

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	310
May	251	213	221	207	58	71	17	254	181	150
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	R 1,038	R 972	1,082	R 1,212	R 477	R 578	R 418	R 964	670	767
February	R 907	R 780	775	R 818	R 323	R 409	R 209	R 627	R 498	548
March	R 1,039	908	834	R 783	R 347	387	147	468	392	543
April	452	R 341	R 349	R 401	76	94	R 51	R 405	R 310	248
May	R 305	R 233	250	224	47	57	14	R 234	171	154
June	R 46	25	27	37	2	4	0	58	R 51	25
July	9	3	7	10	0	0	0	7	14	5
August	27	R 18	34	50	1	1	0	26	9	15
September	57	52	64	78	14	24	3	120	46	45
October	R 238	214	R 292	363	R 90	147	59	R 360	R 177	193
November	R 745	R 700	774	R 806	322	R 407	180	R 490	R 351	R 491
December	R 1,189	1,087	1,198	R 1,219	R 535	727	R 502	818	503	R 798
Total	R 6,050	R 5,333	R 5,687	R 5,999	R 2,233	R 2,834	1,583	R 4,578	3,191	R 3,832
2018 January	R 1,256	1,215	R 1,308	1,373	R 701	929	660	R 773	R 460	897
February	R 869	811	R 981	1,178	307	R 411	348	R 749	494	625
March	R 928	R 913	921	R 870	436	476	186	604	R 488	609
April	R 677	618	703	716	206	R 313	R 142	380	298	411
May	R 169	R 109	99	89	12	13	0	R 163	178	86
June	R 64	29	24	23	1	0	0	57	65	R 27
July	2	1	3	11	0	0	0	9	8	3
7-Month Total	3,964	3,695	4,039	4,260	1,664	2,142	1,336	2,735	1,992	2,658
2017 7-Month Total	3,795	3,262	3,324	3,484	1,272	1,528	839	2,764	2,106	2,291
2016 7-Month Total	3,742	3,414	3,623	3,564	1,592	1,989	1,131	2,771	1,793	2,435

^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.