

**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				
<b>1950 Total</b> .....	1,261	1,240	1,322	3,824	NA	NA	1,006	1,006	4,829	246	913	5,989
<b>1955 Total</b> .....	867	2,198	1,767	4,833	NA	NA	775	775	5,608	438	1,232	7,278
<b>1960 Total</b> .....	585	3,212	2,227	6,024	NA	NA	627	627	6,651	687	1,701	9,039
<b>1965 Total</b> .....	352	4,028	2,432	6,811	NA	NA	468	468	7,279	993	2,367	10,639
<b>1970 Total</b> .....	209	4,987	2,725	7,922	NA	NA	401	401	8,322	1,591	3,852	13,766
<b>1975 Total</b> .....	63	5,023	2,479	7,564	NA	NA	425	425	7,990	2,007	4,817	14,813
<b>1980 Total</b> .....	31	4,825	1,734	6,589	NA	NA	850	850	7,439	2,448	5,866	15,753
<b>1985 Total</b> .....	39	4,534	1,565	6,138	NA	NA	1,010	1,010	7,148	2,709	6,184	16,041
<b>1990 Total</b> .....	31	4,491	1,394	5,916	6	55	580	640	6,556	3,153	7,235	16,944
<b>1995 Total</b> .....	17	4,954	1,373	6,345	7	63	520	589	6,934	3,557	8,026	18,517
<b>2000 Total</b> .....	11	5,105	1,553	6,669	9	58	420	486	7,156	4,069	9,197	20,421
<b>2001 Total</b> .....	12	4,889	1,528	6,429	9	55	370	435	6,864	4,100	9,074	20,038
<b>2002 Total</b> .....	12	4,995	1,456	6,463	10	53	380	443	6,907	4,317	9,562	20,786
<b>2003 Total</b> .....	12	5,209	1,546	6,768	13	52	400	465	7,232	4,353	9,534	21,119
<b>2004 Total</b> .....	11	4,981	1,519	6,511	14	51	410	475	6,987	4,408	9,687	21,081
<b>2005 Total</b> .....	8	4,946	1,450	6,405	16	50	430	496	6,901	4,638	10,074	21,613
<b>2006 Total</b> .....	6	4,476	1,221	5,704	18	53	380	451	6,154	4,611	9,905	20,670
<b>2007 Total</b> .....	8	4,835	1,249	6,092	22	55	420	497	6,589	4,750	10,180	21,519
<b>2008 Total</b> .....	NA	5,010	1,324	6,334	26	58	470	555	6,889	4,711	10,068	21,668
<b>2009 Total</b> .....	NA	4,883	1,157	6,040	33	60	500	593	6,633	4,657	9,788	21,077
<b>2010 Total</b> .....	NA	4,878	1,120	5,998	37	65	440	542	6,539	4,933	10,321	21,794
<b>2011 Total</b> .....	NA	4,805	1,033	5,838	40	71	450	560	6,398	4,855	10,054	21,307
<b>2012 Total</b> .....	NA	4,242	885	5,127	40	79	420	538	5,666	4,690	9,496	19,851
<b>2013 Total</b> .....	NA	5,023	963	5,986	40	91	580	711	6,697	4,759	9,604	21,060
<b>2014 Total</b> .....	NA	5,242	1,036	6,278	40	109	587	735	7,014	4,801	9,638	21,453
<b>2015 Total</b> .....	NA	4,777	1,007	5,783	40	127	436	602	6,386	4,791	9,362	20,539
<b>2016 January</b> .....	NA	910	98	1,007	3	8	30	41	1,048	447	886	2,381
February .....	NA	714	92	806	3	10	28	40	847	396	733	1,975
March .....	NA	471	77	547	3	13	30	46	593	342	637	1,572
April .....	NA	339	67	406	3	14	29	46	453	301	578	1,332
May .....	NA	200	66	266	3	16	30	49	315	321	643	1,280
June .....	NA	127	53	180	3	17	29	48	228	427	864	1,520
July .....	NA	110	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	222	441	805	1,468
October .....	NA	194	75	269	3	13	30	46	315	346	648	1,309
November .....	NA	393	75	467	3	11	29	43	510	318	608	1,437
December .....	NA	822	106	928	3	10	30	43	971	414	844	2,229
<b>Total</b> .....	NA	4,496	878	5,373	40	160	349	549	5,922	4,815	9,326	20,063
<b>2017 January</b> .....	NA	861	106	967	3	10	28	41	1,008	441	872	2,322
February .....	NA	602	80	682	3	11	26	39	721	346	649	1,716
March .....	NA	602	80	682	3	16	28	47	729	353	706	1,788
April .....	NA	290	69	359	3	18	27	48	407	310	605	1,323
May .....	NA	207	59	266	3	19	28	51	317	338	681	1,336
June .....	NA	128	64	192	3	20	27	51	243	416	830	1,489
July .....	NA	111	55	166	3	20	28	52	218	509	1,016	1,743
August .....	NA	108	55	162	3	20	28	52	214	485	922	1,621
September .....	NA	119	57	176	3	18	27	48	225	406	753	1,384
October .....	NA	211	65	276	3	16	28	48	324	351	679	1,355
November .....	NA	483	85	568	3	12	27	43	611	334	667	1,612
December .....	NA	854	107	960	3	12	28	43	1,004	415	856	2,275
<b>Total</b> .....	NA	4,576	880	5,456	40	191	334	565	6,021	4,705	9,237	19,962
<b>2018 January</b> .....	NA	1,008	132	1,140	3	12	33	48	1,188	508	1,013	2,709
February .....	NA	711	R 90	R 801	3	13	30	45	R 846	387	722	R 1,955
March .....	NA	573	85	759	3	18	33	54	813	362	710	1,884
<b>3-Month Total</b> .....	NA	2,392	308	2,700	10	43	95	148	2,847	1,257	2,444	6,549
<b>2017 3-Month Total</b> .....	NA	2,065	266	2,331	10	36	82	128	2,459	1,140	2,227	5,826
<b>2016 3-Month Total</b> .....	NA	2,094	267	2,361	10	30	87	127	2,488	1,185	2,256	5,928

a See "Primary Energy Consumption" in Glossary.  
b See Table 10.2a for notes on series components.  
c Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.  
d Distributed (small-scale) solar photovoltaic (PV) electricity generation in the residential, commercial, and industrial sectors. See Tables 10.2a and 10.5.  
e Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
f 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.