

Table CE2.8 Annual household fuel expenditures in the Midwest—totals and averages, 2015

	Number of housing units (million)	Total energy expenditures ¹ (billion dollars)					Average energy expenditures ¹ (dollars per household using the fuel)				
		Total Midwest ²	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
All homes	26.4	46.42	31.50	13.00	1.78	Q	1,760	1,194	661	774	670
Census division											
East North Central	18.1	31.88	21.29	9.38	1.13	Q	1,762	1,176	677	889	Q
West North Central	8.3	14.54	10.21	3.62	0.65	Q	1,757	1,234	623	633	Q
Census urban/rural classification³											
Urban	20.7	34.11	22.38	11.45	0.20	Q	1,644	1,078	659	515	Q
Urbanized area	17.2	28.01	18.25	9.57	0.11	Q	1,629	1,061	669	451	Q
Urban cluster	3.5	6.10	4.12	1.88	Q	Q	1,718	1,162	614	Q	Q
Rural	5.6	12.31	9.12	1.55	1.58	Q	2,189	1,622	679	827	Q
Metropolitan or micropolitan statistical area											
In metropolitan statistical area	21.3	36.65	24.36	11.08	1.12	Q	1,723	1,145	662	825	Q
In micropolitan statistical area	3.3	6.20	4.45	1.40	0.35	Q	1,855	1,332	653	769	Q
Not in metropolitan or micropolitan statistical area	1.8	3.57	2.69	0.53	0.31	Q	2,026	1,526	672	638	Q
Climate region⁴											
Very cold/Cold	21.2	35.94	23.80	10.69	1.33	Q	1,695	1,122	652	774	Q
Mixed-humid	5.2	10.48	7.70	2.31	0.45	Q	2,028	1,491	707	773	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

Table CE2.8 Annual household fuel expenditures in the Midwest—totals and averages, 2015

	Number of housing units (million)	Total energy expenditures ¹ (billion dollars)					Average energy expenditures ¹ (dollars per household using the fuel)				
		Total Midwest ²	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
All homes	26.4	46.42	31.50	13.00	1.78	Q	1,760	1,194	661	774	670
Housing unit type											
Single-family detached	18.2	36.86	24.22	10.82	1.68	Q	2,030	1,334	746	820	Q
Single-family attached	1.3	1.94	1.29	0.64	N	N	1,513	1,011	612	N	N
Apartments in buildings with 2–4 units	2.0	2.30	1.64	0.65	Q	N	1,175	833	501	Q	N
Apartments in buildings with 5 or more units	4.0	3.60	2.92	0.66	Q	Q	903	731	276	Q	Q
Mobile homes	1.0	1.72	1.43	0.22	Q	Q	1,752	1,458	558	Q	Q
Ownership of housing unit											
Owned	17.8	35.49	23.65	10.14	1.61	Q	1,999	1,332	732	799	Q
Single-family	16.4	33.49	22.12	9.69	1.59	Q	2,038	1,346	743	837	Q
Apartments	0.6	0.73	0.48	0.25	N	N	1,292	855	547	N	N
Mobile homes	0.8	1.27	1.04	0.21	Q	Q	1,685	1,384	552	Q	Q
Rented ⁵	8.6	10.93	7.85	2.86	0.17	Q	1,268	911	493	599	Q
Single-family	3.0	5.31	3.40	1.78	Q	Q	1,764	1,130	706	Q	Q
Apartments	5.4	5.18	4.07	1.07	Q	Q	961	755	328	Q	Q
Mobile homes	Q	Q	Q	Q	Q	N	Q	Q	Q	Q	N

Table CE2.8 Annual household fuel expenditures in the Midwest—totals and averages, 2015

	Number of housing units (million)	Total energy expenditures ¹ (billion dollars)					Average energy expenditures ¹ (dollars per household using the fuel)				
		Total Midwest ²	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
All homes	26.4	46.42	31.50	13.00	1.78	Q	1,760	1,194	661	774	670
Year of construction											
Before 1950	6.2	11.48	7.17	3.74	0.49	Q	1,845	1,152	703	793	Q
1950 to 1959	3.3	5.52	3.49	1.93	Q	Q	1,686	1,066	664	Q	Q
1960 to 1969	3.0	4.75	3.13	1.51	0.07	Q	1,589	1,047	651	351	Q
1970 to 1979	4.0	6.80	4.69	1.78	0.33	Q	1,716	1,183	647	1,100	Q
1980 to 1989	2.7	4.58	3.38	1.04	0.15	Q	1,701	1,257	627	765	Q
1990 to 1999	3.5	6.54	4.67	1.45	0.42	N	1,878	1,342	653	780	N
2000 to 2009	3.1	5.64	4.09	1.38	0.17	Q	1,806	1,310	637	827	Q
2010 to 2015	0.6	1.11	0.88	0.18	Q	N	1,774	1,401	548	Q	N
Total square footage⁶											
Fewer than 1,000	5.1	5.29	3.95	1.22	Q	Q	1,028	768	368	Q	Q
1,000 to 1,499	4.0	5.78	4.29	1.40	0.09	Q	1,430	1,060	561	416	Q
1,500 to 1,999	3.4	6.48	4.41	1.84	0.23	N	1,889	1,285	675	679	N
2,000 to 2,499	3.7	7.03	4.46	2.13	0.43	Q	1,905	1,208	723	956	Q
2,500 to 2,999	3.1	6.09	3.97	1.82	0.20	Q	1,958	1,274	728	769	Q
3,000 or greater	6.9	15.75	10.43	4.59	0.72	Q	2,266	1,501	809	824	Q
Number of household members											
1 member	6.9	8.80	5.73	2.91	0.15	Q	1,283	836	560	463	Q
2 members	9.7	17.44	12.01	4.55	0.78	Q	1,794	1,236	660	694	Q
3 members	3.9	7.53	4.97	2.22	0.35	Q	1,914	1,262	685	1,171	Q
4 members	3.4	7.01	4.82	1.94	0.25	Q	2,054	1,412	740	802	Q
5 members	1.5	3.48	2.45	0.78	Q	Q	2,325	1,640	781	Q	Q
6 or more members	1.0	2.17	1.51	0.60	Q	N	2,273	1,588	854	Q	N

Table CE2.8 Annual household fuel expenditures in the Midwest—totals and averages, 2015

	Number of housing units (million)	Total energy expenditures ¹ (billion dollars)					Average energy expenditures ¹ (dollars per household using the fuel)				
		Total Midwest ²	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
All homes	26.4	46.42	31.50	13.00	1.78	Q	1,760	1,194	661	774	670
2015 annual household income											
Less than \$20,000	4.6	6.02	4.27	1.63	0.11	Q	1,320	937	529	385	Q
\$20,000 to \$39,999	6.6	10.34	6.87	3.13	0.34	Q	1,571	1,043	636	801	Q
\$40,000 to \$59,999	4.2	7.06	4.77	1.89	0.35	Q	1,675	1,133	646	765	Q
\$60,000 to \$79,999	3.9	7.36	4.97	2.00	0.32	Q	1,872	1,265	654	777	Q
\$80,000 to \$99,999	2.3	4.68	3.11	1.29	Q	Q	1,996	1,324	699	987	Q
\$100,000 to \$119,999	1.6	3.52	2.44	0.86	Q	Q	2,205	1,532	735	797	Q
\$120,000 to \$139,999	1.2	2.86	2.01	0.76	Q	N	2,294	1,612	760	Q	N
\$140,000 or more	1.9	4.58	3.05	1.44	Q	N	2,418	1,607	875	Q	N
Payment method for energy bills											
All paid by household	24.0	44.09	29.89	12.34	1.75	Q	1,840	1,247	694	790	Q
Some paid by household, some included in rent or condo fee	1.5	1.36	0.93	0.36	Q	Q	910	622	291	Q	Q
All included in rent or condo fee	0.7	0.77	0.54	0.23	N	N	1,050	734	472	N	N
Some other method	Q	Q	Q	Q	Q	N	Q	Q	Q	Q	N
Main heating fuel											
Natural gas	18.7	32.93	20.12	12.79	Q	Q	1,761	1,076	684	Q	Q
Electricity	5.4	8.20	7.93	0.16	0.10	N	1,509	1,460	196	251	N
Fuel oil/kerosene	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Propane	1.5	4.03	2.47	N	1.56	N	2,629	1,611	N	1,019	N

Table CE2.8 Annual household fuel expenditures in the Midwest—totals and averages, 2015

	Number of housing units (million)	Total energy expenditures ¹ (billion dollars)					Average energy expenditures ¹ (dollars per household using the fuel)				
		Total Midwest ²	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
All homes	26.4	46.42	31.50	13.00	1.78	Q	1,760	1,194	661	774	670

¹Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded.

²Total 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.

³Housing 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. Urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

⁴These climate regions were created by the Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE).

⁵Rented includes households that occupy their primary housing units without paying rent.

⁶Total 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 for some housing units was calculated based on measurements taken by the interviewer. For households responding without the presence of an interviewer, square footage was imputed based on characteristics of the housing unit. See 2015 RECS Square Footage Methodology for full details about data collection and processing.

Q = Data withheld because either the Relative Standard Error (RSE) was greater than 50% or fewer than 10 cases responded.

N = No cases responded.

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

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-457A, C, D, E, F, G of the 2015 Residential Energy Consumption Survey.