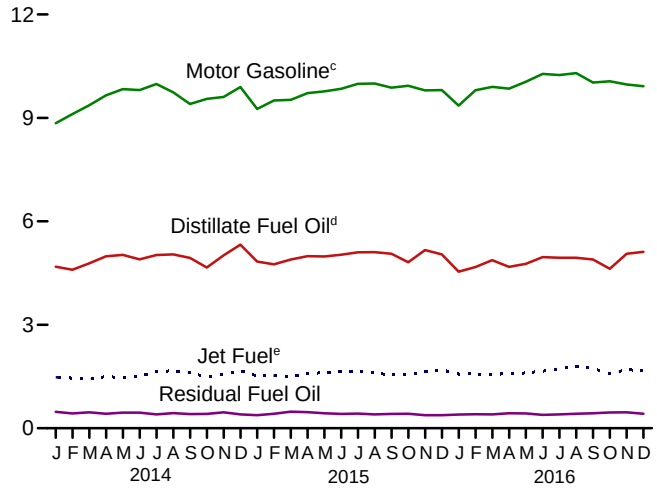
Net Production, Selected Products, 1949–2016



Net Inputs and Net Production, Monthly



Net Production, Selected Products, Monthly



[a] Includes lease condensate.
[b] Natural gas plant 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]							
							LPG[c]					
	Crude Oil[d]	NGPL[e]	Other Liquids[f]	Total	Distillate Fuel Oil[g]	Jet Fuel[h]	Propane[i]	Total	Motor Gasoline[j]	Residual Fuel Oil	Other Products[k]	Total
1950 Average	**5,739**	**259**	**19**	**6,018**	**1,093**	**(h)**	**NA**	**80**	**2,735**	**1,165**	**947**	**6,019**
1955 Average	**7,480**	**345**	**32**	**7,857**	**1,651**	**155**	**NA**	**119**	**3,648**	**1,152**	**1,166**	**7,891**
1960 Average	**8,067**	**455**	**61**	**8,583**	**1,823**	**241**	**NA**	**212**	**4,126**	**908**	**1,420**	**8,729**
1965 Average	**9,043**	**618**	**88**	**9,750**	**2,096**	**523**	**NA**	**293**	**4,507**	**736**	**1,814**	**9,970**
1970 Average	**10,870**	**763**	**121**	**11,754**	**2,454**	**827**	**NA**	**345**	**5,699**	**706**	**2,082**	**12,113**
1975 Average	**12,442**	**710**	**72**	**13,225**	**2,653**	**871**	**234**	**311**	**6,518**	**1,235**	**2,097**	**13,685**
1980 Average	**13,481**	**462**	**81**	**14,025**	**2,661**	**999**	**269**	**330**	**6,492**	**1,580**	**2,559**	**14,622**
1985 Average	**12,002**	**509**	**681**	**13,192**	**2,686**	**1,189**	**295**	**391**	**6,419**	**882**	**2,183**	**13,750**
1990 Average	**13,409**	**467**	**713**	**14,589**	**2,925**	**1,488**	**404**	**499**	**6,959**	**950**	**2,452**	**15,272**
1995 Average	**13,973**	**471**	**775**	**15,220**	**3,155**	**1,416**	**503**	**654**	**7,459**	**788**	**2,522**	**15,994**
2000 Average	**15,067**	**380**	**849**	**16,295**	**3,580**	**1,606**	**583**	**705**	**7,951**	**696**	**2,705**	**17,243**
2001 Average	**15,128**	**429**	**825**	**16,382**	**3,695**	**1,530**	**556**	**667**	**8,022**	**721**	**2,651**	**17,285**
2002 Average	**14,947**	**429**	**941**	**16,316**	**3,592**	**1,514**	**572**	**671**	**8,183**	**601**	**2,712**	**17,273**
2003 Average	**15,304**	**419**	**791**	**16,513**	**3,707**	**1,488**	**570**	**658**	**8,194**	**660**	**2,780**	**17,487**
2004 Average	**15,475**	**422**	**866**	**16,762**	**3,814**	**1,547**	**584**	**645**	**8,265**	**655**	**2,887**	**17,814**
2005 Average	**15,220**	**441**	**1,149**	**16,811**	**3,954**	**1,546**	**540**	**573**	**8,318**	**628**	**2,782**	**17,800**
2006 Average	**15,242**	**501**	**1,238**	**16,981**	**4,040**	**1,481**	**543**	**627**	**8,364**	**635**	**2,827**	**17,975**
2007 Average	**15,156**	**505**	**1,337**	**16,999**	**4,133**	**1,448**	**562**	**655**	**8,358**	**673**	**2,728**	**17,994**
2008 Average	**14,648**	**485**	**2,019**	**17,153**	**4,294**	**1,493**	**519**	**630**	**8,548**	**620**	**2,561**	**18,146**
2009 Average	**14,336**	**485**	**2,082**	**16,904**	**4,048**	**1,396**	**537**	**623**	**8,786**	**598**	**2,431**	**17,882**
2010 Average	**14,724**	**442**	**2,219**	**17,385**	**4,223**	**1,418**	**560**	**659**	**9,059**	**585**	**2,509**	**18,452**
2011 Average	**14,806**	**490**	**2,300**	**17,596**	**4,492**	**1,449**	**552**	**619**	**9,058**	**537**	**2,518**	**18,673**
2012 Average	**14,999**	**509**	**1,997**	**17,505**	**4,550**	**1,471**	**553**	**630**	**8,926**	**501**	**2,487**	**18,564**
2013 Average	**15,312**	**496**	**2,211**	**18,019**	**4,733**	**1,499**	**564**	**623**	**9,234**	**467**	**2,550**	**19,106**
2014 January	15,311	524	1,412	17,247	4,685	1,479	584	406	8,849	476	2,459	18,354
February	15,128	531	1,790	17,448	4,594	1,453	572	505	9,111	427	2,423	18,513
March	15,116	495	2,476	18,087	4,780	1,421	564	666	9,368	461	2,383	19,078
April	15,864	433	2,529	18,826	4,988	1,498	600	860	9,652	420	2,485	19,904
May	15,946	432	2,761	19,139	5,026	1,468	596	887	9,834	454	2,483	20,152
June	15,817	431	2,727	18,975	4,896	1,521	596	870	9,809	455	2,545	20,097
July	16,534	414	2,615	19,563	5,021	1,637	613	909	9,983	402	2,718	20,670
August	16,460	424	2,440	19,325	5,042	1,675	602	888	9,741	439	2,703	20,488
September	16,074	543	2,026	18,642	4,940	1,619	552	610	9,404	410	2,676	19,658
October	15,361	594	2,035	17,990	4,662	1,485	529	444	9,552	416	2,460	19,018
November	16,043	658	1,701	18,402	5,012	1,570	603	387	9,607	462	2,542	19,580
December	16,469	659	2,019	19,147	5,323	1,665	635	398	9,898	401	2,563	20,247
Average	**15,848**	**511**	**2,214**	**18,574**	**4,916**	**1,541**	**587**	**653**	**9,570**	**435**	**2,537**	**19,654**
2015 January	15,456	589	1,721	17,766	4,835	1,513	561	392	9,260	377	2,464	18,841
February	15,342	545	2,112	17,998	4,752	1,525	529	401	9,504	420	2,418	19,019
March	15,640	494	2,281	18,415	4,894	1,498	536	610	9,524	478	2,424	19,428
April	16,273	406	2,292	18,971	4,991	1,591	589	815	9,720	467	2,455	20,039
May	16,402	394	2,317	19,112	4,983	1,608	582	885	9,771	436	2,513	20,195
June	16,701	418	2,131	19,250	5,032	1,640	569	864	9,846	413	2,483	20,278
July	16,879	432	2,280	19,591	5,101	1,670	580	853	9,989	426	2,644	20,683
August	16,700	449	2,377	19,526	5,107	1,600	574	839	9,998	404	2,677	20,625
September	16,168	546	2,294	19,008	5,061	1,547	529	583	9,878	414	2,572	20,054
October	15,440	600	2,573	18,613	4,817	1,554	520	442	9,935	419	2,487	19,653
November	16,458	683	1,669	18,810	5,169	1,634	559	343	9,799	377	2,554	19,875
December	16,742	649	1,377	18,768	5,042	1,698	578	333	9,806	376	2,621	19,876
Average	**16,188**	**517**	**2,119**	**18,824**	**4,983**	**1,590**	**559**	**615**	**9,754**	**417**	**2,527**	**19,886**
2016 January	15,994	668	930	17,592	4,541	1,572	581	346	9,355	397	2,487	18,698
February	15,884	567	1,803	18,254	4,677	1,575	566	418	9,804	405	2,433	19,312
March	16,105	487	2,232	18,824	4,873	1,562	586	655	9,900	401	2,473	19,865
April	15,942	450	2,439	18,830	4,680	1,585	591	821	9,849	436	2,525	19,896
May	16,276	426	2,453	19,155	4,768	1,603	609	889	10,049	428	2,557	20,294
June	16,432	430	2,812	19,674	4,963	1,654	590	879	10,275	389	2,620	20,780
July	16,640	423	2,678	19,741	4,943	1,729	584	861	10,243	401	2,749	20,925
August	16,592	423	2,822	19,837	4,945	1,789	571	828	10,301	422	2,693	20,979
September	16,356	545	2,305	19,205	4,894	1,731	576	644	10,025	436	2,594	20,323
October	R 15,454	R 630	R 2,429	R 18,513	R 4,626	R 1,583	R 556	R 476	R 10,065	R 457	R 2,386	R 19,592
November	E 16,253	RF 658	E 1,973	RF 18,884	E 5,060	E 1,701	E 594	F 374	E 9,970	E 460	E 2,406	E 19,971
December	E 16,622	F 614	E 1,695	F 18,931	E 5,118	E 1,664	E 586	F 387	E 9,921	E 418	E 2,542	E 20,050
Average	**E 16,214**	**E 527**	**E 2,215**	**E 18,955**	**E 4,841**	**E 1,646**	**E 582**	**E 632**	**E 9,980**	**E 421**	**E 2,539**	**E 20,059**

[a] See "Refinery and Blender Net Inputs" in Glossary.
[b] See "Refinery and Blender Net Production" in Glossary.
[c] Liquefied petroleum gases.
[d] Includes lease condensate.
[e] Natural gas plant liquids (liquefied petroleum gases and 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] 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.")
[i] Includes propylene.
[j] Finished motor gasoline. Through 1963, also includes aviation gasoline and special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.
[k] 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.

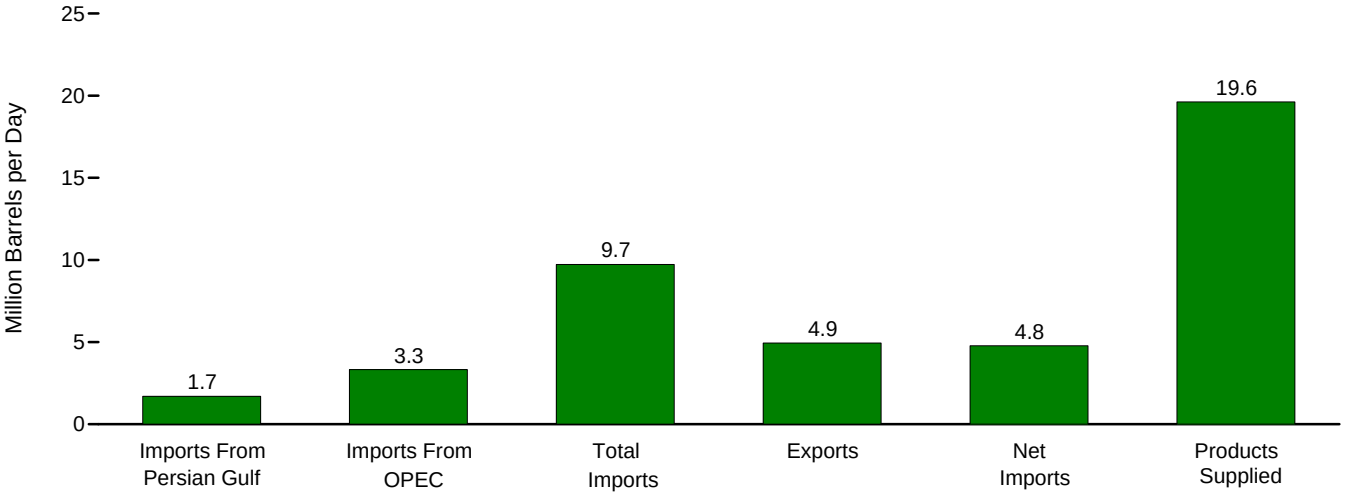
Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

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.

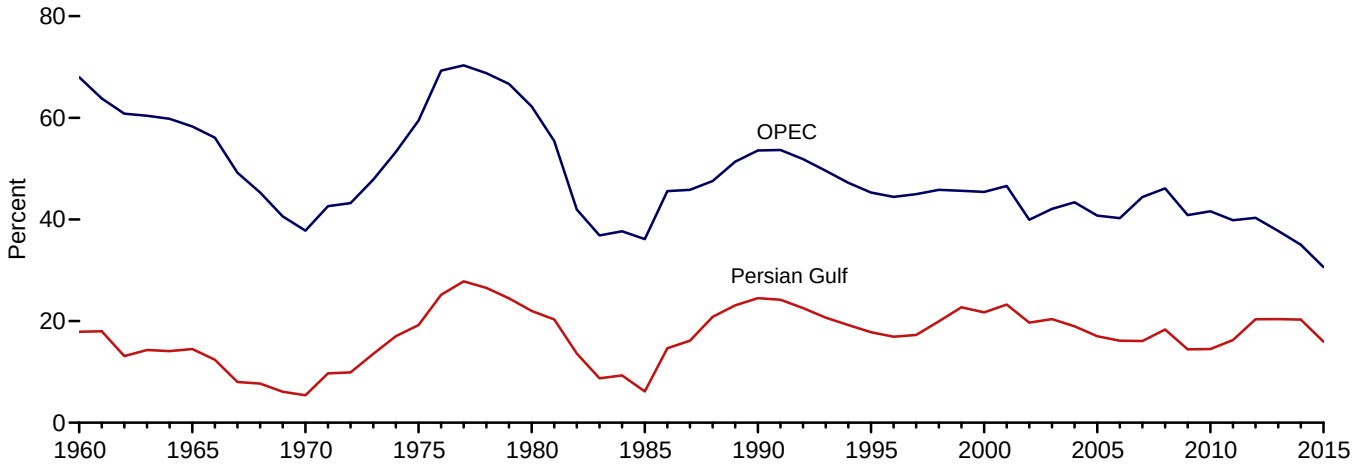
Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2015:** EIA, *Petroleum Supply Annual,* annual reports. • **2016:** 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

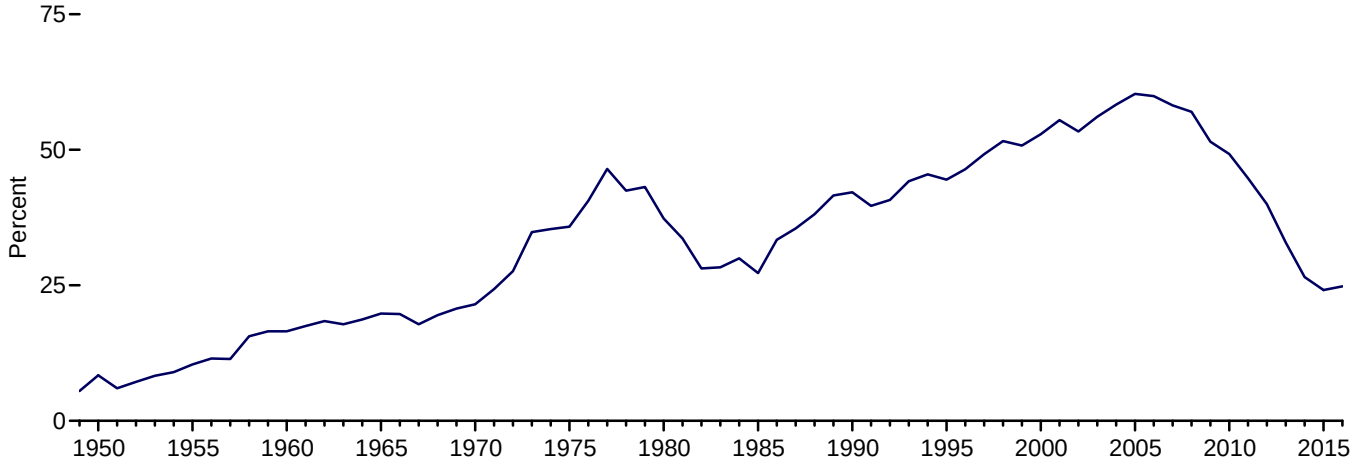
Overview, October 2016



Imports From OPEC and Persian Gulf as Share of Total Imports, 1960–2015



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**	**18,882**	**9.9**	**24.1**	**60.6**	**44.8**	**16.3**	**39.8**
2012 Average	**2,156**	**4,271**	**10,598**	**3,205**	**7,393**	**18,490**	**11.7**	**23.1**	**57.3**	**40.0**	**20.3**	**40.3**
2013 Average	**2,009**	**3,720**	**9,859**	**3,621**	**6,237**	**18,961**	**10.6**	**19.6**	**52.0**	**32.9**	**20.4**	**37.7**
2014 January	2,187	3,350	9,305	3,911	5,394	19,102	11.4	17.5	48.7	28.2	23.5	36.0
February	2,172	3,398	9,155	3,658	5,497	18,908	11.5	18.0	48.4	29.1	23.7	37.1
March	2,132	3,395	9,256	3,993	5,263	18,464	11.5	18.4	50.1	28.5	23.0	36.7
April	2,274	3,708	9,600	3,974	5,626	18,849	12.1	19.7	50.9	29.8	23.7	38.6
May	1,929	3,313	9,387	4,113	5,274	18,585	10.4	17.8	50.5	28.4	20.5	35.3
June	1,941	3,252	8,837	4,155	4,682	18,890	10.3	17.2	46.8	24.8	22.0	36.8
July	2,145	3,598	9,496	4,464	5,032	19,283	11.1	18.7	49.2	26.1	22.6	37.9
August	1,781	3,275	9,319	4,457	4,861	19,400	9.2	16.9	48.0	25.1	19.1	35.1
September	1,645	3,217	9,181	3,947	5,234	19,246	8.5	16.7	47.7	27.2	17.9	35.0
October	1,428	2,677	8,924	4,134	4,790	19,691	7.3	13.6	45.3	24.3	16.0	30.0
November	1,584	2,921	9,009	4,353	4,656	19,370	8.2	15.1	46.5	24.0	17.6	32.4
December	1,304	2,760	9,402	4,892	4,510	19,457	6.7	14.2	48.3	23.2	13.9	29.4
Average	**1,875**	**3,237**	**9,241**	**4,176**	**5,065**	**19,106**	**9.8**	**16.9**	**48.4**	**26.5**	**20.3**	**35.0**
2015 January	1,334	2,538	9,461	4,575	4,886	19,218	6.9	13.2	49.2	25.4	14.1	26.8
February	1,433	2,794	9,272	4,640	4,632	19,677	7.3	14.2	47.1	23.5	15.5	30.1
March	1,466	2,801	9,619	4,092	5,527	19,352	7.6	14.5	49.7	28.6	15.2	29.1
April	1,532	2,734	9,374	4,938	4,436	19,263	8.0	14.2	48.7	23.0	16.3	29.2
May	1,724	3,133	9,502	4,853	4,649	19,301	8.9	16.2	49.2	24.1	18.1	33.0
June	1,617	2,869	9,605	4,657	4,948	19,841	8.1	14.5	48.4	24.9	16.8	29.9
July	1,479	2,911	9,571	4,960	4,611	20,126	7.3	14.5	47.6	22.9	15.5	30.4
August	1,247	2,750	9,858	4,507	5,351	19,930	6.3	13.8	49.5	26.8	12.7	27.9
September	1,290	2,854	9,358	4,851	4,507	19,418	6.6	14.7	48.2	23.2	13.8	30.5
October	1,519	2,899	8,842	4,617	4,225	19,500	7.8	14.9	45.3	21.7	17.2	32.8
November	1,662	3,169	9,151	4,903	4,248	19,144	8.7	16.6	47.8	22.2	18.2	34.6
December	1,773	3,274	9,742	5,266	4,476	19,600	9.0	16.7	49.7	22.8	18.2	33.6
Average	**1,507**	**2,894**	**9,449**	**4,738**	**4,711**	**19,531**	**7.7**	**14.8**	**48.4**	**24.1**	**15.9**	**30.6**
2016 January	1,520	3,052	9,734	4,878	4,857	19,055	8.0	16.0	51.1	25.5	15.6	31.4
February	1,574	3,210	10,020	4,948	5,072	19,680	8.0	16.3	50.9	25.8	15.7	32.0
March	1,820	3,576	10,002	5,002	5,000	19,616	9.3	18.2	51.0	25.5	18.2	35.8
April	1,709	3,351	9,829	5,154	4,674	19,264	8.9	17.4	51.0	24.3	17.4	34.1
May	1,933	3,642	10,183	5,658	4,525	19,202	10.1	19.0	53.0	23.6	19.0	35.8
June	1,716	3,303	10,076	5,240	4,836	19,799	8.7	16.7	50.9	24.4	17.0	32.8
July	1,793	3,803	10,507	5,209	5,298	19,712	9.1	19.3	53.3	26.9	17.1	36.2
August	1,815	3,422	10,311	5,114	5,196	20,131	9.0	17.0	51.2	25.8	17.6	33.2
September	1,982	3,572	10,194	5,250	4,944	19,864	10.0	18.0	51.3	24.9	19.4	35.0
October	R 1,698	R 3,329	R 9,723	R 4,942	R 4,781	R 19,622	R 8.7	R 17.0	R 49.6	R 24.4	R 17.5	R 34.2
November	NA	NA	E 10,241	E 5,073	E 5,168	E 19,639	NA	NA	E 52.1	E 26.3	NA	NA
December	NA	NA	E 9,834	E 5,824	E 4,010	E 19,513	NA	NA	E 50.4	E 20.6	NA	NA
Average	**NA**	**NA**	**E 10,054**	**E 5,192**	**E 4,862**	**E 19,590**	**NA**	**NA**	**E 51.3**	**E 24.8**	**NA**	**NA**

[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.

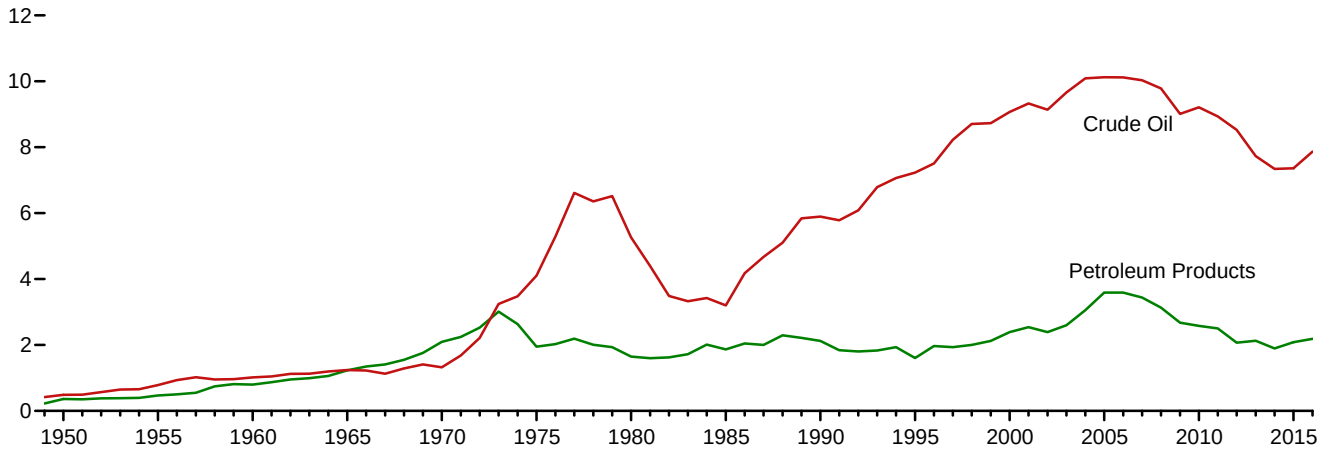
Notes: • For the feature article "Measuring Dependence on Imported Oil," published in the August 1995 *Monthly Energy Review,* see http://www.eia.gov/totalenergy/data/monthly/pdf/historical/imported_oil.pdf. • Beginning in October 1977, data include Strategic Petroleum Reserve imports. See Table 3.3b. • 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.

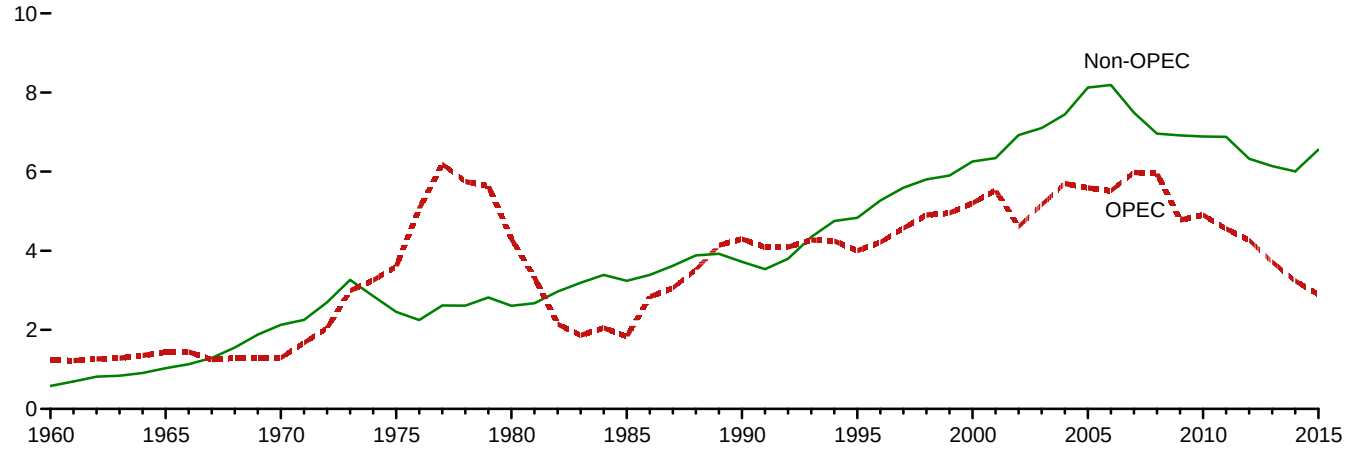
Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2015:** EIA, *Petroleum Supply Annual,* annual reports, and unpublished revisions. • **2016:** 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)

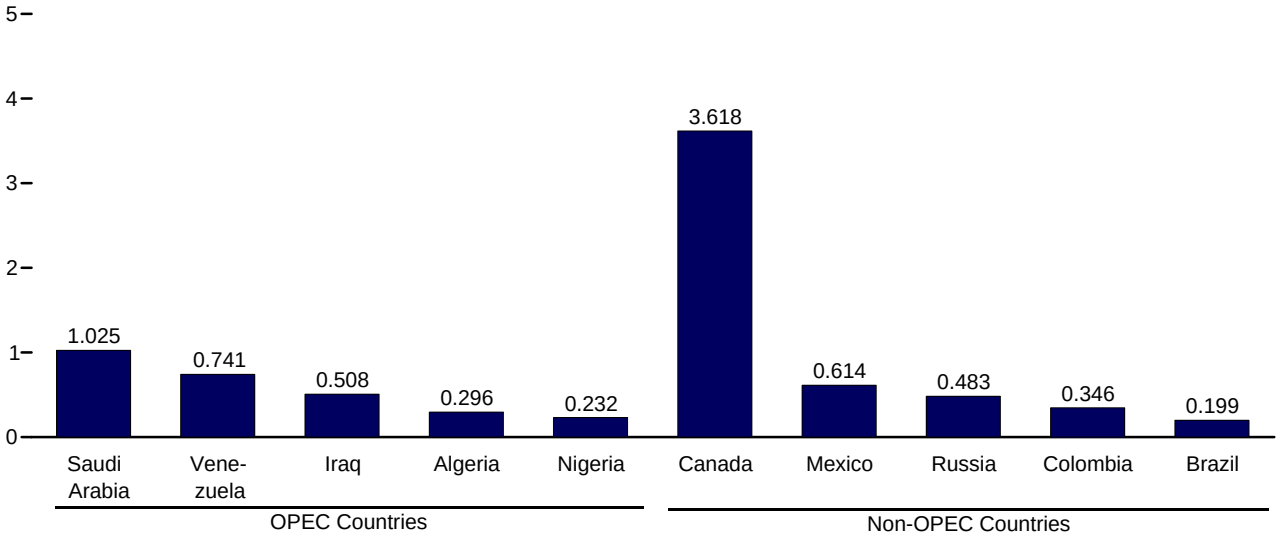
Overview, 1949–2016



OPEC and Non-OPEC, 1960–2015



From Selected Countries, October 2016



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	Jet Fuel[d]	LPG[b]		Motor Gasoline[f]	Residual Fuel Oil	Other[g]	Total	Crude Oil[a]	Petroleum Products	Total
	SPR[c]	Total			Propane[e]	Total							
1950 Average	**– –**	**487**	**7**	**([d])**	**–**	**–**	**(s)**	**329**	**27**	**850**	**95**	**210**	**305**
1955 Average	**– –**	**782**	**12**	**([d])**	**–**	**–**	**13**	**417**	**24**	**1,248**	**32**	**336**	**368**
1960 Average	**– –**	**1,015**	**35**	**34**	**NA**	**4**	**27**	**637**	**62**	**1,815**	**8**	**193**	**202**
1965 Average	**– –**	**1,238**	**36**	**81**	**NA**	**21**	**28**	**946**	**119**	**2,468**	**3**	**184**	**187**
1970 Average	**– –**	**1,324**	**147**	**144**	**26**	**52**	**67**	**1,528**	**157**	**3,419**	**14**	**245**	**259**
1975 Average	**– –**	**4,105**	**155**	**133**	**60**	**112**	**184**	**1,223**	**144**	**6,056**	**6**	**204**	**209**
1980 Average	**44**	**5,263**	**142**	**80**	**69**	**216**	**140**	**939**	**130**	**6,909**	**287**	**258**	**544**
1985 Average	**118**	**3,201**	**200**	**39**	**67**	**187**	**381**	**510**	**550**	**5,067**	**204**	**577**	**781**
1990 Average	**27**	**5,894**	**278**	**108**	**115**	**188**	**342**	**504**	**705**	**8,018**	**109**	**748**	**857**
1995 Average	**–**	**7,230**	**193**	**106**	**102**	**146**	**265**	**187**	**708**	**8,835**	**95**	**855**	**949**
2000 Average	**8**	**9,071**	**295**	**162**	**161**	**215**	**427**	**352**	**938**	**11,459**	**50**	**990**	**1,040**
2001 Average	**11**	**9,328**	**344**	**148**	**145**	**206**	**454**	**295**	**1,095**	**11,871**	**20**	**951**	**971**
2002 Average	**16**	**9,140**	**267**	**107**	**145**	**183**	**498**	**249**	**1,085**	**11,530**	**9**	**975**	**984**
2003 Average	**–**	**9,665**	**333**	**109**	**168**	**225**	**518**	**327**	**1,087**	**12,264**	**12**	**1,014**	**1,027**
2004 Average	**77**	**10,088**	**325**	**127**	**209**	**263**	**496**	**426**	**1,419**	**13,145**	**27**	**1,021**	**1,048**
2005 Average	**52**	**10,126**	**329**	**190**	**233**	**328**	**603**	**530**	**1,609**	**13,714**	**32**	**1,133**	**1,165**
2006 Average	**8**	**10,118**	**365**	**186**	**228**	**332**	**475**	**350**	**1,881**	**13,707**	**25**	**1,292**	**1,317**
2007 Average	**7**	**10,031**	**304**	**217**	**182**	**247**	**413**	**372**	**1,885**	**13,468**	**27**	**1,405**	**1,433**
2008 Average	**19**	**9,783**	**213**	**103**	**185**	**253**	**302**	**349**	**1,913**	**12,915**	**29**	**1,773**	**1,802**
2009 Average	**56**	**9,013**	**225**	**81**	**147**	**182**	**223**	**331**	**1,635**	**11,691**	**44**	**1,980**	**2,024**
2010 Average	**–**	**9,213**	**228**	**98**	**121**	**153**	**134**	**366**	**1,600**	**11,793**	**42**	**2,311**	**2,353**
2011 Average	**–**	**8,935**	**179**	**69**	**110**	**135**	**105**	**328**	**1,686**	**11,436**	**47**	**2,939**	**2,986**
2012 Average	**–**	**8,527**	**126**	**55**	**116**	**141**	**44**	**256**	**1,450**	**10,598**	**67**	**3,137**	**3,205**
2013 Average	**–**	**7,730**	**155**	**84**	**127**	**148**	**45**	**225**	**1,471**	**9,859**	**134**	**3,487**	**3,621**
2014 January	–	7,589	283	42	187	206	42	132	1,011	9,305	248	3,663	3,911
February	–	7,199	337	94	221	244	11	221	1,049	9,155	247	3,411	3,658
March	–	7,274	324	91	122	142	36	156	1,233	9,256	251	3,741	3,993
April	–	7,555	181	144	79	101	57	183	1,379	9,600	282	3,693	3,974
May	–	7,167	198	104	66	85	47	175	1,611	9,387	309	3,804	4,113
June	–	7,068	121	109	91	117	51	151	1,222	8,837	394	3,761	4,155
July	–	7,630	129	85	64	83	60	177	1,331	9,496	421	4,043	4,464
August	–	7,473	143	63	76	90	73	166	1,311	9,319	391	4,066	4,457
September	–	7,495	126	133	75	96	77	178	1,076	9,181	349	3,598	3,947
October	–	7,148	120	90	99	122	64	218	1,161	8,924	376	3,758	4,134
November	–	7,295	136	80	90	110	41	175	1,172	9,009	521	3,832	4,353
December	–	7,225	245	102	129	153	29	152	1,495	9,402	421	4,471	4,892
Average	**–**	**7,344**	**195**	**94**	**108**	**128**	**49**	**173**	**1,257**	**9,241**	**351**	**3,824**	**4,176**
2015 January	–	7,171	349	132	156	176	74	218	1,341	9,461	495	4,080	4,575
February	–	7,100	388	127	163	182	51	225	1,199	9,272	442	4,198	4,640
March	–	7,592	324	163	147	161	61	146	1,173	9,619	438	3,654	4,092
April	–	7,208	243	134	127	145	75	179	1,390	9,374	599	4,339	4,938
May	–	7,245	191	170	91	111	109	239	1,436	9,502	527	4,326	4,853
June	–	7,321	132	204	96	116	100	174	1,557	9,605	445	4,211	4,657
July	–	7,360	143	160	107	129	33	144	1,603	9,571	546	4,414	4,960
August	–	7,717	140	132	111	130	33	177	1,529	9,858	461	4,047	4,507
September	–	7,228	103	66	92	114	63	243	1,541	9,358	410	4,441	4,851
October	–	7,102	101	83	120	148	103	136	1,168	8,842	500	4,116	4,617
November	–	7,371	150	102	129	153	70	198	1,108	9,151	320	4,584	4,903
December	–	7,902	155	108	145	171	84	222	1,100	9,742	392	4,874	5,266
Average	**–**	**7,363**	**200**	**132**	**124**	**145**	**71**	**192**	**1,346**	**9,449**	**465**	**4,273**	**4,738**
2016 January	–	7,675	175	154	147	189	60	291	1,190	9,734	364	4,514	4,878
February	–	7,910	231	117	190	210	65	173	1,314	10,020	374	4,573	4,948
March	–	8,042	150	155	122	144	66	277	1,168	10,002	508	4,495	5,002
April	–	7,637	177	122	103	116	78	211	1,488	9,829	591	4,563	5,154
May	–	7,946	123	180	101	116	44	152	1,621	10,183	662	4,996	5,658
June	–	7,611	88	132	96	116	76	270	1,784	10,076	383	4,857	5,240
July	–	8,092	123	174	104	127	82	275	1,636	10,507	474	4,735	5,209
August	–	8,035	164	147	117	138	34	259	1,534	10,311	657	4,457	5,114
September	–	8,057	150	138	121	136	71	170	1,470	10,194	692	4,558	5,250
October	–	R 7,607	R 75	R 155	R 136	R 162	R 44	R 159	R 1,521	R 9,723	R 491	R 4,451	R 4,942
November	–	E 7,900	E 144	E 178	E 183	NA	E 48	E 205	NA	E 10,241	E 473	E 4,600	E 5,073
December	–	E 7,893	E 168	E 136	E 172	NA	E 32	E 171	NA	E 9,834	E 595	E 5,229	E 5,824
Average	**–**	**E 7,868**	**E 147**	**E 149**	**E 132**	**NA**	**E 58**	**E 218**	**NA**	**E 10,054**	**E 523**	**E 4,670**	**E 5,192**

[a] Includes lease condensate.
[b] Liquefied petroleum gases.
[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] 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.")
[e] Includes propylene.
[f] 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.
[g] Asphalt and road oil, aviation gasoline blending components, kerosene, lubricants, pentanes plus, 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. • **1981–2015:** EIA, *Petroleum Supply Annual,* annual reports, and unpublished revisions. • **2016:** 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]	Venezuela	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**	**–**	**896**	**1,572**	**1,546**	**72**	**5,203**
2001 Average	**278**	([b])	([c])	**795**	**250**	**–**	**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 January	68	94	227	249	474	–	89	1,462	687	1	3,350
February	79	114	207	290	348	–	59	1,464	807	31	3,398
March	92	117	173	306	360	–	112	1,444	772	19	3,395
April	69	157	170	321	342	–	187	1,607	853	1	3,708
May	102	178	217	351	334	–	118	1,241	772	1	3,313
June	147	166	138	529	355	–	115	1,017	748	38	3,252
July	118	159	214	496	375	–	61	1,232	901	40	3,598
August	137	129	305	543	263	10	48	897	867	76	3,275
September	185	202	305	350	245	–	57	1,005	824	42	3,217
October	101	147	242	286	304	–	59	830	702	6	2,677
November	98	209	120	421	137	57	55	1,014	800	10	2,921
December	125	180	255	282	197	11	144	813	744	10	2,760
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	72	3,052
February	174	133	246	245	289	5	274	1,011	773	61	3,210
March	147	172	264	365	123	–	290	1,309	846	59	3,576
April	137	242	182	349	199	10	243	1,154	788	45	3,351
May	102	161	230	555	177	75	297	1,171	787	87	3,642
June	183	128	223	434	135	–	252	1,104	748	97	3,303
July	191	299	234	390	323	5	299	1,053	933	75	3,803
August	169	159	253	488	156	22	181	1,142	773	78	3,422
September	155	157	213	448	275	4	168	1,211	825	116	3,572
October	296	122	203	508	154	–	232	1,025	741	48	3,329
10-Month Average	**168**	**174**	**238**	**404**	**203**	**13**	**237**	**1,124**	**792**	**74**	**3,428**
2015 10-Month Average	**110**	**124**	**238**	**203**	**212**	**7**	**70**	**1,035**	**819**	**11**	**2,829**
2014 10-Month Average	**110**	**146**	**220**	**373**	**340**	**1**	**91**	**1,218**	**793**	**25**	**3,317**

[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: Gabon (1975–1994 and July 2016 forward), Indonesia (1962–2008 and 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. • **1981–2015:** EIA, *Petroleum Supply Annual,* annual reports. • **2016:** 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 January	128	3,412	381	1,030	106	36	212	142	–	508	5,955
February	181	3,213	320	864	105	88	365	68	–	554	5,757
March	72	3,201	382	871	90	70	424	131	–	620	5,861
April	100	3,140	334	753	110	72	405	170	–	809	5,893
May	136	3,276	247	799	127	39	351	179	–	921	6,074
June	143	3,258	210	777	15	30	274	97	–	781	5,585
July	157	3,289	202	753	32	55	405	128	–	877	5,897
August	214	3,432	336	798	61	44	394	84	–	680	6,044
September	113	3,543	333	859	56	7	282	57	–	713	5,964
October	258	3,429	354	834	119	28	316	109	–	801	6,247
November	224	3,466	427	945	68	35	170	110	–	644	6,088
December	198	3,971	287	821	129	42	355	119	–	720	6,642
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	4,111	509	710	57	58	384	115	–	569	6,683
February	148	4,201	507	539	73	61	436	71	–	773	6,810
March	112	3,882	561	657	30	143	329	141	–	571	6,426
April	160	3,558	386	788	54	89	509	149	–	784	6,478
May	110	3,571	570	676	62	44	435	106	–	967	6,541
June	194	3,485	583	739	59	113	472	168	1	958	6,773
July	158	3,436	536	733	43	108	531	92	–	1,066	6,704
August	274	3,823	534	672	31	49	479	141	–	884	6,888
September	154	3,794	500	595	67	124	406	132	–	851	6,622
October	199	3,618	346	614	107	75	483	89	–	862	6,394
10-Month Average	**168**	**3,746**	**503**	**673**	**58**	**86**	**446**	**120**	**(s)**	**829**	**6,631**
2015 10-Month Average	**227**	**3,751**	**395**	**761**	**61**	**65**	**391**	**127**	**–**	**842**	**6,619**
2014 10-Month Average	**150**	**3,320**	**310**	**834**	**82**	**47**	**343**	**117**	**–**	**728**	**5,931**

[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.

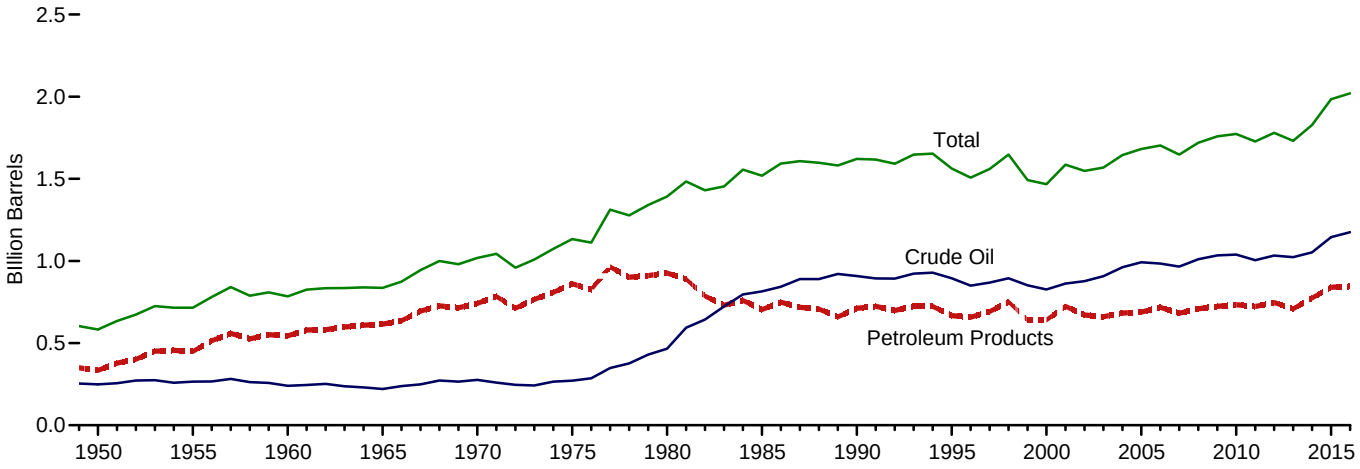
Notes: • See "Organization of the Petroleum Exporting Countries (OPEC)" in Glossary. Petroleum imports not classified as "OPEC" on Table 3.3c are included on this table. • The country of origin for petroleum products may not be the country of origin for the crude oil from which the products were produced. 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.

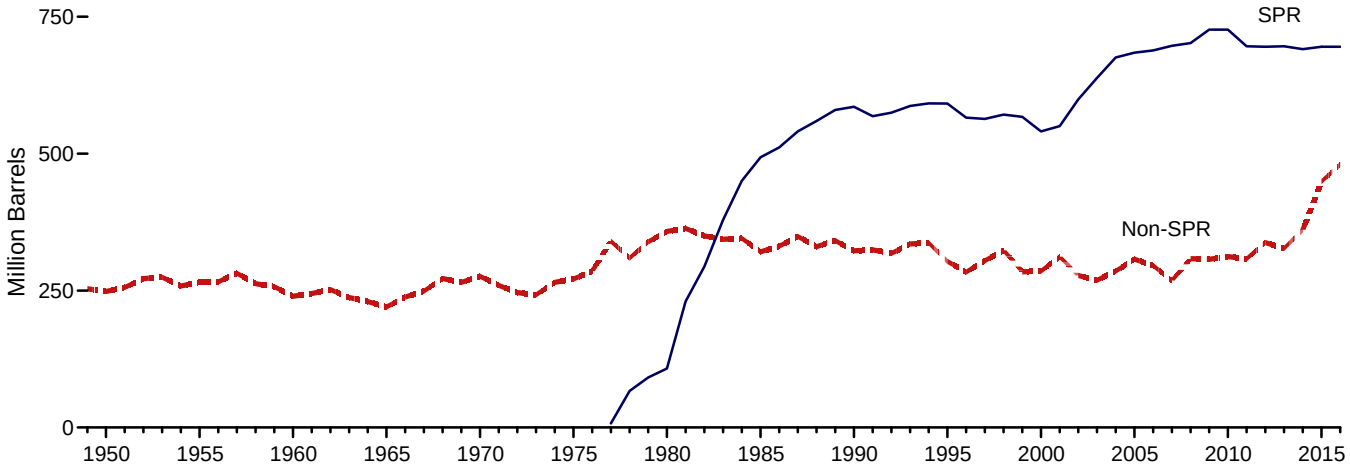
Sources: • **1960–1972:** Bureau of Mines, *Minerals Yearbook,* annual reports. • **1973–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2015:** EIA, *Petroleum Supply Annual,* annual reports. • **2016:** EIA, *Petroleum Supply Monthly,* monthly reports.

Figure 3.4 Petroleum Stocks

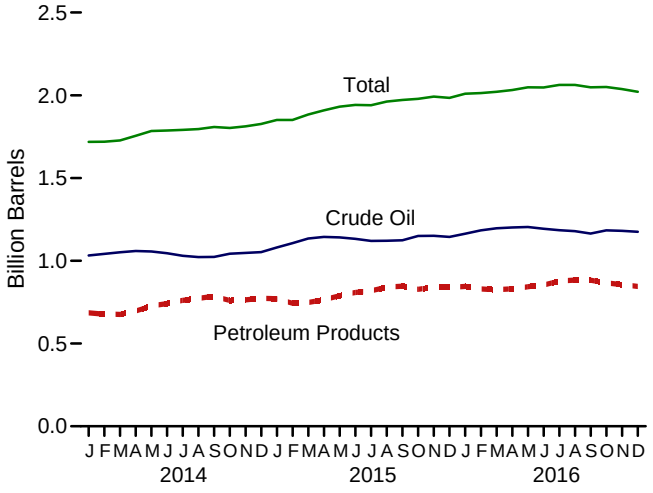
Overview, 1949–2016



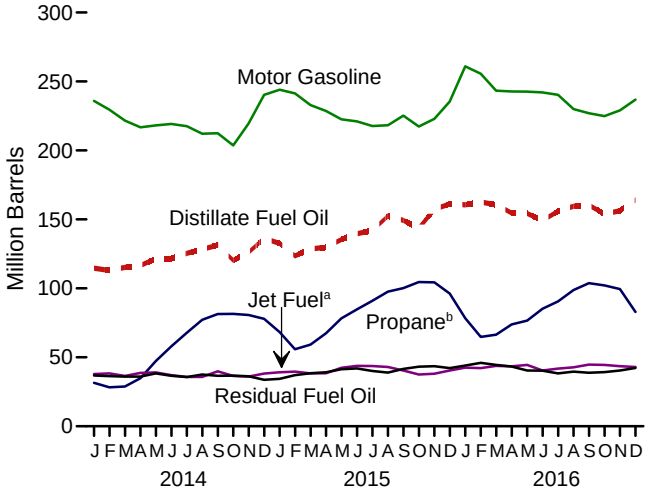
SPR and Non-SPR Crude Oil Stocks, 1949–2016



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[e]	Jet Fuel[f]	LPG[b]		Motor Gasoline[h]	Residual Fuel Oil	Other[i]	Total
	SPR[c]	Non-SPR[d]	Total			Propane[g]	Total				
1950 Year	– –	248	248	72	([f])	NA	2	116	41	104	583
1955 Year	– –	266	266	111	3	NA	7	165	39	123	715
1960 Year	– –	240	240	138	7	NA	23	195	45	137	785
1965 Year	– –	220	220	155	19	NA	30	175	56	181	836
1970 Year	– –	276	276	195	28	NA	67	209	54	188	1,018
1975 Year	– –	271	271	209	30	82	125	235	74	188	1,133
1980 Year	108	358	466	205	42	65	120	261	92	205	1,392
1985 Year	493	321	814	144	40	39	74	223	50	174	1,519
1990 Year	586	323	908	132	52	49	98	220	49	162	1,621
1995 Year	592	303	895	130	40	43	93	202	37	165	1,563
2000 Year	541	286	826	118	45	41	83	196	36	164	1,468
2001 Year	550	312	862	145	42	66	121	210	41	166	1,586
2002 Year	599	278	877	134	39	53	106	209	31	152	1,548
2003 Year	638	269	907	137	39	50	94	207	38	147	1,568
2004 Year	676	286	961	126	40	55	104	218	42	153	1,645
2005 Year	685	308	992	136	42	57	109	208	37	157	1,682
2006 Year	689	296	984	144	39	62	113	212	42	169	1,703
2007 Year	697	268	965	134	39	52	96	218	39	156	1,648
2008 Year	702	308	1,010	146	38	55	113	214	36	162	1,719
2009 Year	727	307	1,034	166	43	50	102	223	37	153	1,758
2010 Year	727	312	1,039	164	43	49	108	219	41	158	1,773
2011 Year	696	308	1,004	149	41	55	112	223	34	164	1,728
2012 Year	695	338	1,033	135	40	68	141	231	34	167	1,780
2013 Year	696	327	1,023	128	37	45	114	228	38	163	1,732
2014 January	696	336	1,032	115	38	32	90	236	37	171	1,718
February	696	345	1,041	113	38	28	82	229	36	179	1,719
March	696	355	1,051	115	36	29	86	222	36	182	1,727
April	693	365	1,059	117	39	35	103	217	36	186	1,755
May	691	365	1,056	122	39	47	126	218	38	185	1,784
June	691	354	1,045	122	37	58	150	219	37	177	1,787
July	691	339	1,030	125	36	68	172	218	36	175	1,791
August	691	331	1,022	128	36	77	187	212	38	172	1,796
September	691	332	1,023	131	40	81	191	212	37	174	1,809
October	691	352	1,043	120	36	82	186	204	37	177	1,803
November	691	357	1,048	126	36	81	171	220	36	175	1,812
December	**691**	**361**	**1,052**	**136**	**38**	**78**	**155**	**240**	**34**	**172**	**1,827**
2015 January	691	389	1,080	133	39	68	135	244	34	185	1,850
February	691	415	1,106	124	40	56	116	241	37	187	1,850
March	691	443	1,134	129	38	59	123	233	38	187	1,883
April	691	453	1,144	130	38	68	141	229	39	188	1,909
May	692	449	1,141	135	42	78	161	223	41	187	1,931
June	694	439	1,133	140	44	85	175	221	42	187	1,941
July	695	425	1,120	142	44	91	188	218	40	188	1,939
August	695	426	1,121	153	43	98	205	218	39	183	1,962
September	695	429	1,124	149	40	100	210	225	42	180	1,971
October	695	455	1,150	144	37	105	209	217	43	177	1,979
November	695	456	1,151	157	38	104	197	223	44	182	1,992
December	**695**	**449**	**1,144**	**161**	**40**	**96**	**177**	**235**	**42**	**184**	**1,985**
2016 January	695	469	1,164	161	42	78	145	261	44	192	2,009
February	695	488	1,184	163	42	65	127	256	46	196	2,013
March	695	502	1,197	161	44	66	134	243	45	199	2,021
April	695	506	1,201	155	43	74	150	243	43	197	2,032
May	695	509	1,204	154	45	77	167	243	40	195	2,048
June	695	498	1,193	149	40	85	191	242	40	191	2,047
July	695	490	1,185	156	42	91	208	240	38	193	2,062
August	695	484	1,179	160	43	99	224	230	40	188	2,063
September	695	469	1,164	160	45	104	227	227	39	186	2,048
October	695	R 489	R 1,184	R 154	R 45	R 102	R 219	R 225	39	R 184	R 2,050
November	E 695	E 486	E 1,181	E 156	E 44	E 99	RF 206	E 229	E 40	E 181	E 2,038
December	E **695**	E **480**	E **1,175**	E **164**	E **43**	E **83**	F **176**	E **237**	E **42**	E **183**	E **2,021**

[a] Includes lease condensate.
[b] Liquefied petroleum gases.
[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] Crude oil stocks at (or in) refineries, pipelines, tank farms, and bulk terminals. Through 2004, also includes crude oil stocks on leases. Beginning in 1981, also includes stocks of Alaskan crude oil in transit by water.
[e] Excludes stocks in the Northeast Home Heating Oil Reserve. Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.
[f] 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.")
[g] Includes propylene.
[h] Includes finished motor gasoline and motor gasoline blending components; excludes oxygenates. Through 1963, also includes aviation gasoline and special naphthas.
[i] Asphalt and road oil, aviation gasoline blending components, kerosene, lubricants, pentanes plus, 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.

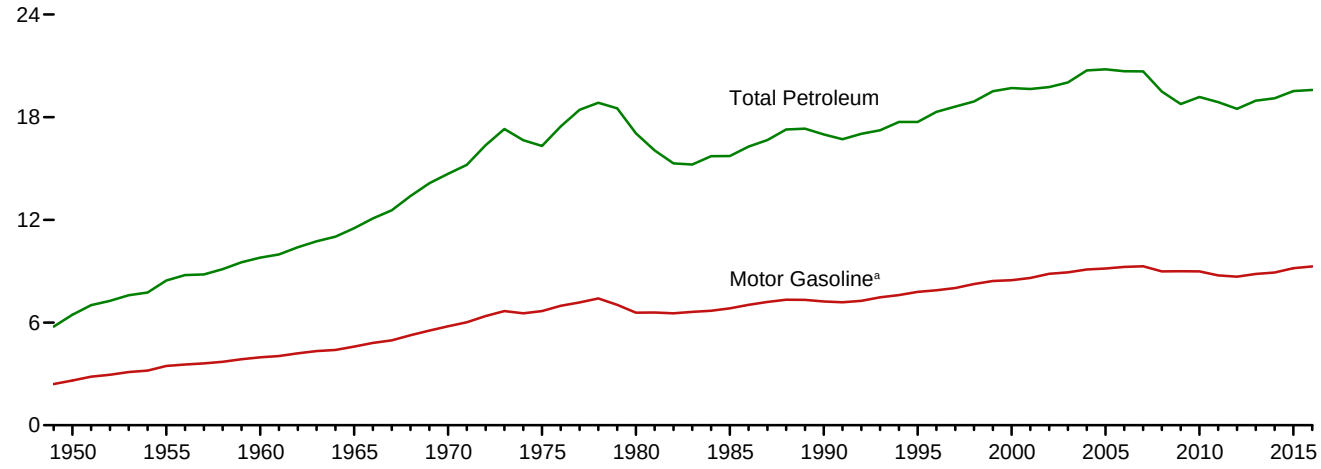
Notes: • Stocks are at end of period. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

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.

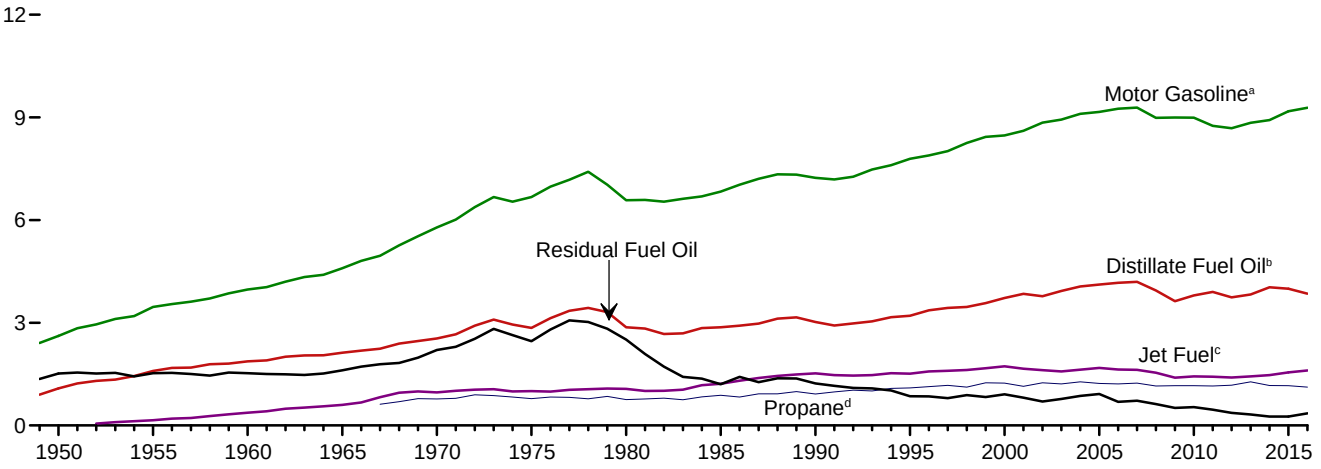
Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2015:** EIA, *Petroleum Supply Annual,* annual reports. • **2016:** 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)

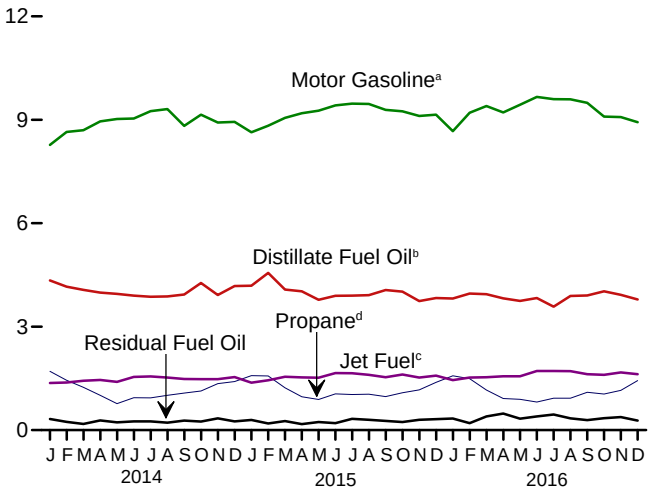
Total Petroleum and Motor Gasoline, 1949–2016



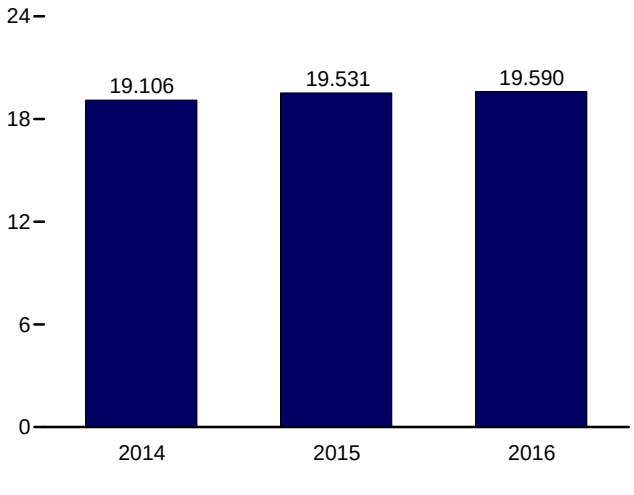
Selected Products,1949–2016



Selected Products, Monthly



Total, January–December



[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]	Jet Fuel[c]	Kero-sene	LPG[a]		Lubri-cants	Motor Gasoline[e]	Petro-leum Coke	Residual Fuel Oil	Other[f]	Total
						Propane[d]	Total						
1950 Average	**180**	**108**	**1,082**	**(c)**	**323**	**NA**	**234**	**106**	**2,616**	**41**	**1,517**	**250**	**6,458**
1955 Average	**254**	**192**	**1,592**	**154**	**320**	**NA**	**404**	**116**	**3,463**	**67**	**1,526**	**366**	**8,455**
1960 Average	**302**	**161**	**1,872**	**371**	**271**	**NA**	**621**	**117**	**3,969**	**149**	**1,529**	**435**	**9,797**
1965 Average	**368**	**120**	**2,126**	**602**	**267**	**NA**	**841**	**129**	**4,593**	**202**	**1,608**	**657**	**11,512**
1970 Average	**447**	**55**	**2,540**	**967**	**263**	**776**	**1,224**	**136**	**5,785**	**212**	**2,204**	**866**	**14,697**
1975 Average	**419**	**39**	**2,851**	**1,001**	**159**	**783**	**1,333**	**137**	**6,675**	**247**	**2,462**	**1,001**	**16,322**
1980 Average	**396**	**35**	**2,866**	**1,068**	**158**	**754**	**1,469**	**159**	**6,579**	**237**	**2,508**	**1,581**	**17,056**
1985 Average	**425**	**27**	**2,868**	**1,218**	**114**	**883**	**1,599**	**145**	**6,831**	**264**	**1,202**	**1,032**	**15,726**
1990 Average	**483**	**24**	**3,021**	**1,522**	**43**	**917**	**1,556**	**164**	**7,235**	**339**	**1,229**	**1,373**	**16,988**
1995 Average	**486**	**21**	**3,207**	**1,514**	**54**	**1,096**	**1,899**	**156**	**7,789**	**365**	**852**	**1,381**	**17,725**
2000 Average	**525**	**20**	**3,722**	**1,725**	**67**	**1,235**	**2,231**	**166**	**8,472**	**406**	**909**	**1,458**	**19,701**
2001 Average	**519**	**19**	**3,847**	**1,655**	**72**	**1,142**	**2,044**	**153**	**8,610**	**437**	**811**	**1,481**	**19,649**
2002 Average	**512**	**18**	**3,776**	**1,614**	**43**	**1,248**	**2,163**	**151**	**8,848**	**463**	**700**	**1,474**	**19,761**
2003 Average	**503**	**16**	**3,927**	**1,578**	**55**	**1,215**	**2,074**	**140**	**8,935**	**455**	**772**	**1,579**	**20,034**
2004 Average	**537**	**17**	**4,058**	**1,630**	**64**	**1,276**	**2,132**	**141**	**9,105**	**524**	**865**	**1,657**	**20,731**
2005 Average	**546**	**19**	**4,118**	**1,679**	**70**	**1,229**	**2,030**	**141**	**9,159**	**515**	**920**	**1,605**	**20,802**
2006 Average	**521**	**18**	**4,169**	**1,633**	**54**	**1,215**	**2,052**	**137**	**9,253**	**522**	**689**	**1,640**	**20,687**
2007 Average	**494**	**17**	**4,196**	**1,622**	**32**	**1,235**	**2,085**	**142**	**9,286**	**490**	**723**	**1,593**	**20,680**
2008 Average	**417**	**15**	**3,945**	**1,539**	**14**	**1,154**	**1,954**	**131**	**8,989**	**464**	**622**	**1,408**	**19,498**
2009 Average	**360**	**14**	**3,631**	**1,393**	**18**	**1,160**	**2,051**	**118**	**8,997**	**427**	**511**	**1,251**	**18,771**
2010 Average	**362**	**15**	**3,800**	**1,432**	**20**	**1,160**	**2,173**	**131**	**8,993**	**376**	**535**	**1,343**	**19,180**
2011 Average	**355**	**15**	**3,899**	**1,425**	**12**	**1,153**	**2,204**	**125**	**8,753**	**361**	**461**	**1,272**	**18,882**
2012 Average	**340**	**14**	**3,741**	**1,398**	**5**	**1,175**	**2,251**	**114**	**8,682**	**360**	**369**	**1,215**	**18,490**
2013 Average	**323**	**12**	**3,827**	**1,434**	**5**	**1,275**	**2,440**	**121**	**8,843**	**354**	**319**	**1,282**	**18,961**
2014 January	195	10	4,340	1,364	18	1,703	2,935	105	8,273	439	325	1,098	19,102
February	208	7	4,160	1,380	5	1,445	2,603	103	8,647	300	238	1,256	18,908
March	215	12	4,066	1,433	2	1,241	2,405	145	8,697	178	180	1,130	18,464
April	278	12	3,990	1,455	2	1,009	2,198	131	8,955	324	279	1,224	18,849
May	346	13	3,952	1,400	2	770	1,943	129	9,023	368	226	1,183	18,585
June	402	11	3,902	1,544	2	942	2,096	117	9,039	352	254	1,171	18,890
July	466	17	3,866	1,559	12	936	2,143	138	9,249	413	253	1,166	19,283
August	458	14	3,875	1,522	1	1,010	2,342	128	9,311	346	218	1,184	19,400
September	447	12	3,933	1,482	18	1,076	2,340	144	8,822	413	278	1,358	19,246
October	392	11	4,266	1,479	16	1,134	2,410	127	9,148	362	246	1,234	19,691
November	264	11	3,917	1,476	6	1,346	2,674	137	8,921	400	339	1,225	19,370
December	247	12	4,178	1,537	22	1,408	2,668	111	8,941	265	252	1,223	19,457
Average	**327**	**12**	**4,037**	**1,470**	**9**	**1,167**	**2,396**	**126**	**8,921**	**347**	**257**	**1,204**	**19,106**
2015 January	200	8	4,186	1,375	3	1,580	2,814	153	8,639	404	294	1,142	19,218
February	215	8	4,559	1,445	9	1,572	2,822	123	8,829	217	195	1,255	19,677
March	222	9	4,078	1,548	11	1,228	2,419	152	9,057	377	263	1,215	19,352
April	303	14	4,027	1,527	1	966	2,261	148	9,189	377	172	1,243	19,263
May	343	13	3,778	1,519	20	890	2,238	159	9,262	383	235	1,351	19,301
June	472	12	3,897	1,654	(s)	1,053	2,326	132	9,417	407	200	1,324	19,841
July	480	18	3,901	1,650	1	1,030	2,382	156	9,470	399	325	1,343	20,126
August	510	11	3,915	1,601	2	1,042	2,291	121	9,460	412	298	1,309	19,930
September	469	11	4,063	1,534	1	970	2,196	127	9,289	283	267	1,179	19,418
October	400	14	4,014	1,614	3	1,084	2,411	145	9,245	329	236	1,090	19,500
November	287	9	3,740	1,524	1	1,169	2,557	104	9,112	306	300	1,203	19,144
December	212	9	3,831	1,578	25	1,384	2,751	130	9,148	283	317	1,317	19,600
Average	**343**	**11**	**3,995**	**1,548**	**6**	**1,162**	**2,454**	**138**	**9,178**	**349**	**259**	**1,248**	**19,531**
2016 January	200	7	3,816	1,449	-3	1,577	2,898	134	8,670	349	339	1,195	19,055
February	219	11	3,959	1,525	1	1,490	2,723	141	9,206	362	200	1,333	19,680
March	262	10	3,941	1,536	12	1,160	2,444	145	9,399	362	398	1,108	19,616
April	304	14	3,823	1,560	5	918	2,255	128	9,213	292	481	1,189	19,264
May	392	11	3,745	1,562	4	894	2,230	134	9,436	271	333	1,083	19,202
June	479	12	3,830	1,714	8	815	2,144	147	9,663	247	398	1,156	19,799
July	475	12	3,578	1,715	9	927	2,299	113	9,597	314	454	1,145	19,712
August	527	14	3,890	1,710	1	924	2,248	121	9,595	429	342	1,255	20,131
September	438	11	3,905	1,624	11	1,096	2,442	127	9,492	289	290	1,236	19,864
October	R 415	R 10	R 4,024	R 1,605	R 14	R 1,047	R 2,414	R 131	R 9,095	R 310	R 345	R 1,259	R 19,622
November	F 302	F 10	E 3,923	E 1,675	RF 8	E 1,154	RF 2,585	RF 118	E 9,081	RF 337	E 380	E 1,220	E 19,639
December	F 226	F 9	E 3,789	E 1,621	F 14	E 1,435	F 2,831	F 114	E 8,932	F 326	E 275	E 1,376	E 19,513
Average	**E 354**	**E 11**	**E 3,851**	**E 1,608**	**E 7**	**E 1,119**	**E 2,459**	**E 129**	**E 9,281**	**E 324**	**E 353**	**E 1,212**	**E 19,590**

[a] Liquefied petroleum gases.

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

[c] 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.").

[d] Includes propylene.

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

[f] Pentanes plus, 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.

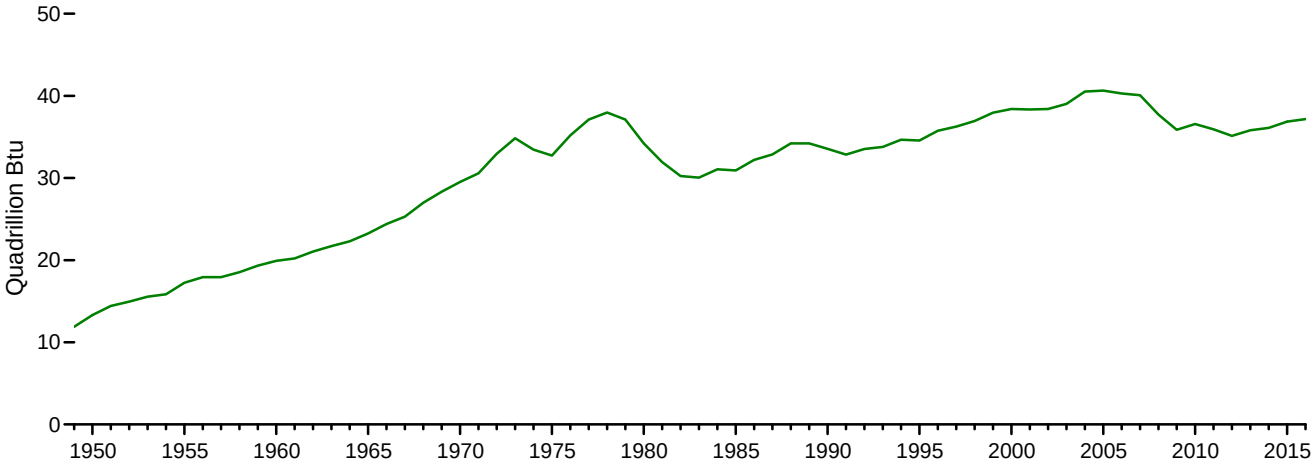
Notes: • Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent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

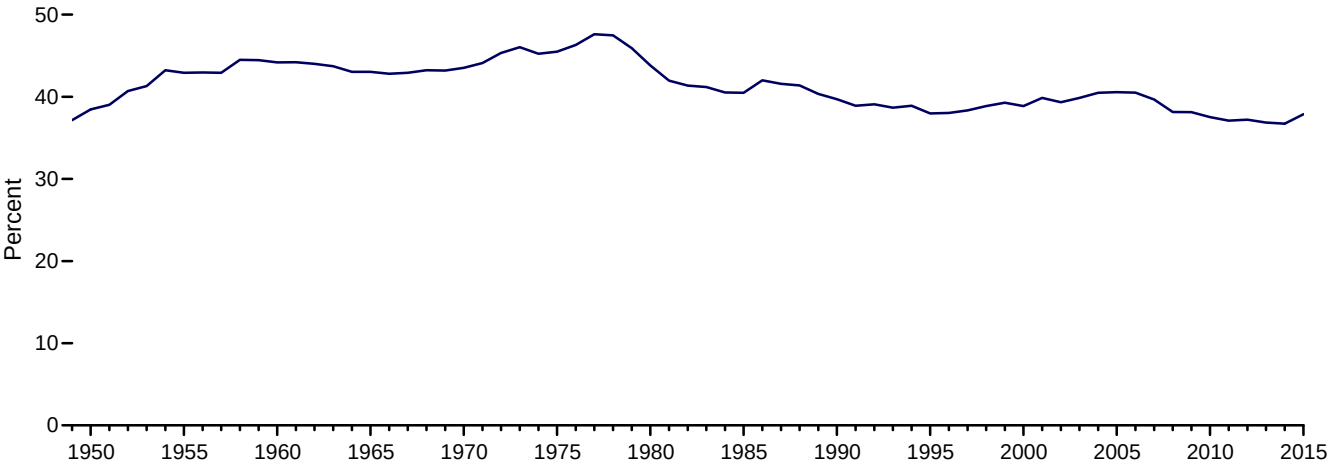
Sources: • **1949–1975:** Bureau of Mines, Mineral Industry Surveys, *Petroleum Statement, Annual,* annual reports. • **1976–1980:** U.S. Energy Information Administration (EIA), Energy Data Reports, *Petroleum Statement, Annual,* annual reports. • **1981–2015:** EIA, *Petroleum Supply Annual,* annual reports, and unpublished revisions. • **2016:** 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

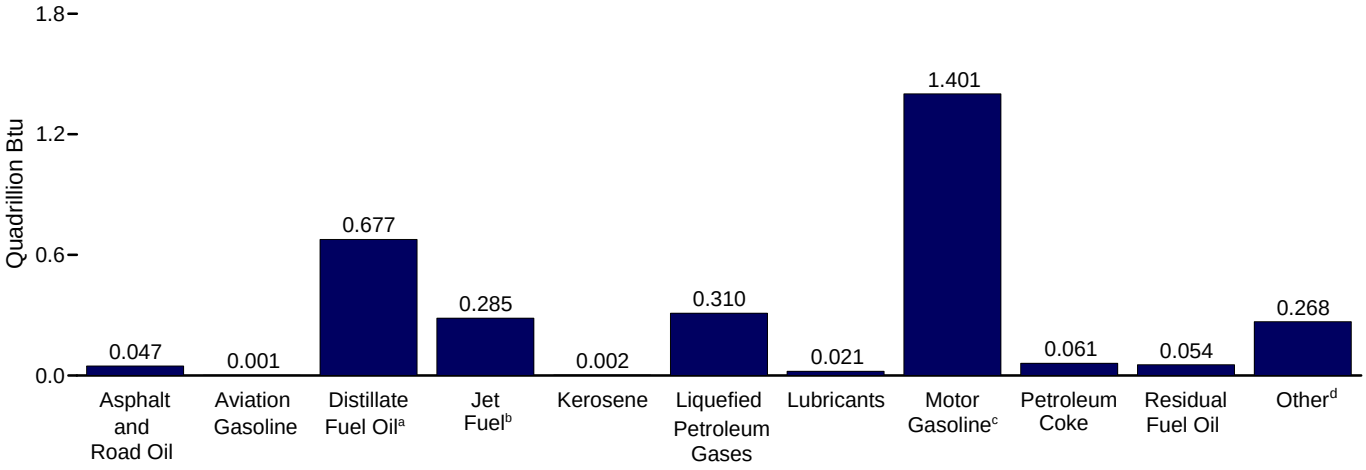
Total, 1949–2016



Petroleum Products Supplied as Share of Total Energy Consumption, 1949–2015



By Product, December 2016



[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]	Jet Fuel[c]	Kero-sene	LPG[a]		Lubri-cants	Motor Gasoline[e]	Petro-leum Coke	Residual Fuel Oil	Other[f]	Total
						Propane[d]	Total						
1950 Total	**435**	**199**	**2,300**	**(c)**	**668**	**NA**	**343**	**236**	**5,015**	**90**	**3,482**	**546**	**13,315**
1955 Total	**615**	**354**	**3,385**	**301**	**662**	**NA**	**592**	**258**	**6,640**	**147**	**3,502**	**798**	**17,255**
1960 Total	**734**	**298**	**3,992**	**739**	**563**	**NA**	**912**	**259**	**7,631**	**328**	**3,517**	**947**	**19,919**
1965 Total	**890**	**222**	**4,519**	**1,215**	**553**	**NA**	**1,232**	**286**	**8,806**	**444**	**3,691**	**1,390**	**23,246**
1970 Total	**1,082**	**100**	**5,401**	**1,973**	**544**	**1,086**	**1,689**	**301**	**11,091**	**465**	**5,057**	**1,817**	**29,521**
1975 Total	**1,014**	**71**	**6,061**	**2,047**	**329**	**1,097**	**1,807**	**304**	**12,798**	**542**	**5,649**	**2,109**	**32,732**
1980 Total	**962**	**64**	**6,110**	**2,190**	**329**	**1,059**	**1,976**	**354**	**12,648**	**522**	**5,772**	**3,278**	**34,205**
1985 Total	**1,029**	**50**	**6,098**	**2,497**	**236**	**1,236**	**2,103**	**322**	**13,098**	**582**	**2,759**	**2,152**	**30,925**
1990 Total	**1,170**	**45**	**6,422**	**3,129**	**88**	**1,284**	**2,059**	**362**	**13,872**	**745**	**2,820**	**2,839**	**33,552**
1995 Total	**1,178**	**40**	**6,812**	**3,132**	**112**	**1,534**	**2,512**	**346**	**14,834**	**802**	**1,955**	**2,837**	**34,558**
2000 Total	**1,276**	**36**	**7,927**	**3,580**	**140**	**1,734**	**2,945**	**369**	**16,167**	**895**	**2,091**	**2,979**	**38,406**
2001 Total	**1,257**	**35**	**8,170**	**3,426**	**150**	**1,598**	**2,697**	**338**	**16,386**	**961**	**1,861**	**3,056**	**38,337**
2002 Total	**1,240**	**34**	**8,020**	**3,340**	**90**	**1,747**	**2,852**	**334**	**16,829**	**1,018**	**1,605**	**3,040**	**38,401**
2003 Total	**1,220**	**30**	**8,341**	**3,265**	**113**	**1,701**	**2,748**	**309**	**16,968**	**1,000**	**1,772**	**3,264**	**39,030**
2004 Total	**1,304**	**31**	**8,642**	**3,383**	**133**	**1,791**	**2,824**	**313**	**17,333**	**1,148**	**1,990**	**3,428**	**40,528**
2005 Total	**1,323**	**35**	**8,745**	**3,475**	**144**	**1,721**	**2,682**	**312**	**17,378**	**1,125**	**2,111**	**3,318**	**40,647**
2006 Total	**1,261**	**33**	**8,831**	**3,379**	**111**	**1,701**	**2,700**	**303**	**17,531**	**1,141**	**1,581**	**3,416**	**40,289**
2007 Total	**1,197**	**32**	**8,858**	**3,358**	**67**	**1,729**	**2,733**	**313**	**17,472**	**1,072**	**1,659**	**3,313**	**40,073**
2008 Total	**1,012**	**28**	**8,346**	**3,193**	**30**	**1,620**	**2,574**	**291**	**16,865**	**1,017**	**1,432**	**2,941**	**37,728**
2009 Total	**873**	**27**	**7,661**	**2,883**	**36**	**1,624**	**2,664**	**262**	**16,750**	**937**	**1,173**	**2,611**	**35,877**
2010 Total	**878**	**27**	**8,014**	**2,963**	**41**	**1,624**	**2,821**	**291**	**16,668**	**831**	**1,228**	**2,800**	**36,561**
2011 Total	**859**	**27**	**8,217**	**2,950**	**25**	**1,614**	**2,839**	**276**	**16,191**	**801**	**1,058**	**2,676**	**35,920**
2012 Total	**827**	**25**	**7,903**	**2,901**	**11**	**1,649**	**2,912**	**254**	**16,089**	**802**	**849**	**2,558**	**35,130**
2013 Total	**783**	**22**	**8,059**	**2,969**	**11**	**1,785**	**3,167**	**268**	**16,339**	**786**	**731**	**2,677**	**35,812**
2014 January	40	2	776	240	3	203	326	20	1,298	83	63	195	3,045
February	39	1	672	219	1	155	260	18	1,225	51	42	201	2,727
March	44	2	727	252	(s)	148	263	27	1,364	34	35	202	2,950
April	55	2	690	248	(s)	116	233	24	1,359	59	53	212	2,936
May	71	2	707	246	(s)	92	210	24	1,415	70	44	212	3,001
June	80	2	675	263	(s)	108	220	21	1,372	64	48	201	2,946
July	96	3	691	274	2	111	232	26	1,451	78	49	209	3,111
August	94	2	693	268	(s)	120	254	24	1,461	65	42	211	3,115
September	89	2	681	252	3	124	246	26	1,339	75	52	233	2,999
October	81	2	763	260	3	135	265	24	1,435	69	48	218	3,166
November	53	2	678	251	1	155	286	25	1,354	73	64	211	2,997
December	51	2	747	270	4	167	295	21	1,402	50	49	215	3,106
Total	**793**	**22**	**8,499**	**3,042**	**19**	**1,634**	**3,090**	**280**	**16,476**	**772**	**590**	**2,518**	**36,101**
2015 January	41	1	749	242	(s)	188	313	29	1,355	76	57	202	3,065
February	40	1	736	229	1	169	281	21	1,251	37	34	200	2,832
March	46	1	729	272	2	146	266	29	1,421	71	51	213	3,101
April	60	2	697	260	(s)	111	238	27	1,395	69	32	212	2,992
May	70	2	675	267	4	106	245	30	1,453	72	46	241	3,105
June	94	2	674	281	(s)	121	247	24	1,430	74	38	227	3,091
July	99	3	697	290	(s)	123	262	29	1,486	75	63	239	3,244
August	105	2	700	281	(s)	124	252	23	1,484	78	58	229	3,212
September	93	2	703	261	(s)	112	230	23	1,410	52	50	202	3,026
October	82	2	718	284	1	129	263	27	1,450	62	46	190	3,125
November	57	1	647	259	(s)	135	270	19	1,383	56	57	207	2,956
December	44	1	685	277	4	165	302	24	1,435	53	62	233	3,121
Total	**832**	**21**	**8,411**	**3,204**	**13**	**1,627**	**3,168**	**305**	**16,952**	**776**	**595**	**2,595**	**36,870**
2016 January	41	1	682	255	(s)	188	321	25	1,360	66	66	218	3,035
February	42	2	662	251	(s)	166	280	25	1,351	64	36	230	2,943
March	54	2	705	270	2	138	266	27	1,474	68	78	203	3,148
April	61	2	661	265	1	106	238	23	1,399	53	91	211	3,005
May	81	2	670	275	1	106	242	25	1,480	51	65	199	3,090
June	95	2	663	292	1	94	225	27	1,467	45	75	206	3,097
July	98	2	640	301	2	110	248	21	1,505	59	89	209	3,174
August	109	2	695	300	(s)	110	243	23	1,505	81	67	230	3,256
September	87	2	676	276	2	126	261	23	1,441	53	55	218	3,092
October	85	2	R 719	R 282	R 2	R 124	R 263	R 25	R 1,427	R 59	R 67	R 227	R 3,158
November	F 60	F 1	E 679	E 285	F 1	E 133	RF 274	F 22	E 1,378	RF 61	RE 72	E 213	E 3,047
December	F 47	F 1	E 677	E 285	F 2	E 171	F 310	F 21	E 1,401	F 61	E 54	E 268	E 3,129
Total	**E 859**	**E 20**	**E 8,129**	**E 3,337**	**E 15**	**E 1,571**	**E 3,172**	**E 287**	**E 17,188**	**E 722**	**E 813**	**E 2,633**	**E 37,175**

[a] Liquefied petroleum gases.

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

[c] 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.").

[d] Includes propylene.

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

[f] Pentanes plus, 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.

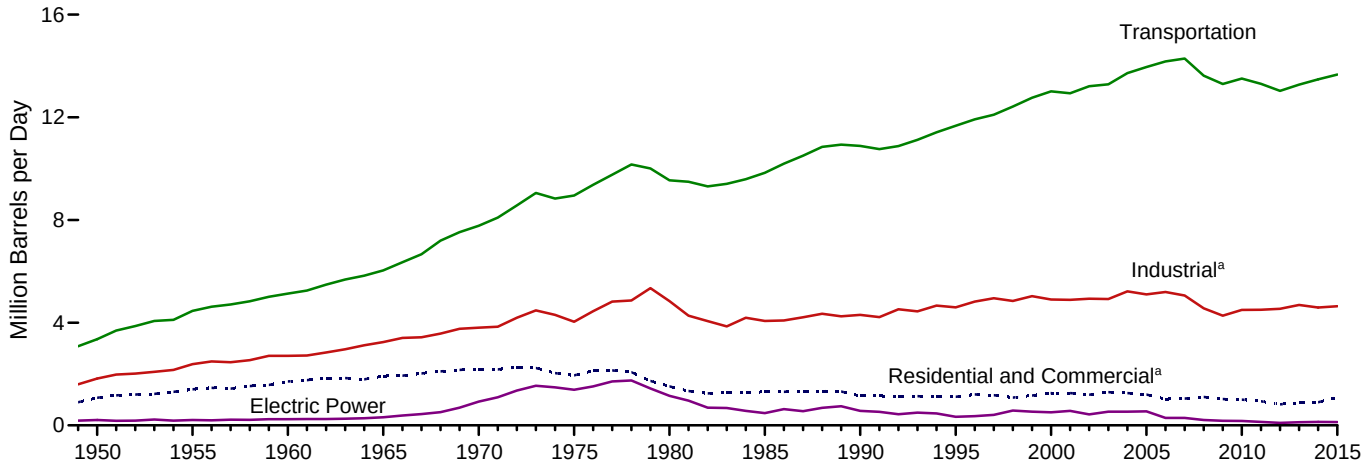
Notes: • Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • Totals may not equal sum of components due to independent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

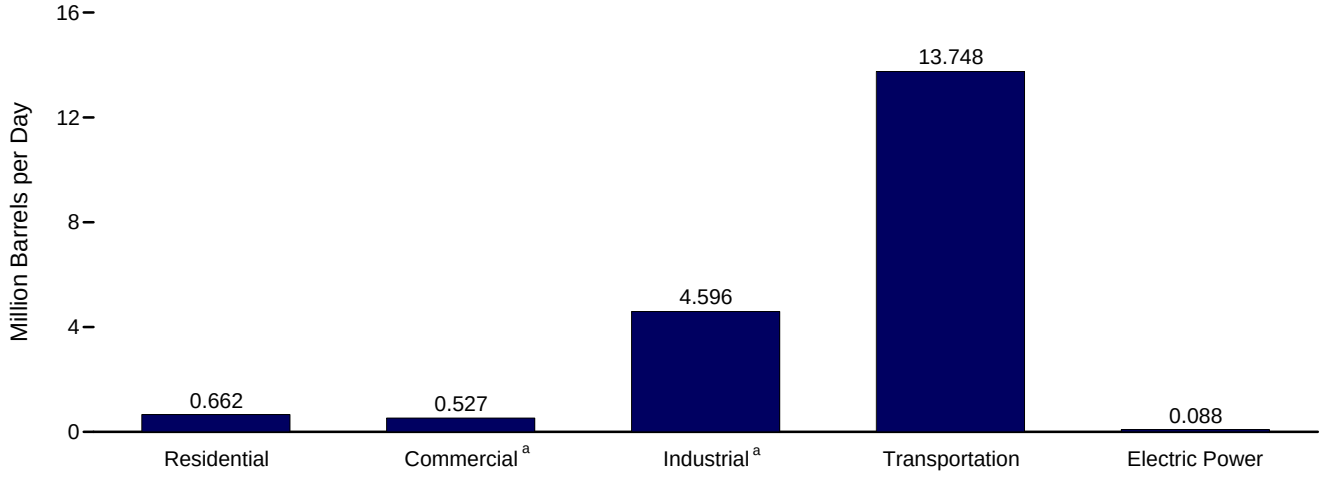
Sources: See end of section.

Figure 3.7 Petroleum Consumption by Sector

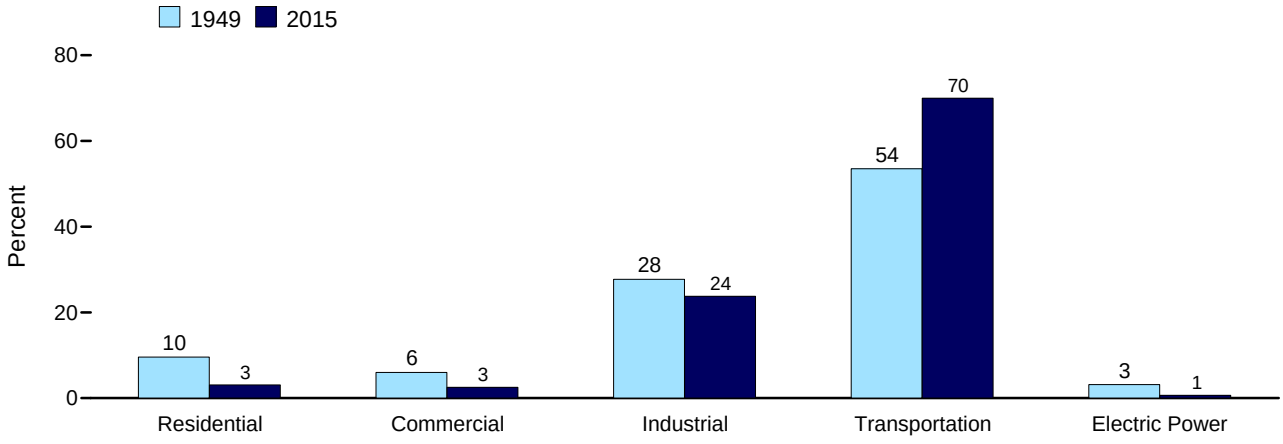
By Sector, 1949–2015



By Sector, October 2016



Sector Shares 1949 and 2015



[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	Kero-sene	Liquefied Petroleum Gases	Total	Distillate Fuel Oil	Kero-sene	Liquefied Petroleum Gases	Motor Gasoline[b,c]	Petro-leum Coke	Residual Fuel Oil	Total
1950 Average	**390**	**168**	**104**	**662**	**123**	**23**	**28**	**52**	**NA**	**185**	**411**
1955 Average	**562**	**179**	**144**	**885**	**177**	**24**	**38**	**69**	**NA**	**209**	**519**
1960 Average	**736**	**171**	**217**	**1,123**	**232**	**23**	**58**	**35**	**NA**	**243**	**590**
1965 Average	**805**	**161**	**275**	**1,242**	**251**	**26**	**74**	**40**	**NA**	**281**	**672**
1970 Average	**883**	**144**	**392**	**1,419**	**276**	**30**	**102**	**45**	**NA**	**311**	**764**
1975 Average	**850**	**78**	**365**	**1,293**	**276**	**24**	**92**	**46**	**NA**	**214**	**653**
1980 Average	**617**	**51**	**222**	**890**	**243**	**20**	**63**	**56**	**NA**	**245**	**626**
1985 Average	**514**	**77**	**224**	**815**	**297**	**16**	**68**	**50**	**NA**	**99**	**530**
1990 Average	**460**	**31**	**252**	**742**	**252**	**6**	**73**	**58**	**0**	**100**	**489**
1995 Average	**426**	**36**	**282**	**743**	**225**	**11**	**78**	**10**	**(s)**	**62**	**385**
2000 Average	**424**	**46**	**395**	**865**	**230**	**14**	**107**	**23**	**(s)**	**40**	**415**
2001 Average	**427**	**46**	**375**	**849**	**239**	**15**	**102**	**20**	**(s)**	**30**	**406**
2002 Average	**404**	**29**	**384**	**817**	**209**	**8**	**101**	**24**	**(s)**	**35**	**376**
2003 Average	**438**	**34**	**389**	**861**	**233**	**9**	**112**	**32**	**(s)**	**48**	**434**
2004 Average	**433**	**41**	**364**	**839**	**221**	**10**	**108**	**23**	**(s)**	**53**	**416**
2005 Average	**402**	**40**	**366**	**809**	**210**	**10**	**94**	**24**	**(s)**	**50**	**389**
2006 Average	**335**	**32**	**318**	**685**	**189**	**7**	**88**	**26**	**(s)**	**33**	**343**
2007 Average	**342**	**21**	**345**	**708**	**181**	**4**	**87**	**32**	**(s)**	**33**	**337**
2008 Average	**354**	**10**	**394**	**758**	**181**	**2**	**113**	**24**	**(s)**	**31**	**351**
2009 Average	**276**	**13**	**391**	**680**	**187**	**2**	**99**	**28**	**(s)**	**31**	**348**
2010 Average	**266**	**14**	**379**	**659**	**185**	**2**	**100**	**28**	**(s)**	**27**	**343**
2011 Average	**248**	**9**	**347**	**604**	**186**	**2**	**100**	**24**	**(s)**	**23**	**335**
2012 Average	**228**	**4**	**286**	**518**	**168**	**1**	**98**	**21**	**(s)**	**14**	**301**
2013 Average	**233**	**4**	**336**	**573**	**163**	**(s)**	**110**	**22**	**(s)**	**11**	**306**
2014 January	330	14	404	748	221	2	133	R 27	(s)	5	R 387
February	406	4	358	768	272	1	118	R 28	(s)	6	R 424
March	328	2	331	661	219	(s)	109	R 28	(s)	4	R 361
April	164	1	303	469	110	(s)	99	R 29	(s)	2	R 241
May	215	1	268	484	144	(s)	88	R 29	(s)	3	R 264
June	191	1	289	481	128	(s)	95	R 30	0	3	R 255
July	155	9	295	459	104	1	97	R 30	(s)	2	R 234
August	162	1	323	486	108	(s)	106	R 30	(s)	2	R 247
September	234	14	322	569	156	2	106	R 29	(s)	3	R 296
October	244	12	332	588	164	2	109	R 30	(s)	3	R 308
November	297	5	368	670	199	1	121	R 29	(s)	4	R 354
December	319	16	367	703	213	2	120	R 29	(s)	4	R 370
Average	**253**	**7**	**330**	**589**	**169**	**1**	**108**	R **29**	**(s)**	**3**	R **311**
2015 January	R 424	2	388	R 814	R 277	(s)	127	c,R 195	(s)	R 3	R 603
February	R 405	7	389	R 801	R 265	1	127	R 200	(s)	R 3	R 596
March	R 290	R 9	333	R 632	R 190	1	109	R 205	(s)	R 2	R 507
April	R 181	R 1	311	R 493	R 118	(s)	102	R 208	(s)	R 1	R 429
May	R 175	R 16	308	R 499	R 114	2	101	R 209	(s)	R 1	R 428
June	R 106	(s)	320	R 427	R 69	(s)	105	R 213	0	1	R 388
July	R 118	1	328	R 447	R 77	(s)	108	R 214	0	R 1	R 400
August	R 147	1	315	R 463	R 96	(s)	103	R 214	(s)	R 1	R 415
September	R 144	(s)	302	R 447	R 94	(s)	99	R 210	(s)	R 1	R 405
October	R 353	2	332	R 687	R 230	(s)	109	R 209	(s)	R 2	R 551
November	R 391	1	352	R 744	R 256	(s)	115	R 206	(s)	R 3	R 580
December	R 412	R 19	379	R 809	R 269	3	124	R 207	(s)	R 3	R 605
Average	R **262**	**5**	**338**	R **604**	R **171**	**1**	**111**	R **208**	**(s)**	R **2**	R **492**
2016 January	R 477	NM	399	R 874	R 311	(s)	131	R 196	(s)	R 3	R 642
February	R 498	1	375	R 874	R 325	(s)	123	R 208	(s)	R 3	R 660
March	R 329	9	337	R 675	R 215	1	110	R 213	(s)	R 2	R 542
April	R 299	4	311	R 614	R 195	1	102	R 208	(s)	R 2	R 508
May	R 262	3	307	R 573	R 171	(s)	101	R 213	0	R 2	R 488
June	R 186	6	295	R 487	R 121	1	97	R 219	(s)	R 1	R 439
July	R 191	7	317	R 514	R 124	1	104	R 217	(s)	R 1	R 448
August	R 149	1	310	R 459	R 97	(s)	102	R 217	0	R 1	R 417
September	R 233	8	336	R 578	R 152	1	110	R 215	0	R 2	R 480
October	319	11	332	662	208	1	109	206	0	2	527
10-Month Average	**293**	**5**	**332**	**630**	**192**	**1**	**109**	**211**	**(s)**	**2**	**514**
2015 10-Month Average	**234**	**4**	**332**	**570**	**153**	**1**	**109**	**208**	**(s)**	**2**	**472**
2014 10-Month Average	**242**	**6**	**322**	**570**	**162**	**1**	**106**	**29**	**(s)**	**3**	**301**

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

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

[c] 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.

R=Revised. NA=Not available. NM=Not meaningful. (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	Kerosene	Liquefied Petroleum Gases	Lubricants	Motor Gasoline[b,c]	Petroleum Coke	Residual Fuel Oil	Other[d]	Total
1950 Average	**180**	**328**	**132**	**100**	**43**	**131**	**41**	**617**	**250**	**1,822**
1955 Average	**254**	**466**	**116**	**212**	**47**	**173**	**67**	**686**	**366**	**2,387**
1960 Average	**302**	**476**	**78**	**333**	**48**	**198**	**149**	**689**	**435**	**2,708**
1965 Average	**368**	**541**	**80**	**470**	**62**	**179**	**202**	**689**	**657**	**3,247**
1970 Average	**447**	**577**	**89**	**699**	**70**	**150**	**203**	**708**	**866**	**3,808**
1975 Average	**419**	**630**	**58**	**844**	**68**	**116**	**246**	**658**	**1,001**	**4,038**
1980 Average	**396**	**621**	**87**	**1,172**	**82**	**82**	**234**	**586**	**1,581**	**4,842**
1985 Average	**425**	**526**	**21**	**1,285**	**75**	**114**	**261**	**326**	**1,032**	**4,065**
1990 Average	**483**	**541**	**6**	**1,215**	**84**	**97**	**325**	**179**	**1,373**	**4,304**
1995 Average	**486**	**532**	**7**	**1,527**	**80**	**105**	**328**	**147**	**1,381**	**4,594**
2000 Average	**525**	**563**	**8**	**1,720**	**86**	**79**	**361**	**105**	**1,458**	**4,903**
2001 Average	**519**	**611**	**11**	**1,557**	**79**	**155**	**390**	**89**	**1,481**	**4,892**
2002 Average	**512**	**566**	**7**	**1,668**	**78**	**163**	**383**	**83**	**1,474**	**4,934**
2003 Average	**503**	**551**	**12**	**1,560**	**72**	**171**	**375**	**96**	**1,579**	**4,918**
2004 Average	**537**	**570**	**14**	**1,646**	**73**	**195**	**423**	**108**	**1,657**	**5,222**
2005 Average	**546**	**594**	**19**	**1,549**	**72**	**187**	**404**	**123**	**1,605**	**5,100**
2006 Average	**521**	**594**	**14**	**1,627**	**71**	**198**	**425**	**104**	**1,640**	**5,193**
2007 Average	**494**	**595**	**6**	**1,637**	**73**	**161**	**412**	**84**	**1,593**	**5,056**
2008 Average	**417**	**637**	**2**	**1,419**	**67**	**131**	**394**	**84**	**1,408**	**4,559**
2009 Average	**360**	**509**	**2**	**1,541**	**61**	**128**	**363**	**57**	**1,251**	**4,272**
2010 Average	**362**	**547**	**4**	**1,673**	**68**	**140**	**310**	**52**	**1,343**	**4,500**
2011 Average	**355**	**586**	**2**	**1,733**	**64**	**138**	**295**	**59**	**1,272**	**4,503**
2012 Average	**340**	**602**	**1**	**1,841**	**59**	**136**	**319**	**30**	**1,215**	**4,543**
2013 Average	**323**	**601**	**1**	**1,962**	**62**	**142**	**295**	**21**	**1,282**	**4,690**
2014 January	195	913	3	2,357	54	R 105	372	19	1,098	R 5,117
February	208	712	1	2,090	53	R 110	240	17	1,256	R 4,688
March	215	669	(s)	1,932	75	R 111	114	12	1,130	R 4,258
April	278	714	(s)	1,765	68	R 114	278	19	1,224	R 4,461
May	346	586	(s)	1,560	67	R 115	308	16	1,183	R 4,182
June	402	517	(s)	1,684	60	R 115	287	18	1,171	R 4,255
July	466	513	2	1,721	71	R 118	356	17	1,166	R 4,430
August	458	498	(s)	1,881	66	R 119	288	14	1,184	R 4,508
September	447	555	3	1,879	74	R 112	354	19	1,358	R 4,801
October	392	768	2	1,935	65	R 117	328	17	1,234	R 4,858
November	264	575	1	2,147	71	R 114	354	24	1,225	R 4,775
December	247	757	3	2,142	57	R 114	200	18	1,223	R 4,761
Average	**327**	**648**	**1**	**1,924**	**65**	R **114**	**290**	**18**	**1,204**	R **4,591**
2015 January	200	R 714	(s)	2,260	79	c,R 132	342	R 17	1,142	R 4,886
February	215	R 826	1	2,266	63	R 135	146	8	1,255	R 4,915
March	222	R 658	R 1	1,943	78	R 138	334	R 16	1,215	R 4,606
April	303	R 650	(s)	1,815	76	R 140	330	R 11	1,243	R 4,569
May	343	R 466	3	1,797	82	R 141	330	R 14	1,351	R 4,526
June	472	R 543	(s)	1,868	68	R 144	357	R 12	1,324	R 4,787
July	480	R 515	(s)	1,913	80	R 144	335	R 18	1,343	R 4,827
August	510	R 486	(s)	1,840	62	R 144	350	R 17	1,309	R 4,718
September	469	R 662	(s)	1,763	65	R 142	222	R 15	1,179	R 4,517
October	400	R 444	(s)	1,936	75	R 141	281	R 14	1,090	R 4,381
November	287	R 328	(s)	2,054	54	R 139	264	R 17	1,203	R 4,344
December	212	R 396	R 3	2,209	67	R 139	239	R 18	1,317	R 4,602
Average	**343**	R **555**	**1**	**1,971**	**71**	R **140**	**295**	R **15**	**1,248**	R **4,639**
2016 January	200	R 455	(s)	2,327	69	R 132	296	R 20	1,195	R 4,694
February	219	R 499	(s)	2,187	72	R 140	306	R 11	1,333	R 4,769
March	262	R 548	2	1,963	74	R 143	304	R 23	1,108	R 4,427
April	304	R 422	1	1,811	66	R 140	229	R 28	1,189	R 4,190
May	392	R 367	1	1,791	69	R 144	214	R 19	1,083	R 4,080
June	479	R 433	1	1,722	76	R 147	185	R 23	1,156	R 4,221
July	475	R 261	1	1,846	58	R 146	251	R 25	1,145	R 4,209
August	527	R 470	(s)	1,805	62	R 146	363	R 19	1,255	R 4,648
September	438	R 488	R 1	1,961	65	R 145	227	R 16	1,236	R 4,577
October	415	485	2	1,939	67	139	271	20	1,259	4,596
10-Month Average	**372**	**442**	**1**	**1,935**	**68**	**142**	**265**	**20**	**1,195**	**4,440**
2015 10-Month Average	**362**	**594**	**1**	**1,938**	**73**	**140**	**304**	**14**	**1,245**	**4,671**
2014 10-Month Average	**342**	**644**	**1**	**1,879**	**65**	**114**	**293**	**17**	**1,199**	**4,555**

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

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

[c] 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.

[d] Pentanes plus, 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. (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[b]	Jet Fuel[c]	Liquefied Petroleum Gases	Lubricants	Motor Gasoline[d,e]	Residual Fuel Oil	Total	Distillate Fuel Oil[f]	Petroleum Coke	Residual Fuel Oil[g]	Total
1950 Average	**108**	**226**	**(c)**	**2**	**64**	**2,433**	**524**	**3,356**	**15**	**NA**	**192**	**207**
1955 Average	**192**	**372**	**154**	**9**	**70**	**3,221**	**440**	**4,458**	**15**	**NA**	**191**	**206**
1960 Average	**161**	**418**	**371**	**13**	**68**	**3,736**	**367**	**5,135**	**10**	**NA**	**231**	**241**
1965 Average	**120**	**514**	**602**	**23**	**67**	**4,374**	**336**	**6,036**	**14**	**NA**	**302**	**316**
1970 Average	**55**	**738**	**967**	**32**	**66**	**5,589**	**332**	**7,778**	**66**	**9**	**853**	**928**
1975 Average	**39**	**998**	**992**	**31**	**70**	**6,512**	**310**	**8,951**	**107**	**1**	**1,280**	**1,388**
1980 Average	**35**	**1,311**	**1,062**	**13**	**77**	**6,441**	**608**	**9,546**	**79**	**2**	**1,069**	**1,151**
1985 Average	**27**	**1,491**	**1,218**	**21**	**71**	**6,667**	**342**	**9,838**	**40**	**3**	**435**	**478**
1990 Average	**24**	**1,722**	**1,522**	**16**	**80**	**7,080**	**443**	**10,888**	**45**	**14**	**507**	**566**
1995 Average	**21**	**1,973**	**1,514**	**13**	**76**	**7,674**	**397**	**11,668**	**51**	**37**	**247**	**334**
2000 Average	**20**	**2,422**	**1,725**	**8**	**81**	**8,370**	**386**	**13,012**	**82**	**45**	**378**	**505**
2001 Average	**19**	**2,489**	**1,655**	**10**	**74**	**8,435**	**255**	**12,938**	**80**	**47**	**437**	**564**
2002 Average	**18**	**2,536**	**1,614**	**10**	**73**	**8,662**	**295**	**13,208**	**60**	**80**	**287**	**427**
2003 Average	**16**	**2,629**	**1,578**	**13**	**68**	**8,733**	**249**	**13,286**	**76**	**79**	**379**	**534**
2004 Average	**17**	**2,783**	**1,630**	**14**	**69**	**8,887**	**321**	**13,720**	**52**	**101**	**382**	**535**
2005 Average	**19**	**2,858**	**1,679**	**20**	**68**	**8,948**	**365**	**13,957**	**54**	**111**	**382**	**547**
2006 Average	**18**	**3,017**	**1,633**	**20**	**67**	**9,029**	**395**	**14,178**	**35**	**97**	**157**	**289**
2007 Average	**17**	**3,037**	**1,622**	**16**	**69**	**9,093**	**433**	**14,287**	**42**	**78**	**173**	**293**
2008 Average	**15**	**2,738**	**1,539**	**29**	**64**	**8,834**	**402**	**13,621**	**34**	**70**	**104**	**209**
2009 Average	**14**	**2,626**	**1,393**	**20**	**57**	**8,841**	**344**	**13,297**	**33**	**63**	**79**	**175**
2010 Average	**15**	**2,764**	**1,432**	**21**	**64**	**8,824**	**389**	**13,508**	**38**	**65**	**67**	**170**
2011 Average	**15**	**2,849**	**1,425**	**24**	**61**	**8,591**	**338**	**13,303**	**30**	**66**	**41**	**137**
2012 Average	**14**	**2,719**	**1,398**	**26**	**56**	**8,525**	**291**	**13,029**	**25**	**41**	**33**	**99**
2013 Average	**12**	**2,804**	**1,434**	**32**	**59**	**8,679**	**253**	**13,274**	**26**	**59**	**34**	**119**
2014 January	10	2,716	1,364	41	51	R 8,141	162	R 12,486	159	66	138	364
February	7	2,723	1,380	37	50	R 8,508	160	R 12,865	48	60	55	164
March	12	2,803	1,433	34	70	R 8,557	107	R 13,016	47	64	57	168
April	12	2,979	1,455	31	64	R 8,812	229	R 13,582	22	46	28	96
May	13	2,980	1,400	27	63	R 8,878	182	R 13,544	27	60	24	110
June	11	3,042	1,544	29	57	R 8,895	207	R 13,785	23	64	27	114
July	17	3,074	1,559	30	67	R 9,101	203	R 14,051	21	58	31	110
August	14	3,084	1,522	33	62	R 9,162	169	R 14,046	23	58	33	113
September	12	2,965	1,482	33	70	R 8,680	228	R 13,470	23	59	28	110
October	11	3,069	1,479	34	61	R 9,001	200	R 13,856	21	34	26	81
November	11	2,819	1,476	38	67	R 8,778	285	R 13,473	27	45	26	98
December	12	2,862	1,537	38	54	R 8,798	206	R 13,507	27	65	24	116
Average	**12**	**2,928**	**1,470**	**34**	**61**	**R 8,778**	**195**	**R 13,477**	**39**	**57**	**41**	**137**
2015 January	8	R 2,729	1,375	40	74	e,R 8,312	R 218	R 12,756	41	61	57	159
February	8	R 2,931	1,445	40	60	R 8,494	R 35	R 13,013	132	71	149	352
March	9	R 2,913	1,548	34	74	R 8,714	R 217	R 13,509	27	43	28	97
April	14	R 3,058	1,527	32	72	R 8,842	R 133	R 13,677	21	47	27	95
May	13	R 2,996	1,519	31	77	R 8,912	R 194	R 13,743	26	53	25	105
June	12	R 3,153	1,654	33	64	R 9,061	R 158	R 14,135	26	50	29	105
July	18	R 3,168	1,650	33	76	R 9,112	R 269	R 14,326	23	65	38	126
August	11	R 3,165	1,601	32	59	R 9,102	R 247	R 14,217	22	61	33	116
September	11	R 3,142	1,534	31	62	R 8,937	R 221	R 13,938	21	61	30	112
October	14	R 2,967	1,614	34	70	R 8,895	R 193	R 13,787	20	47	27	94
November	9	R 2,740	1,524	36	51	R 8,767	R 250	R 13,376	26	42	30	99
December	9	R 2,731	1,578	39	63	R 8,801	R 270	R 13,491	24	43	26	93
Average	**11**	**R 2,974**	**1,548**	**35**	**67**	**R 8,831**	**R 202**	**R 13,668**	**33**	**54**	**41**	**128**
2016 January	7	R 2,536	1,449	41	65	R 8,342	R 282	R 12,722	38	53	34	124
February	11	R 2,608	1,525	38	68	R 8,858	R 146	R 13,255	28	55	39	123
March	10	R 2,828	1,536	34	70	R 9,043	R 352	R 13,874	21	58	21	100
April	14	R 2,887	1,560	32	62	R 8,864	R 428	R 13,847	20	63	22	105
May	11	R 2,919	1,562	31	65	R 9,079	R 289	R 13,956	25	57	24	106
June	12	R 3,068	1,714	30	72	R 9,298	R 346	R 14,540	23	61	28	112
July	12	R 2,977	1,715	32	55	R 9,234	R 385	R 14,410	26	63	43	131
August	14	R 3,149	1,710	32	59	R 9,232	R 281	R 14,476	25	66	41	132
September	11	R 3,011	1,624	34	62	R 9,133	R 244	R 14,118	20	62	29	111
October	10	2,993	1,605	34	64	8,751	293	13,748	19	39	30	88
10-Month Average	**11**	**2,899**	**1,600**	**34**	**64**	**8,983**	**305**	**13,896**	**24**	**58**	**31**	**113**
2015 10-Month Average	**12**	**3,022**	**1,548**	**34**	**69**	**8,840**	**190**	**13,715**	**35**	**56**	**44**	**134**
2014 10-Month Average	**12**	**2,945**	**1,462**	**33**	**62**	**8,776**	**185**	**13,475**	**41**	**57**	**45**	**143**

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

[c] 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.)

[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.

[f] 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.

[g] 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.

R=Revised. NA=Not available.

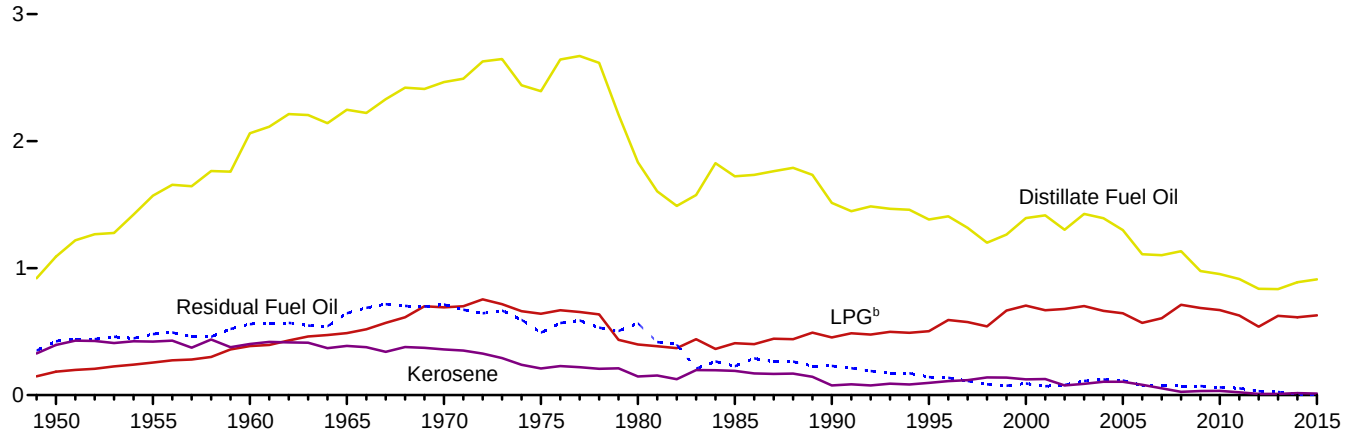
Notes: • Transportation sector data are estimates. • For total petroleum consumption by all sectors, see petroleum products supplied data in Table 3.5. Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. 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.

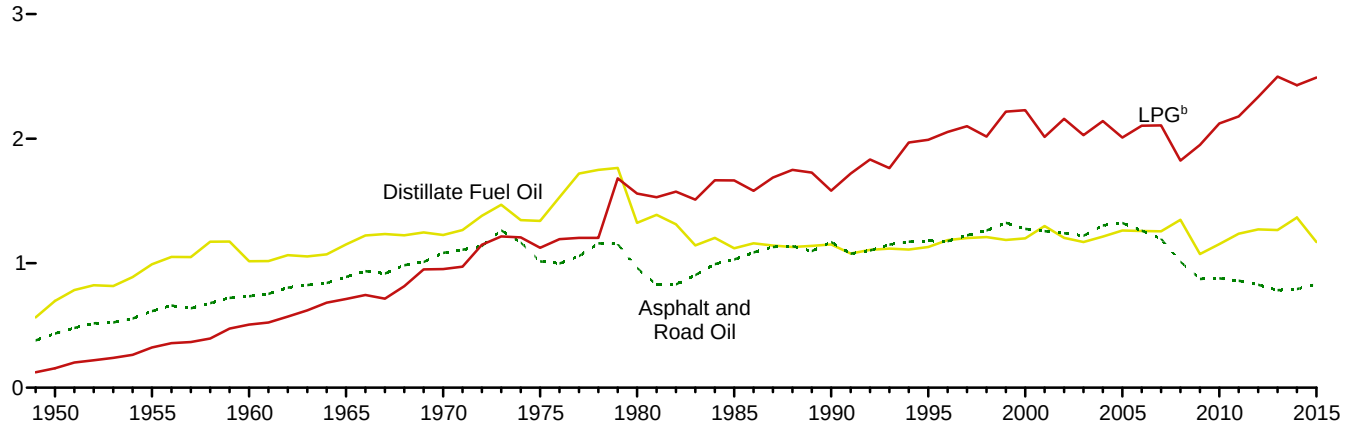
Sources: See end of section.

Figure 3.8a Heat Content of Petroleum Consumption by End-Use Sector, 1949–2015
(Quadrillion Btu)

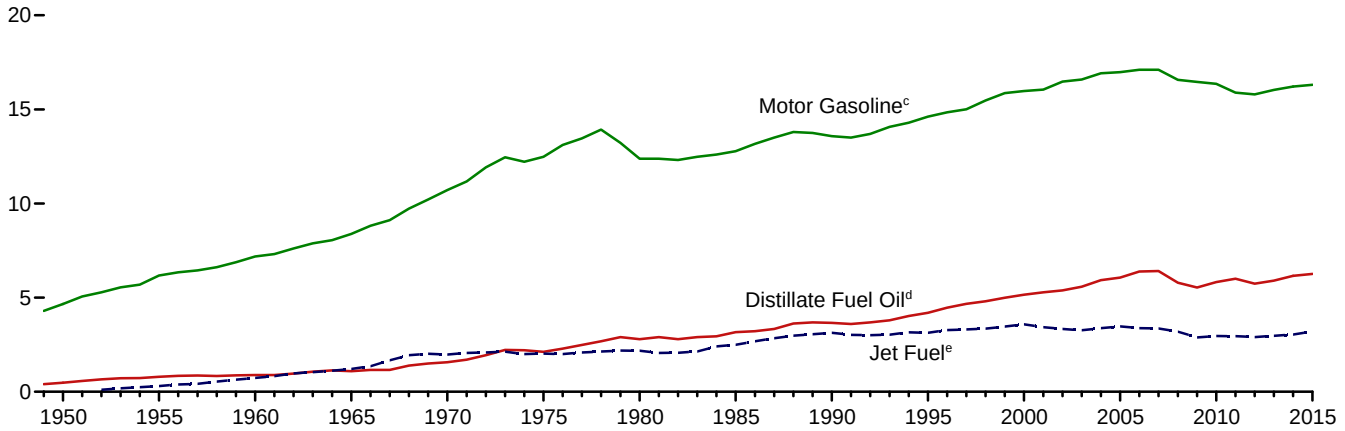
Residential and Commercial[a] Sectors, Selected Products



Industrial[a] Sector, Selected Products



Transportation Sector, Selected Products

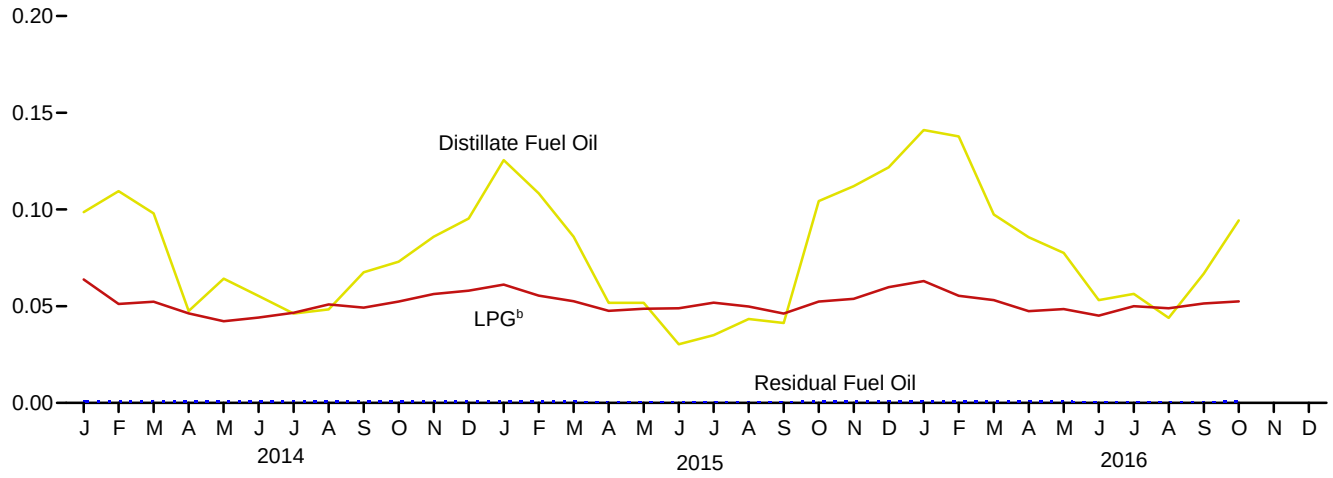


[a] Includes combined-heat-and-power plants and a small number of electricity-only plants.
[b] Liquefied petroleum gases.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[d] Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel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

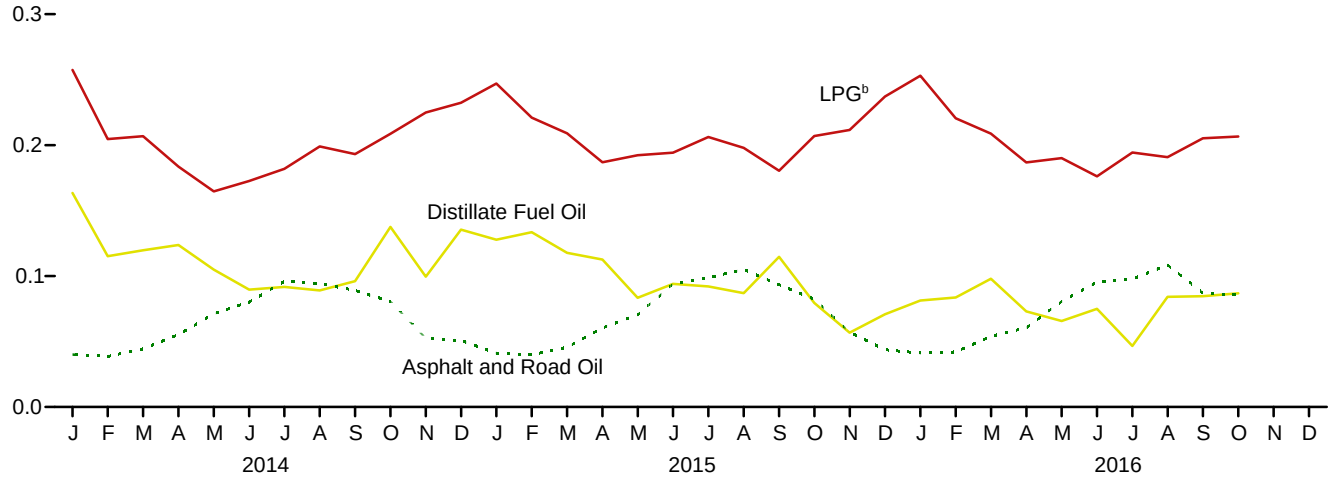
Note: Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. Other measurements of consumption by fuel type or sector may differ. For example, jet fuel product supplied may not equal jet fuel consumed by U.S.-flagged 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)

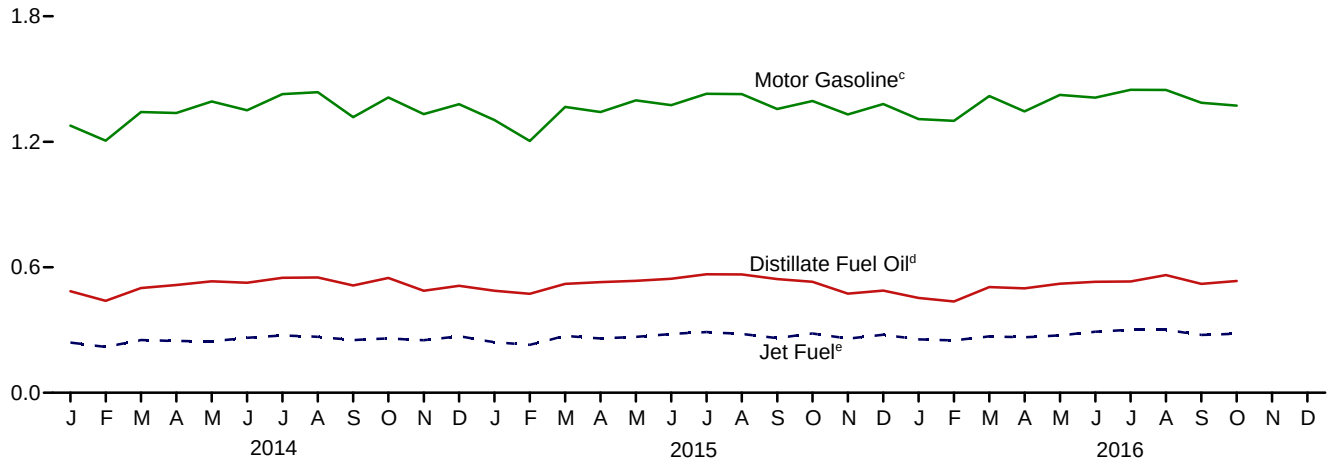
Residential and Commercial[a] Sectors, Selected Products



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] Liquefied petroleum gases.
[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	Kerosene	Liquefied Petroleum Gases	Total	Distillate Fuel Oil	Kerosene	Liquefied Petroleum Gases	Motor Gasoline[b,c]	Petroleum Coke	Residual Fuel Oil	Total
1950 Total	**829**	**347**	**146**	**1,322**	**262**	**47**	**39**	**100**	**NA**	**424**	**872**
1955 Total	**1,194**	**371**	**202**	**1,767**	**377**	**51**	**54**	**133**	**NA**	**480**	**1,095**
1960 Total	**1,568**	**354**	**305**	**2,227**	**494**	**48**	**81**	**67**	**NA**	**559**	**1,248**
1965 Total	**1,713**	**334**	**385**	**2,432**	**534**	**54**	**103**	**77**	**NA**	**645**	**1,413**
1970 Total	**1,878**	**298**	**549**	**2,725**	**587**	**61**	**143**	**86**	**NA**	**714**	**1,592**
1975 Total	**1,807**	**161**	**512**	**2,479**	**587**	**49**	**129**	**89**	**NA**	**492**	**1,346**
1980 Total	**1,316**	**107**	**311**	**1,734**	**518**	**41**	**88**	**107**	**NA**	**565**	**1,318**
1985 Total	**1,092**	**159**	**314**	**1,565**	**631**	**33**	**95**	**96**	**NA**	**228**	**1,083**
1990 Total	**978**	**64**	**352**	**1,394**	**536**	**12**	**102**	**111**	**0**	**230**	**991**
1995 Total	**904**	**74**	**395**	**1,373**	**478**	**22**	**109**	**18**	**(s)**	**141**	**769**
2000 Total	**904**	**95**	**555**	**1,553**	**490**	**30**	**150**	**45**	**(s)**	**92**	**807**
2001 Total	**907**	**95**	**526**	**1,528**	**508**	**31**	**143**	**37**	**(s)**	**70**	**789**
2002 Total	**859**	**60**	**537**	**1,456**	**444**	**16**	**141**	**45**	**(s)**	**80**	**726**
2003 Total	**931**	**70**	**544**	**1,546**	**496**	**19**	**157**	**60**	**(s)**	**111**	**842**
2004 Total	**923**	**85**	**512**	**1,519**	**470**	**20**	**152**	**45**	**(s)**	**122**	**810**
2005 Total	**853**	**84**	**513**	**1,450**	**447**	**22**	**131**	**46**	**(s)**	**116**	**762**
2006 Total	**709**	**66**	**446**	**1,221**	**400**	**15**	**123**	**48**	**(s)**	**75**	**662**
2007 Total	**721**	**44**	**484**	**1,249**	**381**	**9**	**121**	**60**	**(s)**	**75**	**648**
2008 Total	**750**	**21**	**553**	**1,324**	**384**	**4**	**158**	**45**	**(s)**	**71**	**663**
2009 Total	**582**	**28**	**547**	**1,157**	**395**	**4**	**139**	**52**	**(s)**	**71**	**662**
2010 Total	**562**	**29**	**530**	**1,121**	**391**	**5**	**140**	**52**	**(s)**	**62**	**650**
2011 Total	**523**	**19**	**486**	**1,027**	**391**	**3**	**141**	**44**	**(s)**	**54**	**633**
2012 Total	**482**	**8**	**402**	**892**	**355**	**1**	**138**	**39**	**(s)**	**31**	**564**
2013 Total	**491**	**8**	**470**	**970**	**344**	**1**	**154**	**40**	**(s)**	**24**	**563**
2014 January	59	2	48	110	40	(s)	16	R 4	(s)	1	61
February	66	1	39	105	44	(s)	13	4	(s)	1	62
March	59	(s)	39	98	39	(s)	13	R 4	(s)	1	58
April	28	(s)	35	64	19	(s)	11	R 4	(s)	(s)	R 35
May	38	(s)	32	71	26	(s)	10	5	(s)	1	R 41
June	33	(s)	33	67	22	(s)	11	R 4	0	(s)	R 38
July	28	2	35	64	19	(s)	12	5	(s)	(s)	R 35
August	29	(s)	38	68	19	(s)	13	5	(s)	(s)	R 37
September	40	2	37	80	27	(s)	12	R 4	(s)	1	45
October	44	2	39	85	29	(s)	13	5	(s)	1	48
November	51	1	42	95	34	(s)	14	R 4	(s)	1	54
December	57	3	44	104	38	(s)	14	5	(s)	1	R 58
Total	**533**	**14**	**462**	**1,009**	**357**	**2**	**151**	R **54**	**1**	**8**	R **572**
2015 January	R 76	(s)	46	R 122	R 50	(s)	15	c,R 31	(s)	1	R 96
February	R 66	1	42	R 108	R 43	(s)	14	R 28	(s)	R (s)	R 85
March	R 52	R 2	40	R 93	R 34	(s)	13	R 32	(s)	R (s)	R 80
April	R 31	(s)	36	R 67	20	(s)	12	R 32	(s)	(s)	R 64
May	R 31	3	37	R 71	20	(s)	12	R 33	(s)	(s)	R 66
June	R 18	(s)	37	R 55	R 12	(s)	12	R 32	0	(s)	R 57
July	R 21	(s)	39	R 60	R 14	(s)	13	R 34	0	(s)	R 60
August	R 26	(s)	38	R 64	R 17	(s)	12	R 34	(s)	(s)	R 63
September	R 25	(s)	35	R 60	16	(s)	11	R 32	(s)	(s)	R 60
October	R 63	(s)	39	R 103	R 41	(s)	13	R 33	(s)	R (s)	R 88
November	R 68	(s)	41	R 108	R 44	(s)	13	R 31	(s)	R (s)	R 89
December	R 74	3	45	R 122	R 48	(s)	15	R 32	(s)	1	R 96
Total	R **551**	**10**	**473**	R **1,035**	R **360**	**1**	**155**	R **383**	**1**	R **4**	R **904**
2016 January	R 85	(s)	47	R 132	R 56	(s)	16	R 31	(s)	1	R 103
February	R 83	(s)	42	R 125	R 54	(s)	14	R 31	(s)	1	R 99
March	R 59	2	40	R 101	R 38	(s)	13	R 33	(s)	R (s)	R 86
April	R 52	1	36	R 88	R 34	(s)	12	R 32	(s)	R (s)	R 78
May	R 47	1	37	R 84	R 31	(s)	12	R 33	0	R (s)	R 77
June	R 32	1	34	R 67	R 21	(s)	11	R 33	(s)	(s)	R 66
July	R 34	1	38	R 73	R 22	(s)	12	R 34	(s)	(s)	R 69
August	R 27	(s)	37	R 64	17	(s)	12	R 34	0	(s)	R 64
September	R 40	1	39	R 80	R 26	(s)	13	R 33	0	(s)	R 72
October	57	2	40	99	37	(s)	13	32	0	(s)	83
10-Month Total	**517**	**8**	**388**	**913**	**337**	**1**	**127**	**326**	**(s)**	**4**	**796**
2015 10-Month Total	**410**	**7**	**388**	**804**	**268**	**1**	**127**	**320**	**(s)**	**3**	**719**
2014 10-Month Total	**424**	**10**	**376**	**810**	**284**	**1**	**123**	**45**	**(s)**	**6**	**460**

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

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

[c] 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.

R=Revised. 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	Kerosene	Liquefied Petroleum Gases	Lubricants	Motor Gasoline[b,c]	Petroleum Coke	Residual Fuel Oil	Other[d]	Total
1950 Total	**435**	**698**	**274**	**156**	**94**	**251**	**90**	**1,416**	**546**	**3,960**
1955 Total	**615**	**991**	**241**	**323**	**103**	**332**	**147**	**1,573**	**798**	**5,123**
1960 Total	**734**	**1,016**	**161**	**507**	**107**	**381**	**328**	**1,584**	**947**	**5,766**
1965 Total	**890**	**1,150**	**165**	**712**	**137**	**342**	**444**	**1,582**	**1,390**	**6,813**
1970 Total	**1,082**	**1,226**	**185**	**953**	**155**	**288**	**446**	**1,624**	**1,817**	**7,776**
1975 Total	**1,014**	**1,339**	**119**	**1,123**	**149**	**223**	**540**	**1,509**	**2,109**	**8,127**
1980 Total	**962**	**1,324**	**181**	**1,559**	**182**	**158**	**516**	**1,349**	**3,278**	**9,509**
1985 Total	**1,029**	**1,119**	**44**	**1,664**	**166**	**218**	**575**	**748**	**2,152**	**7,714**
1990 Total	**1,170**	**1,150**	**12**	**1,582**	**186**	**185**	**714**	**411**	**2,839**	**8,251**
1995 Total	**1,178**	**1,130**	**15**	**1,990**	**178**	**200**	**721**	**337**	**2,837**	**8,587**
2000 Total	**1,276**	**1,199**	**16**	**2,228**	**190**	**150**	**796**	**241**	**2,979**	**9,075**
2001 Total	**1,257**	**1,299**	**23**	**2,014**	**174**	**295**	**858**	**203**	**3,056**	**9,179**
2002 Total	**1,240**	**1,203**	**14**	**2,160**	**172**	**309**	**842**	**190**	**3,040**	**9,170**
2003 Total	**1,220**	**1,169**	**24**	**2,028**	**159**	**324**	**825**	**220**	**3,264**	**9,233**
2004 Total	**1,304**	**1,213**	**28**	**2,141**	**161**	**371**	**937**	**249**	**3,428**	**9,832**
2005 Total	**1,323**	**1,262**	**39**	**2,009**	**160**	**355**	**894**	**281**	**3,318**	**9,641**
2006 Total	**1,261**	**1,258**	**30**	**2,104**	**156**	**374**	**938**	**239**	**3,416**	**9,777**
2007 Total	**1,197**	**1,256**	**13**	**2,106**	**161**	**302**	**910**	**193**	**3,313**	**9,452**
2008 Total	**1,012**	**1,348**	**4**	**1,823**	**150**	**246**	**870**	**194**	**2,941**	**8,588**
2009 Total	**873**	**1,073**	**4**	**1,950**	**135**	**238**	**805**	**130**	**2,611**	**7,819**
2010 Total	**878**	**1,153**	**7**	**2,121**	**149**	**260**	**694**	**120**	**2,800**	**8,183**
2011 Total	**859**	**1,236**	**4**	**2,179**	**142**	**255**	**663**	**135**	**2,676**	**8,148**
2012 Total	**827**	**1,271**	**2**	**2,335**	**130**	**252**	**717**	**70**	**2,558**	**8,163**
2013 Total	**783**	**1,266**	**1**	**2,498**	**138**	**263**	**663**	**48**	**2,677**	**8,339**
2014 January	40	163	(s)	257	10	17	71	4	195	758
February	39	115	(s)	205	9	16	42	3	201	R 628
March	44	120	(s)	207	14	R 17	22	2	202	R 628
April	55	124	(s)	184	12	R 17	51	4	212	660
May	71	105	(s)	165	13	18	59	3	212	645
June	80	90	(s)	173	11	R 17	53	3	201	R 628
July	96	92	(s)	182	13	R 18	68	3	209	682
August	94	89	(s)	199	12	19	55	3	211	R 682
September	89	96	(s)	193	13	17	65	4	233	R 711
October	81	137	(s)	209	12	R 18	62	3	218	742
November	53	100	(s)	225	13	R 17	65	5	211	688
December	51	135	1	232	11	18	39	4	215	705
Total	**793**	**1,366**	**3**	**2,430**	**144**	R **210**	**653**	**41**	**2,518**	R **8,157**
2015 January	41	R 128	(s)	247	15	c,R 21	65	R 3	202	R 722
February	40	R 134	(s)	221	11	R 19	26	1	200	R 652
March	46	R 118	(s)	209	15	R 22	63	R 3	213	R 689
April	60	R 113	(s)	187	14	R 21	61	2	212	R 670
May	70	R 83	R (s)	192	15	R 22	63	3	241	R 690
June	94	R 94	(s)	194	12	R 22	66	R 2	227	R 712
July	99	R 92	(s)	206	15	R 23	64	4	239	R 741
August	105	R 87	(s)	198	12	R 23	67	R 3	229	R 724
September	93	R 115	(s)	180	12	R 21	41	3	202	R 668
October	82	R 80	(s)	207	14	R 22	54	3	190	R 651
November	57	R 57	(s)	212	10	R 21	49	R 3	207	R 615
December	44	R 71	1	237	13	R 22	46	4	233	R 669
Total	**832**	R **1,170**	**2**	**2,491**	**157**	R **258**	**663**	R **34**	**2,595**	R **8,201**
2016 January	41	R 81	(s)	253	13	R 21	56	R 4	218	R 688
February	42	R 84	(s)	221	13	R 21	55	2	230	R 666
March	54	R 98	(s)	209	14	R 22	58	R 4	203	R 663
April	61	R 73	(s)	187	12	R 21	43	R 5	211	R 613
May	81	R 66	(s)	190	13	R 23	41	4	199	R 616
June	95	R 75	(s)	176	14	R 22	34	R 4	206	R 627
July	98	R 47	(s)	194	11	R 23	48	R 5	209	R 635
August	109	R 84	(s)	191	12	R 23	69	4	230	R 721
September	87	R 85	(s)	205	12	R 22	42	R 3	218	R 674
October	85	87	(s)	207	13	22	52	4	227	696
10-Month Total	**753**	**779**	**1**	**2,032**	**126**	**220**	**498**	**39**	**2,152**	**6,600**
2015 10-Month Total	**731**	**1,042**	**1**	**2,042**	**135**	**215**	**569**	**27**	**2,155**	**6,918**
2014 10-Month Total	**689**	**1,131**	**2**	**1,972**	**120**	**175**	**550**	**33**	**2,093**	**6,765**

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

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

[c] 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.

[d] Pentanes plus, 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. (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[b]	Jet Fuel[c]	Liquefied Petroleum Gases	Lubricants	Motor Gasoline[d,e]	Residual Fuel Oil	Total	Distillate Fuel Oil[f]	Petroleum Coke	Residual Fuel Oil[g]	Total
1950 Total	**199**	**480**	**(c)**	**3**	**141**	**4,664**	**1,201**	**6,690**	**32**	**NA**	**440**	**472**
1955 Total	**354**	**791**	**301**	**13**	**155**	**6,175**	**1,009**	**8,799**	**32**	**NA**	**439**	**471**
1960 Total	**298**	**892**	**739**	**19**	**152**	**7,183**	**844**	**10,125**	**22**	**NA**	**530**	**553**
1965 Total	**222**	**1,093**	**1,215**	**32**	**149**	**8,386**	**770**	**11,866**	**29**	**NA**	**693**	**722**
1970 Total	**100**	**1,569**	**1,973**	**44**	**147**	**10,716**	**761**	**15,310**	**141**	**19**	**1,958**	**2,117**
1975 Total	**71**	**2,121**	**2,029**	**43**	**155**	**12,485**	**711**	**17,615**	**226**	**2**	**2,937**	**3,166**
1980 Total	**64**	**2,795**	**2,179**	**18**	**172**	**12,383**	**1,398**	**19,009**	**169**	**5**	**2,459**	**2,634**
1985 Total	**50**	**3,170**	**2,497**	**30**	**156**	**12,784**	**786**	**19,472**	**85**	**7**	**998**	**1,090**
1990 Total	**45**	**3,661**	**3,129**	**23**	**176**	**13,575**	**1,016**	**21,626**	**97**	**30**	**1,163**	**1,289**
1995 Total	**40**	**4,191**	**3,132**	**18**	**168**	**14,616**	**911**	**23,075**	**108**	**81**	**566**	**755**
2000 Total	**36**	**5,159**	**3,580**	**12**	**179**	**15,973**	**888**	**25,827**	**175**	**99**	**871**	**1,144**
2001 Total	**35**	**5,286**	**3,426**	**14**	**164**	**16,053**	**586**	**25,564**	**170**	**103**	**1,003**	**1,276**
2002 Total	**34**	**5,387**	**3,340**	**14**	**162**	**16,474**	**677**	**26,089**	**127**	**175**	**659**	**961**
2003 Total	**30**	**5,584**	**3,265**	**18**	**150**	**16,585**	**571**	**26,203**	**161**	**175**	**869**	**1,205**
2004 Total	**31**	**5,925**	**3,383**	**19**	**152**	**16,917**	**740**	**27,166**	**111**	**211**	**879**	**1,201**
2005 Total	**35**	**6,068**	**3,475**	**28**	**151**	**16,977**	**837**	**27,573**	**114**	**231**	**876**	**1,222**
2006 Total	**33**	**6,390**	**3,379**	**27**	**147**	**17,108**	**906**	**27,991**	**73**	**203**	**361**	**637**
2007 Total	**32**	**6,411**	**3,358**	**22**	**152**	**17,109**	**994**	**28,077**	**89**	**163**	**397**	**648**
2008 Total	**28**	**5,792**	**3,193**	**40**	**141**	**16,574**	**926**	**26,695**	**73**	**146**	**240**	**459**
2009 Total	**27**	**5,541**	**2,883**	**28**	**127**	**16,460**	**791**	**25,857**	**70**	**132**	**181**	**382**
2010 Total	**27**	**5,828**	**2,963**	**29**	**141**	**16,356**	**892**	**26,236**	**80**	**137**	**154**	**370**
2011 Total	**27**	**6,003**	**2,950**	**34**	**134**	**15,892**	**776**	**25,817**	**64**	**138**	**93**	**295**
2012 Total	**25**	**5,741**	**2,901**	**37**	**123**	**15,798**	**671**	**25,297**	**52**	**85**	**77**	**214**
2013 Total	**22**	**5,902**	**2,969**	**44**	**130**	**16,036**	**581**	**25,685**	**55**	**123**	**77**	**255**
2014 January	2	485	240	5	10	R 1,277	32	R 2,050	29	12	27	67
February	1	440	219	4	9	1,205	28	R 1,906	8	10	10	27
March	2	501	252	4	13	R 1,342	21	R 2,135	8	11	11	31
April	2	515	248	4	12	R 1,338	43	R 2,161	4	8	5	17
May	2	533	246	3	12	R 1,393	36	R 2,224	5	11	5	20
June	2	526	263	3	10	R 1,350	39	2,193	4	11	5	20
July	3	550	274	4	13	R 1,428	39	2,309	4	10	6	20
August	2	551	268	4	12	R 1,437	33	R 2,307	4	10	6	21
September	2	513	252	4	13	R 1,318	43	R 2,144	4	10	5	19
October	2	549	260	4	12	R 1,412	39	R 2,277	4	6	5	15
November	2	488	251	4	12	R 1,333	54	R 2,143	5	8	5	17
December	2	512	270	4	10	R 1,380	40	R 2,219	5	12	5	21
Total	**22**	**6,162**	**3,042**	**47**	**136**	**R 16,212**	**447**	**R 26,067**	**82**	**118**	**95**	**295**
2015 January	1	R 488	242	5	14	e,R 1,304	R 42	R 2,096	7	11	11	29
February	1	R 473	229	4	10	R 1,203	6	R 1,928	21	11	26	59
March	1	R 521	272	4	14	R 1,367	R 42	R 2,221	5	8	5	18
April	2	R 529	260	4	13	R 1,342	25	R 2,175	4	8	5	17
May	2	R 535	267	4	15	R 1,398	R 38	R 2,259	5	9	5	19
June	2	R 545	281	4	12	R 1,375	R 30	R 2,249	4	9	6	19
July	3	R 566	290	4	14	R 1,429	52	R 2,359	4	11	7	23
August	2	R 566	281	4	11	R 1,428	R 48	R 2,340	4	11	6	21
September	2	R 543	261	4	11	R 1,357	R 42	R 2,219	4	10	6	20
October	2	R 530	284	4	13	R 1,395	R 38	R 2,266	4	8	5	17
November	1	R 474	259	4	9	R 1,331	R 47	R 2,126	5	7	6	18
December	1	R 488	277	5	12	R 1,381	R 53	R 2,217	4	8	5	17
Total	**21**	**R 6,259**	**3,204**	**48**	**148**	**R 16,310**	**R 463**	**R 26,454**	**70**	**112**	**94**	**276**
2016 January	1	R 453	255	5	12	R 1,309	R 55	R 2,090	7	9	7	23
February	2	R 436	251	4	12	R 1,300	R 27	R 2,031	5	9	7	21
March	2	R 506	270	4	13	R 1,419	R 69	R 2,281	4	10	4	18
April	2	R 499	265	4	11	R 1,346	R 81	R 2,208	3	11	4	18
May	2	R 522	275	4	12	R 1,424	R 56	R 2,294	4	10	5	19
June	2	R 531	292	3	13	R 1,411	R 65	R 2,317	4	11	5	20
July	2	R 532	301	4	10	R 1,448	R 75	R 2,373	5	11	8	24
August	2	R 563	300	4	11	R 1,448	R 55	R 2,383	4	12	8	24
September	2	R 521	276	4	11	R 1,386	R 46	R 2,246	4	11	5	20
October	2	535	282	4	12	1,373	57	2,264	3	7	6	16
10-Month Total	**17**	**5,097**	**2,767**	**40**	**119**	**13,863**	**585**	**22,488**	**43**	**101**	**59**	**203**
2015 10-Month Total	**18**	**5,297**	**2,668**	**40**	**127**	**13,598**	**364**	**22,112**	**61**	**97**	**83**	**241**
2014 10-Month Total	**18**	**5,162**	**2,521**	**38**	**114**	**13,499**	**353**	**21,706**	**73**	**99**	**86**	**257**

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

[c] 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.)

[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.

[f] 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.

[g] 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.

R=Revised. 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. For each of these except crude oil, product supplied is calculated by adding refinery production, natural gas plant liquids production, new supply of other liquids, imports, and stock withdrawals, and subtracting stock additions, refinery inputs, and 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.

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.

Liquefied Petroleum Gases (LPG) Total

Prior to the current two months, product supplied data in thousand barrels per day for the component products of LPG (ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/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 LPG product supplied is the sum of the data in trillion Btu for the LPG component products.

For the current two months, product supplied data in thousand barrels per day for total LPG are from Table 3.5, and are converted to trillion Btu by multiplying by the LPG heat content factors in Table A3.

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 pentanes plus, 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 LPG, 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.

Propane

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

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.
1981–2015: EIA, *Petroleum Supply Annual*, annual reports, and unpublished revisions.
2016: EIA, *Petroleum Supply Monthly*, 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.

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.

Liquefied Petroleum Gases (LPG)

The annual shares of LPG's 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 LPG 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, 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 LPG sold each year for consumption in internal combustion engines is allocated between the transportation and industrial sectors on the basis of data for special fuels used on highways published by the U.S. Department of Transportation, Federal Highway Administration, in *Highway Statistics*.

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 sales data for creating annual energy 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 forward: American Petroleum Institute (API), "Sales of Natural Gas Liquids and Liquefied Refinery Gases," which is based on an LPG sales survey jointly sponsored by API, the Gas Processors Association, and the National Liquefied Petroleum Gas Association. EIA adjusts the data to remove quantities of pentanes plus and to estimate withheld values.

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:

Commercial sales are the sum of sales for public non-highway use and miscellaneous and unclassified uses.

Industrial sales are the sum of sales for agriculture, construction, and industrial and commercial use as classified in the *Highway Statistics.*

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.

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 pentanes plus, 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.

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.

Liquefied Petroleum Gases (LPG)
Residential and commercial sector consumption data in thousand barrels per day for LPG are from Table 3.7a, and are converted to trillion Btu by multiplying by the propane/propylene 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.

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.

Liquefied Petroleum Gases (LPG)
Industrial sector consumption data for LPG are calculated by subtracting LPG consumption data in trillion Btu for the residential (Table 3.8a), commercial (Table 3.8a), and transportation (Table 3.8c) sectors from total LPG consumption (Table 3.6).

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.

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.)

Liquefied Petroleum Gases (LPG)
Transportation sector consumption data in thousand barrels per day for LPG are from Table 3.7c, and are converted to trillion Btu by multiplying by the propane/propylene heat content factor in Table A1.

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.

THIS PAGE INTENTIONALLY LEFT BLANK