

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	4,574	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 January	1,127	1,119	1,241	1,303	659	857	565	918	569	871
February	957	901	957	937	483	574	310	619	341	628
March	754	644	670	653	240	324	179	543	395	450
April	605	515	506	424	152	162	61	381	242	309
May	251	213	221	207	58	71	17	254	181	151
June	45	22	25	27	1	0	0	42	44	21
July	4	1	2	11	0	0	0	15	20	6
August	5	1	5	17	0	0	0	31	12	6
September	67	38	40	75	2	5	1	115	66	39
October	388	316	285	304	91	89	22	265	200	198
November	672	609	582	569	290	339	154	513	331	418
December	1,053	975	1,166	1,257	479	672	444	927	627	783
Total	5,928	5,353	5,701	5,786	2,456	3,094	1,752	4,621	3,029	3,879
2017 January	1,039	971	1,082	1,212	477	R 579	R 419	R 961	R 669	767
February	R 907	778	R 775	817	323	R 410	209	R 629	R 499	548
March	1,039	908	834	783	348	387	R 147	468	394	544
April	R 454	341	R 349	401	76	94	52	405	R 309	248
May	306	R 233	R 250	224	47	57	14	R 234	R 173	154
June	R 46	25	R 27	37	2	3	0	59	R 50	25
July	9	3	7	10	0	0	0	6	14	5
August	26	18	34	49	1	1	0	27	R 8	15
September	R 57	52	R 64	78	14	24	3	121	R 46	R 45
October	237	214	292	363	R 90	R 147	59	R 358	R 178	193
November	R 744	699	774	805	322	R 407	R 179	489	350	490
December	1,189	1,087	1,198	1,218	535	R 726	R 501	R 817	R 502	797
Total	R 6,053	R 5,329	R 5,687	R 5,997	2,234	R 2,834	R 1,583	4,575	R 3,191	R 3,832
2018 January	R 1,257	R 1,214	1,308	R 1,374	R 701	R 930	660	772	R 458	R 896
February	871	811	980	1,177	R 308	411	348	748	R 495	625
March	928	912	R 920	869	435	R 476	R 186	R 604	486	609
April	676	619	704	715	206	313	142	380	298	411
4-Month Total	3,732	3,556	3,913	4,135	1,651	2,129	1,335	2,504	1,738	2,541
2017 4-Month Total	3,438	2,998	3,041	3,213	1,224	1,470	826	2,463	1,871	2,107
2016 4-Month Total	3,443	3,178	3,374	3,318	1,533	1,917	1,114	2,460	1,548	2,258

^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.