

**Table 1.15 Non-Combustion Use of Fossil Fuels, Selected Years, 1980-2011**

Year	Petroleum Products								Natural Gas <sup>4</sup>	Coal	Total	Percent of Total Energy Consumption
	Asphalt and Road Oil	Liquefied Petroleum Gases <sup>1</sup>	Lubricants	Petro-chemical Feedstocks <sup>2</sup>	Petroleum Coke	Special Naphthas	Other <sup>3</sup>	Total				
Physical Units <sup>5</sup>												
1980	145	230	58	253	R14	37	58	R795	639	2.4	--	--
1985	156	R278	53	144	R16	30	41	R719	500	1.1	--	--
1990	176	R373	60	199	20	20	39	R887	R567	.6	--	--
1991	162	R426	53	203	17	17	44	R922	573	.6	--	--
1992	166	R448	54	214	R28	20	35	R966	R606	1.2	--	--
1993	174	R436	55	216	R18	20	35	R955	R640	.9	--	--
1994	176	R483	58	224	R21	15	35	R1,013	673	.9	--	--
1995	178	R479	57	215	R20	13	33	R996	R695	.9	--	--
1996	177	R502	55	217	R20	14	33	R1,019	R718	.9	--	--
1997	184	R501	58	250	R15	14	34	R1,056	R740	.9	--	--
1998	190	R485	61	252	25	20	39	R1,073	762	.8	--	--
1999	200	R566	62	238	36	28	37	R1,166	R736	.8	--	--
2000	192	R545	61	243	16	19	38	R1,114	R710	.8	--	--
2001	189	R492	56	214	29	15	39	R1,034	R683	.7	--	--
2002	187	R526	55	229	24	20	38	R1,078	657	.7	--	--
2003	184	R511	51	247	20	15	36	R1,064	R592	.7	--	--
2004	196	R536	52	287	36	10	34	R1,151	R528	.7	--	--
2005	199	R498	51	266	31	12	34	R1,092	R463	.7	--	--
2006	R190	R521	42	265	35	13	41	R1,108	R398	.6	--	--
2007	180	R526	52	242	33	15	40	R1,089	R398	.6	--	--
2008	152	R484	48	210	37	16	41	R989	R398	.6	--	--
2009	R132	R532	43	185	R30	9	41	R972	R398	.4	--	--
2010	132	R581	48	R196	R10	5	43	R1,015	R398	.6	--	--
2011 <sup>P</sup>	130	575	46	187	11	4	44	996	398	.6	--	--
Quadrillion Btu												
1980	0.96	0.78	0.35	1.43	R0.09	0.19	0.34	R4.14	0.65	0.08	R4.87	R6.2
1985	1.03	R.96	.32	.82	R.10	.16	.24	3.63	.52	.03	4.18	5.5
1990	1.17	R1.33	.36	1.12	.12	.11	.23	R4.44	R.58	.02	R5.05	R6.0
1991	1.08	R1.52	.32	1.15	.11	.09	.26	R4.52	.59	.02	R5.13	R6.1
1992	1.10	R1.61	.33	1.20	.17	.10	.21	R4.73	R.63	.04	R5.40	R6.3
1993	1.15	R1.55	.34	1.22	R.11	.10	.20	R4.68	R.66	.03	R5.37	R6.1
1994	1.17	R1.75	.35	1.26	R.13	.08	.20	4.95	R.69	.03	5.67	6.4
1995	1.18	R1.72	.35	1.21	R.12	.07	.20	R4.85	R.71	.03	R5.59	R6.1
1996	1.18	R1.80	.34	1.21	R.12	.07	.20	R4.91	R.74	.03	R5.68	R6.0
1997	1.22	R1.80	.35	1.40	R.09	.07	.20	R5.13	R.76	.03	R5.92	6.3
1998	1.26	1.73	.37	1.40	.15	.11	.23	R5.26	.79	.03	R6.07	R6.4
1999	1.32	R2.04	.37	1.33	.22	.15	.22	R5.64	R.76	.03	R6.43	R6.6
2000	1.28	R1.96	.37	1.35	.10	.10	.22	R5.37	R.73	.03	R6.12	R6.2
2001	1.26	R1.76	.34	1.19	.17	.08	.23	R5.03	R.70	.02	R5.75	R6.0
2002	1.24	R1.87	.33	1.27	.15	.10	.22	R5.19	.68	.02	R5.88	R6.0
2003	1.22	R1.83	.31	1.37	.12	.08	.21	R5.15	R.61	.02	R5.78	R5.9
2004	1.30	R1.92	.31	1.59	.22	.05	.20	R5.59	R.54	.02	R6.16	6.1
2005	1.32	R1.78	.31	1.47	.19	.06	.20	R5.34	R.48	.02	R5.83	5.8
2006	1.26	R1.85	.25	1.48	.21	.07	.24	R5.37	R.41	.02	R5.80	5.8
2007	1.20	R1.86	.31	1.35	.20	.08	.24	R5.23	R.41	.02	R5.66	R5.6
2008	1.01	R1.70	.29	1.17	.23	.08	.24	R4.73	R.41	.02	R5.16	R5.2
2009	.87	R1.85	.26	1.03	.18	.05	.24	R4.48	R.41	.01	4.91	5.2
2010	.88	R2.02	.29	1.09	R.06	.03	.25	R4.62	R.41	.02	R5.05	R5.2
2011 <sup>P</sup>	.86	1.98	.28	1.04	.06	.02	.26	4.50	.41	.02	4.93	5.1

<sup>1</sup> Liquefied petroleum gases and pentanes plus are aggregated to avoid disclosure of proprietary information.

<sup>2</sup> Includes still gas not burned as refinery fuel.

<sup>3</sup> Distillate fuel oil, residual fuel oil, waxes, and miscellaneous products.

<sup>4</sup> U.S. Energy Information Administration (EIA) has altered the methodology for the natural gas estimates. The estimates are linearly interpolated between Manufacturing Energy Consumption Survey (MECS) years and held constant until data are available for the most recent MECS year.

<sup>5</sup> Petroleum—million barrels; natural gas—billion cubic feet; and coal—million short tons.

R=Revised. P=Preliminary. --=Not applicable.

Notes: • Estimates of consumption for non-combustion use shown in this table are included in total energy consumption (see Table 1.3). • See Note 2, "Non-Combustion Use of Fossil Fuels," at end of section. • Because of changes in methodology, data series may be revised annually. • Estimates of

non-combustion use in this table are considered industrial uses with the exception of approximately half of the lubricants which are considered transportation use. • Totals may not equal sum of components due to independent rounding.

Web Pages: • See <http://www.eia.gov/totalenergy/data/annual/#summary> for all data beginning in 1980.

• For related information, see <http://www.eia.gov/environment/>.

Sources: **Petroleum Products:** • 1980—EIA, Energy Data Reports, *Petroleum Statement, Annual and Sales of Liquefied Petroleum Gases and Ethane in 1980*. • 1981 forward—EIA, *Petroleum Supply Annual*, annual reports, and unpublished data. **Natural Gas:** • 1980—Bureau of the Census, 1980 Survey of Manufactures, *Hydrocarbon, Coal, and Coke Materials Consumed*. • 1981 forward—U.S. Department of Commerce. **Coal:** • 1980 forward—EIA estimates based on the methodology underlying the nonfuel emissions calculations in EIA's *Emissions of Greenhouse Gases in the United States 2008*. **Percent of Total Energy Consumption:** Derived by dividing total by total consumption on Table 1.3.