

**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	4,487	1,394	5,912	6	55	580	640	6,552	3,153	7,235	16,940
<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	912	98	1,009	3	8	30	41	1,050	447	886	2,384
February .....	NA	716	92	808	3	10	28	40	848	396	733	1,977
March .....	NA	472	77	548	3	13	30	46	594	342	638	1,574
April .....	NA	340	67	407	3	14	29	46	453	301	579	1,333
May .....	NA	201	66	267	3	16	30	49	316	321	644	1,281
June .....	NA	127	53	180	3	17	29	48	228	427	865	1,520
July .....	NA	110	58	168	3	17	30	50	218	527	1,063	1,809
August .....	NA	104	50	155	3	17	30	50	204	534	1,024	1,762
September .....	NA	114	61	175	3	15	29	47	222	441	806	1,469
October .....	NA	194	75	269	3	13	30	46	315	346	649	1,310
November .....	NA	394	75	468	3	11	29	43	511	318	609	1,438
December .....	NA	824	106	930	3	10	30	43	972	414	845	2,231
<b>Total</b> .....	NA	4,506	878	5,384	40	160	349	549	5,932	4,815	9,334	20,081
<b>2017 January</b> .....	NA	860	107	967	3	10	28	41	1,008	441	859	2,308
February .....	NA	599	80	680	3	11	26	40	719	345	638	1,702
March .....	NA	600	81	681	3	16	28	47	728	352	685	1,765
April .....	NA	288	69	357	3	18	27	48	405	310	588	1,303
May .....	NA	206	59	265	3	19	28	51	316	335	665	1,316
June .....	NA	128	64	192	3	20	27	51	243	418	813	1,475
July .....	NA	111	56	167	3	20	28	52	219	511	1,006	1,737
August .....	NA	107	56	163	3	20	28	52	215	485	907	1,606
September .....	NA	118	57	176	3	18	27	48	224	405	742	1,371
October .....	NA	212	66	278	3	16	28	48	326	351	665	1,342
November .....	NA	484	86	570	3	12	27	43	613	335	662	1,610
December .....	NA	850	108	958	3	12	28	43	1,001	416	855	2,273
<b>Total</b> .....	NA	4,563	889	5,452	40	191	334	565	6,017	4,704	9,084	19,805
<b>2018 January</b> .....	NA	1,009	132	<sup>R</sup> 1,142	3	12	33	48	1,189	508	1,007	2,704
February .....	NA	710	90	<sup>R</sup> 801	3	13	30	45	846	387	733	1,966
March .....	NA	678	85	764	3	18	33	54	818	365	713	1,896
April .....	NA	454	78	532	3	20	32	55	587	325	630	1,542
May .....	NA	174	60	234	3	23	33	59	293	353	733	<sup>R</sup> 1,379
June .....	NA	123	54	177	3	23	32	58	235	442	886	<sup>R</sup> 1,562
July .....	NA	109	56	165	3	24	33	60	225	522	<sup>R</sup> 1,035	<sup>R</sup> 1,783
August .....	NA	102	55	157	3	23	33	59	216	521	<sup>R</sup> 993	1,730
September .....	NA	117	58	175	3	20	32	55	230	438	821	1,489
<b>9-Month Total</b> .....	NA	3,477	670	4,146	30	175	288	493	4,639	3,861	7,551	16,051
<b>2017 9-Month Total</b> .....	NA	3,019	629	3,648	30	151	250	431	4,078	3,601	6,904	14,584
<b>2016 9-Month Total</b> .....	NA	3,095	622	3,717	30	126	261	417	4,134	3,736	7,238	15,109

<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.  
<sup>R</sup> = 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.