

**Table 2.1b Residential Sector Energy Consumption Estimates, Selected Years, 1949-2010**  
(Trillion Btu)

Year	Primary Consumption <sup>1</sup>								Total Primary	Electricity Retail Sales <sup>8</sup>	Electrical System Energy Losses <sup>9</sup>	Total
	Fossil Fuels				Renewable Energy <sup>2</sup>							
	Coal	Natural Gas <sup>3</sup>	Petroleum <sup>4</sup>	Total	Geothermal <sup>5</sup>	Solar/PV <sup>6</sup>	Biomass <sup>7</sup>	Total				
1949	1,272	1,027	R1,106	R3,405	NA	NA	1,055	1,055	R4,460	228	911	R5,599
1950	1,261	1,240	R1,322	R3,824	NA	NA	1,006	1,006	R4,829	246	913	R5,989
1955	867	2,198	R1,767	R4,833	NA	NA	775	775	R5,608	438	1,232	R7,278
1960	585	3,212	R2,227	R6,024	NA	NA	627	627	R6,651	687	1,701	R9,039
1965	352	4,028	R2,432	R6,811	NA	NA	468	468	R7,279	993	R2,367	R10,639
1970	209	4,987	R2,725	R7,922	NA	NA	401	401	R8,322	1,591	R3,852	R13,766
1975	63	5,023	R2,479	R7,564	NA	NA	425	425	R7,990	2,007	R4,817	R14,813
1976	59	5,147	R2,703	R7,910	NA	NA	482	482	R8,391	2,069	R4,950	R15,410
1977	57	4,913	R2,681	R7,652	NA	NA	542	542	R8,194	2,202	R5,267	R15,662
1978	49	4,981	R2,607	R7,638	NA	NA	622	622	R8,260	2,301	R5,571	R16,132
1979	37	5,055	R2,099	R7,191	NA	NA	728	728	R7,919	2,330	R5,564	15,813
1980	31	4,825	R1,734	R6,589	NA	NA	850	850	R7,439	2,448	R5,866	R15,753
1981	30	4,614	R1,531	R6,175	NA	NA	870	870	R7,045	2,464	R5,752	R15,262
1982	32	4,711	R1,434	R6,177	NA	NA	970	970	R7,147	2,489	R5,895	R15,531
1983	31	4,478	R1,353	R5,862	NA	NA	970	970	R6,832	2,562	R6,031	R15,425
1984	40	4,661	R1,531	R6,231	NA	NA	980	980	R7,211	2,662	R6,087	R15,960
1985	39	4,534	R1,565	R6,138	NA	NA	1,010	1,010	R7,148	2,709	R6,184	R16,041
1986	40	4,405	R1,541	R5,986	NA	NA	920	920	R6,906	2,795	R6,274	R15,975
1987	37	4,420	R1,617	R6,073	NA	NA	850	850	R6,923	2,902	R6,438	R16,263
1988	37	4,735	R1,675	R6,447	NA	NA	910	910	R7,357	3,046	R6,729	R17,133
1989	31	4,899	R1,660	R6,590	5	R52	920	R977	R7,567	3,090	R7,129	R17,786
1990	31	4,491	R1,394	R5,916	6	56	580	641	R6,557	3,153	R7,235	R16,945
1991	25	4,667	R1,381	R6,073	6	R57	610	R673	R6,747	3,260	R7,414	R17,420
1992	26	4,805	R1,414	R6,244	6	R59	640	706	R6,950	3,193	R7,212	R17,356
1993	26	5,063	R1,439	R6,528	7	R61	550	618	R7,146	3,394	R7,677	R18,218
1994	21	4,960	R1,408	R6,389	6	R63	520	R589	R6,978	3,441	R7,693	R18,112
1995	17	4,954	R1,374	R6,345	7	R64	520	591	R6,936	3,557	R8,026	R18,519
1996	17	5,354	R1,484	R6,854	7	65	540	612	R7,466	3,694	R8,344	R19,504
1997	16	5,093	R1,422	R6,531	8	R64	430	R502	R7,033	3,671	R8,261	R18,965
1998	12	4,646	R1,304	R5,962	8	R64	380	452	R6,413	3,856	R8,686	R18,955
1999	14	4,835	R1,465	R6,314	9	R63	390	R461	R6,775	3,906	R8,875	R19,557
2000	11	5,105	R1,554	R6,670	9	R60	420	R489	R7,159	4,069	R9,197	R20,425
2001	12	4,889	R1,529	R6,430	9	R59	370	R438	R6,868	4,100	R9,074	R20,042
2002	12	5,014	R1,457	R6,484	10	R57	380	R448	R6,931	4,317	R9,562	R20,810
2003	12	5,209	R1,519	R6,741	13	R57	400	R470	R7,211	4,353	R9,546	R21,110
2004	11	4,981	R1,520	R6,513	14	R57	410	R481	R6,993	4,408	R9,691	R21,093
2005	8	4,946	R1,451	R6,406	16	R58	430	R504	R6,909	4,638	R10,079	R21,626
2006	6	4,476	R1,224	R5,706	18	R63	390	R472	R6,178	4,611	R9,909	R20,698
2007	8	4,850	R1,254	R6,111	22	R70	430	R522	R6,633	4,750	R10,182	R21,565
2008	8	R5,010	R1,243	R6,261	26	R80	450	R556	R6,817	4,708	R10,071	R21,596
2009	R8	R4,883	R1,176	R6,067	33	R89	430	R552	R6,619	R4,656	R9,789	R21,063
2010 <sup>P</sup>	7	5,061	1,220	6,288	37	97	420	554	6,841	4,950	10,362	22,153

<sup>1</sup> See "Primary Energy Consumption" in Glossary.

<sup>2</sup> Data are estimates. See Table 10.2a for notes on series components.

<sup>3</sup> Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 1, "Supplemental Gaseous Fuels," at end of Section 6.

<sup>4</sup> Based on petroleum product supplied. For petroleum, product supplied is used as an approximation of petroleum consumption. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of Section 5.

<sup>5</sup> Geothermal heat pump and direct use energy.

<sup>6</sup> Solar thermal direct use energy, and photovoltaic (PV) electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6). Includes small amounts of distributed solar thermal and PV energy used in the commercial, industrial, and electric power sectors.

<sup>7</sup> Wood and wood-derived fuels.

<sup>8</sup> Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

<sup>9</sup> Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales. See Note, "Electrical System Energy Losses," at end of section.

R=Revised. P=Preliminary. NA=Not available.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: See <http://www.eia.gov/totalenergy/data/annual/#consumption> for all data beginning in 1949.

Sources: Tables 2.1f, 5.14a, 6.5, 7.3, 8.9, 10.2a, A4, A5, and A6.