

Table HC10.3 Total square footage of Midwest homes, 2020

	Number of housing units (million)	Total square footage (billion square feet)		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	27.04	54.25	50.39	41.96
Census division				
East North Central	18.55	37.11	34.33	28.18
West North Central	8.50	17.13	16.06	13.78
Census urban/rural classification^c				
Urban	20.77	39.46	36.88	31.47
Urbanized area	17.20	33.06	31.03	26.77
Urban cluster	3.57	6.40	5.86	4.71
Rural	6.28	14.78	13.51	10.48
Climate region^d				
Very cold/Cold	22.09	44.06	40.94	33.36
Mixed-humid	4.96	10.19	9.45	8.60
Mixed-dry/Hot-dry	N	N	N	N
Hot-humid	N	N	N	N
Marine	N	N	N	N
Housing unit type				
Single-family detached	18.58	44.84	41.28	35.07
Single-family attached	1.33	2.36	2.20	1.93
Apartments in buildings with 2–4 units	1.95	2.07	2.05	1.32
Apartments in buildings with 5 or more units	4.20	3.83	3.74	2.78
Mobile homes	0.97	1.14	1.12	0.86
Year of construction				
Before 1950	6.11	11.86	10.31	7.27
1950 to 1959	3.18	5.87	5.41	4.40
1960 to 1969	2.90	5.12	4.83	3.92
1970 to 1979	4.05	7.64	7.24	5.89
1980 to 1989	2.71	4.93	4.75	4.01
1990 to 1999	3.56	8.25	7.84	7.12
2000 to 2009	2.95	6.93	6.54	6.07
2010 to 2015	0.86	2.07	1.99	1.89
2016 to 2020	0.73	1.56	1.49	1.40

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	Number of housing units (million)	Total square footage (billion square feet)		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	27.04	54.25	50.39	41.96
Number of stories				
1 story	10.55	23.30	21.26	17.83
2 stories	7.95	20.71	19.11	16.37
3 or more stories	0.52	1.28	1.24	1.10
Split-level	0.90	1.92	1.87	1.70
Not asked (apartments and mobile homes)	7.13	7.04	6.91	4.96
Fuels used for any use (more than one may apply)				
Electricity	27.04	54.25	50.39	41.96
Natural gas	20.08	41.48	38.63	33.19
Propane ^e	2.72	6.41	5.81	4.30
Wood	2.21	5.49	5.10	3.88
Fuel oil or kerosene	0.41	0.84	0.76	0.52
Distributed solar generation				
Yes	0.29	0.71	0.64	0.54
No	20.60	47.63	43.97	37.31
Not asked (apartments)	6.15	5.90	5.78	4.10
Main space heating fuel				
Natural gas	18.81	39.34	36.76	31.71
Electricity	5.20	8.11	7.62	6.00
Fuel oil or kerosene	0.28	0.55	0.50	0.34
Propane	2.12	4.97	4.50	3.33
Wood	0.51	1.12	1.01	0.54
Some other fuel ^f	Q	Q	Q	Q
Do not use heating equipment	0.12	0.15	0.00	0.03
Air-conditioning equipment				
Uses air-conditioning equipment	25.24	51.29	47.73	41.96
Does not use air-conditioning equipment	1.80	2.95	2.66	0.00
Fuel used by main water heater				
Natural gas	16.17	34.00	31.84	27.62
Electricity	9.65	17.21	15.77	12.30
Propane	1.10	2.80	2.56	1.90
Fuel oil or kerosene	Q	Q	Q	Q
Some other fuel ^f	Q	Q	Q	Q

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	Number of housing units (million)	Total square footage (billion square feet)		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	27.04	54.25	50.39	41.96
Indoor light bulbs used at least 4 hours a day				
0 to 2	9.99	18.16	16.74	13.65
3 to 5	7.39	13.57	12.51	10.35
6 to 9	4.99	10.71	9.97	8.28
10 to 19	3.68	8.89	8.41	7.08
20 or more	1.00	2.91	2.76	2.59
Total number of rooms (excluding bathrooms)				
1 or 2	0.74	0.49	0.49	0.35
3	1.75	1.49	1.39	0.89
4	3.13	3.52	3.25	2.38
5	4.18	6.64	6.07	4.61
6	5.02	9.68	8.75	7.14
7	3.97	8.56	7.88	6.71
8	3.23	7.96	7.47	6.32
9 or more	5.01	15.90	15.10	13.54
Number of bedrooms				
0	0.34	0.22	0.22	0.15
1	2.84	2.47	2.34	1.49
2	6.68	9.56	8.71	6.62
3	10.82	23.14	21.42	17.91
4	4.96	14.01	13.07	11.66
5 or more	1.40	4.84	4.64	4.12
Basement				
Yes	15.63	40.09	36.66	31.34
Finished basement	9.04	23.58	22.61	20.17
Unfinished basement	6.60	16.50	14.04	11.17
No	4.28	7.12	6.83	5.66
Not asked (apartments and mobile homes)	7.13	7.04	6.91	4.96
Adequacy of insulation				
Well insulated	7.14	16.89	15.99	13.99
Adequately insulated	14.78	28.93	26.85	22.71
Poorly insulated	4.49	7.62	6.84	4.81
No insulation	0.63	0.80	0.71	0.45

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	Number of housing units (million)	Total square footage (billion square feet)		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	27.04	54.25	50.39	41.96
Type of glass in windows				
Single-pane glass	8.34	13.80	12.40	9.44
Double-pane glass	18.13	39.05	36.66	31.39
Triple-pane glass	0.57	1.40	1.33	1.13
Number of household members				
1 member	7.74	12.00	11.09	8.67
2 members	10.41	22.20	20.57	17.36
3 members	3.62	7.70	7.16	6.01
4 members	3.08	7.23	6.83	5.81
5 members	1.36	3.20	2.94	2.53
6 or more members	0.83	1.92	1.80	1.57
2020 annual household income				
Less than \$5,000	1.01	1.25	1.10	0.67
\$5,000 to \$9,999	0.92	1.06	0.95	0.60
\$10,000 to \$19,999	2.31	3.38	2.99	1.88
\$20,000 to \$39,999	5.27	8.65	7.92	6.10
\$40,000 to \$59,999	4.28	7.82	7.15	5.74
\$60,000 to \$99,999	6.42	13.19	12.26	10.58
\$100,000 to \$149,999	3.71	9.13	8.63	7.80
\$150,000 or more	3.14	9.78	9.39	8.59

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	Number of housing units (million)	Total square footage (billion square feet)		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	27.04	54.25	50.39	41.96
Ownership of housing unit^c				
Owned	19.48	45.59	42.38	36.43
Rented	7.56	8.65	8.01	5.53

Data 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 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.

^b 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.

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

^f *Some other fuel* includes coal and district steam.

^g *Rented* includes households that occupy their primary housing unit without paying rent.

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.

Table HC10.3 Total square footage of Midwest homes, 2020

	Percentage of			
	all housing units	Percentage of total square footage		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	100.00	100.00	100.00	100.00
Census division				
East North Central	68.58	68.41	68.12	67.17
West North Central	31.42	31.59	31.88	32.83
Census urban/rural classification^c				
Urban	76.79	72.75	73.20	75.01
Urbanized area	63.60	60.95	61.58	63.80
Urban cluster	13.19	11.80	11.62	11.22
Rural	23.21	27.25	26.80	24.99
Climate region^d				
Very cold/Cold	81.68	81.22	81.24	79.51
Mixed-humid	18.32	18.78	18.76	20.49
Mixed-dry/Hot-dry	N	N	N	N
Hot-humid	N	N	N	N
Marine	N	N	N	N
Housing unit type				
Single-family detached	68.71	82.66	81.93	83.58
Single-family attached	4.93	4.36	4.37	4.60
Apartments in buildings with 2–4 units	7.22	3.82	4.06	3.16
Apartments in buildings with 5 or more units	15.54	7.06	7.42	6.62
Mobile homes	3.60	2.10	2.22	2.04
Year of construction				
Before 1950	22.61	21.87	20.46	17.32
1950 to 1959	11.74	10.83	10.73	10.48
1960 to 1969	10.72	9.44	9.59	9.33
1970 to 1979	14.97	14.09	14.37	14.03
1980 to 1989	10.02	9.08	9.42	9.56
1990 to 1999	13.16	15.21	15.55	16.97
2000 to 2009	10.91	12.78	12.98	14.47
2010 to 2015	3.19	3.82	3.95	4.50
2016 to 2020	2.69	2.88	2.95	3.34

Table HC10.3 Total square footage of Midwest homes, 2020

	Percentage of all housing units		Percentage of total square footage	
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	100.00	100.00	100.00	100.00
Number of stories				
1 story	39.00	42.95	42.20	42.50
2 stories	29.38	38.18	37.92	39.00
3 or more stories	1.91	2.36	2.46	2.62
Split-level	3.34	3.53	3.71	4.06
Not asked (apartments and mobile homes)	26.35	12.98	13.70	11.82
Fuels used for any use (more than one may apply)				
Electricity	100.00	100.00	100.00	100.00
Natural gas	74.26	76.46	76.66	79.11
Propane ^e	10.04	11.81	11.54	10.25
Wood	8.18	10.12	10.12	9.25
Fuel oil or kerosene	1.53	1.54	1.51	1.25
Distributed solar generation				
Yes	1.06	1.32	1.26	1.30
No	76.19	87.81	87.26	88.93
Not asked (apartments)	22.75	10.88	11.48	9.78
Main space heating fuel				
Natural gas	69.55	72.52	72.94	75.58
Electricity	19.22	14.96	15.13	14.31
Fuel oil or kerosene	1.04	1.02	0.99	0.80
Propane	7.83	9.16	8.94	7.94
Wood	1.90	2.07	2.00	1.28
Some other fuel ^f	Q	Q	Q	Q
Do not use heating equipment	0.45	0.27	0.00	0.08
Air-conditioning equipment				
Uses air-conditioning equipment	93.34	94.56	94.72	100.00
Does not use air-conditioning equipment	6.66	5.44	5.28	0.00
Fuel used by main water heater				
Natural gas	59.78	62.68	63.18	65.84
Electricity	35.69	31.73	31.30	29.31
Propane	4.07	5.17	5.08	4.53
Fuel oil or kerosene	Q	Q	Q	Q
Some other fuel ^f	Q	Q	Q	Q

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	Percentage of		Percentage of total square footage	
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	100.00	100.00	100.00	100.00
Indoor light bulbs used at least 4 hours a day				
0 to 2	36.93	33.48	33.22	32.54
3 to 5	27.31	25.02	24.83	24.67
6 to 9	18.45	19.75	19.78	19.74
10 to 19	13.60	16.39	16.68	16.86
20 or more	3.71	5.37	5.49	6.18
Total number of rooms (excluding bathrooms)				
1 or 2	2.75	0.91	0.98	0.84
3	6.46	2.74	2.75	2.13
4	11.58	6.49	6.44	5.68
5	15.47	12.23	12.04	10.99
6	18.57	17.84	17.36	17.02
7	14.68	15.79	15.64	16.00
8	11.96	14.68	14.82	15.06
9 or more	18.53	29.31	29.97	32.27
Number of bedrooms				
0	1.27	0.41	0.43	0.37
1	10.49	4.56	4.65	3.55
2	24.71	17.63	17.28	15.79
3	40.03	42.65	42.50	42.69
4	18.34	25.83	25.94	27.78
5 or more	5.17	8.92	9.20	9.83
Basement				
Yes	57.81	73.90	72.75	74.70
Finished basement	33.42	43.48	44.88	48.07
Unfinished basement	24.40	30.42	27.87	26.62
No	15.83	13.12	13.55	13.49
Not asked (apartments and mobile homes)	26.35	12.98	13.70	11.82
Adequacy of insulation				
Well insulated	26.40	31.14	31.73	33.34
Adequately insulated	54.65	53.33	53.29	54.12
Poorly insulated	16.62	14.05	13.58	11.47
No insulation	2.33	1.47	1.41	1.07

Table HC10.3 Total square footage of Midwest homes, 2020

	Percentage of all housing units		Percentage of total square footage	
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	100.00	100.00	100.00	100.00
Type of glass in windows				
Single-pane glass	30.84	25.44	24.62	22.51
Double-pane glass	67.06	71.99	72.75	74.81
Triple-pane glass	2.10	2.58	2.63	2.68
Number of household members				
1 member	28.62	22.12	22.01	20.67
2 members	38.49	40.92	40.82	41.38
3 members	13.38	14.19	14.20	14.32
4 members	11.39	13.32	13.56	13.85
5 members	5.03	5.90	5.83	6.03
6 or more members	3.08	3.55	3.57	3.75
2020 annual household income				
Less than \$5,000	3.75	2.31	2.18	1.59
\$5,000 to \$9,999	3.38	1.95	1.88	1.43
\$10,000 to \$19,999	8.52	6.24	5.93	4.49
\$20,000 to \$39,999	19.47	15.94	15.72	14.54
\$40,000 to \$59,999	15.84	14.41	14.20	13.67
\$60,000 to \$99,999	23.73	24.31	24.33	25.23
\$100,000 to \$149,999	13.71	16.82	17.13	18.58
\$150,000 or more	11.60	18.03	18.63	20.48

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	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	100.00	100.00	100.00	100.00
Ownership of housing unit^c				
Owned	72.04	84.05	84.11	86.82
Rented	27.96	15.95	15.89	13.18

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

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^a *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.

^b 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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^f *Some other fuel* includes coal and district steam.

^g *Rented* includes households that occupy their primary housing unit without paying rent.

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N = No households in reporting sample.

Data release date: March 2023

Relative standard errors (RSEs) for Table HC10.3 Total square footage of Midwest homes, 2020

	RSEs for number of housing units (million)	RSEs for total square footage		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	0.00	0.75	0.89	1.24
Census division				
East North Central	0.00	1.05	1.16	1.58
West North Central	0.00	1.02	1.10	1.46
Census urban/rural classification^c				
Urban	0.97	1.45	1.57	1.71
Urbanized area	1.23	1.79	1.90	1.99
Urban cluster	4.97	5.28	5.40	5.53
Rural	3.21	3.18	3.16	3.52
Climate region^d				
Very cold/Cold	0.49	1.07	1.14	1.55
Mixed-humid	2.18	3.44	3.43	3.56
Mixed-dry/Hot-dry	0.00	0.00	0.00	0.00
Hot-humid	0.00	0.00	0.00	0.00
Marine	0.00	0.00	0.00	0.00
Housing unit type				
Single-family detached	0.00	0.88	1.04	1.39
Single-family attached	0.00	1.94	2.22	3.55
Apartments in buildings with 2–4 units	0.00	3.27	3.30	7.09
Apartments in buildings with 5 or more units	0.00	1.97	2.21	3.59
Mobile homes	0.00	3.30	3.67	6.72
Year of construction				
Before 1950	0.00	2.33	2.28	3.72
1950 to 1959	0.00	2.89	2.91	4.36
1960 to 1969	0.00	3.73	4.02	5.04
1970 to 1979	0.00	2.43	2.44	2.92
1980 to 1989	0.00	3.26	3.19	4.20
1990 to 1999	0.00	2.54	2.65	3.00
2000 to 2009	0.00	3.27	3.26	3.74
2010 to 2015	5.76	7.63	7.74	7.82
2016 to 2020	6.83	8.59	8.56	8.51

Relative standard errors (RSEs) for Table HC10.3 Total square footage of Midwest homes, 2020

	RSEs for number of housing units (million)	RSEs for total square footage		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	0.00	0.75	0.89	1.24
Number of stories				
1 story	1.81	2.24	2.33	2.45
2 stories	2.38	2.68	2.74	3.16
3 or more stories	12.06	13.59	13.75	14.81
Split-level	8.56	9.40	9.61	9.76
Not asked (apartments and mobile homes)	0.00	1.43	1.50	3.02
Fuels used for any use (more than one may apply)				
Electricity	0.00	0.75	0.89	1.24
Natural gas	1.07	1.52	1.66	1.87
Propane ^e	4.97	5.64	5.38	5.97
Wood	6.11	6.91	6.76	7.30
Fuel oil or kerosene	14.96	15.82	15.60	19.32
Distributed solar generation				
Yes	16.78	17.65	18.10	19.83
No	0.23	0.88	1.00	1.33
Not asked (apartments)	0.00	1.67	1.80	3.54
Main space heating fuel				
Natural gas	1.34	1.65	1.79	1.95
Electricity	4.18	4.72	4.77	5.44
Fuel oil or kerosene	20.23	20.80	20.71	26.57
Propane	6.23	7.43	7.14	7.73
Wood	13.66	15.34	15.55	21.17
Some other fuel ^f	100.27	100.27	100.27	100.27
Do not use heating equipment	32.69	32.97	0.00	47.67
Air-conditioning equipment				
Uses air-conditioning equipment	0.54	1.00	1.07	1.24
Does not use air-conditioning equipment	7.63	9.38	9.78	0.00

Relative standard errors (RSEs) for Table HC10.3 Total square footage of Midwest homes, 2020

	RSEs for number of housing units (million)	RSEs for total square footage		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	0.00	0.75	0.89	1.24
Fuel used by main water heater				
Natural gas	1.51	1.95	2.04	2.23
Electricity	2.43	2.78	2.77	3.16
Propane	8.84	9.63	9.84	10.42
Fuel oil or kerosene	41.65	42.03	42.64	58.84
Some other fuel ^f	32.86	38.35	38.98	45.77
Indoor light bulbs used at least 4 hours a day				
0 to 2	2.86	3.15	3.22	3.72
3 to 5	3.11	3.49	3.49	3.66
6 to 9	3.92	4.30	4.29	4.75
10 to 19	4.57	4.29	4.25	4.93
20 or more	9.24	9.30	9.34	9.91
Total number of rooms (excluding bathrooms)				
1 or 2	11.20	12.45	12.42	12.62
3	7.34	7.92	7.33	8.87
4	5.79	6.58	6.47	7.59
5	4.15	4.28	4.35	5.13
6	4.04	3.96	4.13	4.54
7	3.74	4.18	4.11	4.36
8	4.67	4.80	4.87	5.45
9 or more	2.97	3.33	3.41	3.40
Number of bedrooms				
0	17.55	17.20	17.27	19.53
1	5.13	5.62	5.52	6.82
2	2.86	3.24	3.17	4.04
3	2.14	2.45	2.61	2.68
4	4.31	4.45	4.41	4.55
5 or more	6.94	6.88	6.90	7.00

Relative standard errors (RSEs) for Table HC10.3 Total square footage of Midwest homes, 2020

	RSEs for number of housing units (million)	RSEs for total square footage		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	0.00	0.75	0.89	1.24
Basement				
Yes	0.90	1.27	1.45	1.74
Finished basement	1.94	2.24	2.33	2.53
Unfinished basement	2.41	3.14	3.27	3.85
No	3.28	3.80	3.89	4.18
Not asked (apartments and mobile homes)	0.00	1.43	1.50	3.02
Adequacy of insulation				
Well insulated	3.29	3.56	3.68	3.73
Adequately insulated	1.87	2.35	2.36	2.71
Poorly insulated	3.87	5.16	5.26	5.77
No insulation	14.05	14.31	15.19	16.35
Type of glass in windows				
Single-pane glass	3.11	3.74	3.55	4.16
Double-pane glass	1.47	1.53	1.65	1.71
Triple-pane glass	10.13	12.03	12.26	13.44
Number of household members				
1 member	3.09	3.84	3.91	4.23
2 members	2.28	2.60	2.64	2.70
3 members	4.59	5.38	5.23	5.72
4 members	5.39	6.59	6.81	6.21
5 members	7.66	8.43	8.58	7.84
6 or more members	12.00	11.58	11.55	11.88
2020 annual household income				
Less than \$5,000	10.86	11.92	12.05	14.08
\$5,000 to \$9,999	11.72	11.56	12.51	15.50
\$10,000 to \$19,999	6.55	6.96	7.06	9.81
\$20,000 to \$39,999	3.87	4.27	4.00	4.89
\$40,000 to \$59,999	4.29	4.84	4.79	5.68
\$60,000 to \$99,999	3.08	3.60	3.25	3.65
\$100,000 to \$149,999	4.72	4.85	4.88	5.09
\$150,000 or more	5.18	5.32	5.29	5.42

Relative standard errors (RSEs) for Table HC10.3 Total square footage of Midwest homes, 2020

	RSEs for number of housing units (million)	RSEs for total square footage		
	Total Midwest ^a	Total ^b	Heated	Cooled
All homes	0.00	0.75	0.89	1.24
Ownership of housing unit^e				
Owned	0.87	1.16	1.27	1.58
Rented	2.25	3.11	2.94	3.90

Data 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.

^a *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.

^b 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.

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

^f *Some other fuel* includes coal and district steam.

^g *Rented* includes households that occupy their primary housing unit without paying rent.