

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	3,343	3,443	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 Total	6,038	5,333	5,684	5,997	2,232	2,835	1,582	4,568	3,187	3,828
2018 January	1,257	1,216	1,308	1,373	700	929	660	770	458	896
February	869	813	980	1,178	307	410	348	747	496	625
March	926	913	922	869	435	474	186	604	487	609
April	674	618	703	716	205	312	142	380	299	410
May	168	108	99	89	12	13	0	163	176	85
June	61	29	24	23	1	0	0	56	65	26
July	2	1	4	11	0	0	0	9	8	4
August	3	2	8	20	0	0	0	25	14	7
September	65	34	48	90	2	3	3	89	62	38
October	457	355	420	494	99	138	70	384	187	254
November	818	766	913	1,003	380	566	372	678	354	594
December	1,026	929	1,003	1,103	488	634	472	897	564	732
Total	6,326	5,784	6,433	6,968	2,627	3,478	2,252	4,803	3,169	4,279
2019 January	^R 1,221	1,154	1,303	1,359	^R 583	748	^R 546	893	542	859
February	^R 1,030	^R 942	^R 1,062	^R 1,284	^R 377	459	356	^R 867	^R 654	719
March	976	891	961	1,001	376	505	305	^R 667	^R 488	631
April	^R 528	^R 412	^R 475	454	110	^R 166	78	375	275	288
May	^R 313	188	^R 236	272	16	25	11	^R 314	239	158
June	55	32	49	^R 46	2	3	0	^R 97	59	34
July	2	1	1	8	0	0	0	15	19	5
August	16	10	20	32	0	0	0	17	12	10
September	^R 117	57	42	67	2	1	0	95	^R 63	41
October	^R 389	302	390	^R 526	77	^R 128	^R 85	478	^R 236	254
November	^R 830	^R 790	912	924	392	572	345	^R 616	^R 370	^R 588
December	^R 1,060	^R 972	976	1,097	450	573	^R 418	^R 871	^R 572	715
Total	^R 6,535	^R 5,752	^R 6,428	^R 7,070	2,384	3,180	^R 2,144	^R 5,306	^R 3,530	^R 4,302
2020 January	1,031	957	1,052	1,224	^R 482	^R 635	^R 431	^R 849	563	739
February	^R 924	842	1,002	^R 1,070	396	555	402	764	446	652
March	^R 775	^R 671	734	744	231	293	140	^R 603	^R 524	484
April	^R 654	^R 568	^R 568	533	177	248	^R 89	415	^R 305	358
May	^R 288	^R 252	^R 258	246	74	86	13	^R 186	^R 146	157
June	28	18	23	21	2	3	0	^R 72	69	26
July	1	0	1	6	0	0	0	14	19	5
August	^R 9	4	13	^R 19	0	0	0	9	^R 16	7
September	101	81	112	143	17	19	8	103	29	58
9-Month Total	3,812	3,394	3,763	4,005	1,379	1,838	1,083	3,016	2,118	2,486
2019 9-Month Total	4,256	3,688	4,150	4,523	1,465	1,907	1,297	3,341	2,352	2,745
2018 9-Month Total	4,025	3,733	4,097	4,368	1,661	2,141	1,338	2,844	2,064	2,700

^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