

Table 1.11 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	6,793	6,313	7,028	7,461	3,495	3,552	2,280	6,320	3,910	5,362
1955 Total	6,872	6,220	6,488	6,918	3,487	3,517	2,295	6,686	4,324	5,242
1960 Total	6,826	6,376	6,909	7,191	3,764	4,139	2,767	6,264	3,806	5,400
1965 Total	7,027	6,379	6,588	6,938	3,358	3,505	2,238	6,067	3,825	5,143
1970 Total	7,022	6,376	6,721	7,094	3,437	3,827	2,561	6,098	3,731	5,214
1975 Total	6,545	5,881	6,407	6,886	2,953	3,441	2,311	6,237	4,120	4,900
1980 Total	7,071	6,463	6,976	6,840	3,361	3,969	2,495	5,534	3,544	5,075
1985 Total	6,750	5,957	6,668	7,269	2,892	3,663	2,537	6,040	3,939	4,886
1990 Total	5,988	5,240	5,779	6,141	2,301	2,947	1,967	5,370	3,610	4,178
1995 Total	6,686	6,079	6,741	6,916	2,984	3,653	2,148	5,079	3,274	4,637
2000 Total	6,624	5,986	6,317	6,504	2,902	3,555	2,152	4,952	3,464	4,491
2005 Total	6,645	5,938	6,224	6,218	2,773	3,384	1,985	4,873	3,383	4,346
2010 Total	5,935	5,539	6,188	6,570	3,163	3,954	2,450	5,060	3,628	4,461
2011 Total	6,113	5,471	6,173	6,569	2,564	3,347	2,113	5,304	3,823	4,312
2012 Total	5,563	4,960	5,356	5,520	2,304	2,880	1,648	4,560	3,418	3,771
2013 Total	6,425	5,827	6,623	7,140	2,736	3,651	2,325	5,262	3,367	4,470
2014 Total	6,676	6,190	7,196	7,308	2,961	3,935	2,421	4,737	2,777	4,558
2015 Total	6,520	5,762	6,165	6,093	2,497	3,224	2,085	4,595	2,902	4,094
2016 Total	5,928	5,339	5,701	5,791	2,464	3,095	1,750	4,617	3,035	3,887
2017 Total	6,037	5,318	5,684	6,003	2,239	2,837	1,580	4,571	3,190	3,838
2018 Total	6,323	5,769	6,434	6,974	2,638	3,479	2,252	4,808	3,172	4,291
2019 Total	6,538	5,736	6,427	7,082	2,392	3,181	2,143	5,309	3,547	4,317
2020 Total	5,822	5,199	5,855	6,326	2,263	3,064	1,812	4,784	3,219	3,914
2021 Total	5,799	5,262	5,747	6,061	2,366	3,166	1,911	4,694	3,338	3,934
2022 January	1,303	1,242	1,391	1,442	644	847	578	888	549	914
February	994	933	1,084	1,194	412	591	498	806	478	712
March	841	758	791	847	286	388	263	608	401	525
April	544	495	567	578	156	217	52	422	337	342
May	187	146	159	185	31	32	4	240	213	122
June	53	27	26	30	1	1	0	69	56	26
July	3	2	3	9	0	0	0	7	10	4
August	3	3	14	18	0	0	0	11	8	6
September	108	67	82	84	13	23	2	66	31	44
October	386	393	425	405	177	240	66	311	140	258
November	614	588	695	825	267	429	298	770	516	511
December	983	980	1,105	1,289	536	671	439	926	627	781
Total	6,019	5,636	6,344	6,905	2,523	3,438	2,200	5,125	3,366	4,245
2023 January	R 926	R 843	R 998	1,183	R 451	578	R 401	967	R 629	R 715
February	R 939	814	881	1,031	R 307	415	331	830	590	622
March	851	R 795	849	R 955	303	R 399	200	778	R 604	586
April	R 469	R 368	441	R 488	116	188	R 86	R 450	R 353	R 297
May	R 282	243	R 216	R 144	65	62	R 7	184	R 189	145
June	R 68	R 44	43	22	R 9	7	0	102	105	43
July	1	1	6	17	0	0	0	11	11	5
August	R 24	13	21	17	0	0	0	19	10	10
September	66	57	67	58	9	14	1	R 100	R 75	46
October	R 288	272	337	R 360	R 111	R 146	47	320	R 172	207
November	R 787	R 714	736	745	326	R 417	R 257	R 580	R 380	505
December	852	789	R 825	R 903	R 453	599	393	R 775	477	624
Total	R 5,553	R 4,953	R 5,421	R 5,924	R 2,150	2,826	1,725	R 5,115	R 3,596	R 3,803
2024 January	R 1,089	R 1,018	R 1,192	1,340	575	853	R 636	923	R 574	R 840
February	R 912	R 830	R 775	R 759	405	452	257	678	R 498	575
March	R 762	R 669	R 690	R 737	R 270	R 358	186	640	R 490	489
April	R 542	R 428	R 393	398	R 111	R 139	46	392	R 347	280
May	R 189	125	134	R 164	24	28	3	256	R 206	113
June	17	9	R 20	35	1	0	0	47	57	20
July	1	1	7	12	0	0	0	11	8	4
August	17	8	13	22	0	0	0	18	R 18	9
September	R 93	R 61	47	54	10	11	2	74	41	37
October	377	306	293	265	109	131	18	229	145	186
10-Month Total ...	3,998	3,455	3,564	3,786	1,505	1,971	1,148	3,267	2,383	2,553
2023 10-Month Total ...	3,914	3,450	3,860	4,276	1,371	1,810	1,075	3,761	2,739	2,674
2022 10-Month Total ...	4,423	4,067	4,544	4,791	1,720	2,338	1,463	3,428	2,223	2,953

^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.

Sources: 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.