

**Table 1.9 Heating Degree Days by Census Division**

	New England <sup>a</sup>	Middle Atlantic <sup>b</sup>	East North Central <sup>c</sup>	West North Central <sup>d</sup>	South Atlantic <sup>e</sup>	East South Central <sup>f</sup>	West South Central <sup>g</sup>	Mountain <sup>h</sup>	Pacific <sup>i</sup>	United States
1950 Total	6,794	6,324	7,027	7,455	3,521	3,547	2,277	6,341	3,906	5,367
1955 Total	6,872	6,231	6,486	6,912	3,508	3,513	2,294	6,704	4,320	5,246
1960 Total	6,828	6,391	6,908	7,184	3,780	4,134	2,767	6,281	3,799	5,404
1965 Total	7,029	6,393	6,587	6,932	3,372	3,501	2,237	6,086	3,819	5,146
1970 Total	7,022	6,388	6,721	7,090	3,452	3,823	2,558	6,119	3,726	5,218
1975 Total	6,547	5,892	6,406	6,880	2,970	3,437	2,312	6,260	4,117	4,905
1980 Total	7,071	6,477	6,975	6,836	3,378	3,964	2,494	5,554	3,539	5,080
1985 Total	6,749	5,971	6,668	7,262	2,899	3,660	2,535	6,059	3,935	4,889
1990 Total	5,987	5,252	5,780	6,137	2,307	2,942	1,968	5,391	3,603	4,180
1995 Total	6,684	6,093	6,740	6,911	2,988	3,648	2,147	5,101	3,269	4,640
2000 Total	6,625	5,999	6,315	6,500	2,905	3,551	2,153	4,971	3,460	4,494
2001 Total	6,202	5,541	5,844	6,221	2,604	3,327	2,162	5,004	3,545	4,257
2002 Total	6,234	5,550	6,128	6,485	2,664	3,443	2,292	5,197	3,510	4,356
2003 Total	6,975	6,258	6,536	6,593	2,884	3,559	2,205	4,817	3,355	4,544
2004 Total	6,709	5,892	6,178	6,329	2,715	3,291	2,041	5,010	3,346	4,344
2005 Total	6,644	5,950	6,222	6,213	2,775	3,380	1,985	4,896	3,377	4,348
2006 Total	5,885	5,211	5,703	5,821	2,475	3,211	1,802	4,915	3,557	4,040
2007 Total	6,537	5,756	6,074	6,384	2,525	3,187	2,105	4,939	3,506	4,268
2008 Total	6,434	5,782	6,677	7,118	2,712	3,600	2,125	5,233	3,566	4,494
2009 Total	6,644	5,922	6,512	6,841	2,812	3,536	2,152	5,139	3,538	4,481
2010 Total	5,934	5,553	6,185	6,565	3,167	3,948	2,449	5,082	3,624	4,463
2011 Total	6,114	5,483	6,172	6,565	2,565	3,343	2,114	5,322	3,818	4,312
2012 Total	5,561	4,970	5,356	5,515	2,306	2,876	1,650	4,574	3,411	3,769
2013 Total	6,426	5,838	6,621	7,135	2,736	3,648	2,326	5,273	3,362	4,465
2014 Total	6,675	6,203	7,194	7,304	2,951	3,932	2,422	4,744	2,774	4,550
<b>2015</b> January	1,336	1,260	1,334	1,266	643	835	623	818	471	890
February	1,412	1,318	1,404	1,305	666	864	498	600	334	867
March	1,101	1,002	951	802	357	445	279	484	285	584
April	588	481	454	398	131	147	55	396	295	300
May	147	100	159	215	22	37	14	268	208	119
June	84	30	45	40	1	1	0	42	26	24
July	7	4	12	12	0	0	0	24	8	6
August	8	8	24	33	0	1	0	21	13	11
September	43	27	39	50	8	13	1	78	58	32
October	459	391	365	355	143	164	42	247	111	227
November	610	529	604	650	236	312	218	686	471	445
December	725	625	775	960	279	401	357	937	619	581
<b>Total</b>	<b>6,521</b>	<b>5,775</b>	<b>6,166</b>	<b>6,088</b>	<b>2,486</b>	<b>3,220</b>	<b>2,088</b>	<b>4,600</b>	<b>2,899</b>	<b>4,086</b>
<b>2016</b> January	R 1,130	R 1,120	R 1,241	R 1,303	659	R 856	564	R 917	R 568	R 871
February	R 958	R 901	R 957	936	482	573	R 309	R 621	R 341	R 628
March	R 757	R 645	R 670	654	R 240	R 322	R 180	542	393	R 450
April	R 605	R 515	506	R 425	151	R 162	62	R 383	R 244	R 310
May	R 254	214	R 221	208	58	R 70	17	R 255	179	R 151
June	R 46	22	25	28	1	0	0	42	44	21
July	4	1	3	11	0	0	0	15	19	6
August	5	1	5	17	0	0	0	31	12	6
September	69	37	40	75	2	5	1	115	65	39
October	390	317	R 285	R 304	91	89	22	265	R 199	197
November	672	R 608	R 582	569	R 290	R 338	R 155	R 514	331	418
December	R 1,057	R 975	R 1,165	R 1,257	R 478	R 671	R 445	R 925	626	783
<b>Total</b>	<b>R 5,947</b>	<b>R 5,356</b>	<b>R 5,701</b>	<b>R 5,786</b>	<b>R 2,452</b>	<b>R 3,086</b>	<b>R 1,756</b>	<b>R 4,624</b>	<b>R 3,023</b>	<b>R 3,878</b>
<b>2017</b> January	R 1,043	R 973	R 1,082	R 1,211	R 476	578	R 418	R 962	667	767
February	R 907	R 778	R 775	817	R 323	R 408	209	627	R 495	R 547
March	1,042	909	834	782	347	385	147	469	394	543
<b>3-Month Total</b>	<b>2,992</b>	<b>2,661</b>	<b>2,690</b>	<b>2,810</b>	<b>1,146</b>	<b>1,371</b>	<b>773</b>	<b>2,058</b>	<b>1,556</b>	<b>1,857</b>
<b>2016 3-Month Total</b>	<b>2,845</b>	<b>2,667</b>	<b>2,869</b>	<b>2,893</b>	<b>1,381</b>	<b>1,752</b>	<b>1,053</b>	<b>2,080</b>	<b>1,303</b>	<b>1,949</b>
<b>2015 3-Month Total</b>	<b>3,849</b>	<b>3,580</b>	<b>3,689</b>	<b>3,374</b>	<b>1,666</b>	<b>2,143</b>	<b>1,400</b>	<b>1,902</b>	<b>1,090</b>	<b>2,341</b>

<sup>a</sup> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>b</sup> New Jersey, New York, and Pennsylvania.

<sup>c</sup> Illinois, Indiana, Michigan, Ohio, and Wisconsin.

<sup>d</sup> Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

<sup>e</sup> Delaware, Florida, Georgia, Maryland (and the District of Columbia), North Carolina, South Carolina, Virginia, and West Virginia.

<sup>f</sup> Alabama, Kentucky, Mississippi, and Tennessee.

<sup>g</sup> Arkansas, Louisiana, Oklahoma, and Texas.

<sup>h</sup> Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

<sup>i</sup> Alaska, California, Hawaii, Oregon, and Washington.

R=Revised.

Notes: • Degree days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Heating degree days are the number of degrees that the daily average temperature falls below 65 degrees Fahrenheit (°F). Cooling degree days are the number of degrees that the

daily average temperature rises above 65°F. The daily average temperature is the mean of the maximum and minimum temperatures in a 24-hour period. For example, a weather station recording an average daily temperature of 40°F would report 25 heating degree days for that day (and 0 cooling degree days). If a weather station recorded an average daily temperature of 78°F, cooling degree days for that station would be 13 (and 0 heating degree days). • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Source: State-level degree day data are from U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Centers for Environmental Information. Using these state-level data, the U.S. Energy Information Administration calculates population-weighted census-division and U.S. degree day averages using state populations from the same year the degree days are measured. See methodology at [http://www.eia.gov/forecasts/steo/special/pdf/2012\\_sp\\_04.pdf](http://www.eia.gov/forecasts/steo/special/pdf/2012_sp_04.pdf).