

Table 1.9 Heating Degree Days by Census Division

	New England ^a	Middle Atlantic ^b	East North Central ^c	West North Central ^d	South Atlantic ^e	East South Central ^f	West South Central ^g	Mountain ^h	Pacific ⁱ	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	4,573	3,411	3,769
2013 Total	6,426	5,838	6,621	7,135	2,736	3,648	2,326	5,274	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										
January	1,336	1,260	1,334	1,267	643	836	623	818	470	890
February	1,412	1,318	1,405	1,306	666	864	498	601	334	867
March	1,101	1,002	951	802	357	445	278	484	285	584
April	588	481	454	399	131	147	55	396	295	300
May	148	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	9	24	33	0	1	0	21	13	11
September	43	27	39	50	8	13	1	78	58	32
October	458	391	365	355	143	164	42	247	112	227
November	610	529	603	650	237	313	218	687	471	445
December	726	626	775	960	279	402	358	937	619	581
Total	6,521	5,777	6,166	6,088	2,488	3,222	2,087	4,602	2,899	4,087
2016										
January	R 1,127	R 1,120	R 1,240	R 1,303	R 660	R 857	R 565	R 918	R 569	871
February	R 957	R 901	R 957	R 936	R 482	R 573	R 310	R 620	R 342	628
March	R 755	R 644	R 669	R 654	R 239	R 324	R 179	R 543	R 396	450
April	R 604	R 516	506	424	R 151	R 163	R 61	R 381	R 243	310
May	R 251	R 214	222	R 207	58	R 72	17	254	181	151
June	45	22	R 25	27	1	0	0	42	44	21
July	4	1	R 2	11	0	0	0	15	20	6
August	5	1	5	17	0	0	0	R 31	12	6
September	R 67	38	40	75	2	5	1	R 115	66	39
October	389	317	285	304	91	R 90	22	R 264	R 202	198
November	672	609	582	569	289	R 340	R 155	512	R 332	418
December	R 1,053	R 975	1,166	1,257	479	R 672	R 444	R 927	R 628	783
Total	R 5,926	R 5,357	R 5,701	R 5,785	R 2,454	R 3,094	R 1,755	R 4,622	R 3,035	3,880
2017										
January	R 1,037	R 971	R 1,082	1,211	477	579	R 417	R 962	R 669	767
February	R 906	R 779	775	R 817	R 324	R 409	208	627	500	R 548
March	R 1,039	R 908	835	R 783	348	387	146	R 468	R 393	543
April	452	R 342	R 350	R 401	R 76	R 94	52	R 404	R 310	248
May	R 306	235	R 251	224	47	R 57	14	234	R 171	154
June	R 45	25	28	37	2	3	0	58	51	25
July	9	3	7	10	0	0	0	7	R 14	5
August	27	18	R 35	49	1	1	0	R 27	9	15
September	R 57	R 53	65	78	14	R 24	3	120	R 45	R 145
October	237	215	292	362	89	148	59	357	176	193
10-Month Total ...	4,115	3,549	3,719	3,972	1,376	1,701	900	3,264	2,339	2,543
2016 10-Month Total ...	4,201	3,773	3,953	3,959	1,686	2,082	1,156	3,183	2,075	2,679
2015 10-Month Total ...	5,186	4,622	4,788	4,478	1,972	2,507	1,512	2,978	1,809	3,060

^a Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

^b New Jersey, New York, and Pennsylvania.

^c Illinois, Indiana, Michigan, Ohio, and Wisconsin.

^d Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

^e Delaware, Florida, Georgia, Maryland (and the District of Columbia), North Carolina, South Carolina, Virginia, and West Virginia.

^f Alabama, Kentucky, Mississippi, and Tennessee.

^g Arkansas, Louisiana, Oklahoma, and Texas.

^h Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

ⁱ 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.