

Table CE2.3 Annual household site fuel consumption in the Midwest—totals and averages, 2020

	Number of housing units (million)	Total site energy consumption ^a (trillion Btu)					Average site energy consumption ^a (million Btu per household using the fuel)				
		Total Midwest ^b	Total	Electricity	Natural gas	Propane	Fuel oil or kerosene	Total	Electricity	Natural gas	Propane
All homes	27.04	2,619	902	1,521	170	26	96.9	33.3	76.1	62.8	62.1
Census division											
East North Central	18.55	1,823	591	1,103	108	21	98.3	31.9	78.0	66.6	59.8
West North Central	8.50	796	310	419	62	4	93.7	36.5	71.5	57.1	77.3
Census urban/rural classification^c											
Urban	20.77	1,971	632	1,325	8	6	94.9	30.4	76.2	38.9	36.4
Urbanized area	17.20	1,654	513	1,131	6	5	96.2	29.8	77.0	49.6	37.2
Urban cluster	3.57	317	119	194	3	Q	88.9	33.4	71.6	27.1	Q
Rural	6.28	648	270	196	162	20	103.3	43.0	75.5	64.8	77.8
Climate region^d											
Very cold/Cold	22.09	2,178	702	1,306	146	25	98.6	31.8	78.1	66.0	62.2
Mixed-humid	4.96	441	200	215	24	Q	89.0	40.4	65.8	48.5	Q
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N	N	N
Hot-humid	N	N	N	N	N	N	N	N	N	N	N
Marine	N	N	N	N	N	N	N	N	N	N	N
Housing unit type											
Single-family detached	18.58	2,144	710	1,253	157	23	115.4	38.2	86.6	66.1	70.5
Single-family attached	1.33	113	37	74	2	Q	84.9	27.4	66.3	55.0	Q
Apartments in buildings with 2–4 units	1.95	125	42	81	N	Q	64.1	21.7	60.3	N	Q
Apartments in buildings with 5 or more units	4.20	164	79	82	1	Q	39.0	18.9	32.3	15.4	Q
Mobile homes	0.97	73	34	30	9	Q	75.3	34.5	59.9	47.6	Q
Ownership of housing unit											
Owned	19.48	2,164	721	1,266	156	21	111.1	37.0	83.9	65.2	67.4
Single-family	17.73	2,041	672	1,200	148	21	115.1	37.9	86.2	66.9	68.7
Apartments	0.94	61	20	42	Q	N	65.6	21.1	55.9	Q	N
Mobile homes	0.81	61	29	24	8	Q	75.1	35.2	58.2	46.7	Q
Rented ^e	7.56	456	181	256	14	4	60.2	23.9	52.1	44.4	45.2
Single-family	2.19	216	74	127	12	Q	98.8	34.0	76.7	55.2	Q
Apartments	5.22	227	102	122	1	Q	43.6	19.5	38.7	15.1	Q
Mobile homes	0.16	12	5	6	Q	N	76.4	31.3	66.9	Q	N
Year of construction											
Before 1950	6.11	672	197	420	45	9	109.9	32.3	85.6	67.1	79.4
1950 to 1959	3.18	331	99	209	16	Q	104.3	31.2	80.9	76.4	Q
1960 to 1969	2.90	276	84	177	13	Q	95.3	29.0	76.7	70.7	Q
1970 to 1979	4.05	373	138	196	35	4	92.1	34.1	70.3	78.8	50.3
1980 to 1989	2.71	214	87	116	8	Q	79.1	32.2	66.8	51.6	Q
1990 to 1999	3.56	354	131	193	29	Q	99.5	36.9	75.2	58.1	Q
2000 to 2009	2.95	276	108	150	17	Q	93.5	36.5	72.3	50.3	Q
2010 to 2015	0.86	70	34	32	4	Q	80.9	39.1	62.8	41.2	Q
2016 to 2020	0.73	54	23	27	3	Q	73.7	31.8	54.5	27.9	Q
Total square footage^f											
Less than 1,000	5.29	274	111	151	10	Q	51.8	21.0	45.4	41.6	Q
1,000 to 1,499	5.28	422	147	252	21	Q	79.9	27.9	64.5	47.2	Q
1,500 to 1,999	4.73	462	158	278	23	4	97.8	33.4	74.6	54.3	47.9
2,000 to 2,499	3.79	418	139	238	36	6	110.3	36.6	83.1	68.1	62.1
2,500 to 2,999	2.92	337	108	195	26	Q	115.4	37.1	86.2	70.2	Q
3,000 or more	5.03	706	238	407	56	Q	140.3	47.3	104.5	75.9	Q
Number of household members											
1 member	7.74	560	176	338	35	11	72.3	22.7	62.0	58.8	69.1
2 members	10.41	1,047	351	609	77	10	100.6	33.8	78.3	61.2	70.2
3 members	3.62	391	147	214	26	Q	108.0	40.6	81.5	68.9	Q
4 members	3.08	357	127	210	19	Q	115.8	41.2	86.9	72.2	Q
5 members	1.36	156	61	88	8	Q	114.8	44.7	84.6	59.7	Q
6 or more members	0.83	108	40	62	6	Q	129.9	47.4	91.8	62.1	Q
2020 annual household income											
Less than \$5,000	1.01	76	30	42	Q	Q	75.2	29.3	64.6	Q	Q

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		Total Midwest ^b	Total	Electricity	Natural gas	Propane	Fuel oil or kerosene	Total	Electricity	Natural gas	Propane
All homes	27.04	2,619	902	1,521	170	26	96.9	33.3	76.1	62.8	62.1
\$5,000 to \$9,999	0.92	62	23	34	2	Q	67.4	25.2	61.9	29.1	Q
\$10,000 to \$19,999	2.31	159	58	88	11	Q	69.1	25.1	63.2	53.3	Q
\$20,000 to \$39,999	5.27	442	153	252	32	6	84.0	29.0	66.8	63.0	71.8
\$40,000 to \$59,999	4.28	382	127	229	23	Q	89.1	29.7	69.2	59.6	Q
\$60,000 to \$99,999	6.42	646	220	372	46	8	100.7	34.3	76.3	64.9	87.7
\$100,000 to \$149,999	3.71	414	144	238	29	Q	111.7	38.9	84.6	63.5	Q
\$150,000 or more	3.14	438	146	266	24	Q	139.6	46.7	101.6	71.5	Q
Payment method for energy bills											
All paid by household	24.66	2,488	859	1,437	168	24	100.9	34.9	79.3	63.7	66.5
Some paid by household, some included in rent or condo fee	1.50	82	26	53	Q	Q	55.0	17.4	41.6	Q	Q
All included in rent or condo fee	0.84	43	16	26	Q	Q	51.0	18.8	46.9	Q	Q
Some other method	Q	Q	Q	Q	N	N	Q	Q	Q	N	N
Main heating fuel											
Natural gas	18.81	2,065	559	1,504	1	Q	109.8	29.7	80.0	20.2	Q
Electricity	5.20	249	229	14	7	Q	48.0	44.0	14.8	21.1	Q
Fuel oil or kerosene	0.28	32	9	Q	Q	22	115.2	31.6	Q	Q	78.7
Propane	2.12	239	82	*	156	Q	112.7	39.0	1.9	73.6	Q
Wood	0.51	28	19	Q	6	Q	54.8	36.8	Q	29.5	Q
Some other fuel ^g	Q	Q	Q	N	N	N	Q	Q	N	N	N
Does not use heating equipment	0.12	5	4	Q	N	N	43.1	31.8	Q	N	N

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Forms EIA-457A, D, E, F, & G of the 2020 Residential Energy Consumption Survey

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

Btu = British thermal units

^a Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

^b Total Midwest includes all primary occupied housing units in the Midwest Census Region. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

^c Housing units are classified using criteria created by the U.S. Census Bureau based on 2010 Census data. Urbanized areas are densely settled groupings of blocks or tracts with 50,000 or more people, while urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

^d The Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), created these climate regions. We combined climate regions for this publication. The subarctic region is included with data for Very-cold/Cold.

^e Rented includes households that occupy their primary housing units without paying rent.

^f Total square footage includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage of the home is based on respondent reports. Previous RECS cycles calculated square footage based on interviewer measurements. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home. See 2020 RECS Square Footage Methodology for full details about data collection and processing.

^g Some other fuel includes coal and district steam.

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

N = No households in reporting sample.

* = Estimate is less than 0.5 and rounds to zero.

Data release date: March 2023

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	Number of housing units (million)	Total site energy consumption ^a				Average site energy consumption ^a (per household using the fuel)				
		Total Midwest ^b	Electricity (billion kWh)	Natural gas (billion cf)	Propane (million gallons)	Fuel oil or kerosene (million gallons)	Electricity (kWh)	Natural gas (ccf)	Propane (gallons)	Fuel oil or kerosene (gallons)
All homes	27.04	264	1,492	1,864	187	9,773	747	686	452	
Census division										
East North Central	18.55	173	1,078	1,181	156	9,345	763	729	435	
West North Central	8.50	91	415	683	31	10,705	708	624	562	
Census urban/rural classification^c										
Urban	20.77	185	1,299	91	41	8,917	747	426	265	
Urbanized area	17.20	150	1,108	61	37	8,733	755	543	271	
Urban cluster	3.57	35	191	30	Q	9,802	705	296	Q	
Rural	6.28	79	193	1,773	145	12,602	743	709	566	
Climate region^d										
Very cold/Cold	22.09	206	1,278	1,598	179	9,309	764	722	453	
Mixed-humid	4.96	59	215	266	Q	11,841	657	530	Q	
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N	
Hot-humid	N	N	N	N	N	N	N	N	N	
Marine	N	N	N	N	N	N	N	N	N	
Housing unit type										
Single-family detached	18.58	208	1,229	1,721	170	11,196	850	722	513	
Single-family attached	1.33	11	73	26	Q	8,024	650	601	Q	
Apartments in buildings with 2–4 units	1.95	12	80	N	Q	6,372	592	N	Q	
Apartments in buildings with 5 or more units	4.20	23	81	16	Q	5,529	316	168	Q	
Mobile homes	0.97	10	30	101	Q	10,122	587	520	Q	
Ownership of housing unit										
Owned	19.48	211	1,242	1,709	154	10,841	824	713	490	
Single-family	17.73	197	1,178	1,615	153	11,111	846	732	500	
Apartments	0.94	6	41	Q	N	6,197	550	Q	N	
Mobile homes	0.81	8	23	92	Q	10,308	569	511	Q	
Rented ^e	7.56	53	250	155	32	7,019	510	486	329	
Single-family	2.19	22	124	132	Q	9,950	749	604	Q	
Apartments	5.22	30	120	14	Q	5,724	379	165	Q	
Mobile homes	0.16	1	6	Q	N	9,171	662	Q	N	
Year of construction										
Before 1950	6.11	58	411	494	68	9,468	838	734	578	
1950 to 1959	3.18	29	205	175	Q	9,138	794	835	Q	
1960 to 1969	2.90	25	174	138	Q	8,503	752	773	Q	
1970 to 1979	4.05	40	193	382	26	9,984	689	862	366	
1980 to 1989	2.71	26	114	89	Q	9,428	656	565	Q	
1990 to 1999	3.56	39	190	316	Q	10,828	739	636	Q	
2000 to 2009	2.95	32	147	189	Q	10,702	710	550	Q	
2010 to 2015	0.86	10	31	48	Q	11,472	617	451	Q	
2016 to 2020	0.73	7	27	32	Q	9,311	536	306	Q	
Total square footage^f										
Less than 1,000	5.29	33	148	105	Q	6,156	445	455	Q	
1,000 to 1,499	5.28	43	246	224	Q	8,168	632	516	Q	
1,500 to 1,999	4.73	46	273	249	27	9,788	731	594	348	
2,000 to 2,499	3.79	41	234	388	40	10,735	816	745	452	

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All homes	27.04	264	1,492	1,864	187	9,773	747	686	452
2,500 to 2,999	2.92	32	192	288	Q	10,886	845	767	Q
3,000 or more	5.03	70	400	610	Q	13,876	1,026	830	Q
Number of household members									
1 member	7.74	52	332	379	81	6,664	609	643	503
2 members	10.41	103	597	840	73	9,895	768	669	511
3 members	3.62	43	210	286	Q	11,907	798	753	Q
4 members	3.08	37	206	208	Q	12,082	853	789	Q
5 members	1.36	18	86	84	Q	13,087	830	653	Q
6 or more members	0.83	12	61	66	Q	13,892	900	679	Q
2020 annual household income									
Less than \$5,000	1.01	9	41	Q	Q	8,582	633	Q	Q
\$5,000 to \$9,999	0.92	7	34	21	Q	7,388	607	319	Q
\$10,000 to \$19,999	2.31	17	86	119	Q	7,367	618	583	Q
\$20,000 to \$39,999	5.27	45	247	347	46	8,502	655	689	523
\$40,000 to \$59,999	4.28	37	225	249	Q	8,712	679	652	Q
\$60,000 to \$99,999	6.42	65	365	502	56	10,062	748	710	639
\$100,000 to \$149,999	3.71	42	234	323	Q	11,399	831	695	Q
\$150,000 or more	3.14	43	261	263	Q	13,688	998	781	Q
Payment method for energy bills									
All paid by household	24.66	252	1,410	1,832	176	10,214	778	697	484
Some paid by household, some included in rent or condo fee	1.50	8	52	Q	Q	5,105	408	Q	Q
All included in rent or condo fee	0.84	5	26	Q	Q	5,510	460	Q	Q
Some other method	Q	Q	Q	N	N	Q	Q	N	N
Main heating fuel									
Natural gas	18.81	164	1,476	15	Q	8,708	785	221	Q
Electricity	5.20	67	14	72	Q	12,887	145	231	Q
Fuel oil or kerosene	0.28	3	Q	Q	161	9,266	Q	Q	573
Propane	2.12	24	*	1,704	Q	11,424	19	805	Q
Wood	0.51	6	Q	61	Q	10,783	Q	323	Q
Some other fuel ^e	Q	Q	N	N	N	Q	N	N	N
Does not use heating equipment	0.12	1	Q	N	N	9,314	Q	N	N

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All homes	27.04	264	1,492	1,864	187	9,773	747	686	452	

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Forms EIA-457A, D, E, F, & G of the *2020 Residential Energy Consumption Survey*

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

kWh = kilowatthours

cf = cubic feet

ccf = hundred cubic feet

^a Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

^b *Total Midwest* includes all primary occupied housing units in the Midwest Census Region. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

^c Housing units are classified using criteria created by the U.S. Census Bureau based on 2010 Census data. Urbanized areas are densely settled groupings of blocks or tracts with 50,000 or more people, while urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

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^e *Rented* includes households that occupy their primary housing units without paying rent.

^f *Total square footage* includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage of the home is based on respondent reports. Previous RECS cycles calculated square footage based on interviewer measurements. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home. See *2020 RECS Square Footage Methodology* for full details about data collection and processing.

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* = Estimate is less than 0.5 and rounds to zero.

Relative standard errors (RSEs) for Table CE2.3 Annual household site fuel consumption in the Midwest—totals and averages, 2020

	RSEs for number of housing units										
	Total Midwest ^b	RSEs for total site energy consumption ^a					RSEs for average site energy consumption ^a				
		Total	Electricity	Natural gas	Propane	Fuel oil or kerosene	Total	Electricity	Natural gas	Propane	Fuel oil or kerosene
All homes	0.00	0.90	1.02	1.66	6.25	19.73	0.90	1.02	1.13	3.62	11.23
Census division											
East North Central	0.00	1.13	1.34	1.92	8.20	22.30	1.13	1.34	1.53	5.31	13.17
West North Central	0.00	1.29	1.33	2.62	7.68	31.76	1.29	1.33	1.73	4.87	13.91
Census urban/rural classification^c											
Urban	0.97	1.57	1.54	1.93	27.91	27.27	1.14	1.13	1.15	21.70	14.75
Urbanized area	1.23	1.84	1.84	2.16	34.37	30.32	1.30	1.35	1.33	27.27	15.44
Urban cluster	4.97	6.09	5.79	7.16	39.38	68.90	2.72	3.11	3.39	31.51	162.59
Rural	3.21	3.48	3.61	6.11	6.14	24.44	1.69	2.18	3.91	3.59	10.72
Climate region^d											
Very cold/Cold	0.49	1.09	1.31	1.83	6.88	20.18	0.97	1.21	1.26	3.90	11.71
Mixed-humid	2.18	3.28	3.10	4.54	16.25	14.03	2.21	2.34	2.68	9.35	0.00
Mixed-dry/Hot-dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hot-humid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Housing unit type											
Single-family detached	0.00	0.88	1.11	1.66	6.76	21.89	0.88	1.11	1.06	3.61	10.43
Single-family attached	0.00	2.19	3.33	3.02	43.96	96.53	2.19	3.33	2.54	24.31	135.19
Apartments in buildings with 2–4 units	0.00	4.38	4.40	6.69	0.00	74.28	4.38	4.40	6.01	0.00	66.50
Apartments in buildings with 5 or more units	0.00	3.69	3.92	7.17	33.76	60.10	3.69	3.92	5.16	18.82	14.28
Mobile homes	0.00	4.33	4.81	13.53	23.80	78.76	4.33	4.81	8.15	10.50	182.83
Ownership of housing unit											
Owned	0.87	1.17	1.37	1.90	6.76	23.10	0.98	1.22	1.20	3.70	12.03
Single-family	0.60	1.09	1.38	1.81	7.21	23.31	0.93	1.24	1.16	3.87	11.96
Apartments	11.27	13.82	14.98	15.33	15.97	0.00	7.21	7.91	8.73	0.00	0.00
Mobile homes	4.59	5.96	6.95	15.34	25.08	78.76	4.46	5.83	9.23	11.33	182.83
Rented ^e	2.25	3.48	3.56	4.94	21.01	35.29	2.12	2.47	3.23	11.63	27.64
Single-family	4.85	5.70	5.91	7.38	22.77	54.09	2.72	3.03	3.43	11.06	44.05
Apartments	2.02	3.64	3.59	6.38	37.37	49.32	3.02	3.24	4.33	20.96	27.48
Mobile homes	23.49	24.93	23.72	32.47	15.73	0.00	14.61	10.29	17.74	0.00	0.00
Year of construction											
Before 1950	0.00	2.25	2.44	3.85	14.74	30.56	2.25	2.44	2.97	7.63	13.93
1950 to 1959	0.00	2.89	3.03	3.73	20.10	43.02	2.89	3.03	2.74	12.18	25.10
1960 to 1969	0.00	2.88	3.73	4.26	23.22	56.37	2.88	3.73	3.00	11.54	32.68
1970 to 1979	0.00	2.41	2.92	4.07	14.34	42.40	2.41	2.92	2.74	6.41	35.68
1980 to 1989	0.00	3.83	3.81	7.07	22.86	44.84	3.83	3.81	4.74	12.70	34.63
1990 to 1999	0.00	2.39	3.28	4.41	14.75	78.61	2.39	3.28	2.86	8.65	58.89
2000 to 2009	0.00	3.44	3.22	5.16	16.10	71.08	3.44	3.22	4.11	9.46	52.48
2010 to 2015	5.76	7.74	8.52	10.08	23.20	15.91	5.40	5.60	6.50	12.05	0.00
2016 to 2020	6.83	9.55	10.15	12.38	30.66	18.35	6.52	6.23	9.10	16.88	0.00
Total square footage^f											
Less than 1,000	3.29	4.19	3.69	5.42	25.68	51.94	2.48	3.01	3.29	17.80	40.58
1,000 to 1,499	4.29	4.96	5.15	5.98	13.82	44.66	2.23	2.65	2.95	8.05	33.54
1,500 to 1,999	3.84	4.23	4.07	5.30	13.81	39.64	1.83	2.35	2.59	6.24	16.26
2,000 to 2,499	3.93	3.76	4.12	5.27	14.90	42.19	1.82	2.32	2.49	6.97	32.14
2,500 to 2,999	4.68	5.19	5.74	6.43	17.60	41.02	2.16	2.90	2.65	9.64	20.27
3,000 or more	3.47	3.84	4.20	4.81	12.15	46.15	1.64	2.47	2.09	5.40	29.58
Number of household members											
1 member	3.09	4.17	4.10	5.41	12.40	29.11	2.21	2.54	2.65	7.76	20.85
2 members	2.28	2.54	2.71	3.20	9.68	35.45	1.43	1.61	1.86	5.29	17.25
3 members	4.59	5.01	5.38	6.22	23.88	45.19	2.63	2.74	3.30	11.76	24.37
4 members	5.39	6.13	5.60	6.89	18.54	65.36	2.47	2.84	2.76	7.06	47.98
5 members	7.66	8.62	7.94	9.74	31.27	18.89	3.70	4.07	4.39	15.89	0.00
6 or more members	12.00	11.92	12.14	14.06	32.27	15.50	3.34	5.59	4.70	17.33	0.00
2020 annual household income											
Less than \$5,000	10.86	12.10	12.95	14.35	47.47	96.55	6.38	5.90	6.65	20.88	80.73

Relative standard errors (RSEs) for Table CE2.3 Annual household site fuel consumption in the Midwest—totals and averages, 2020

	RSEs for number of housing units	RSEs for total site energy consumption ^a					RSEs for average site energy consumption ^a				
		Total Midwest ^b	Total	Electricity	Natural gas	Propane	Fuel oil or kerosene	Total	Electricity	Natural gas	Propane
All homes	0.00	0.90	1.02	1.66	6.25	19.73	0.90	1.02	1.13	3.62	11.23
\$5,000 to \$9,999	11.72	12.06	12.17	16.80	40.79	54.87	7.26	7.00	9.61	33.24	44.66
\$10,000 to \$19,999	6.55	6.83	8.01	8.61	25.99	74.98	3.65	5.32	3.82	17.12	71.50
\$20,000 to \$39,999	3.87	4.56	4.94	4.98	15.45	37.57	2.41	2.62	2.73	8.99	20.54
\$40,000 to \$59,999	4.29	4.68	4.39	6.13	17.18	51.62	2.61	2.59	3.57	8.67	27.19
\$60,000 to \$99,999	3.08	3.17	3.57	4.01	13.28	38.00	1.68	1.90	2.30	7.05	19.21
\$100,000 to \$149,999	4.72	4.79	5.58	5.93	13.25	41.07	2.42	3.27	2.83	7.13	26.42
\$150,000 or more	5.18	5.48	5.39	5.95	18.81	99.10	2.02	2.58	2.58	10.87	114.89
Payment method for energy bills											
All paid by household	0.58	0.94	1.13	1.72	6.35	20.94	0.94	1.08	1.06	3.54	10.88
Some paid by household, some included in rent or condo fee	8.20	10.39	10.29	13.07	46.49	50.31	6.30	6.23	8.44	45.98	42.36
All included in rent or condo fee	10.71	14.84	12.81	18.40	67.67	15.49	8.19	6.71	11.72	33.58	0.00
Some other method	59.10	66.37	57.19	67.43	0.00	0.00	37.30	47.21	37.88	0.00	0.00
Main heating fuel											
Natural gas	1.34	1.62	1.80	1.68	40.69	56.92	0.93	1.11	1.08	28.14	31.04
Electricity	4.18	5.04	5.22	14.20	20.50	95.33	3.04	2.93	10.93	15.52	105.44
Fuel oil or kerosene	20.23	22.04	21.98	86.01	67.12	22.40	9.17	9.97	56.62	34.35	10.64
Propane	6.23	6.94	7.81	43.56	6.92	13.81	2.52	3.63	35.51	3.05	0.00
Wood	13.66	14.98	14.80	55.45	25.02	48.40	7.11	5.50	48.58	15.50	24.60
Some other fuel ^g	14.87	14.87	14.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Does not use heating equipment	32.69	40.25	44.29	61.36	0.00	0.00	19.64	35.23	17.57	0.00	0.00

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Forms EIA-457A, D, E, F, & G of the 2020 Residential Energy Consumption Survey
 Notes: See RECS Terminology for definition of terms used in these tables.

^a Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

^b Total Midwest includes all primary occupied housing units in the Midwest Census Region. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

^c Housing units are classified using criteria created by the U.S. Census Bureau based on 2010 Census data. Urbanized areas are densely settled groupings of blocks or tracts with 50,000 or more people, while urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

^d The Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), created these climate regions. We combined climate regions for this publication. The subarctic region is included with data for Very-cold/Cold.

^e Rented includes households that occupy their primary housing units without paying rent.

^f Total square footage includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage of the home is based on respondent reports. Previous RECS cycles calculated square footage based on interviewer measurements. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home. See 2020 RECS Square Footage Methodology for full details about data collection and processing.

^g Some other fuel includes coal and district steam.