

Table HC1.8 Fuels used and end uses in homes in the South and West regions, 2020

	Number of housing units (million)									
	South Census Region					West Census Region				
	Total U.S. ^a	Total South	South Atlantic	East South Central	West South Central	Total West	Total Mountain	Mountain North	Mountain South	Pacific
All homes	123.53	46.84	24.84	7.38	14.62	27.72	9.22	4.62	4.60	18.51
Fuels used for any use (more than one may apply)										
Electricity	123.53	46.84	24.84	7.38	14.62	27.72	9.22	4.62	4.60	18.51
Natural gas	74.65	19.89	8.99	3.12	7.78	20.41	6.52	3.63	2.88	13.90
Propane ^b	11.68	4.29	2.35	0.87	1.07	1.86	0.66	0.32	0.34	1.20
Wood	10.83	3.71	1.77	0.61	1.33	2.71	0.94	0.48	0.46	1.77
Fuel oil or kerosene	5.72	0.63	0.53	0.09	Q	0.15	Q	Q	Q	0.12
Electricity end uses (more than one may apply)										
Space heating	69.25	33.25	17.60	5.59	10.06	13.82	4.79	2.18	2.62	9.02
Main	48.89	28.43	15.13	4.79	8.51	9.45	3.20	1.15	2.06	6.24
Secondary	31.50	11.44	6.01	2.12	3.31	6.46	2.32	1.30	1.02	4.14
Air conditioning	108.92	43.87	23.26	6.86	13.75	20.56	7.96	3.76	4.20	12.60
Water heating	58.82	31.50	18.28	5.24	7.98	9.57	3.26	1.40	1.87	6.31
Cooking ^c	84.01	37.70	20.67	6.27	10.75	16.86	6.49	3.51	2.98	10.36
Natural gas end uses (more than one may apply)										
Space heating	58.44	14.19	6.43	2.42	5.35	14.56	5.26	3.24	2.02	9.30
Main	56.25	13.00	5.88	2.09	5.03	14.07	5.06	3.12	1.94	9.02
Secondary	7.55	2.49	1.10	0.54	0.85	2.27	0.87	0.63	0.24	1.40
Water heating	58.09	14.26	5.94	2.02	6.30	17.12	5.53	3.04	2.49	11.59
Cooking ^c	47.26	11.83	5.22	1.30	5.31	13.79	3.31	1.43	1.87	10.49
Outdoor grilling	4.75	1.43	0.66	0.23	0.54	1.54	0.55	0.22	0.32	1.00
Propane end uses (more than one may apply)										
Space heating	7.71	2.76	1.51	0.68	0.57	1.04	0.43	0.24	0.19	0.61
Main	5.05	1.21	0.60	0.29	0.33	0.75	0.33	0.19	0.13	0.42
Secondary	3.08	1.70	0.99	0.44	0.26	0.33	0.12	0.07	0.05	0.21
Water heating	4.32	1.28	0.60	0.20	0.49	1.01	0.40	0.17	0.23	0.61
Cooking ^c	5.82	2.04	1.06	0.29	0.69	1.04	0.33	0.12	0.21	0.70
Outdoor grilling ^b	42.05	13.44	8.01	2.05	3.38	9.94	4.06	2.22	1.84	5.89
Wood end uses (more than one may apply)										
Space heating	10.79	3.69	1.75	0.61	1.33	2.71	0.94	0.48	0.46	1.77
Main	2.22	0.55	0.31	0.11	0.14	0.70	0.25	0.13	0.12	0.45
Secondary	8.61	3.16	1.45	0.51	1.20	2.02	0.70	0.35	0.36	1.32
Water heating	0.15	Q	Q	N	N	Q	N	N	N	Q
Fuel oil or kerosene end uses (more than one may apply)										
Space heating	5.41	0.60	0.51	0.09	N	0.13	Q	Q	Q	0.11
Main	4.96	0.46	0.42	Q	N	0.11	Q	Q	Q	0.09
Secondary	0.47	0.15	0.10	Q	N	Q	Q	Q	N	Q
Water heating	2.70	0.09	0.07	N	Q	0.07	Q	Q	Q	0.05

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	South Census Region					West Census Region				
	Total U.S. ^a	Total South	South Atlantic	East South Central	West South Central	Total West	Total Mountain	Mountain North	Mountain South	Pacific
All homes	123.53	46.84	24.84	7.38	14.62	27.72	9.22	4.62	4.60	18.51

Source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2020 Residential Energy Consumption Survey

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for the definitions of terms used in these tables.

^a *Total U.S.* includes all primary occupied housing units in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

^b Households that use propane only for outdoor grilling are excluded from the RECS estimate of households using propane.

^c *Cooking* includes fuels used by major cooking equipment (ovens, cooktops, and ranges).

Q = Data withheld because either the relative standard error (RSE) was greater than 50% or fewer than 10 households were in the reporting sample.

N = No households in reporting sample.

Relative standard errors (RSEs) for Table HC1.8 Fuels used and end uses in homes in the South and West regions, 2020

RSEs for number of housing units

	South Census Region					West Census Region				
	Total U.S. ^a	Total South	South Atlantic	East South Central	West South Central	Mountain				Pacific
						Total West	Total Mountain	Mountain North	Mountain South	
All homes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fuels used for any use (more than one may apply)										
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural gas	0.59	1.42	2.28	2.90	2.37	0.93	1.25	1.44	2.52	1.15
Propane ^b	2.44	4.15	6.14	7.94	7.80	6.38	9.07	14.08	12.00	8.78
Wood	2.30	3.76	5.24	10.82	6.66	4.59	6.72	7.56	10.08	6.39
Fuel oil or kerosene	3.06	12.00	13.50	23.69	81.12	15.42	45.71	47.85	101.21	16.12
Electricity end uses (more than one may apply)										
Space heating	0.77	0.99	1.29	1.62	1.97	1.65	2.51	3.34	3.62	2.17
Main	0.95	1.04	1.44	2.22	2.18	2.44	3.76	5.80	4.27	3.15
Secondary	1.35	2.40	2.92	4.69	4.76	2.92	4.12	5.52	6.73	3.87
Air conditioning	0.36	0.32	0.47	0.79	0.65	1.02	1.05	1.63	1.20	1.66
Water heating	0.84	0.97	1.04	1.79	2.33	2.20	3.08	5.01	3.62	2.88
Cooking ^c	0.50	0.65	0.82	1.25	1.43	1.11	1.25	1.67	1.96	1.58
Natural gas end uses (more than one may apply)										
Space heating	0.90	1.68	2.58	3.96	3.38	1.57	1.69	1.99	3.23	2.28
Main	0.97	1.94	2.68	4.43	3.79	1.63	1.82	2.15	3.56	2.34
Secondary	2.92	5.40	7.68	10.56	9.35	5.83	6.79	8.60	12.18	7.82
Water heating	0.84	1.90	3.12	4.22	2.92	1.28	1.75	2.50	2.78	1.75
Cooking ^c	0.92	2.00	3.26	6.08	3.30	1.43	2.79	4.48	3.56	1.75
Outdoor grilling	3.72	6.70	10.81	12.84	11.56	7.98	9.27	14.67	11.59	9.41
Propane end uses (more than one may apply)										
Space heating	3.15	4.84	7.45	9.84	9.67	9.15	10.96	17.56	15.35	13.56
Main	4.01	6.53	10.73	14.74	15.48	11.38	13.71	20.65	19.17	17.33
Secondary	5.30	6.37	8.48	12.84	15.15	14.10	24.28	31.20	32.58	17.19
Water heating	4.47	7.70	11.58	17.04	12.97	8.26	12.65	20.55	14.28	11.54
Cooking ^c	3.40	5.85	8.32	14.54	10.01	9.69	12.22	16.74	16.48	12.25
Outdoor grilling ^b	1.09	2.06	2.64	4.62	4.30	1.59	2.08	3.04	3.27	2.39
Wood end uses (more than one may apply)										
Space heating	2.31	3.75	5.24	10.82	6.66	4.59	6.72	7.56	10.08	6.39
Main	5.19	10.05	13.72	23.60	22.43	12.38	14.19	16.09	19.06	15.65
Secondary	2.73	4.33	6.37	12.47	6.96	4.97	8.41	9.12	12.45	7.75
Water heating	21.41	49.35	49.35	0.00	0.00	100.19	0.00	0.00	0.00	100.19
Fuel oil or kerosene end uses (more than one may apply)										
Space heating	3.18	12.40	13.85	23.69	0.00	15.67	50.47	44.31	101.21	15.25
Main	3.36	13.30	14.08	32.21	0.00	17.10	60.63	59.63	101.21	16.51
Secondary	13.66	22.96	32.71	34.45	0.00	48.71	69.89	69.89	0.00	62.69
Water heating	5.22	29.65	31.44	0.00	81.12	26.63	61.50	75.23	101.21	26.98

Relative standard errors (RSEs) for Table HC1.8 Fuels used and end uses in homes in the South and West regions, 2020

RSEs for number of housing units

	South Census Region					West Census Region				
	Total U.S. ^a	Total South	South Atlantic	East South Central	West South Central	Total West	Mountain			Pacific
							Total Mountain	Mountain North	Mountain South	
All homes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2020 Residential Energy Consumption Survey

Notes: See RECS Terminology for the definitions of terms used in these tables.

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