

Mineral Industry Surveys

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CEMENT IN AUGUST 2019

This report provides monthly data on the shipments of cement to final customers and the production of clinker in the United States from January 2018 through August 2019.¹ Data on the imports of cement and clinker for August 2019 also are provided.

Total shipments of portland and blended cement, including imports, in the United States and Puerto Rico in August 2019 were 10.3 million metric tons (Mt), a slight increase from shipments in August 2018 (tables 2A and 2B). Shipments for the year through August totaled 66.9 Mt, an increase of 2.4% from those for the same period in 2018. The leading producing States for portland and blended cement in August 2019 were, in descending order, Texas, Missouri, California, Florida, and Michigan (table 1A), these States accounted for 41% of cement produced. The leading cement-consuming States (Texas, California, Florida, Ohio, and Illinois) received 38% of August shipments (tables 2A and 2B).

Masonry cement shipments totaled 217,000 metric tons in August 2019, a decrease of 7.7% from those in August 2018 (table 2C). Shipments for the year through August totaled 1.6 Mt, a slight decrease from those for the same period in 2018. The leading masonry-cement-consuming States in August 2019 were, in descending order, Florida, Texas, California, North Carolina, and Georgia; these States received 55% of August shipments (table 2C).

Clinker production, excluding Puerto Rico, totaled 7.3 Mt in August 2019, an increase of 3.6% from the output in August

2018 (table 4). Production for the year through August totaled 50.8 Mt, a slight increase from the output for the same period in 2018. The leading clinker-producing States in August 2019 were, in descending order, Texas, Missouri, California, Florida, and Pennsylvania; these States accounted for 48% of clinker produced.

Tables 5, 6, and 7 list import data from the U.S. Census Bureau; however, data for clinker imports into the Seattle, WA, and the Detroit, MI, customs districts do not include material trucked in from Canada on an informal entry basis. Likewise, imports of cement into the El Paso, TX, district may be missing significant informal entries from Mexico. Monthly imports can show significant year-over-year changes for a variety of reasons and commonly do not correlate well with consumption levels in the respective import districts in the same month. August 2019 imports of cement and clinker totaled 1.6 Mt, an increase of 7.4% from imports in August 2018. Imports for the year through August totaled 11.0 Mt, an increase of 8.9% from those for the same period in 2018.

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¹Footnoted revisions to the historical data are those received since the publication of the previous month's edition of this report.

TABLE 1A
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

District	2018						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	86,590	83,844	117,659	158,546	204,449	208,034	193,787
Pennsylvania	166,594	181,364	221,770	283,542	306,678	311,149	320,247
District subtotal ³	253,184	265,208	339,429	442,088	511,127	519,183	514,035
East North Central:							
Illinois	61,848	51,875	71,998	89,229	115,148	104,544	121,439
Indiana, Ohio	125,521	147,583	227,350	274,697	342,755	329,690	331,554
Michigan	104,487	96,422	157,785	211,072	388,062	424,141	442,095
District subtotal ³	291,856	295,879	457,132	574,997	845,965	858,375	895,088
West North Central:							
Iowa, Nebraska, South Dakota	84,717	84,606	134,387	197,318	375,270	371,280	393,796
Kansas	127,238	134,276	185,380	193,864	225,315	219,255	235,926
Missouri	405,297	446,497	679,664	802,068	1,017,823	969,456	972,440
District subtotal ³	617,252	665,379	999,430	1,193,249	1,618,407	1,559,991	1,602,162
South Atlantic:							
Florida	531,289	528,308	570,043	525,433	507,072	535,719	495,231
Georgia, Maryland, Virginia, West Virginia	330,718	377,461	452,732	541,542	552,565	557,264	532,107
Puerto Rico	46,406	51,392	55,594	57,272	60,997	55,462	52,454
South Carolina	172,253	175,226	230,346	241,613	240,105	265,110	257,109
District subtotal ³	1,080,666	1,132,387	1,308,715	1,365,861	1,360,738	1,413,555	1,336,901
East South Central:							
Alabama, Kentucky, Tennessee	379,253	411,456	570,886	601,079	626,389	656,110	639,538
West South Central:							
Arkansas and Oklahoma	205,451	151,139	246,872	204,171	236,656	228,645	211,115
Texas, northern	356,191	311,895	435,569	475,015	517,960	536,980	529,174
Texas, southern	495,591	458,738	627,582	644,538	607,682	488,086	485,287
District subtotal ³	1,057,232	921,772	1,310,022	1,323,724	1,362,298	1,253,712	1,225,575
Mountain and Pacific:							
Arizona and New Mexico	211,862	218,198	277,585	278,932	285,887	280,093	267,956
California	796,156	830,793	804,619	871,006	880,086	895,696	856,805
Colorado and Wyoming	178,137	156,096	219,278	242,188	298,917	306,945	309,847
Montana, Nevada, Oregon, Utah, Washington	260,027	222,224	289,334	326,009	397,237	383,056	394,038
District subtotal ³	1,446,182	1,427,310	1,590,815	1,718,135	1,862,128	1,865,791	1,828,646
U.S. total ³	5,125,625	5,119,393	6,576,430	7,219,133	8,187,053	8,126,716	8,041,946
Imports ⁴	631,061	741,957	822,396	998,561	1,180,986	1,172,590	1,243,695
Grand total ³	5,756,686	5,861,350	7,398,826	8,217,694	9,368,039	9,299,306	9,285,641

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

District	2018					
	August	September	October	November	December	January–December
New England and Middle Atlantic:						
Maine and New York	215,221	197,984	218,942	153,631	120,562	1,959,249
Pennsylvania	340,772	290,513	353,298	260,412	225,821	3,262,160
District subtotal ³	555,994	488,497	572,240	414,043	346,383	5,221,409
East North Central:						
Illinois	143,444	111,299	147,773	103,669	69,888	1,192,153
Indiana, Ohio	371,070	311,765	417,112	280,425	216,919	3,376,440
Michigan	470,197	411,694	449,060	280,092	165,196	3,600,302
District subtotal ³	984,710	834,758	1,013,945	664,186	452,002	8,168,894
West North Central:						
Iowa, Nebraska, South Dakota	423,743	339,517	361,405	211,337	102,924	3,080,300
Kansas	235,950	200,614	233,001	198,919	145,533	2,335,271
Missouri	997,389	887,240	950,910	724,186	546,306	9,399,275
District subtotal ³	1,657,082	1,427,370	1,545,317	1,134,442	794,763	14,814,846
South Atlantic:						
Florida	539,895	481,645	552,760	510,438	457,863	6,235,697
Georgia, Maryland, Virginia, West Virginia	613,049	427,434	621,726	446,030	376,047	5,828,674
Puerto Rico	61,034	48,218	54,341	53,152	45,825	642,148
South Carolina	295,823	252,559	297,560	212,592	174,488	2,814,785
District subtotal ³	1,509,802	1,209,856	1,526,387	1,222,212	1,054,222	15,521,304
East South Central:						
Alabama, Kentucky, Tennessee	698,026	590,398	709,267	487,326	406,040	6,775,768
West South Central:						
Arkansas and Oklahoma	251,133	173,215	210,676	186,657	153,620	2,459,350
Texas, northern	556,262	466,878	425,853	439,753	352,706	5,404,235
Texas, southern	589,428	372,269	465,625	529,701	496,227	6,260,753
District subtotal ³	1,396,824	1,012,362	1,102,154	1,156,111	1,002,553	14,124,339
Mountain and Pacific:						
Arizona and New Mexico	291,612	237,301	250,795	238,747	188,645	3,027,614
California	932,351	854,772	954,609	800,578	702,821	10,180,293
Colorado and Wyoming	345,487	285,448	347,077	263,510	176,183	3,129,113
Montana, Nevada, Oregon, Utah, Washington	425,476	371,181	419,206	337,854	226,579	4,052,221
District subtotal ³	1,994,926	1,748,703	1,971,687	1,640,689	1,294,229	20,389,241
U.S. total ³	8,797,364	7,311,946	8,440,997	6,719,009	5,350,192	85,015,803
Imports ⁴	1,379,935	1,061,227	1,380,658	1,033,340	830,923	12,477,329
Grand total ³	10,177,299	8,373,172	9,821,655	7,752,349	6,181,116	97,493,132

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

District	2019								
	January	February	March	April	May	June	July	August	January–August
New England and Middle Atlantic:									
Maine and New York	104,637	96,153	119,424	165,301	193,462	177,594	195,233	205,235	1,257,039
Pennsylvania	191,470	184,110	248,960	339,873	354,530	350,392	381,221	394,681 ^P	2,445,236 ^P
District subtotal ³	296,108	280,262	368,383	505,174	547,991	527,986	576,454	599,916 ^P	3,702,276 ^P
East North Central:									
Illinois	64,348	55,696	73,626	101,277	114,261	126,544	139,408	138,530	813,690
Indiana, Ohio	163,017	151,712	213,004	316,451	344,275	366,094	398,816	388,651	2,342,019
Michigan	100,655	93,857	132,384	261,374	387,620	392,765	446,169	481,294	2,296,118
District subtotal ³	328,019	301,265	419,014	679,101	846,156	885,403	984,393	1,008,475	5,451,826
West North Central:									
Iowa, Nebraska, South Dakota	89,885	73,760	108,118	217,972	330,992	424,266	460,988	402,858	2,108,839
Kansas	126,039	125,531	169,390	213,306	180,324	215,026	239,688	222,130	1,491,433
Missouri	469,332	420,312	670,954	853,295	827,342	680,522	823,708	1,017,280	5,762,746
District subtotal ³	685,256	619,603	948,463	1,284,573	1,338,658	1,319,814	1,524,384	1,642,268	9,363,017
South Atlantic:									
Florida	559,864	551,658	569,455	565,203	574,830	499,431	539,497 ^r	542,879	4,402,816
Georgia, Maryland, Virginia, West Virginia	391,289	338,371	468,278	519,585	519,834	475,926 ^r	522,019 ^r	565,410	3,800,712
Puerto Rico	47,424 ^r	51,140 ^r	51,414	57,359	52,668	51,047	50,788 ^r	49,102	410,942
South Carolina	240,843	232,451	266,998	274,726	314,741	247,035	265,646	251,964	2,094,404
District subtotal ³	1,239,420 ^r	1,173,620 ^r	1,356,145	1,416,872	1,462,074	1,273,439 ^r	1,377,950 ^r	1,409,355	10,708,874
East South Central:									
Alabama, Kentucky, Tennessee	461,662	457,746	549,324	603,343	681,138	633,024	679,560 ^r	703,307	4,769,103
West South Central:									
Arkansas and Oklahoma	188,855	193,406	214,028	220,296	220,656	240,809	294,157	260,742	1,832,949
Texas, northern	443,438	378,357	453,350	495,102 ^r	451,553 ^r	505,754 ^r	584,678 ^r	547,377 ^P	3,859,610 ^P
Texas, southern	551,497	528,165	604,184	583,405 ^r	553,127 ^r	521,867 ^r	596,994 ^r	618,188 ^P	4,557,427 ^P
District subtotal ³	1,183,790	1,099,928	1,271,562	1,298,803 ^r	1,225,336 ^r	1,268,430 ^r	1,475,829 ^r	1,426,307 ^P	10,249,986 ^P
Mountain and Pacific:									
Arizona and New Mexico	227,407	169,030	229,266	225,349	239,741	211,018	205,212	213,348	1,720,370
California	737,314	593,297	799,764	936,887	914,496	939,166	957,705	994,166	6,872,795
Colorado and Wyoming	155,549	143,375	173,062	254,122	284,019	337,073	387,187	377,814	2,112,201
Montana, Nevada, Oregon, Utah, Washington	250,516	175,628	271,308	345,823	401,360	396,317	487,892	535,885	2,864,731
District subtotal ³	1,370,785	1,081,331	1,473,400	1,762,182	1,839,616	1,883,574	2,037,996	863,378	12,312,261
U.S. total ³	5,565,039 ^r	5,013,755 ^r	6,386,291	7,550,050 ^r	7,940,969 ^r	7,791,669 ^r	8,656,565 ^r	8,910,842 ^P	57,815,179 ^P
Imports ⁴	817,124	686,169	957,066	1,215,993 ^r	1,304,725 ^r	1,284,063 ^r	1,390,632 ^r	1,437,325	9,093,098
Grand total ³	6,382,164 ^r	5,699,924 ^r	7,343,357	8,766,043 ^r	9,245,694 ^r	9,075,732 ^r	10,047,197 ^r	10,348,167 ^P	66,908,278 ^P

^PPreliminary. ^rRevised.

¹Data are unrounded but are thought to be accurate to no more than three significant digits.

²Includes cement manufactured from imported clinker.

³Data may not add to totals shown because of independent rounding.

⁴As reported by domestic and Canadian cement manufacturers and other importers.

TABLE 1B
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

District	2018						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	834	1,567	1,885	2,695	4,045	3,482	3,355
Pennsylvania	7,574	7,873	10,622	12,249	13,974	14,169	13,288
District subtotal ³	8,408	9,440	12,507	14,944	18,019	17,651	16,643
East North Central:							
Illinois, Indiana, Ohio	11,964	12,489	18,400	17,316	19,334	17,280	17,222
Michigan	3,447	3,644	4,869	6,845	7,914	7,652	8,437
District subtotal ³	15,411	16,133	23,269	24,161	27,248	24,932	25,659
West North Central:							
Iowa, Kansas, Missouri, Nebraska, South Dakota	1,663	2,153	2,742	3,195	3,543	3,211	3,286
South Atlantic:							
Florida	43,603	39,180	43,471	46,300	41,978	43,258	52,609
Georgia, Maryland, Virginia, West Virginia	18,818	20,240	25,717	26,972	31,021	29,384	30,604
Puerto Rico	--	--	--	--	--	--	--
South Carolina	13,063	13,443	16,835	16,941	17,455	17,041	17,657
District subtotal ³	75,484	72,862	86,023	90,212	90,455	89,682	100,869
East South Central:							
Alabama, Kentucky, Tennessee	16,050	17,387	20,875	20,501	22,173	20,279	21,350
West South Central:							
Arkansas and Oklahoma	6,139	6,368	8,465	9,375	9,533	8,595	8,434
Texas	23,048	22,915	28,079	26,238	29,443	28,939	28,807
District subtotal ³	29,187	29,284	36,544	35,612	38,975	37,534	37,241
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	3,566	2,929	4,089	3,607	4,107	4,281	3,820
California	17,740	20,228	20,703	15,898	18,347	17,591	19,631
District subtotal ³	21,306	23,157	24,792	19,504	22,454	21,872	23,452
U.S. total ³	167,509	170,417	206,752	208,130	222,866	215,163	228,499
Imports ⁴	766	846	1,067	1,180	1,435	1,333	1,410
Grand total ³	168,275	171,263	207,819	209,310	224,301	216,495	229,909

See footnotes at the end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

District	2018					
	August	September	October	November	December	January–December
New England and Middle Atlantic:						
Maine and New York	3,201	3,518	3,409	2,244	1,432	31,668
Pennsylvania	13,980	11,862	14,147	10,105	8,033	137,878
District subtotal ³	17,181	15,380	17,556	12,350	9,466	169,546
East North Central:						
Illinois, Indiana, Ohio	18,326	14,872	17,275	11,880	9,574	185,933
Michigan	8,251	7,081	8,025	4,706	4,155	75,027
District subtotal ³	26,577	21,954	25,300	16,587	13,728	260,960
West North Central:						
Iowa, Kansas, Missouri, Nebraska, South Dakota	3,620	2,804	2,877	2,119	1,740	32,952
South Atlantic:						
Florida	58,229	53,228	64,932	43,249	38,228	568,265
Georgia, Maryland, Virginia, West Virginia	31,853	25,388	31,383	23,446	18,834	313,660
Puerto Rico	--	--	--	--	--	--
South Carolina	18,152	14,639	18,055	12,581	10,629	186,490
District subtotal ³	108,234	93,256	114,370	79,276	67,691	1,068,415
East South Central:						
Alabama, Kentucky, Tennessee	21,840	18,483	21,166	15,507	12,697	228,308
West South Central:						
Arkansas and Oklahoma	8,407	7,736	7,988	6,534	5,983	93,555
Texas	29,829	24,489	24,344	23,956	21,438	311,525
District subtotal ³	38,236	32,224	32,332	30,490	27,421	405,080
Mountain and Pacific:						
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	3,967	3,783	4,315	3,648	3,377	45,489
California	13,380	11,934	14,215	11,658	13,480	194,804
District subtotal ³	17,347	15,717	18,529	15,306	16,857	240,293
U.S. total ³	233,036	199,818	232,130	171,634	149,600	2,405,553
Imports ⁴	1,721	1,458	1,489	907	959	14,570
Grand total ³	234,757	201,276	233,618	172,541	150,559	2,420,124

See footnotes at the end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

District	2019								
	January	February	March	April	May	June	July	August	January–August
New England and Middle Atlantic:									
Maine and New York	1,369	1,295	1,766	3,340	3,281	3,240	3,823	3,689	21,803
Pennsylvania	7,660	7,003	10,867	14,323	15,282	13,003	14,418	14,389 ^P	96,944 ^P
District subtotal ³	9,029	8,298	12,633	17,663	18,563	16,242	18,241	18,077 ^P	118,747 ^P
East North Central:									
Illinois, Indiana, Ohio	10,562	8,501	13,981	16,026	16,425	14,670	16,715	16,351	113,232
Michigan	3,670	2,958	4,723	7,196	6,762	6,621	7,727	7,901	47,558
District subtotal ³	14,233	11,460	18,703	23,222	23,188	21,291	24,442	24,252	160,790
West North Central:									
Iowa, Kansas, Missouri, Nebraska, South Dakota	2,488	1,940	3,362	3,550	3,705	4,096	3,971	3,155	26,268
South Atlantic:									
Florida	49,552	42,024	45,259	46,696	48,094	41,272	45,285 ^r	43,137	361,321
Georgia, Maryland, Virginia, West Virginia	25,837	21,772	27,400	29,859	31,686	27,688 ^r	30,407	30,550	225,200
Puerto Rico	--	--	--	--	--	--	--	--	--
South Carolina	16,140	14,026	16,203	16,631	18,414	16,244	17,681	16,895	132,234
District subtotal ³	91,529	77,823	88,862	93,187	98,195	85,205 ^r	93,373 ^r	90,582	718,755
East South Central:									
Alabama, Kentucky, Tennessee	19,346	15,518	18,965	21,407	21,748	19,938	22,437 ^r	21,498	160,857
West South Central:									
Arkansas and Oklahoma	7,678	6,171	7,687	8,870	8,165	8,916	10,405	9,254 ^P	67,146 ^P
Texas	24,734	22,905	25,734	27,928 ^r	26,002 ^r	24,512 ^r	28,355 ^r	26,212 ^P	206,382 ^P
District subtotal ³	32,413	29,075	33,422	36,797 ^r	34,166 ^r	33,428 ^r	38,760 ^r	35,466 ^P	273,528 ^P
Mountain and Pacific:									
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	4,465	3,230	4,409	4,486	4,622	4,149	3,685	3,391	32,437
California	17,357	12,192	16,981	17,158	15,998	15,558	16,976	17,621	129,842
District subtotal ³	21,822	15,421	21,390	21,645	20,620	19,708	20,661	21,012	162,279
U.S. total ³	190,860	159,536	197,337	217,470 ^r	220,185 ^r	199,907 ^r	221,886 ^r	214,042 ^P	1,621,223 ^P
Imports ⁴	1,227	897	1,644	1,751	2,135	2,089	2,958 ^r	2,611	15,311
Grand total ³	192,086	160,433	198,981	219,221 ^r	222,319 ^r	201,997 ^r	224,844 ^r	216,653 ^P	1,636,535 ^P

^PPreliminary. ^rRevised. -- Zero.

¹Data are unrounded but are thought to be accurate to no more than three significant digits.

²Includes cement manufactured from imported clinker.

³Data may not add to totals shown because of independent rounding.

⁴As reported by domestic and Canadian cement manufacturers and other importers.

TABLE 2A
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

Destination	2018						
	January	February	March	April	May	June	July
Alabama	84,753	93,323	115,209	106,675	107,363	112,089	109,228
Alaska	4,926	5,922	6,750	11,612	13,188	15,760	17,304
Arizona	204,163	204,899	246,514	243,731	239,874	243,238	232,080
Arkansas	50,463	46,917	72,250	74,972	84,336	87,848	70,542
California, northern	279,535	292,215	270,552	329,259	359,894	362,979	355,874
California, southern	501,060	538,931	524,703	587,368	611,395	602,179	571,470
Colorado	152,970	126,376	183,078	193,237	219,372	225,548	206,790
Connecticut	23,910	29,031	32,720	44,550	60,759	61,892	53,502
Delaware	3,774	4,306	5,532	5,676	5,444	7,539	7,488
District of Columbia	16,383	18,743	19,740	20,482	19,541	18,665	16,707
Florida	566,165	571,566	610,646	595,023	575,430	589,834	559,521
Georgia	193,529	213,512	266,491	271,637	262,989	302,841	283,444
Hawaii	26,357	21,509	27,089	25,041	27,507	27,713	26,202
Idaho	26,737	27,214	38,877	56,051	63,285	68,002	64,583
Illinois, excluding Chicago	37,845	41,215	69,446	95,019	128,369	128,246	148,060
Illinois, metropolitan Chicago	49,775	54,789	96,829	116,602	167,722	152,069	167,273
Indiana	66,508	75,755	131,468	164,175	190,821	175,697	205,082
Iowa	41,274	38,259	72,602	126,168	233,614	207,431	248,810
Kansas	62,224	67,954	91,660	99,717	123,145	128,077	131,378
Kentucky	48,019	52,659	75,439	91,363	102,277	98,407	108,548
Louisiana	109,404	107,421	165,629	157,457	169,420	156,293	140,882
Maine	6,763	7,372	8,032	14,824	23,780	24,135	23,215
Maryland	62,260	73,977	87,912	106,052	103,744	108,097	99,648
Massachusetts	42,447	55,496	60,351	85,571	105,919	99,233	94,417
Michigan	57,490	58,562	84,427	138,109	229,804	244,544	240,854
Minnesota	41,584	41,590	54,943	66,928	158,505	202,365	197,661
Mississippi	32,067	34,249	47,800	47,961	58,415	55,125	52,133
Missouri	73,049	90,874	132,684	148,077	180,034	175,370	167,491
Montana	9,354	6,242	15,176	23,757	35,406	26,757	39,641
Nebraska	25,846	28,425	49,704	84,955	114,369	109,674	119,205
Nevada	97,238	90,913	104,573	104,125	112,345	110,101	118,173
New Hampshire	6,529	7,762	9,579	13,568	21,028	20,802	20,040
New Jersey	67,247	77,636	86,724	107,958	127,182	123,281	120,320
New Mexico	43,225	43,755	53,128	52,889	57,418	54,907	54,799
New York, eastern	16,902	17,403	23,011	32,822	46,927	49,682	46,220
New York, western	18,318	18,304	25,433	44,558	75,051	68,611	74,203
New York, metropolitan	90,006	114,638	122,799	149,578	175,738	180,385	169,388
North Carolina	144,708	179,548	213,028	240,308	231,879	246,958	231,899
North Dakota	12,079	12,117	14,744	22,079	55,664	71,561	81,541
Ohio	117,866	134,312	198,196	266,332	337,224	330,721	349,366
Oklahoma	130,845	105,552	169,745	156,470	166,129	150,404	156,362
Oregon	60,657	69,606	94,998	87,024	99,550	104,474	94,617
Pennsylvania, eastern	68,497	78,189	93,309	122,396	138,256	150,848	140,266
Pennsylvania, western	45,076	43,265	60,843	78,227	103,475	101,957	108,186
Rhode Island	3,983	5,813	6,290	10,019	12,087	11,143	11,498
South Carolina	110,598	121,523	148,344	153,788	144,852	150,499	134,016
South Dakota	10,242	7,667	13,152	19,779	50,048	48,530	55,232
Tennessee	86,868	99,177	138,428	148,717	164,404	160,878	161,277
Texas, northern	576,485	499,792	692,466	685,318	704,475	671,458	652,897
Texas, southern	582,344	543,996	746,153	764,999	724,175	630,901	635,821
Utah	91,052	80,989	100,700	114,320	138,906	142,413	133,888
Vermont	4,188	3,499	4,101	6,528	11,634	15,533	12,101
Virginia	111,118	123,657	142,416	155,161	158,066	154,281	150,342
Washington	124,774	117,315	146,626	148,943	165,551	160,083	183,304
West Virginia	22,916	24,380	27,390	35,176	40,378	35,785	38,715
Wisconsin	55,876	50,183	77,185	98,396	188,379	207,451	222,470
Wyoming	14,013	10,514	14,217	18,390	25,062	24,667	30,616
Puerto Rico	22,605	26,180	27,232	28,286	30,131	29,721	25,241
Foreign countries ³	26,753	24,398	26,517	36,312	46,875	48,654	68,123
Total shipments ⁴	5,663,647	5,761,386	7,245,585	8,034,517	9,128,611	9,074,337	9,039,952

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

Destination	2018					
	August	September	October	November	December	January–December
Alabama	115,528	99,853	119,030	85,746	75,628	1,224,425
Alaska	19,145	16,009	14,118	7,214	5,106	137,053
Arizona	250,105	222,759	235,657	228,690	182,312	2,734,020
Arkansas	74,567	67,966	77,590	57,764	48,599	813,813
California, northern	399,072	333,237	379,223	297,226	257,058	3,916,125
California, southern	618,785	557,282	615,442	524,160	459,784	6,712,560
Colorado	234,067	206,923	216,513	190,123	139,720	2,294,718
Connecticut	56,406	48,296	61,052	45,464	33,080	550,660
Delaware	8,372	4,839	8,035	6,479	5,044	72,527
District of Columbia	21,913	17,540	21,544	16,147	12,365	219,771
Florida	623,901	523,344	600,645	565,484	503,669	6,885,228
Georgia	318,419	293,737	320,295	213,044	181,628	3,121,567
Hawaii	23,419	20,702	25,466	22,786	19,739	293,530
Idaho	63,299	62,510	60,081	47,776	22,739	601,153
Illinois, excluding Chicago	154,916	137,772	150,507	92,116	65,888	1,249,400
Illinois, metropolitan Chicago	174,305	166,599	204,186	160,397	84,580	1,595,125
Indiana	208,057	190,297	245,346	157,920	117,257	1,928,386
Iowa	247,176	192,651	239,978	148,095	70,338	1,866,395
Kansas	133,590	110,118	114,390	93,715	79,135	1,235,102
Kentucky	107,312	87,754	110,893	78,836	65,645	1,027,152
Louisiana	156,771	122,356	151,351	124,055	111,511	1,672,551
Maine	26,094	21,221	25,167	14,900	11,324	206,827
Maryland	118,736	81,807	126,419	90,477	81,298	1,140,428
Massachusetts	103,997	90,987	104,353	80,431	70,270	993,474
Michigan	256,340	216,014	252,367	168,133	106,467	2,053,110
Minnesota	233,102	189,078	207,265	101,909	58,484	1,553,414
Mississippi	61,336	49,355	62,343	42,839	36,338	579,962
Missouri	190,186	166,105	187,849	123,775	119,054	1,754,548
Montana	39,184	34,139	39,520	22,793	12,090	304,060
Nebraska	120,669	98,916	101,470	84,019	55,777	993,028
Nevada	126,120	111,644	125,855	114,216	85,528	1,300,832
New Hampshire	23,060	18,670	23,560	15,536	12,303	192,436
New Jersey	138,424	107,656	137,602	104,184	92,789	1,291,001
New Mexico	63,207	52,141	53,621	50,565	43,677	623,334
New York, eastern	51,285	45,174	53,074	37,339	28,851	448,689
New York, western	79,083	63,605	76,614	42,389	28,991	615,161
New York, metropolitan	180,134	152,751	191,717	149,960	124,840	1,801,935
North Carolina	247,459	193,820	258,583	187,908	143,431	2,519,529
North Dakota	86,105	71,824	80,881	49,147	19,635	577,378
Ohio	391,014	331,427	429,225	274,105	206,308	3,366,097
Oklahoma	164,648	138,091	171,858	150,677	118,270	1,779,051
Oregon	103,487	88,471	105,118	80,582	57,640	1,046,224
Pennsylvania, eastern	149,887	125,131	160,582	109,065	101,610	1,438,036
Pennsylvania, western	119,739	92,106	113,520	73,237	61,297	1,000,930
Rhode Island	12,228	10,640	14,395	11,684	9,892	119,671
South Carolina	163,562	130,940	154,479	106,275	90,102	1,608,977
South Dakota	64,122	53,025	69,345	39,464	14,333	444,939
Tennessee	176,339	137,138	185,002	127,919	113,628	1,699,775
Texas, northern	686,674	551,355	519,233	597,789	487,231	7,325,173
Texas, southern	755,590	463,762	623,446	638,535	608,717	7,718,439
Utah	152,408	125,851	154,211	129,662	87,673	1,452,073
Vermont	14,482	13,913	12,428	8,032	5,180	111,619
Virginia	176,322	129,441	175,488	132,690	115,955	1,724,938
Washington	204,283	156,406	192,225	153,630	128,404	1,881,544
West Virginia	43,773	34,100	45,942	34,224	29,181	411,959
Wisconsin	240,856	218,911	264,873	162,832	80,480	1,867,891
Wyoming	34,170	26,441	29,499	20,980	13,765	262,334
Puerto Rico	31,970	25,015	25,819	26,315	24,569	323,085
Foreign countries ³	68,668	56,035	64,888	46,063	28,481	541,767
Total shipments ⁴	9,907,868	8,155,653	9,591,175	7,567,515	6,054,687	95,224,932

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

Destination	2019								
	January	February	March	April	May	June	July	August	January–August
Alabama	102,850	94,242	121,605	124,846	130,408	111,237	110,685 ^f	113,290	909,163
Alaska	6,235	5,629	6,546	10,628	15,490	18,025	18,453	17,738	98,744
Arizona	225,028	158,667	220,770	217,100	223,398	201,533	194,556	203,871	1,644,922
Arkansas	50,258	50,633	64,904	71,063 ^f	68,609 ^f	70,104 ^f	77,657 ^f	78,414 ^p	531,642 ^p
California, northern	249,797	185,462	261,078	331,920 ^f	334,043 ^f	352,280 ^f	369,019 ^f	375,585	2,459,183
California, southern	459,107	370,185	526,860	618,546	585,233	595,829	613,760	622,604	4,392,124
Colorado	129,590	130,985	155,157	211,541	204,541	227,937	251,803	259,043	1,570,597
Connecticut	26,983	23,752	33,149	48,532	56,395	49,781	56,610 ^f	57,144	352,346
Delaware	5,451	5,878	6,666	7,339	6,929	5,802	6,671	6,961	51,698
District of Columbia	17,106	13,742	18,722	17,452	16,655	16,331	16,634	21,377	138,019
Florida	610,536	582,626	624,176	634,731	631,303	556,270	583,533 ^f	590,472	4,813,647
Georgia	237,045	239,360	274,605	294,451	311,832	262,004	290,130 ^f	290,686	2,200,112
Hawaii	25,327	22,022	25,800	25,822	26,336	25,962	32,250	33,774	217,292
Idaho	29,811	18,608	32,562	59,268	78,277	74,195	84,169	94,632	471,522
Illinois, excluding Chicago	43,168	39,913	65,907	102,780	108,556	124,525	144,492	147,214	776,555
Illinois, metropolitan Chicago	60,810	40,723	80,381	149,168	149,626	92,967	148,117	178,869	900,660
Indiana	85,877	78,049	114,125	171,254	194,354	199,474	219,998	223,351	1,286,480
Iowa	38,710	29,494	49,492	142,625	180,220	233,673	238,706	240,507	1,153,427
Kansas	53,821	42,672	74,732	120,774	93,696	116,834	130,888	119,630	753,047
Kentucky	56,878	55,863	77,508	104,794	107,022	91,324	101,488	106,936	701,813
Louisiana	140,765	112,325	160,503	155,539 ^f	191,747 ^f	158,785 ^f	164,494 ^f	183,907 ^p	1,268,066 ^p
Maine	7,928	8,039	10,023	15,398	23,235	23,036 ^f	24,426 ^f	27,367	139,452
Maryland	73,982	72,803	102,424	121,219	119,599	111,743	113,669 ^f	125,931 ^p	841,370 ^p
Massachusetts	59,276	51,430	64,480	91,358	99,281	90,384 ^f	94,304 ^f	99,146	649,660
Michigan	59,127	51,290	68,684	139,742	215,318	219,998	240,067	268,832	1,263,056
Minnesota	46,981	42,266	57,419	81,211	167,728	206,078	222,114 ^f	234,552	1,058,349
Mississippi	44,061	42,870	55,962	54,362	61,612	55,946	65,697 ^f	70,263	450,775
Missouri	70,452	73,943	122,269	162,754	140,491	160,150	179,615	174,191	1,083,867
Montana	8,031	3,589	7,393	21,484	37,295	36,977	42,376	44,664	201,810
Nebraska	30,628	17,542	31,163	86,423	80,131	91,273	114,807	113,559	565,526
Nevada	123,022	102,743	129,473	135,742	135,169	129,657	138,954	133,252	1,028,011
New Hampshire	10,573	9,539	11,548	15,878	19,543	18,457	19,695	22,030	127,264
New Jersey	75,892	68,555	92,612	127,039	125,612	119,557	131,103 ^f	143,238	883,607
New Mexico	43,738	42,074	45,057	54,400 ^f	55,514 ^f	58,464 ^f	61,983 ^f	65,879 ^p	427,111 ^p
New York, eastern	23,696	21,092	24,627	43,305	51,108	47,112	57,482 ^f	59,890	328,312
New York, western	20,533	18,001	26,297	57,086	65,517	65,913	62,811 ^f	78,799 ^p	394,958 ^p
New York, metropolitan	109,137	110,448	139,655	167,475	181,137	158,205 ^f	171,745 ^f	176,894	1,214,695
North Carolina	196,992	193,461	232,817	244,208	286,710	233,669	255,657	247,878	1,891,392
North Dakota	16,528	13,421	18,136	23,792	41,253	73,039	86,777	99,097	372,043
Ohio	140,806	130,069	197,775	314,644	339,896	332,750	378,666	391,224 ^p	2,225,831 ^p
Oklahoma	140,078	136,573	156,692	161,322 ^f	132,643 ^f	143,948 ^f	182,472 ^f	149,720 ^p	1,203,448 ^p
Oregon	83,441	55,081	92,994	96,489	105,443	100,229	132,225	171,601	837,502
Pennsylvania, eastern	86,074	79,171	109,923	154,493	155,065	148,252	163,379	168,853	1,065,208
Pennsylvania, western	51,280	46,010	62,735	85,959	90,775	87,935	95,567	102,360 ^p	622,622 ^p
Rhode Island	5,914	4,952	8,107	11,744	13,395	11,534	11,865	11,681	79,192
South Carolina	126,691	122,386	149,228	141,409	171,685	147,827	153,443 ^f	150,844	1,163,513
South Dakota	10,551	7,491	10,464	20,694	36,186	54,826	64,608	69,787	274,607
Tennessee	117,243	121,846	162,280	174,168	179,387	153,964	168,222 ^f	180,113	1,257,222
Texas, northern	612,780	567,565	657,377	662,128 ^f	606,403 ^f	643,903 ^f	756,687 ^f	726,738 ^p	5,233,580 ^p
Texas, southern	688,138	640,558	769,601	769,767 ^f	735,697 ^f	687,683 ^f	800,254 ^f	827,163 ^p	5,918,862 ^p
Utah	83,075	68,611	94,111	120,590	132,390	147,429	147,885	158,689	952,781
Vermont	4,792	4,928	5,009	7,208	11,411	11,436 ^f	12,279 ^f	12,458	69,520
Virginia	125,925	128,360	161,199	170,096	170,533	161,885	168,340	177,979	1,264,317
Washington	141,189	82,567	145,287	162,348	174,729	177,386	205,963	204,668	1,294,138
West Virginia	35,566	34,768	29,751	53,467	39,346	34,393	40,280	40,403 ^p	307,975 ^p
Wisconsin	52,509	48,054	69,412	125,731	217,124	218,187	242,455	273,893	1,247,365
Wyoming	13,444	11,210	12,049	19,168	25,094	30,339	36,866	39,752	187,922
Puerto Rico	23,318 ^f	23,552 ^f	25,492	32,433	26,841	26,872	25,667	26,114	210,289
Foreign countries ³	31,157	22,158	33,960	38,111	53,875	49,802	55,400	63,071	347,534
Total shipments ⁴	6,249,703 ^f	5,579,843 ^f	7,188,734	8,585,019 ^f	9,038,841 ^f	8,855,109 ^f	9,779,915 ^f	10,098,579 ^p	65,375,743 ^p

^pPreliminary. ^fRevised.

¹Data are unrounded but are thought to be accurate to no more than three significant digits.

²Includes imported cement and cement manufactured from imported clinker.

³As reported by domestic and Canadian cement manufacturers and other importers.

⁴Data may not add to totals shown because of independent rounding.

TABLE 2B
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018--AUGUST 2019^{1,2,3}

(Metric tons)

Destination	2018						
	January	February	March	April	May	June	July
Alabama	1,070	1,084	1,496	1,681	1,126	1,348	1,119
Alaska	--	--	--	27	45	161	559
Arizona	2,285	2,026	2,996	2,800	2,684	2,856	2,290
Arkansas	--	--	--	--	--	--	--
California, northern	--	--	--	--	--	865	1,068
California, southern	--	--	--	--	--	--	--
Colorado	855	1,123	3,723	2,866	5,072	3,177	3,660
Connecticut	--	--	--	--	--	--	--
Delaware	4,211	5,703	6,679	8,513	8,785	9,252	8,452
District of Columbia	--	--	--	--	--	--	--
Florida	--	3,573	9,034	11,757	18,831	22,176	21,945
Georgia	880	822	996	941	1,150	1,163	1,171
Hawaii	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	1,817	1,483	1,520	1,315	1,568	1,537	2,875
Illinois, metropolitan Chicago	13	--	--	--	--	--	--
Indiana	--	--	--	23	--	--	--
Iowa	1,044	1,403	3,484	10,033	16,133	15,157	16,425
Kansas	499	340	885	1,113	698	1,476	1,619
Kentucky	67	294	500	506	646	618	642
Louisiana	2,321	3,535	3,176	5,914	3,824	1,067	1,147
Maine	--	--	--	--	--	--	--
Maryland	719	952	1,758	1,454	1,843	1,785	1,465
Massachusetts	445	725	1,165	1,030	1,537	1,415	685
Michigan	1,599	971	352	839	5,870	6,253	4,833
Minnesota	335	240	237	403	2,194	--	--
Mississippi	3,806	4,097	7,367	7,364	5,446	5,114	4,393
Missouri	600	612	634	376	519	779	1,255
Montana	160	61	494	597	1,080	1,004	1,353
Nebraska	3,486	3,406	8,020	16,811	28,394	29,665	49,871
Nevada	2,486	1,740	2,109	3,865	4,032	5,807	8,041
New Hampshire	259	298	108	208	79	83	27
New Jersey	1,573	1,501	1,328	1,315	1,486	1,872	1,489
New Mexico	83	46	276	91	276	113	146
New York, eastern	96	259	202	562	833	618	860
New York, western	147	74	53	336	323	433	507
New York, metropolitan	1,131	1,255	672	384	1,485	1,579	1,473
North Carolina	171	286	987	1,579	1,178	903	1,005
North Dakota	57	57	--	56	272	--	--
Ohio	314	427	--	--	69	424	474
Oklahoma	404	500	426	292	451	453	570
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	3,441	3,587	7,844	11,795	13,765	14,732	14,667
Pennsylvania, western	--	--	139	351	1,343	2,486	1,770
Rhode Island	--	--	--	--	--	--	--
South Carolina	1,807	3,289	8,106	4,894	2,804	2,853	1,730
South Dakota	55	27	--	149	2,842	2,512	3,406
Tennessee	2,458	3,700	7,672	5,457	10,050	7,268	7,231
Texas, northern	5,760	1,374	2,772	5,611	6,143	3,301	2,937
Texas, southern	14,004	13,820	22,150	21,556	25,255	12,846	13,817
Utah	1,390	1,627	2,127	2,207	2,615	3,086	2,549
Vermont	--	47	23	242	144	92	175
Virginia	5,304	6,947	10,971	13,914	14,750	15,771	14,539
Washington	238	138	418	1,426	6,613	11,806	13,113
West Virginia	1,666	1,622	1,408	1,465	1,920	1,936	1,972
Wisconsin	747	748	1,237	1,092	4,265	1,481	1,079
Wyoming	--	--	--	--	--	--	--
Puerto Rico	23,237	24,142	27,698	27,970	28,990	25,646	25,282
Foreign countries ⁴	--	--	--	--	--	--	--
Total shipments ⁵	93,039	99,964	153,241	183,178	239,428	224,969	245,688

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–AUGUST 2019^{1,2,3}

(Metric tons)

Destination	2018					
	August	September	October	November	December	January–December
Alabama	1,290	1,138	1,447	781	981	14,561
Alaska	--	161	--	--	--	953
Arizona	2,629	2,430	4,081	3,405	2,467	32,948
Arkansas	--	--	--	--	--	--
California, northern	1,038	1,031	1,099	956	606	6,663
California, southern	--	--	--	--	--	--
Colorado	7,207	3,177	8,960	7,682	5,189	52,692
Connecticut	--	--	--	--	--	--
Delaware	9,536	9,813	7,885	11,170	9,700	99,701
District of Columbia	--	--	--	--	--	--
Florida	25,623	24,244	29,945	26,370	20,286	213,784
Georgia	1,184	1,163	1,304	552	341	11,667
Hawaii	--	--	--	--	--	--
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	3,071	2,247	1,787	1,337	1,302	21,859
Illinois, metropolitan Chicago	--	--	--	--	--	13
Indiana	--	--	--	--	--	23
Iowa	12,554	13,295	13,971	7,597	2,917	114,011
Kansas	1,970	899	1,108	1,042	876	12,526
Kentucky	756	618	711	572	640	6,570
Louisiana	1,856	93	2,953	319	--	26,204
Maine	--	--	--	--	--	--
Maryland	1,463	1,221	844	490	558	14,553
Massachusetts	784	1,415	662	650	322	10,835
Michigan	5,596	6,253	2,610	3,641	539	39,356
Minnesota	--	--	--	--	--	3,409
Mississippi	6,155	5,245	5,359	3,445	3,050	60,841
Missouri	1,030	1,192	1,080	1,394	1,735	11,206
Montana	3,203	2,645	1,417	894	287	13,194
Nebraska	50,494	36,764	31,509	19,523	5,849	283,792
Nevada	5,772	4,110	3,983	2,888	1,272	46,102
New Hampshire	114	83	388	113	22	1,783
New Jersey	1,138	1,774	1,451	927	1,277	17,130
New Mexico	236	188	516	561	368	2,899
New York, eastern	501	517	724	389	35	5,596
New York, western	777	460	1,299	495	26	4,931
New York, metropolitan	1,264	364	717	445	112	10,881
North Carolina	924	752	713	1,062	165	9,724
North Dakota	--	--	--	--	--	443
Ohio	613	424	639	549	594	4,527
Oklahoma	635	453	749	705	614	6,251
Oregon	--	--	129	33	--	161
Pennsylvania, eastern	19,589	15,497	19,340	12,242	7,253	143,752
Pennsylvania, western	1,915	3,264	3,727	1,164	1,020	17,178
Rhode Island	--	--	--	--	--	--
South Carolina	1,891	1,730	1,778	1,641	1,692	34,215
South Dakota	4,822	2,502	3,223	1,774	697	22,008
Tennessee	8,106	6,001	3,670	3,123	3,369	68,105
Texas, northern	3,226	3,301	720	3,798	1,007	39,952
Texas, southern	16,476	9,554	10,511	14,447	12,646	187,082
Utah	2,898	3,086	2,445	2,067	1,478	27,575
Vermont	102	92	180	72	23	1,190
Virginia	15,589	9,780	13,028	8,821	6,125	135,540
Washington	13,253	12,004	12,777	8,571	5,503	85,861
West Virginia	2,012	2,007	1,689	1,391	1,270	20,358
Wisconsin	1,271	1,481	1,082	1,149	961	16,592
Wyoming	--	--	--	--	--	--
Puerto Rico	28,420	23,054	26,224	24,446	21,255	306,365
Foreign countries ⁴	450	--	47	141	--	638
Total shipments ⁵	269,431	217,519	230,479	184,834	126,429	2,268,199

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–AUGUST 2019^{1, 2, 3}

(Metric tons)

Destination	2019								January–August
	January	February	March	April	May	June	July	August	
Alabama	1,090	885	880	1,466	954	4,431	4,661 ^r	3,188	17,555
Alaska	--	--	--	--	--	--	--	--	--
Arizona	2,683	2,146	3,836	3,994	3,896	3,086	2,981	2,886	25,509
Arkansas	--	--	--	--	--	--	--	--	--
California, northern	656	437	1,252	1,820	2,120	1,542	1,643	875	10,346
California, southern	--	--	--	--	--	--	--	--	--
Colorado	3,383	3,884	7,520	8,852	9,932	9,256	13,396	20,010	76,233
Connecticut	--	--	--	--	--	--	--	--	--
Delaware	6,604	7,087	8,424	9,449	10,064	9,510	10,449	9,645	71,233
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	29,738	25,751	30,501	30,715	28,193	29,192	29,342 ^r	30,372	233,804
Georgia	618	428	689	1,099	1,309	1,164	1,289 ^r	1,214	7,809
Hawaii	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Illinois, excluding Chicago	1,745	1,361	1,733	734	697	939	2,128	1,629	10,965
Illinois, metropolitan Chicago	23	44	42	82	146	--	--	--	337
Indiana	--	--	--	--	--	--	--	--	--
Iowa	2,137	1,891	2,547	8,295	10,743	16,504	20,800	15,110	78,029
Kansas	375	273	807	70	2,171	4,013	4,903	7,068	19,680
Kentucky	676	522	541	440	484	596 ^r	689	665	4,612
Louisiana	1,274	1,890	1,892	1,255	5,373	4,400	3,569	3,558	23,210
Maine	--	--	--	--	--	--	-- ^r	--	--
Maryland	812	106	228	--	941	253	678 ^r	649	3,666
Massachusetts	199	431	271	173	904	349	567	562	3,456
Michigan	209	327	879	976	3,219	3,426	7,760 ^r	6,620	23,415
Minnesota	--	--	--	--	--	--	-- ^r	--	--
Mississippi	3,784	3,499	3,363	3,072	3,557	3,574	3,388 ^r	2,986	27,223
Missouri	1,629	1,333	1,281	1,931	5,394	8,513	8,009	7,559	35,649
Montana	285	26	340	837	930	1,060	1,134	1,302	5,914
Nebraska	2,844	1,926	5,291	19,063	23,493	31,726	52,285	40,859	177,486
Nevada	1,159	1,076	3,604	2,706	3,145	3,184	3,512	2,717	21,104
New Hampshire	--	--	--	218	193	24	--	142	576
New Jersey	1,232	1,285	1,517	1,170	1,206	1,318	1,064	1,147	9,939
New Mexico	371	437	675	723	479	291	296	267	3,539
New York, eastern	46	162	142	328	590	633	1,046 ^r	1,749	4,696
New York, western	94	53	5	97	237	130	654 ^r	611	1,880
New York, metropolitan	180	195	202	367	184	306	486	301	2,222
North Carolina	218	240	294	454	815	534	286	456	3,298
North Dakota	--	--	--	--	--	--	--	--	--
Ohio	944	369	484	392	485	415	554	572	4,215
Oklahoma	--	--	--	--	111	154	--	--	265
Oregon	--	--	--	--	--	--	--	--	--
Pennsylvania, eastern	4,345	4,134	9,332	15,395	16,772	15,338	19,689	17,620	102,625
Pennsylvania, western	873	793	1,045	1,926	1,877	2,129	2,536	2,814	13,993
Rhode Island	--	--	--	--	--	--	--	--	--
South Carolina	1,832	1,084	1,191	1,262	1,631	1,374	1,517	1,603	11,494
South Dakota	189	45	207	753	2,302	2,428	2,263	2,077	10,263
Tennessee	2,784	3,992	3,310	1,908	2,380	2,799	2,341 ^r	2,546	22,060
Texas, northern	1,401	2,856	1,950	1,935	1,043	1,361	1,559	1,924	14,029
Texas, southern	13,594	13,007	16,141	14,109	13,721	12,291	16,147	14,817	113,827
Utah	1,911	1,682	2,163	1,938	2,175	1,939	2,071	2,545	16,423
Vermont	53	29	77	147	171	97	215	326	1,114
Virginia	7,879	4,755	6,412	4,863	5,014	6,114	8,506	8,254	51,796
Washington	6,772	2,845	6,466	9,569	10,036	8,551	6,443	5,707	56,390
West Virginia	997	1,214	923	1,268	1,715	1,442	1,453	1,491	10,502
Wisconsin	718	244	246	247	223	61	78 ^r	159	1,976
Wyoming	--	--	--	--	--	--	--	--	--
Puerto Rico	24,049	25,337	25,781	24,748	25,828	24,176	24,897	22,988	197,804
Foreign countries ⁴	56	--	141	178	--	--	--	--	375
Total shipments ⁵	132,461	120,081	154,623	181,024	206,853	220,623 ^r	267,282 ^r	249,587	1,532,535

^rRevised. -- Zero.

¹Data are unrounded but are thought to be accurate to no more than three significant digits.

²Includes imported cement and cement manufactured from imported clinker.

³Blended cement defined per ASTM standard C595.

⁴Includes U.S. possessions and territories.

⁵Data may not add to totals shown because of independent rounding.

TABLE 2C
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

Destination	2018						
	January	February	March	April	May	June	July
Alabama	4,999	5,820	6,774	6,888	7,201	6,395	6,764
Alaska	--	--	--	--	--	--	--
Arizona	2,798	2,499	3,504	3,094	3,563	3,654	3,142
Arkansas	2,807	3,234	3,721	3,377	4,553	3,843	3,879
California, northern	2,119	3,466	2,185	2,766	3,015	3,447	3,565
California, southern	15,336	16,562	18,253	12,865	15,189	13,807	15,704
Colorado	337	335	472	386	430	523	521
Connecticut	357	469	766	1,148	1,802	1,491	1,687
Delaware	230	334	356	480	357	445	474
District of Columbia	--	--	--	--	--	--	8
Florida	45,252	40,692	45,194	48,078	43,758	44,569	54,087
Georgia	10,706	10,770	13,500	12,402	13,341	11,869	13,397
Hawaii	127	69	93	108	80	64	98
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	266	177	572	658	451	435	429
Illinois, metropolitan Chicago	638	556	1,617	1,085	1,898	1,324	1,541
Indiana	3,035	2,079	3,641	3,478	3,858	4,477	4,542
Iowa	3	--	--	5	24	--	--
Kansas	210	285	248	347	312	317	235
Kentucky	2,442	3,269	4,952	4,685	4,579	4,263	4,286
Louisiana	3,397	3,423	4,671	3,710	4,371	3,802	3,890
Maine	12	33	13	40	87	51	41
Maryland	1,886	1,842	2,053	2,505	2,199	2,442	2,457
Massachusetts	278	353	576	835	1,088	1,041	810
Michigan	2,718	2,778	3,709	5,097	5,529	5,969	6,065
Minnesota	34	28	--	65	93	85	130
Mississippi	2,067	2,338	2,965	3,047	3,150	3,110	3,006
Missouri	634	559	978	860	1,070	867	1,021
Montana	37	--	--	21	--	--	18
Nebraska	--	--	--	--	--	--	47
Nevada	285	200	267	268	144	337	362
New Hampshire	29	301	263	435	718	591	415
New Jersey	1,756	1,860	2,481	3,092	3,757	3,583	3,720
New Mexico	451	106	210	147	181	164	157
New York, eastern	227	318	484	510	861	861	679
New York, western	523	396	478	580	955	1,109	1,152
New York, metropolitan	1,969	2,588	2,935	3,478	4,623	4,283	4,094
North Carolina	10,218	11,944	13,217	14,935	15,055	14,515	14,352
North Dakota	23	--	45	95	91	92	115
Ohio	3,012	3,431	5,016	6,110	6,999	6,582	6,844
Oklahoma	2,175	2,060	3,207	3,307	3,087	3,158	3,321
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	1,586	1,616	2,548	2,809	3,118	3,466	2,762
Pennsylvania, western	858	951	1,657	1,872	2,424	2,270	2,429
Rhode Island	9	20	38	68	64	28	38
South Carolina	5,328	5,463	6,413	6,182	6,605	6,373	6,121
South Dakota	--	--	--	--	--	--	--
Tennessee	7,668	9,463	11,529	12,344	14,611	12,980	13,298
Texas, northern	8,580	8,509	11,596	9,533	13,605	13,738	13,660
Texas, southern	16,316	15,770	18,728	18,890	18,262	17,237	17,136
Utah	--	--	--	--	--	--	--
Vermont	5	--	6	8	5	23	15
Virginia	3,641	3,711	4,934	5,304	5,153	5,449	5,405
Washington	60	--	--	--	--	--	--
West Virginia	361	268	325	523	693	624	827
Wisconsin	445	314	592	721	1,273	729	1,070
Wyoming	--	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--	--
Foreign countries ³	24	5	40	69	19	14	90
Total shipments ⁴	168,275	171,263	207,819	209,310	224,301	216,495	229,909

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

Destination	2018					
	August	September	October	November	December	January–December
Alabama	6,997	5,938	6,992	5,414	4,369	74,552
Alaska	--	--	--	--	--	--
Arizona	3,293	3,134	3,670	3,192	2,920	38,466
Arkansas	3,584	3,584	3,842	2,529	2,459	41,414
California, northern	2,790	2,740	2,948	2,194	2,259	33,493
California, southern	10,327	8,860	11,028	9,200	10,864	157,995
Colorado	519	472	534	315	222	5,065
Connecticut	1,269	1,256	1,551	1,016	546	13,357
Delaware	446	333	466	346	344	4,611
District of Columbia	--	--	--	29	--	37
Florida	59,643	54,677	66,215	44,448	39,364	585,978
Georgia	13,400	11,653	13,751	9,508	8,426	142,723
Hawaii	93	108	96	119	73	1,127
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	640	508	526	563	100	5,324
Illinois, metropolitan Chicago	1,735	1,400	1,733	1,151	781	15,458
Indiana	4,978	4,069	3,880	3,255	2,194	43,487
Iowa	5	--	--	2	--	38
Kansas	383	311	303	270	253	3,475
Kentucky	4,605	3,696	4,674	3,227	2,862	47,539
Louisiana	4,283	3,359	3,731	3,035	2,752	44,425
Maine	52	19	47	7	14	415
Maryland	2,576	1,871	2,778	2,010	1,539	26,158
Massachusetts	991	713	842	685	509	8,720
Michigan	5,732	5,293	5,772	3,222	3,304	55,190
Minnesota	52	85	47	20	--	640
Mississippi	3,330	2,842	3,261	2,209	1,676	33,001
Missouri	1,197	773	1,018	792	615	10,385
Montana	50	57	--	--	--	183
Nebraska	--	--	48	--	114	210
Nevada	263	334	248	265	240	3,212
New Hampshire	572	692	867	350	368	5,604
New Jersey	3,274	3,313	3,828	2,488	2,392	35,545
New Mexico	197	85	151	161	277	2,286
New York, eastern	781	831	613	562	271	6,998
New York, western	1,094	982	900	596	302	9,066
New York, metropolitan	4,633	3,667	4,179	3,384	2,291	42,124
North Carolina	14,544	11,114	14,622	10,276	8,298	153,088
North Dakota	161	165	45	21	--	854
Ohio	7,084	5,866	7,545	4,444	3,852	66,784
Oklahoma	3,107	2,620	2,844	2,041	2,238	33,166
Oregon	--	--	--	12	--	12
Pennsylvania, eastern	3,387	2,866	3,455	2,390	1,785	31,790
Pennsylvania, western	2,423	2,018	2,114	1,537	1,197	21,750
Rhode Island	40	53	26	15	36	435
South Carolina	6,599	5,556	6,548	4,788	3,787	69,762
South Dakota	--	--	--	--	--	--
Tennessee	14,123	11,441	12,831	9,190	7,813	137,292
Texas, northern	13,444	12,040	10,839	10,513	8,958	135,016
Texas, southern	18,754	14,350	15,089	15,618	14,256	200,405
Utah	--	--	--	--	--	--
Vermont	34	14	--	--	21	131
Virginia	5,449	3,996	5,498	4,169	2,950	55,659
Washington	--	--	--	--	--	60
West Virginia	676	745	700	453	400	6,595
Wisconsin	1,114	770	833	471	253	8,586
Wyoming	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--
Foreign countries ³	34	9	84	39	13	439
Total shipments ⁴	234,757	201,276	233,618	172,541	150,559	2,420,124

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–AUGUST 2019^{1,2}

(Metric tons)

Destination	2019								January–August
	January	February	March	April	May	June	July	August	
Alabama	6,148	5,139	6,720	6,987	7,093	6,703	7,366 ^r	6,534	52,691
Alaska	--	--	--	--	--	--	--	--	--
Arizona	3,714	2,826	3,846	4,073	3,967	3,653	3,622	3,475	29,177
Arkansas	3,306	2,715	3,475	4,313	3,629	2,993	4,773	3,545	28,749
California, northern	3,305	2,044	1,947	3,029	2,273	2,335	1,913	2,885	19,731
California, southern	13,789	9,908	14,772	13,845	13,414	12,934	14,308	13,882	106,851
Colorado	424	271	252	397	466	390	442	433	3,075
Connecticut	649	551	727	1,464	1,716	1,671	1,851	1,715	10,343
Delaware	316	281	373	492	409	378	487	432	3,168
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	51,079	43,702	47,064	48,167	49,899	42,780	46,887 ^r	44,949	374,527
Georgia	12,638	10,875	12,172	13,816	13,691	12,225	13,436 ^r	13,398	102,252
Hawaii	91	53	151	103	139	103	103	68	808
Idaho	--	--	--	--	--	--	--	--	--
Illinois, excluding Chicago	194	76	500	591	923	977	869	585	4,716
Illinois, metropolitan Chicago	613	514	990	1,305	1,236	1,613	1,545	1,424	9,241
Indiana	3,132	2,253	3,835	3,685	4,794	4,599	4,277	4,112	30,686
Iowa	259	178	347	222	277	948	1,061	385	3,677
Kansas	276	180	349	176	287	277	215	289	2,048
Kentucky	2,908	2,497	3,954	4,003	3,988	3,588 ^r	4,316	4,101	29,356
Louisiana	3,915	2,986	3,611	3,861	3,872	3,338	3,719	3,813	29,114
Maine	47	42	7	50	16	25	41	34	262
Maryland	1,714	1,584	2,344	2,723	2,744	2,519	2,780	2,915	19,323
Massachusetts	336	320	540	836	875	794	968	889	5,557
Michigan	2,642	2,217	3,476	5,346	4,818	4,872	5,810 ^r	6,010	35,192
Minnesota	19	--	46	--	61	69	65	115	376
Mississippi	2,720	2,458	2,354	2,850	2,995	2,605	2,916	2,772	21,670
Missouri	655	513	738	1,077	1,054	878	924	849	6,688
Montana	--	--	18	4	--	22	19	38	101
Nebraska	--	--	--	--	--	24	24	--	48
Nevada	263	251	262	285	311	290	263	167	2,093
New Hampshire	--	164	278	598	506	459	588	586	3,179
New Jersey	2,303	1,919	2,870	4,065	3,866	3,494	4,185	3,831	26,533
New Mexico	440	142	378	31	247	145	161	163	1,707
New York, eastern	317	279	475	679	604	707	636	748	4,444
New York, western	454	627	597	825	1,106	1,031	1,530 ^r	1,479	7,648
New York, metropolitan	1,961	1,959	2,761	3,772	3,954	3,505	4,113	4,100	26,126
North Carolina	13,391	10,742	13,527	13,824	15,823	13,265	14,812	14,485	109,868
North Dakota	22	--	24	61	40	96	122	112	477
Ohio	3,910	3,053	5,337	6,984	6,876	5,914	7,394	7,302	46,771
Oklahoma	3,135	2,194	2,461	2,975 ^r	2,689 ^r	3,650 ^r	3,438 ^r	3,232	23,774
Oregon	--	--	--	--	--	--	--	--	--
Pennsylvania, eastern	2,009	1,855	2,771	4,118	4,964	3,448	3,540	4,000	26,706
Pennsylvania, western	1,044	1,016	1,702	1,658	1,921	1,706	1,887	1,983	12,917
Rhode Island	4	7	10	72	44	38	64	24	262
South Carolina	5,851	5,101	6,048	5,921	6,365	5,665	6,007	6,144	47,104
South Dakota	--	--	--	--	--	--	--	--	--
Tennessee	10,329	8,088	11,030	12,927	13,001	11,331	13,040 ^r	12,613	92,359
Texas, northern	10,376	9,930	13,647	15,049 ^r	13,452 ^r	13,869 ^r	15,407 ^r	14,340 ^p	106,070 ^p
Texas, southern	16,217	14,755	14,195	14,955 ^r	14,618 ^r	13,532 ^r	15,751 ^r	14,615 ^p	118,638 ^p
Utah	--	--	--	--	--	--	--	--	--
Vermont	--	--	4	22	28	12	35	17	118
Virginia	4,402	3,705	5,015	5,381	5,820	5,309	5,558	5,663	40,852
Washington	--	--	--	--	--	--	--	--	--
West Virginia	341	254	570	718	719	599	739	619	4,559
Wisconsin	412	204	374	848	670	605	804	766	4,683
Wyoming	--	--	--	--	--	--	--	--	--
Puerto Rico ³	5	4	--	--	15	--	5	5	34
Foreign countries ³	20	3	35	41	59	15	31	19	222
Total shipments ⁴	192,092	160,437	198,981	219,221 ^r	222,334 ^r	201,997 ^r	224,849 ^r	216,658 ^p	1,636,569 ^p

^pPreliminary. ^rRevised. -- Zero.

¹Data are unrounded but are thought to be accurate to no more than three significant digits.

²Includes imported cement and cement manufactured from imported clinker.

³Includes U.S. possessions and territories.

⁴Data may not add to totals shown because of independent rounding.

TABLE 3
SHIPMENTS OF PORTLAND PLUS BLENDED CEMENT BY DESTINATION FOR AUGUST (2014–2019)¹

(Thousand metric tons)

Destination	2014	2015	2016	2017	2018	5-Year average	2019	Percent rate of change to current year from	
								2018	5-Year average
Alabama	90	89	100	101	117	99	116	-0.3	17.1
Alaska	21	20	19	18	19	19	18	-7.3	-9.0
Arizona	149	164	168	195	253 ²	186	207	-18.2	11.3
Arkansas	82	73	76	76	75	76	78	5.2	2.7
California, northern	289	311	334	428	400 ²	352	376	-5.9	6.8
California, southern	503	531	577	625	619 ²	571	623	0.6	9.0
Colorado	203	226	246	257	241	235	279	15.7	18.9
Connecticut	55	59	60	70	56 ²	60	57	1.3	-4.8
Delaware	16	24	20	17	18 ²	19	17	-7.3	-12.6
District of Columbia	19	24	20	20	22	21	21	-2.4	2.4
Florida	448	487	562	597	650 ²	549	621	-4.4	13.1
Georgia	214	243	271	278	320	265	292	-8.7	10.1
Hawaii	28	33	28	28	23	28	34	44.2	19.6
Idaho	43	58	65	62	63 ²	58	95	49.5	62.7
Illinois, excluding Chicago	159	171	174	154	158 ²	163	149	-5.8	-8.8
Illinois, metropolitan Chicago	174	196	186	198	174	186	179	2.6	-3.7
Indiana	186	219	192	228	208 ²	206	223	7.4	8.2
Iowa	221	227	235	263	260 ²	241	256	-1.6	5.9
Kansas	129	141	154	136	136	139	127	-6.5	-8.9
Kentucky	104	118	120	120	108	114	108	-0.4	-5.6
Louisiana	174	199	146	143	159	164	187	18.2	14.3
Maine	23	22	24	27	26	25	27	4.9	11.5
Maryland	114	119	122	115	120	118	127	5.3	7.1
Massachusetts	92	91	110	112	105 ²	102	100	-4.8	-2.2
Michigan	229	246	267	261	262 ²	253	275	5.2	8.9
Minnesota	200	219	220	221	233 ²	219	235	0.6	7.3
Mississippi	77	64	67	59	67	67	73	8.5	9.4
Missouri	169	171	180	187	191 ²	180	182	-5.0	1.2
Montana	36	36	40	44	42	40	46	8.4	15.9
Nebraska	137	157	165	173	171	161	154	-9.8	-4.0
Nevada	98	99	123	118	132 ²	114	136	3.1	19.3
New Hampshire	21	23	21	23	23	22	22	-4.3	-0.2
New Jersey	143	143	145	140	140	142	144	3.5	1.5
New Mexico	54	49	40	54	63	52	66	4.3	27.3
New York, eastern	51	54	56 ²	56 ²	52	54	62	19.0	15.1
New York, western	77	80	83 ²	91	80	82	79	-0.6	-3.3
New York, metropolitan	148	175	176	182	181 ²	172	177	-2.3	2.8
North Carolina	198	197	246	234	248	225	248	0.0	10.5
North Dakota	156	154	156	87	86	128	99	15.1	-22.5
Ohio	333	363	374	382 ²	392	369	392	0.0	6.3
Oklahoma	165	164	157	150	165 ²	160	150	-9.4	-6.6
Oregon	73	72	87	99	103	87	172	65.8	97.9
Pennsylvania, eastern	163	173	192	185	169	177	186	10.0	5.6
Pennsylvania, western	111	113	109	125	122 ²	116	105	-13.5	-9.2
Rhode Island	11	10	11	15	12	12	12	-4.5	-2.5
South Carolina	110	132	160	147	165	143	152	-7.9	6.7
South Dakota	60	61	60	60	69 ²	62	72	4.2	15.7
Tennessee	133	141	154	148	184	152	183	-1.0	20.2
Texas, northern	579	564	576	627	690	607	729	5.6	20.0
Texas, southern	748	741	609	586	772	691	842	9.1	21.8
Utah	106	123	140	162	155	137	161	3.8	17.5
Vermont	15	9	10	12	15	12	13	-12.3	3.1
Virginia	149	155	181	174	192	170	186	-3.0	9.3
Washington	162	168	174	178	218 ²	180	210	-3.3	16.9
West Virginia	53	44	41	48	46	46	42	-8.5	-9.6
Wisconsin	219	234	245	247	242 ²	237	274	13.2	15.5
Wyoming	41	43	29	35	34	36	40	16.3	9.2
Puerto Rico	47	44	43	49	60 ²	49	49	-18.7	0.9
Foreign countries	114	79	82	67	69 ²	82	63	-8.7	-23.3
Total ³	8,722	9,141	9,428 ²	9,700 ²	10,177 ²	9,434	10,348	1.7	9.7

^pPreliminary.

¹Data are unrounded but are thought to be accurate to no more than three significant digits.

²Revised compared with last year's version of this table.

³Data may not add to totals shown because of independent rounding.

TABLE 4
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2018–AUGUST 2019¹

(Metric tons)

District	2018						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	56,333	97,320	104,608	184,286	143,940	174,317	202,923
Pennsylvania	141,377	80,765	216,683	280,369	367,312	329,694	352,634
District subtotal ²	197,709	178,085	321,291	464,655	511,252	504,011	555,556
East North Central:							
Illinois	111,671	58,298	51,553	34,342	105,157	110,766	90,156
Indiana, Ohio	183,215	203,104	264,502	140,653	282,429	309,484	320,828
Michigan	155,189	199,055	183,962	240,353	163,959	156,638	244,631
District subtotal ²	450,075	460,457	500,016	415,348	551,546	576,889	655,614
West North Central:							
Iowa, Nebraska, South Dakota	246,399	196,390	160,351	259,620	277,155	257,709	275,057
Kansas	202,959	50,263	94,870	202,029	210,394	225,325	173,388
Missouri	341,662	638,316	708,672	552,430	882,284	757,213	783,266
District subtotal ²	791,020	884,970	963,893	1,014,080	1,369,833	1,240,246	1,231,711
South Atlantic:							
Florida	525,659	421,483	498,869	500,411	540,857	503,791	535,978
Georgia, Maryland, Virginia, West Virginia	170,367	310,736	382,285	510,049	547,955	475,405	522,435
Puerto Rico	W	W	W	W	W	W	W
South Carolina	122,611	134,578	277,659	294,721	260,310	257,295	211,810
District subtotal ^{2,3}	818,637	866,797	1,158,814	1,305,182	1,349,123	1,236,490	1,270,222
East South Central:							
Alabama, Kentucky, Tennessee	343,467	239,958	469,661	603,626	577,491	568,751	599,219
West South Central:							
Arkansas and Oklahoma	176,490	171,590	184,216	159,251	206,911	211,902	237,951
Texas, northern	244,380	332,318	354,570	502,729	500,994	544,048	488,939
Texas, southern	366,682	409,754	492,007	466,962	518,142	477,289	477,064
District subtotal ²	787,553	913,661	1,030,793	1,128,942	1,226,047	1,233,239	1,203,954
Mountain and Pacific:							
Arizona and New Mexico	175,988	205,392	215,964	207,637	245,750	169,074	252,685
California	639,058	694,596	677,927	801,762	814,961	910,413	904,570
Colorado and Wyoming	209,433	71,555	211,049	211,900	131,079	280,404	317,193
Montana, Nevada, Oregon, Utah, Washington	284,662	164,174	321,842	320,151	336,703	342,261	329,722
District subtotal ²	1,309,141	1,135,718	1,426,782	1,541,451	1,528,493	1,702,151	1,804,171
Grand total ^{2,3}	4,697,603	4,679,646	5,871,250	6,473,283	7,113,786	7,061,778	7,320,449

See footnotes at end of tables.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2018–AUGUST 2019¹

(Metric tons)

District	2018					
	August	September	October	November	December	January–December
New England and Middle Atlantic:						
Maine and New York	168,421	194,846	152,428	133,257	177,005	1,789,685
Pennsylvania	248,983	312,881	279,305	238,580	266,099	3,114,681
District subtotal ²	417,404	507,727	431,733	371,837	443,105	4,904,365
East North Central:						
Illinois	87,011	102,114	108,856	68,677	76,140	1,004,741
Indiana, Ohio	329,995	320,694	257,031	297,811	288,005	3,197,750
Michigan	248,061	271,165	290,897	183,575	293,214	2,630,699
District subtotal ²	665,066	693,972	656,784	550,063	657,359	6,833,190
West North Central:						
Iowa, Nebraska, South Dakota	232,516	205,256	206,967	224,177	221,132	2,762,728
Kansas	221,542	198,968	227,779	212,908	190,945	2,211,371
Missouri	865,544	783,713	798,091	746,337	612,013	8,469,543
District subtotal ²	1,319,602	1,187,937	1,232,837	1,183,423	1,024,090	13,443,643
South Atlantic:						
Florida	506,004	543,167	566,266	518,864	504,457	6,165,807
Georgia, Maryland, Virginia, West Virginia	451,912	512,306	516,509	421,974	381,156	5,203,090
Puerto Rico	W	W	W	W	W	W
South Carolina	229,963	206,949	298,720	229,091	189,701	2,713,408
District subtotal ^{2,3}	1,187,880	1,262,421	1,381,494	1,169,929	1,075,315	14,082,305
East South Central:						
Alabama, Kentucky, Tennessee	520,614	600,156	628,625	451,871	510,596	6,114,036
West South Central:						
Arkansas and Oklahoma	243,752	219,059	187,015	170,887	200,227	2,369,250
Texas, northern	508,309	346,967	440,548	450,922	456,065	5,170,789
Texas, southern	488,147	407,371	468,505	458,277	509,369	5,539,569
District subtotal ²	1,240,208	973,397	1,096,068	1,080,086	1,165,660	13,079,608
Mountain and Pacific:						
Arizona and New Mexico	262,319	125,300	252,107	245,844	249,834	2,607,896
California	813,930	806,265	840,979	804,884	825,251	9,534,597
Colorado and Wyoming	274,379	283,933	255,682	247,875	203,211	2,697,693
Montana, Nevada, Oregon, Utah, Washington	344,723	327,877	338,852	306,058	365,647	3,782,671
District subtotal ²	1,695,351	1,543,376	1,687,619	1,604,661	1,643,944	18,622,857
Grand total ^{2,3}	7,046,126	6,768,986	7,115,160	6,411,870	6,520,069	77,080,004

See footnotes at end of tables.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2018–AUGUST 2019¹

(Metric tons)

District	2019								
	January	February	March	April	May	June	July	August	January–August
New England and Middle Atlantic:									
Maine and New York	62,356	47,222	97,601	108,241	170,322	199,094	226,339	204,450	1,115,625
Pennsylvania	179,534	95,996	277,164	297,638	275,624	326,004	352,303	371,047 ^P	2,175,310 ^P
District subtotal ²	241,890	143,217	374,765	405,879	445,946	525,099	578,643	575,496 ^P	3,290,935 ^P
East North Central:									
Illinois	93,861	56,641	120,623	17,530	82,413	112,703	112,636	114,143	710,550
Indiana, Ohio	237,170	212,324	210,265	199,368	307,646	278,077	271,000	328,834	2,044,682
Michigan	220,461	159,760	228,189	157,615	247,026	265,604	307,088	297,394	1,883,137
District subtotal ²	551,492	428,725	559,076	374,512	637,086	656,384	690,723	740,371	4,638,370
West North Central:									
Iowa, Nebraska, South Dakota	250,356	106,597	190,754	193,338	281,964	294,271	287,624	257,545	1,862,449
Kansas	138,590	105,279	75,251	151,166	194,426	205,414	193,810	206,266	1,270,201
Missouri	394,774	486,796	730,383	568,010	705,758	508,680	825,331	864,576	5,084,309
District subtotal ²	783,720	698,672	996,388	912,515	1,182,148	1,008,365	1,306,765	1,328,387	8,216,960
South Atlantic:									
Florida	529,665	439,893	543,877	457,739	577,743	527,431	531,953	549,011	4,157,313
Georgia, Maryland, Virginia, West Virginia	192,369	307,097	484,037	527,250	520,472	474,751	526,314	507,907	3,540,195
Puerto Rico	W	W	W	W	W	W	W	W	W
South Carolina	243,736	94,781	220,714	288,569	299,546	247,448	288,190	240,119	1,923,104
District subtotal ^{2,3}	965,770	841,771	1,248,629	1,273,558	1,397,761	1,249,630	1,346,458	1,297,037	9,620,613
East South Central:									
Alabama, Kentucky, Tennessee	445,181	385,182	346,566	613,463	639,915	641,652	576,084 ^r	601,025	4,249,067
West South Central:									
Arkansas and Oklahoma	193,382	146,189	166,049	188,161	198,476	229,320	259,757	217,809	1,599,143
Texas, northern	203,364	338,681	422,059	494,533	439,794	489,675	538,535	493,564	3,420,204
Texas, southern	476,464	492,492	409,284	423,881 ^r	496,540 ^r	471,141 ^r	534,189 ^r	429,085 ^P	3,733,075 ^P
District subtotal ²	873,209	977,362	997,392	1,106,575 ^r	1,134,810 ^r	1,190,136 ^r	1,332,481 ^r	1,140,458 ^P	8,752,423 ^P
Mountain and Pacific:									
Arizona and New Mexico	173,622	162,667	207,495	206,144	249,212	245,943	239,845	218,379	1,703,308
California	735,763	591,241	616,531	795,839	931,362	842,383	844,615	790,004	6,147,739
Colorado and Wyoming	286,855	131,391	190,524	176,136	219,868	313,310	284,911	281,988	1,884,983
Montana, Nevada, Oregon, Utah, Washington	212,006	207,028	278,369	250,531	328,260	330,416	342,231	324,856	2,273,696
District subtotal ²	1,408,245	1,092,328	1,292,919	1,428,650	1,728,703	1,732,052	1,711,602	1,615,227	12,009,726
Grand total ^{2,3}	5,269,507	4,567,256	5,815,734	6,115,153 ^r	7,166,369 ^r	7,003,318 ^r	7,542,755 ^r	7,298,000 ^P	50,778,093 ^P

^PPreliminary. ^rRevised. W Withheld to avoid disclosing company proprietary data.

¹Data are unrounded but are thought to be accurate to no more than three significant digits.

²Data may not add to totals shown because of independent rounding.

³Excludes Puerto Rico.

TABLE 5
HYDRAULIC CEMENT AND CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, AUGUST 2019¹

(Metric tons, unless otherwise specified)

Customs district	Australia	Belgium	Canada	China	Colombia	Croatia	Denmark	Egypt
Anchorage, AK	--	--	922	--	--	--	--	--
Baltimore, MD	237	--	--	--	--	1,704	--	--
Boston, MA	--	--	--	--	--	--	--	--
Buffalo, NY	--	--	53,702	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--
Chicago, IL	--	--	--	--	--	--	--	--
Cleveland, OH	--	--	95,732	--	--	--	--	--
Columbia-Snake, OR	--	--	--	--	--	--	--	--
Detroit, MI ³	--	--	130,182	--	--	--	--	--
Duluth, MN	--	--	--	--	--	--	--	--
El Paso, TX ³	--	--	--	152	--	--	--	--
Great Falls, MT	--	--	32,245	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--	--
Houston-Galveston, TX	--	--	--	--	--	--	--	2,546
Laredo, TX	--	--	--	--	--	--	--	--
Los Angeles, CA	--	--	--	85	--	--	--	6,441
Miami, FL	--	--	--	--	--	--	--	2,594
Milwaukee, WI	--	--	10,179	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--	--
New York City, NY	--	--	31,268	--	--	--	5,000	--
Norfolk, VA	--	--	--	--	13,828	--	--	--
Ogdensburg, NY	--	--	28,121	--	--	--	--	--
Pembina, ND	--	--	29,803	--	--	--	--	--
Philadelphia, PA	--	1	--	--	--	--	--	--
Portland, ME	--	--	4,825	--	--	--	--	--
Providence, RI	--	--	28,716	--	--	--	--	--
San Diego, CA	--	--	--	--	--	--	--	--
San Francisco, CA	--	--	--	60,521	--	--	--	1,400
San Juan, PR	--	--	--	--	--	--	--	--
Savannah, GA	--	--	--	17	--	--	--	--
Seattle, WA ³	--	--	112,250	61,630	--	--	--	51
St. Albans, VT	--	--	24,361	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	23,680	--
Wilmington, NC	--	--	--	--	--	--	--	--
Total:								
Quantity ³	237	1	582,306	122,405	13,828	1,704	28,680	13,032
Value ^{2,3}	\$27,319	\$6,598	\$60,250,713	\$7,974,985	\$1,042,204	\$704,289	\$4,111,238	\$1,828,538

See footnotes at end of table.

TABLE 5—Continued

HYDRAULIC CEMENT AND CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, AUGUST 2019¹

(Metric tons, unless otherwise specified)

Customs district	France	Germany	Greece	Hong Kong	Ireland	Japan	Korea, Republic of	Mexico
Anchorage, AK	--	--	--	--	--	--	25,200	--
Baltimore, MD	--	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--
Chicago, IL	--	1	--	--	--	16	--	--
Cleveland, OH	--	--	--	--	--	--	72	--
Columbia-Snake, OR	--	--	--	--	--	--	92,400	--
Detroit, MI ³	--	--	--	--	--	141	--	--
Duluth, MN	--	--	--	--	--	--	--	--
El Paso, TX ³	--	--	--	--	--	--	--	41,272
Great Falls, MT	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--	--
Houston-Galveston, TX	--	--	44,000	--	--	--	--	42,364
Laredo, TX	--	--	--	--	--	--	--	11,949
Los Angeles, CA	--	--	--	23	--	--	--	12,134
Miami, FL	--	--	--	--	--	--	--	--
Milwaukee, WI	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	17,735	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--
New Orleans, LA	19	--	--	--	--	--	--	--
New York City, NY	--	378	--	--	--	17	--	--
Norfolk, VA	21	--	--	--	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--	--
Philadelphia, PA	--	--	43,510	--	--	--	--	--
Portland, ME	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	--
San Diego, CA	--	--	--	--	--	--	--	206
San Francisco, CA	--	--	--	--	--	--	--	20,866
San Juan, PR	--	--	--	--	--	--	--	866
Savannah, GA	--	--	--	--	--	--	--	--
Seattle, WA ³	--	--	--	--	--	--	--	--
St. Albans, VT	--	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--	--
Tampa, FL	--	--	44,093	--	--	--	--	--
Wilmington, NC	--	--	--	--	--	--	--	--
Total:								
Quantity ³	40	379	131,603	23	17,735	174	117,672	129,657
Value ^{2,3}	\$36,884	\$39,692	\$7,525,230	\$8,060	\$1,810,500	\$127,344	\$7,434,652	\$12,846,031

See footnotes at end of table.

TABLE 5—Continued

HYDRAULIC CEMENT AND CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, AUGUST 2019¹

(Metric tons, unless otherwise specified)

Customs district	Netherlands	Poland	Spain	Sweden	Taiwan	Thailand	Tunisia	Turkey	United Kingdom
Anchorage, AK	--	--	--	--	--	--	--	--	--
Baltimore, MD	--	389	--	4	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	10,001	--
Chicago, IL	--	58	--	--	--	--	--	--	--
Cleveland, OH	58	--	--	--	--	--	--	--	--
Columbia-Snake, OR	--	--	--	--	--	--	--	--	--
Detroit, MI ³	--	--	--	--	--	--	--	--	--
Duluth, MN	--	--	--	--	--	--	--	--	--
El Paso, TX ³	--	--	--	--	--	--	--	--	--
Great Falls, MT	--	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	37,900	--	--	--	--
Houston-Galveston, TX	--	608	--	--	--	--	--	189,096	--
Laredo, TX	--	--	22,000	--	--	--	--	--	--
Los Angeles, CA	--	--	--	--	--	378	--	5,032	--
Miami, FL	--	--	12,500	60,499	--	--	--	8,884	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--	45,800	--
New York City, NY	--	--	--	--	--	--	--	23,134	19
Norfolk, VA	--	--	--	--	--	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--	--	--
Philadelphia, PA	54	--	--	--	--	--	--	3,914	12
Portland, ME	--	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	10,000	--
San Diego, CA	--	--	--	--	--	--	--	--	--
San Francisco, CA	--	--	--	--	--	2,025	--	703	--
San Juan, PR	--	--	--	--	--	--	--	30	--
Savannah, GA	--	4	40,021	--	--	--	--	406	--
Seattle, WA ³	--	--	--	--	--	--	--	27	--
St. Albans, VT	--	--	--	--	--	--	--	--	--
St. Louis, MO	18	--	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	11,449	167	--
Wilmington, NC	--	--	--	--	--	--	--	--	--
Total:									
Quantity ³	130	1,059	74,521	60,503	37,900	2,403	11,449	297,194	31
Value ^{2,3}	\$181,639	\$904,875	\$6,433,384	\$4,325,792	\$2,725,010	\$460,696	\$2,011,694	\$21,009,990	\$31,587

See footnotes at end of table.

TABLE 5—Continued
 HYDRAULIC CEMENT AND CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES
 BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, AUGUST 2019¹

(Metric tons, unless otherwise specified)

Customs district	August		Country or locality	January–August	
	Total	January–August		Quantity	Value ²
Anchorage, AK	26,122	78,294	Australia	237	\$27,319
Baltimore, MD	2,334	4,332	Belgium	8	17,203
Boston, MA	--	54	Brazil	48	34,439
Buffalo, NY	53,702	325,285	Canada ³	3,377,470	355,005,131
Charleston, SC	10,001	71,953	China	981,858	62,974,183
Chicago, IL	75	9,437	Colombia	53,987	4,069,499
Cleveland, OH	95,862	440,796	Croatia	13,286	6,068,144
Columbia-Snake, OR	92,400	420,479	Denmark	112,230	15,497,230
Detroit, MI ³	130,323	824,097	Egypt	136,432	18,094,120
Duluth, MN	--	3,337	France	66,476	19,653,863
El Paso, TX ³	41,424	263,950	Germany	574	118,641
Great Falls, MT	32,245	237,202	Greece	1,334,216	86,784,333
Honolulu, HI	37,900	219,355	Hong Kong	23	8,060
Houston-Galveston, TX	278,614	1,944,854	Ireland	17,735	1,810,500
Laredo, TX	33,949	161,753	Italy	4,150	533,050
Los Angeles, CA	24,093	164,703	Japan	498	541,429
Miami, FL	84,477	551,496	Jordan	162	22,547
Milwaukee, WI	10,179	10,179	Korea, Republic of	499,873	31,613,431
Minneapolis, MN	17,735	36,875	Mexico ³	824,679	83,129,485
Mobile, AL	--	77,116	Morocco	12,000	783,000
New Orleans, LA	45,819	103,654	Netherlands	1,864	2,420,367
New York City, NY	59,816	1,022,535	Poland	4,387	4,989,649
Norfolk, VA	13,849	266,591	Portugal	19,000	1,645,812
Ogdensburg, NY	28,121	200,542	South Africa	57	36,818
Pembina, ND	29,803	166,361	Spain	248,450	20,447,957
Philadelphia, PA	47,491	211,962	Sweden	312,193	22,507,367
Portland, ME	4,825	19,730	Taiwan	219,355	15,734,838
Providence, RI	38,716	264,840	Thailand	13,572	2,573,550
San Diego, CA	206	1,440	Tunisia	19,071	3,909,129
San Francisco, CA	85,515	841,488	Turkey	2,679,789	189,335,758
San Juan, PR	896	218,098	United Arab Emirates	23	3,635
Savannah, GA	40,448	219,701	United Kingdom	356	255,984
Seattle, WA ³	173,958	935,653	Total ^{2,3}	10,954,059	950,646,471
St. Albans, VT	24,361	112,740			
St. Louis, MO	18	218			
Tampa, FL	79,389	519,705			
Wilmington, NC	--	3,254			
Total:					
Quantity ³	1,644,666	10,954,059			
Value ^{2,3}	\$143,858,944	\$950,646,471			

-- Zero.

¹Includes white cement and clinker.

²Value = c.i.f. (cost, insurance, and freight).

³Clinker data for the Detroit and Seattle districts and cement data for the El Paso district are thought to be underrepresented.

Source: U.S. Census Bureau.

TABLE 6
 WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT
 AND COUNTRY OR LOCALITY, AUGUST 2019^{1,2}

(Metric tons, unless otherwise specified)

Customs district	Canada	Denmark	Egypt	Mexico	Spain	Thailand	Tunisia	Turkey
Buffalo, NY	7,231	--	--	--	--	--	--	--
Detroit, MI	22,785	--	--	--	--	--	--	--
El Paso, TX	--	--	--	1,761	--	--	--	--
Houston-Galveston, TX	--	--	1,874	--	--	--	--	20,348
Laredo, TX	--	--	--	11,948	--	--	--	--
Los Angeles, CA	--	--	6,441	--	--	378	--	5,032
Miami, FL	--	--	2,594	--	12,500	--	--	8,884
New York City, NY	--	5,000	--	--	--	--	--	134
Ogdensburg, NY	681	--	--	--	--	--	--	--
Philadelphia, PA	--	--	--	--	--	--	--	3,914
San Diego, CA	--	--	--	206	--	--	--	--
San Francisco, CA	--	--	1,400	--	--	2,025	--	703
San Juan, PR	--	--	--	866	--	--	--	30
Savannah, GA	--	--	--	--	40,010	--	--	406
Seattle, WA	--	--	51	--	--	--	--	27
Tampa, FL	--	23,680	--	--	--	--	11,449	167
Total:								
Quantity	30,697	28,680	12,360	14,781	52,510	2,403	11,449	39,645
Value ³	\$4,183,828	\$4,111,238	\$1,793,611	\$2,379,871	\$4,444,506	\$460,696	\$2,011,694	\$5,325,708

See footnotes at end of table.

TABLE 6—Continued
 WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
 BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, AUGUST 2019^{1,2}

(Metric tons, unless otherwise specified)

Customs district	August		Country or locality	January–August	
	Total	January–August		Quantity	Value ³
Buffalo, NY	7,231	49,743	Belgium	2	\$3,686
Charleston, SC	--	7,135	Canada	232,102	31,422,149
Detroit, MI	22,785	178,167	China	919	129,380
El Paso, TX	1,761	16,039	Denmark	112,230	15,497,230
Houston-Galveston, TX	22,222	121,209	Egypt	118,485	16,245,366
Laredo, TX	11,948	111,618	Germany	22	7,613
Los Angeles, CA	11,851	59,538	Italy	82	13,862
Miami, FL	23,978	97,071	Jordan	162	22,547
New Orleans, LA	--	469	Mexico	162,991	23,717,041
New York City, NY	5,134	12,011	Poland	102	24,484
Ogdensburg, NY	681	4,018	Spain	197,659	15,922,303
Philadelphia, PA	3,914	19,912	Thailand	13,572	2,573,550
Providence, RI	--	11,000	Tunisia	19,071	3,909,129
San Diego, CA	206	1,420	Turkey	176,391	26,162,642
San Francisco, CA	4,128	18,958	United Arab Emirates	23	3,635
San Juan, PR	896	11,526	United Kingdom	1	2,529
Savannah, GA	40,416	167,228	Total	1,033,814	135,657,146
Seattle, WA	78	1,644			
St. Albans, VT	--	104			
Tampa, FL	35,296	145,004			
Total:					
Quantity	192,525	1,033,814			
Value ³	\$24,711,152	\$135,657,146			

-- Zero.

¹Data included in table 5.

²Imports calculating to less than about \$100 per metric ton likely are, or include, gray portland cement that was misregistered by the importer under the white cement tariff code.

³Value = c.i.f. (cost, insurance, and freight).

Source: U.S. Census Bureau.

TABLE 7

CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, AUGUST 2019¹

(Metric tons, unless otherwise specified)

Customs district	Canada	Poland	August		Country or locality	January–August	
			Total	January–August		Quantity	Value ²
Anchorage, AK	--	--	--	82	Canada ³	322,606	\$25,295,130
Baltimore, MD	--	389	389	389	China	52	45,225
Charleston, SC	--	--	--	39,999	France	62,551	18,243,792
Chicago, IL	--	--	--	48	Greece	70,380	4,187,230
Cleveland, OH	--	--	--	11	Poland	389	27,650
Detroit, MI ³	55,218	--	55,218	322,096	Spain	772	54,036
Houston-Galveston, TX	--	--	--	106,970	Turkey	402,675	24,468,436
Miami, FL	--	--	--	536	Total	859,425	72,321,499
Mobile, AL	--	--	--	77,000			
New York City, NY	--	--	--	70,380			
Norfolk, VA	--	--	--	62,541			
San Juan, PR	--	--	--	132,772			
Savannah, GA	--	--	--	46,173			
Seattle, WA ³	--	--	--	428			
Total:							
Quantity	55,218	389	55,607	859,425			
Value ²	\$4,323,721	\$27,650	\$4,351,371	\$72,321,499			

-- Zero.

¹Data are included in table 5.²Value = c.i.f. (cost, insurance, and freight).³Data for the Detroit and Seattle districts for imports from Canada are thought to be underrepresented.

Source: U.S. Census Bureau.