

**Table 8.6c Estimated Consumption of Combustible Fuels for Useful Thermal Output at Combined-Heat-and-Power Plants: Commercial and Industrial Sectors, 1989-2003** (Subset of Table 8.6a)

Year	Fossil Fuels							Renewable Energy		Other <sup>10</sup>	
	Coal <sup>1</sup>	Petroleum				Natural Gas <sup>6</sup>	Other Gases <sup>7</sup>	Wood <sup>8</sup>	Waste <sup>9</sup>		
		Distillate Fuel Oil <sup>2</sup>	Residual Fuel Oil <sup>3</sup>	Other Liquids <sup>4</sup>	Petroleum Coke <sup>5</sup>						Total <sup>5</sup>
Thousand Short Tons	Thousand Barrels			Thousand Short Tons	Thousand Barrels	Million Cubic Feet	Trillion Btu	Trillion Btu	Trillion Btu		
Commercial Sector <sup>11</sup>											
1989	711	202	601	0	0	803	12,049	(s)	(s)	13	0
1990	773	389	715	(s)	0	1,104	18,913	(s)	(s)	13	0
1991	826	356	405	(s)	0	761	25,295	(s)	(s)	11	(s)
1992	804	259	538	(s)	2	807	29,672	(s)	1	16	(s)
1993	968	272	548	2	4	843	27,738	(s)	(s)	17	(s)
1994	940	534	379	0	4	931	31,457	(s)	(s)	17	0
1995	850	319	261	(s)	3	596	34,964	0	(s)	19	(s)
1996	1,005	260	328	(s)	3	601	40,075	0	1	22	(s)
1997	1,108	470	309	0	3	794	47,941	(s)	1	24	0
1998	1,002	418	573	0	3	1,006	46,527	(s)	1	22	0
1999	1,009	254	412	0	3	682	44,991	0	1	21	0
2000	1,034	403	366	2	4	792	47,844	0	1	21	0
2001	<sup>R</sup> 916	<sup>R</sup> 505	304	0	0	<sup>R</sup> 809	<sup>R</sup> 42,407	0	1	17	0
2002	<sup>R</sup> 929	<sup>R</sup> 248	<sup>R</sup> 108	<sup>R</sup> 28	<sup>R</sup> 6	<sup>R</sup> 416	<sup>R</sup> 41,430	0	<sup>R</sup> 1	<sup>R</sup> 14	0
2003 <sup>P</sup>	991	234	277	1	7	546	35,484	0	1	16	0
Industrial Sector <sup>12</sup>											
1989	15,160	1,088	14,320	352	247	16,997	469,588	113	659	19	48
1990	17,041	1,488	16,120	893	918	23,093	538,506	171	790	25	50
1991	16,412	2,567	13,893	834	777	21,177	538,800	180	758	23	55
1992	16,864	1,945	14,891	925	856	22,041	<sup>R</sup> 565,279	194	801	24	50
1993	16,988	1,887	<sup>R</sup> 16,311	<sup>R</sup> 829	987	<sup>R</sup> 23,960	<sup>R</sup> 577,103	174	<sup>R</sup> 815	29	49
1994	17,428	1,906	<sup>R</sup> 17,419	505	1,075	<sup>R</sup> 25,207	<sup>R</sup> 608,496	173	884	27	52
1995	17,192	1,277	15,272	584	1,010	22,182	<sup>R</sup> 656,665	175	882	25	55
1996	17,281	1,624	17,069	670	1,097	24,848	678,608	182	855	26	53
1997	17,542	1,772	14,328	267	1,835	25,541	<sup>R</sup> 659,021	178	892	27	67
1998	16,824	4,391	15,313	662	1,230	26,518	730,108	202	862	29	58
1999	16,330	4,228	13,148	808	1,307	24,718	762,210	219	849	23	60
2000	16,325	2,200	12,459	1,402	800	20,062	745,165	223	875	25	63
2001	<sup>R</sup> 15,119	<sup>R</sup> 1,850	<sup>R</sup> 11,167	<sup>R</sup> 560	<sup>R</sup> 542	<sup>R</sup> 16,287	<sup>R</sup> 656,071	160	685	25	53
2002	<sup>R</sup> 14,377	<sup>R</sup> 1,149	<sup>R</sup> 9,097	<sup>R</sup> 1,312	<sup>R</sup> 399	<sup>R</sup> 13,555	<sup>R</sup> 554,970	<sup>R</sup> 139	<sup>R</sup> 672	<sup>R</sup> 23	<sup>R</sup> 43
2003 <sup>P</sup>	15,131	1,857	9,269	1,755	635	16,058	481,981	137	707	25	24

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Fuel oil nos. 1, 2, and 4.

<sup>3</sup> Fuel oil nos. 5 and 6.

<sup>4</sup> Jet fuel, kerosene, other petroleum liquids, and waste oil.

<sup>5</sup> Petroleum coke is converted from short tons to barrels by multiplying by 5.

<sup>6</sup> Natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately.

<sup>7</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>8</sup> Wood, black liquor, and other wood waste.

<sup>9</sup> Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

<sup>10</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

<sup>11</sup> Commercial combined-heat-and-power (CHP) plants.

<sup>12</sup> Industrial combined-heat-and-power (CHP) plants.

R=Revised. P=Preliminary. (s)=Less than 0.5.

Notes: • Estimates are for fuels consumed to produce useful thermal output; they exclude fuels consumed to produce electricity. • See Table 8.6b for electric power sector CHP data. • See Note 1, "Coverage of Electricity Statistics," and Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of section. • See "Useful Thermal Output" in Glossary. • Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.doe.gov/fuelelectric.html>.

Sources: • 1989-1997—Energy Information Administration (EIA), Form EIA-867, "Annual Nonutility Power Producer Report." • 1998-2000—EIA, Form EIA-860B, "Annual Electric Generator Report—Nonutility." • 2001 and 2002—EIA, Form EIA-860, "Annual Electric Generator Report" and Form EIA-906, "Power Plant Report." • 2003—EIA, Form EIA-906, "Power Plant Report."