

**Table 2.2 Residential Sector Energy Consumption**  
(Trillion Btu)

	Primary Consumption <sup>a</sup>									Electricity Retail Sales <sup>e</sup>	Electrical System Energy Losses <sup>f</sup>	Total
	Fossil Fuels				Renewable Energy <sup>b</sup>				Total Primary			
	Coal	Natural Gas <sup>c</sup>	Petroleum	Total	Geo-thermal	Solar <sup>d</sup>	Bio-mass	Total				
1950 Total .....	1,261	1,240	1,322	3,824	NA	NA	1,006	1,006	4,829	246	913	5,989
1955 Total .....	867	2,198	1,767	4,833	NA	NA	775	775	5,608	438	1,232	7,278
1960 Total .....	585	3,212	2,227	6,024	NA	NA	627	627	6,651	687	1,701	9,039
1965 Total .....	352	4,028	2,432	6,811	NA	NA	468	468	7,279	993	2,367	10,639
1970 Total .....	209	4,987	2,725	7,922	NA	NA	401	401	8,322	1,591	3,852	13,766
1975 Total .....	63	5,023	2,479	7,564	NA	NA	425	425	7,990	2,007	4,817	14,813
1980 Total .....	31	4,825	1,734	6,589	NA	NA	850	850	7,439	2,448	5,866	15,753
1985 Total .....	39	4,534	1,565	6,138	NA	NA	1,010	1,010	7,148	2,709	6,184	16,041
1990 Total .....	31	4,491	1,394	5,916	6	55	580	640	6,556	3,153	7,235	16,944
1995 Total .....	17	4,954	1,373	6,345	7	63	520	589	6,934	3,557	8,026	18,517
2000 Total .....	11	5,105	1,553	6,669	9	58	420	486	7,156	4,069	9,197	20,421
2001 Total .....	12	4,889	1,528	6,429	9	55	370	435	6,864	4,100	9,074	20,038
2002 Total .....	12	4,995	1,456	6,463	10	53	380	443	6,907	4,317	9,562	20,786
2003 Total .....	12	5,209	1,546	6,768	13	52	400	465	7,232	4,353	9,534	21,119
2004 Total .....	11	4,981	1,519	6,511	14	51	410	475	6,987	4,408	9,687	21,081
2005 Total .....	8	4,946	1,450	6,405	16	50	430	496	6,901	4,638	10,074	21,613
2006 Total .....	6	4,476	1,221	5,704	18	53	380	451	6,154	4,611	9,905	20,670
2007 Total .....	8	4,835	1,249	6,092	22	55	420	497	6,589	4,750	10,180	21,519
2008 Total .....	NA	5,010	1,324	6,334	26	58	470	555	6,889	4,711	10,068	21,668
2009 Total .....	NA	4,883	1,157	6,040	33	60	500	593	6,633	4,657	9,788	21,077
2010 Total .....	NA	4,878	R 1,120	R 5,998	37	65	440	542	R 6,539	4,933	10,321	R 21,794
2011 Total .....	NA	4,805	R 1,033	R 5,838	40	71	450	560	R 6,398	4,855	10,524	R 21,307
2012 Total .....	NA	4,242	R 885	R 5,127	40	79	420	538	R 5,666	4,690	9,496	R 19,851
2013 Total .....	NA	5,023	R 963	R 5,986	40	91	580	711	R 6,697	4,759	9,604	R 21,060
2014 Total .....	NA	5,242	R 1,036	R 6,278	40	109	587	735	R 7,014	4,801	9,638	R 21,453
2015 Total .....	NA	4,777	R 1,007	R 5,783	40	127	436	602	R 6,386	4,791	9,362	R 20,539
2016 January .....	NA	910	R 98	1,007	3	8	30	41	1,048	447	886	R 2,381
February .....	NA	714	92	806	3	10	28	40	R 847	396	733	R 1,975
March .....	NA	471	R 77	547	3	13	30	46	593	342	637	1,572
April .....	NA	339	67	406	3	14	29	46	R 453	301	578	R 1,332
May .....	NA	200	66	266	3	16	30	49	315	321	643	1,280
June .....	NA	127	53	R 180	3	17	29	48	228	427	864	R 1,520
July .....	NA	110	R 58	168	3	17	30	50	218	527	1,062	1,807
August .....	NA	104	50	154	3	17	30	50	204	534	1,023	1,761
September .....	NA	113	61	175	3	15	29	47	R 222	441	805	1,468
October .....	NA	194	75	R 269	3	13	30	46	315	346	648	1,309
November .....	NA	393	R 75	467	3	11	29	43	510	318	608	R 1,437
December .....	NA	822	106	R 928	3	10	30	43	R 971	414	844	2,229
Total .....	NA	4,496	R 878	R 5,373	40	160	349	549	R 5,922	4,815	9,326	R 20,063
2017 January .....	NA	861	R 106	967	3	10	28	41	1,008	441	872	R 2,322
February .....	NA	602	80	R 682	3	11	26	39	721	346	649	1,716
March .....	NA	602	R 80	R 682	3	16	28	47	729	353	706	R 1,788
April .....	NA	290	69	359	3	18	27	48	407	310	605	R 1,323
May .....	NA	207	R 59	266	3	19	28	51	317	338	681	1,336
June .....	NA	128	R 64	192	3	20	27	51	R 243	416	830	1,489
July .....	NA	111	R 55	R 166	3	20	28	52	218	509	1,016	R 1,743
August .....	NA	108	R 55	162	3	20	28	52	R 214	485	922	R 1,621
September .....	NA	119	57	176	3	18	27	48	R 225	406	753	1,384
October .....	NA	211	65	276	3	16	28	48	324	351	679	R 1,355
November .....	NA	483	85	R 568	3	12	27	43	611	334	667	1,612
December .....	NA	854	R 107	960	3	12	28	43	R 1,004	415	856	2,275
Total .....	NA	4,576	R 880	R 5,456	40	191	334	565	R 6,021	4,705	9,237	R 19,962
2018 January .....	NA	1,008	132	1,140	3	12	33	48	1,188	508	1,013	2,709
February .....	NA	711	88	799	3	13	30	45	844	387	722	1,953
2-Month Total .....	NA	1,718	220	1,939	6	25	62	94	2,032	895	1,735	4,662
2017 2-Month Total .....	NA	1,463	186	1,649	6	20	54	81	1,730	787	1,522	4,038
2016 2-Month Total .....	NA	1,624	190	1,813	6	18	57	81	1,895	843	1,618	4,356

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

<sup>b</sup> See Table 10.2a for notes on series components.

<sup>c</sup> Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.

<sup>d</sup> Distributed (small-scale) solar photovoltaic (PV) electricity generation in the residential sector and distributed solar thermal energy in the residential, commercial, and industrial sectors. See Tables 10.2a and 10.5.

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

<sup>f</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 1, "Electrical System Energy Losses," at end of section.

R=Revised. NA=Not available.

Notes: • Data are estimates, except for electricity retail sales. • See Note 2, "Energy Consumption Data and Surveys," 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/#consumption> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.