

**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
2015 Total	6,521	5,777	6,165	6,088	2,487	3,222	2,087	4,602	2,898	4,087
2016 Total	5,929	5,353	5,701	5,786	2,456	3,094	1,752	4,619	3,031	3,878
2017 January	1,038	971	1,082	1,212	476	579	417	962	666	766
February	906	780	776	818	323	409	208	627	496	547
March	1,037	908	834	783	346	387	147	467	392	543
April	451	341	349	401	76	94	52	404	309	248
May	303	233	249	224	47	57	14	235	171	154
June	45	25	27	37	2	3	0	59	50	25
July	9	3	6	10	0	0	0	6	14	5
August	26	18	34	50	1	1	0	27	8	15
September	57	53	64	78	14	24	3	120	45	45
October	237	215	291	363	89	146	59	358	178	193
November	743	699	773	805	322	407	180	489	351	490
December	1,186	1,087	1,197	1,218	535	729	501	815	507	798
<b>Total</b>	<b>6,038</b>	<b>5,332</b>	<b>5,684</b>	<b>5,997</b>	<b>2,231</b>	<b>2,835</b>	<b>1,582</b>	<b>4,568</b>	<b>3,187</b>	<b>3,828</b>
2018 January	R 1,256	R 1,214	R 1,309	1,374	700	R 930	R 659	771	R 459	896
February	869	810	981	1,178	307	R 413	347	747	R 497	R 625
March	R 927	R 913	922	R 870	435	R 475	R 186	603	R 486	609
April	R 676	R 617	703	716	R 206	312	142	380	299	410
May	R 167	108	99	89	12	13	0	R 163	R 177	86
June	63	29	24	23	1	0	0	57	65	27
July	2	1	4	11	0	0	0	9	8	3
August	3	2	8	20	0	0	0	25	R 14	7
September	65	34	48	90	2	R 3	3	R 90	62	38
October	458	R 355	R 421	R 494	99	R 139	R 70	384	R 186	R 254
November	R 820	766	914	R 1,004	380	R 566	373	679	353	594
December	1,028	929	1,004	1,103	489	635	470	R 896	563	731
<b>Total</b>	<b>R 6,333</b>	<b>R 5,780</b>	<b>R 6,437</b>	<b>6,972</b>	<b>2,631</b>	<b>R 3,485</b>	<b>R 2,249</b>	<b>R 4,801</b>	<b>R 3,169</b>	<b>R 4,279</b>
2019 January	1,221	R 1,154	1,304	1,360	R 582	749	547	893	R 544	859
February	R 1,029	R 942	1,064	1,284	377	R 461	357	R 866	R 656	720
March	976	890	R 963	1,002	R 376	507	R 306	R 669	R 488	632
April	R 528	R 411	477	454	110	166	R 78	R 375	R 276	288
May	R 313	R 186	R 238	R 272	16	25	11	315	R 238	R 158
June	54	31	49	46	2	3	0	98	61	34
<b>6-Month Total</b>	<b>4,122</b>	<b>3,613</b>	<b>4,095</b>	<b>4,418</b>	<b>1,464</b>	<b>1,912</b>	<b>1,300</b>	<b>3,215</b>	<b>2,264</b>	<b>2,691</b>
2018 6-Month Total	3,958	3,692	4,038	4,250	1,661	2,143	1,334	2,720	1,983	2,652
2017 6-Month Total	3,779	3,259	3,317	3,474	1,271	1,529	839	2,753	2,084	2,282

<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).