

## Average annual quantities of fuels used for space heating in Wisconsin

County	No. of Occupied Housing Units	Natural Gas (Mcf)	Propane (gal)	Electricity (MW)	Fuel oil (gal)	Wood pellets* (tons)	Seasoned cordwood* (cords)
Adams	7,829	118,726	3,206,784	13,615	44,545	4,980	4,407
Ashland	6,741	254,483	896,806	13,199	67,323	4,379	3,876
Barron	19,029	566,773	3,797,148	52,743	386,729	9,632	8,524
Bayfield	6,949	115,051	2,119,357	13,494	221,205	5,794	5,127
Brown	99,705	5,495,794	2,978,360	235,911	627,676	6,991	6,187
Buffalo	5,783	71,377	1,922,301	15,575	315,863	3,225	2,854
Burnett	7,288	99,150	2,695,243	14,725	115,918	5,721	5,063
Calumet	18,606	929,664	1,274,027	32,329	433,805	3,595	3,182
Chippewa	24,643	751,858	4,605,479	71,405	791,681	9,640	8,532
Clark	12,882	313,563	2,702,482	23,137	524,919	10,463	9,259
Columbia	22,571	851,149	3,914,577	53,887	348,765	6,343	5,614
Crawford	6,607	224,801	1,017,452	13,337	120,473	4,660	4,124
Dane	208,749	10,046,518	8,306,109	833,650	1,188,534	11,383	10,073
Dodge	32,979	1,366,475	4,044,071	82,921	720,308	8,034	7,110
Door	13,154	348,120	3,733,607	29,363	394,828	3,804	3,367
Douglas	18,598	717,442	2,749,936	49,170	377,618	5,402	4,780
Dunn	16,460	349,604	3,940,315	61,501	437,854	8,252	7,302
Eau Claire	40,072	1,560,323	3,229,305	170,542	1,054,394	6,658	5,893
Florence	1,844	50,388	420,654	1,700	37,964	1,781	1,576
Fond du Lac	41,290	1,759,542	4,044,875	116,742	1,136,397	6,411	5,674
Forest	3,717	85,228	1,056,863	4,700	41,508	3,331	2,948
Grant	19,472	611,649	2,999,272	50,575	1,038,196	8,120	7,186
Green	14,748	509,531	3,011,337	26,467	607,428	3,574	3,163
Green Lake	7,898	308,969	1,244,268	14,898	82,003	3,221	2,850
Iowa	9,656	284,800	1,920,692	17,257	406,977	5,487	4,856
Iron	2,958	82,896	533,258	6,573	86,052	2,237	1,979
Jackson	8,038	182,682	2,172,441	17,483	253,095	4,601	4,072
Jefferson	32,267	1,487,604	2,894,712	93,692	409,002	4,712	4,170
Juneau	10,074	219,360	2,947,796	20,466	169,067	6,590	5,832
Kenosha	62,573	3,669,257	1,239,442	123,332	382,680	2,795	2,473
Kewaunee	8,125	264,094	1,708,354	9,088	399,890	3,178	2,812
La Crosse	46,303	2,060,737	2,172,441	191,528	789,150	5,802	5,135
Lafayette	6,612	167,841	1,389,043	12,678	503,659	3,046	2,696
Langlade	8,742	321,195	1,422,020	13,944	167,549	4,652	4,117
Lincoln	12,483	430,522	2,251,264	22,217	193,365	7,600	6,726
Manitowoc	33,917	1,654,314	3,238,956	58,362	600,848	6,343	5,614
Marathon	53,392	2,227,306	5,754,838	101,756	1,374,306	20,469	18,115
Marinette	18,419	607,479	3,744,867	29,051	269,799	11,694	10,349

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Marquette	6,322	155,403	1,917,475	9,088	45,051	4,179	3,698
Menominee	1,238	2,897	578,299	1,041	23,791	1,529	1,353
Milwaukee	381,446	21,528,909	6,137,690	987,542	3,201,146	4,430	3,921
Monroe	17,727	559,212	3,308,931	46,239	398,878	8,205	7,261
Oconto	15,441	471,016	3,727,977	20,535	302,195	8,188	7,246
Oneida	15,519	649,104	2,770,044	22,530	75,929	5,487	4,856
Outagamie	70,144	3,510,532	4,090,721	168,912	1,299,390	7,779	6,884
Ozaukee	34,319	1,862,155	1,234,616	86,112	428,743	1,823	1,614
Pepin	3,027	52,578	918,522	6,174	102,757	2,134	1,889
Pierce	15,198	467,553	3,178,633	48,580	267,775	4,375	3,872
Polk	18,225	406,353	5,556,173	41,660	264,231	9,939	8,795
Portage	27,954	1,143,229	3,349,147	65,404	435,323	9,602	8,498
Price	6,654	166,852	1,327,916	11,499	134,647	7,072	6,258
Racine	75,078	4,249,316	1,682,617	167,195	871,659	3,536	3,129
Richland	7,489	178,230	1,999,515	11,204	135,659	5,947	5,263
Rock	63,385	3,197,959	4,229,866	165,721	594,267	6,901	6,107
Rusk	6,306	124,450	1,898,172	9,088	178,685	5,244	4,641
St. Croix	32,199	1,379,125	4,421,292	86,060	335,098	4,890	4,328
Sauk	25,400	925,141	4,001,442	74,440	370,531	8,546	7,563
Sawyer	7,439	106,853	2,959,861	12,956	70,867	5,559	4,920
Shawano	17,019	510,591	3,219,653	20,587	617,552	12,137	10,741
Sheboygan	46,433	2,415,642	3,035,466	96,709	553,772	5,133	4,543
Taylor	8,784	162,046	2,125,791	18,731	344,209	8,311	7,355
Trempealeau	11,776	399,710	1,713,180	27,438	492,017	5,380	4,762
Vernon	11,815	269,606	2,815,085	19,737	340,666	10,360	9,169
Vilas	10,552	341,195	2,577,814	20,657	58,718	4,473	3,959
Walworth	39,846	2,119,747	2,209,440	88,246	353,827	3,885	3,438
Washburn	7,259	126,853	2,503,817	13,407	138,190	5,069	4,486
Washington	52,554	2,652,104	2,681,570	140,520	947,588	5,508	4,875
Waukesha	153,882	8,657,852	2,132,226	378,166	2,247,484	5,798	5,131
Waupaca	21,262	712,424	4,323,166	37,081	492,523	9,112	8,064
Waushara	9,786	229,183	2,720,176	19,304	142,239	6,271	5,549
Winnebago	68,484	3,556,821	2,634,115	191,598	595,786	5,572	4,931
Wood	32,115	1,370,503	3,342,712	62,871	1,117,161	9,755	8,633
<b>STATEWIDE TOTAL</b>	<b>2,293,250</b>	<b>105,827,406</b>	<b>200,623,869</b>	<b>5,890,044</b>	<b>35,099,721</b>	<b>446,729</b>	<b>395,345</b>

\* Wood source (pellets or cordwood) not specified in RECS, therefore fuel quantities calculated for both fuel types

Calculations based on net heating values from USFS Forest Products Laboratory Fuel Value Calculator and conversion factor for natural gas of 1 therm = 99.9761 cf.

Average annual energy used to heat WI homes is 58 million BTU based on the US EIA's Residential Energy Consumption Survey (RECS) 2009.