

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

	Transportation Sector								Electric Power Sector ^a				
	Avia-tion Gaso-line	Distil-late Fuel Oil ^c	HGL ^b		Motor Gaso-line ^{e,g}	Resid-ual Fuel Oil	Other ^h	Total	Distil-late Fuel Oil ⁱ	Petro-leum Coke	Resid-ual Fuel Oil ^j	Total	
			Pro-pane ^d	Jet Fuel ^e									Lubri-cants
1950 Total	199	480	3	(e)	141	4,664	1,201	NA	6,690	32	NA	440	472
1955 Total	354	791	13	301	155	6,175	1,009	NA	8,799	32	NA	439	471
1960 Total	298	892	19	739	152	7,183	844	NA	10,125	22	NA	530	553
1965 Total	222	1,093	32	1,215	149	8,386	770	NA	11,866	29	NA	693	722
1970 Total	100	1,569	44	1,973	147	10,716	761	NA	15,311	141	19	1,958	2,117
1975 Total	71	2,121	43	2,029	155	12,485	711	NA	17,615	226	2	2,937	3,166
1980 Total	64	2,795	18	2,179	172	12,383	1,398	NA	19,009	169	5	2,459	2,634
1985 Total	50	3,170	30	2,497	156	12,784	786	NA	19,472	85	7	998	1,090
1990 Total	45	3,661	23	3,129	176	13,575	1,016	NA	21,626	97	30	1,163	1,289
1995 Total	40	4,191	18	3,132	168	14,576	911	NA	23,036	108	81	566	755
2000 Total	36	5,159	12	3,580	179	15,933	888	NA	25,787	175	99	871	1,144
2005 Total	35	6,068	28	3,475	151	16,958	837	NA	27,553	114	231	876	1,222
2006 Total	33	6,390	28	3,379	147	17,088	906	NA	27,972	73	203	361	637
2007 Total	32	6,411	22	3,358	152	17,066	994	NA	28,034	89	163	397	648
2008 Total	28	5,792	40	3,193	141	16,510	926	NA	26,630	73	146	240	459
2009 Total	27	5,537	28	2,883	127	16,425	791	(h)	25,817	70	132	181	382
2010 Total	27	5,826	25	2,963	155	16,320	892	(h)	26,187	80	137	154	370
2011 Total	27	5,997	5	2,950	148	15,877	776	(h)	25,780	64	138	93	295
2012 Total	25	5,736	5	2,901	135	15,795	671	(h)	25,268	52	85	77	214
2013 Total	22	5,894	6	2,969	143	16,030	581	(h)	25,645	55	123	77	255
2014 Total	22	6,154	8	3,042	149	16,209	447	(h)	26,030	82	118	95	295
2015 Total	21	6,251	10	3,204	163	16,308	463	(h)	26,420	70	112	94	276
2016 Total	20	6,197	12	3,350	154	16,601	623	(h)	26,958	55	118	71	244
2017 Total	21	6,248	12	3,481	142	16,576	665	(h)	27,146	55	97	66	218
2018 Total	22	6,550	13	3,533	137	16,573	604	(h)	27,432	81	101	78	260
2019 Total	23	6,567	12	3,608	131	16,531	529	(h)	27,402	54	76	59	189
2020 Total	20	6,179	9	2,234	116	14,243	391	(h)	23,191	44	87	53	184
2021 January	2	478	1	199	11	1,162	39	14	1,906	4	8	5	18
February	1	438	1	173	10	1,063	36	18	1,739	11	8	5	24
March	1	519	1	202	9	1,286	47	22	2,087	4	7	4	15
April	2	527	1	220	10	1,287	20	22	2,088	4	5	4	13
May	1	547	1	227	10	1,366	44	24	2,220	4	6	4	15
June	3	546	1	243	11	1,363	57	21	2,242	5	6	4	15
July	2	556	1	264	11	1,398	59	21	2,311	4	8	5	17
August	2	580	1	275	9	1,381	56	24	2,329	5	9	7	21
September	2	540	1	253	9	1,300	55	18	2,177	4	7	5	17
October	2	547	1	258	10	1,358	60	28	2,262	4	7	5	16
November	2	523	1	256	10	1,313	68	26	2,199	5	9	4	18
December	2	508	1	267	9	1,335	74	26	2,222	5	7	4	17
Total	22	6,309	10	2,835	119	15,611	615	263	25,783	60	88	57	205
2022 January	1	487	1	249	12	R 1,206	41	21	R 2,018	15	7	15	37
February	2	459	1	225	10	R 1,169	48	21	R 1,936	6	7	5	19
March	2	528	1	267	13	R 1,347	62	26	R 2,247	5	6	5	16
April	1	526	1	263	11	R 1,274	41	27	R 2,144	4	6	4	14
May	1	549	1	280	11	R 1,364	54	26	R 2,287	5	7	4	16
June	3	556	1	287	9	R 1,314	52	33	R 2,253	5	8	4	17
July	1	563	1	282	4	R 1,318	51	28	R 2,248	5	6	6	17
August	3	581	1	291	13	R 1,364	64	31	R 2,347	5	7	5	17
September	2	548	1	261	9	R 1,281	77	28	R 2,206	4	8	5	17
October	2	564	1	274	13	R 1,318	45	33	R 2,248	4	7	6	17
November	2	519	1	270	10	R 1,278	58	31	R 2,169	4	7	5	16
December	2	497	1	280	10	R 1,286	38	31	R 2,145	21	8	11	41
Total	22	6,377	10	3,228	125	R 15,519	630	336	R 26,248	83	85	76	244
2023 January	1	475	1	265	11	R 1,239	45	35	R 2,073	4	5	5	14
February	1	R 440	1	241	10	R 1,178	53	32	R 1,956	4	4	7	16
March	2	R 522	1	282	5	R 1,348	39	40	R 2,240	4	3	5	13
April	1	R 522	1	275	8	R 1,303	26	38	R 2,173	4	3	5	12
May	2	R 554	1	294	9	R 1,362	36	53	R 2,311	4	3	5	R 13
June	2	R 552	1	295	9	R 1,343	41	49	R 2,293	4	4	5	13
July	2	R 561	1	311	9	R 1,349	42	43	R 2,318	4	7	6	17
August	2	594	1	301	7	R 1,391	R 54	49	R 2,400	4	7	5	17
September	1	R 538	1	288	8	R 1,279	33	50	R 2,197	3	6	R 6	16
October	3	558	1	297	9	R 1,361	43	47	R 2,318	4	4	6	13
November	1	516	1	275	5	R 1,281	58	41	R 2,177	4	3	5	12
December	1	494	1	294	4	1,323	53	53	2,223	5	4	5	13
Total	21	6,325	10	3,418	94	15,755	524	532	26,679	49	53	66	168

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

^b Hydrocarbon gas liquids.

^c Beginning in 2009, includes biodiesel and renewable diesel fuel blended into distillate fuel oil. For 2011–2020, also includes biodiesel adjustments (supply of biodiesel not reported as input on surveys) reclassified as distillate fuel oil adjustments.

^d There is a discontinuity in this time series between 2009 and 2010 due to a change in data sources.

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

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

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

^h Biofuels (excluding fuel ethanol) products supplied. Includes supply of non-fuel ethanol biofuels (such as B100 biodiesel and R100 renewable diesel fuel)

not reported as input on surveys. For 2009–2020, data in this category were classified as biofuels (excluding fuel ethanol) adjustments.

ⁱ 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.

^j 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.

Due to the suspension of Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report, sectoral distillate and residual fuel oil consumption after April 2022 are estimates.