

# Mineral Industry Surveys

---

**For information, contact:**

Kenneth C. Curry, Cement Commodity Specialist  
National Minerals Information Center  
U.S. Geological Survey  
989 National Center  
Reston, VA 20192  
Telephone: (703) 648-7793, Fax: (703) 648-7757  
Email: kcurry@usgs.gov

Chanda C. Williams (Data)  
Telephone: (703) 648-7957  
Fax: (703) 648-7975  
Email: chandawilliams@usgs.gov

**Internet:** <https://www.usgs.gov/centers/nmic>

## CEMENT IN SEPTEMBER 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 September 2019.<sup>1</sup> Data on the imports of cement and clinker for September 2019 also are provided.

Total shipments of portland and blended cement, including imports, in the United States and Puerto Rico in September 2019 were 9.4 million metric tons (Mt), an increase of 13% from shipments in September 2018 (tables 2A and 2B). Shipments for the year through September totaled 76.3 Mt, an increase of 3.6% from those for the same period in 2018. The leading producing States for portland and blended cement in September 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 Georgia) received 37% of September shipments (tables 2A and 2B).

Masonry cement shipments totaled 208,000 metric tons in September 2019, an increase of 3.5% from those in September 2018 (table 2C). Shipments for the year through September totaled 1.8 Mt, were about the same as those for the same period in 2018. The leading masonry-cement-consuming States in September 2019 were, in descending order, Florida, Texas, California, North Carolina, and Georgia; these States received 56% of September shipments (table 2C).

Clinker production, excluding Puerto Rico, totaled 6.9 Mt in September 2019, about the same as production in September

2018 (table 4). Production for the year through September totaled 57.7 Mt, about the same as production for the same period in 2018. The leading clinker-producing States in September 2019 were, in descending order, Texas, California, Missouri, Florida, and Alabama.

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, reported 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. September 2019 imports of cement and clinker totaled 1.5 Mt, an increase of 5.5% from imports in September 2018. Imports for the year through September totaled 12.5 Mt, an increase of 8.5% from those for the same period in 2018.

*List services and web feed subscribers are the first to receive notification of USGS minerals information publications and data releases. For more information on how to subscribe, go to <https://www.usgs.gov/centers/nmic/minerals-information-publication-list-services>.*

---

<sup>1</sup>Footnoted 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–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

District	2018						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
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 <sup>3</sup>	253,184	265,208	339,429	442,088	511,127	519,183	514,035
<b>East North Central:</b>							
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	402,183 <sup>r</sup>	424,141	442,095
District subtotal <sup>3</sup>	291,856	295,879	457,132	574,997	860,087 <sup>r</sup>	858,375	895,088
<b>West North Central:</b>							
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	401,603 <sup>r</sup>	441,935 <sup>r</sup>	673,962 <sup>r</sup>	795,764 <sup>r</sup>	1,010,300 <sup>r</sup>	963,149 <sup>r</sup>	965,214 <sup>r</sup>
District subtotal <sup>3</sup>	613,558 <sup>r</sup>	660,817 <sup>r</sup>	993,729 <sup>r</sup>	1,186,945 <sup>r</sup>	1,610,885 <sup>r</sup>	1,553,684 <sup>r</sup>	1,594,936 <sup>r</sup>
<b>South Atlantic:</b>							
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 <sup>3</sup>	1,080,666	1,132,387	1,308,715	1,365,861	1,360,738	1,413,555	1,336,901
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	379,253	411,456	570,886	601,079	626,389	656,110	639,538
<b>West South Central:</b>							
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 <sup>3</sup>	1,057,232	921,772	1,310,022	1,323,724	1,362,298	1,253,712	1,225,575
<b>Mountain and Pacific:</b>							
Arizona and New Mexico	211,862	218,198	277,585	278,932	285,887	280,093	267,956
California	800,123 <sup>r</sup>	838,004 <sup>r</sup>	817,642 <sup>r</sup>	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	259,489 <sup>r</sup>	230,416 <sup>r</sup>	295,531 <sup>r</sup>	333,184 <sup>r</sup>	409,409 <sup>r</sup>	397,650 <sup>r</sup>	394,038
District subtotal <sup>3</sup>	1,449,611 <sup>r</sup>	1,442,714 <sup>r</sup>	1,610,036 <sup>r</sup>	1,725,310 <sup>r</sup>	1,874,300 <sup>r</sup>	1,880,385 <sup>r</sup>	1,828,646
U.S. total <sup>3</sup>	5,125,360 <sup>r</sup>	5,130,234 <sup>r</sup>	6,589,949 <sup>r</sup>	7,220,004 <sup>r</sup>	8,205,823 <sup>r</sup>	8,135,003 <sup>r</sup>	8,034,720 <sup>r</sup>
Imports <sup>4</sup>	623,432 <sup>r</sup>	732,134 <sup>r</sup>	811,108 <sup>r</sup>	971,997 <sup>r</sup>	1,139,117 <sup>r</sup>	1,184,814 <sup>r</sup>	1,250,800 <sup>r</sup>
Grand total <sup>3</sup>	5,748,792 <sup>r</sup>	5,862,367 <sup>r</sup>	7,401,057 <sup>r</sup>	8,192,001 <sup>r</sup>	9,344,940 <sup>r</sup>	9,319,817 <sup>r</sup>	9,285,520 <sup>r</sup>

See footnotes at end of table.

TABLE 1A—Continued  
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

District	2018					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
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 <sup>3</sup>	555,994	488,497	572,240	414,043	346,383	5,221,409
<b>East North Central:</b>						
Illinois	145,171 <sup>r</sup>	111,299	147,773	103,669	69,888	1,193,880 <sup>r</sup>
Indiana, Ohio	371,071 <sup>r</sup>	311,765	417,112	280,425	216,919	3,376,442 <sup>r</sup>
Michigan	440,867 <sup>r</sup>	411,694	449,060	280,092	165,196	3,585,093 <sup>r</sup>
District subtotal <sup>3</sup>	957,109 <sup>r</sup>	834,758	1,013,945	664,186	452,002	8,155,414 <sup>r</sup>
<b>West North Central:</b>						
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	997,245 <sup>r</sup>	883,154 <sup>r</sup>	931,703 <sup>r</sup>	704,466 <sup>r</sup>	542,799 <sup>r</sup>	9,311,293 <sup>r</sup>
District subtotal <sup>3</sup>	1,656,938 <sup>r</sup>	1,423,284 <sup>r</sup>	1,526,109 <sup>r</sup>	1,114,723 <sup>r</sup>	791,256 <sup>r</sup>	14,726,865 <sup>r</sup>
<b>South Atlantic:</b>						
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 <sup>3</sup>	1,509,802	1,209,856	1,526,387	1,222,212	1,054,222	15,521,304
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	698,026	590,398	709,267	487,326	406,040	6,775,768
<b>West South Central:</b>						
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 <sup>3</sup>	1,396,824	1,012,362	1,102,154	1,156,111	1,002,553	14,124,339
<b>Mountain and Pacific:</b>						
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	10,204,495 <sup>r</sup>
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	226,470 <sup>r</sup>	4,099,903 <sup>r</sup>
District subtotal <sup>3</sup>	1,994,926	1,748,703	1,971,687	1,640,689	1,294,119 <sup>r</sup>	20,461,125 <sup>r</sup>
U.S. total <sup>3</sup>	8,769,619 <sup>r</sup>	7,307,860 <sup>r</sup>	8,421,789 <sup>r</sup>	6,699,289 <sup>r</sup>	5,346,576 <sup>r</sup>	84,986,225 <sup>r</sup>
Imports <sup>4</sup>	1,393,278 <sup>r</sup>	1,080,080 <sup>r</sup>	1,379,673 <sup>r</sup>	1,064,031 <sup>r</sup>	863,560 <sup>r</sup>	12,494,025 <sup>r</sup>
Grand total <sup>3</sup>	10,162,897 <sup>r</sup>	8,387,940 <sup>r</sup>	9,801,463 <sup>r</sup>	7,763,320 <sup>r</sup>	6,210,136 <sup>r</sup>	97,480,250 <sup>r</sup>

See footnotes at end of table.

TABLE 1A—Continued  
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

District	2019						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
Maine and New York	104,637	96,153	119,424	165,301	193,462	177,594	195,233
Pennsylvania	191,470	184,110	248,960	339,873	354,530	350,392	381,221
District subtotal <sup>3</sup>	296,108	280,262	368,383	505,174	547,991	527,986	576,454
<b>East North Central:</b>							
Illinois	64,348	55,696	73,626	101,277	114,261	126,544	139,408
Indiana, Ohio	163,017	151,712	213,004	316,451	344,275	366,094	398,816
Michigan	100,655	93,857	132,384	261,373 <sup>r</sup>	387,620	392,765	442,951 <sup>r</sup>
District subtotal <sup>3</sup>	328,019	301,265	419,014	679,101	846,156	885,403	981,175 <sup>r</sup>
<b>West North Central:</b>							
Iowa, Nebraska, South Dakota	89,885	73,760	108,118	217,972	330,992	424,266	460,988
Kansas	126,039	125,531	169,390	213,306	180,324	215,026	239,688
Missouri	469,332	420,312	670,954	853,295	827,342	680,522	823,708
District subtotal <sup>3</sup>	685,256	619,603	948,463	1,284,573	1,338,658	1,319,814	1,524,384
<b>South Atlantic:</b>							
Florida	559,864	551,658	569,455	565,203	574,830	499,431	539,497
Georgia, Maryland, Virginia, West Virginia	391,289	338,371	468,278	519,585	519,834	475,926	522,019
Puerto Rico	47,424	51,140	51,414	57,359	52,668	51,047	50,788
South Carolina	240,843	232,451	266,998	274,726	314,741	247,035	265,646
District subtotal <sup>3</sup>	1,239,420	1,173,620	1,356,145	1,416,872	1,462,074	1,273,439	1,377,950
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	461,662	457,746	549,324	603,343	681,138	633,024	679,560
<b>West South Central:</b>							
Arkansas and Oklahoma	188,855	193,406	214,028	220,296	220,656	240,809	294,157
Texas, northern	443,438	378,357	453,350	495,102	451,553	505,754	584,678
Texas, southern	551,497	528,165	604,184	583,405	553,127	521,867	596,994
District subtotal <sup>3</sup>	1,183,790	1,099,928	1,271,562	1,298,803	1,225,336	1,268,430	1,475,829
<b>Mountain and Pacific:</b>							
Arizona and New Mexico	227,407	169,030	229,266	225,349	239,741	211,018	205,212
California	737,314	593,297	799,764	936,887	914,496	939,166	957,705
Colorado and Wyoming	155,549	143,375	173,062	254,122	284,019	337,073	387,187
Montana, Nevada, Oregon, Utah, Washington	250,516	175,628	271,308	345,823	401,360	396,317	487,892
District subtotal <sup>3</sup>	1,370,785	1,081,331	1,473,400	1,762,182	1,839,616	1,883,574	2,037,996
U.S. total <sup>3</sup>	5,565,039	5,013,755	6,386,291	7,550,049 <sup>r</sup>	7,940,969	7,791,669	8,653,347 <sup>r</sup>
Imports <sup>4</sup>	817,124	686,169	957,066	1,215,933 <sup>r</sup>	1,305,032 <sup>r</sup>	1,284,253 <sup>r</sup>	1,391,053 <sup>r</sup>
Grand total <sup>3</sup>	6,382,164	5,699,924	7,343,357	8,765,982 <sup>r</sup>	9,246,000 <sup>r</sup>	9,075,921 <sup>r</sup>	10,044,400 <sup>r</sup>

See footnotes at end of table.

TABLE 1A—Continued  
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

District	2019		
	August	September	January–September
<b>New England and Middle Atlantic:</b>			
Maine and New York	205,235	188,484 <sup>P</sup>	1,445,523 <sup>P</sup>
Pennsylvania	394,681	375,320 <sup>P</sup>	2,820,556 <sup>P</sup>
District subtotal <sup>3</sup>	599,916	563,804 <sup>P</sup>	4,266,079 <sup>P</sup>
<b>East North Central:</b>			
Illinois	138,530	144,305	957,995
Indiana, Ohio	388,651	367,849 <sup>P</sup>	2,709,868 <sup>P</sup>
Michigan	477,600 <sup>r</sup>	433,328	2,722,533
District subtotal <sup>3</sup>	1,004,781 <sup>r</sup>	945,482 <sup>P</sup>	6,390,395 <sup>P</sup>
<b>West North Central:</b>			
Iowa, Nebraska, South Dakota	402,858	388,670	2,497,508
Kansas	222,130	222,759	1,714,192
Missouri	1,017,280	1,013,063	6,775,809
District subtotal <sup>3</sup>	1,642,268	1,624,493	10,987,510
<b>South Atlantic:</b>			
Florida	542,879	504,327	4,907,142
Georgia, Maryland, Virginia, West Virginia	565,410	547,613 <sup>P</sup>	4,348,325 <sup>P</sup>
Puerto Rico	49,102	45,761	456,703
South Carolina	251,964	232,314	2,326,718
District subtotal <sup>3</sup>	1,409,355	1,330,015 <sup>P</sup>	12,038,889 <sup>P</sup>
<b>East South Central:</b>			
Alabama, Kentucky, Tennessee	703,307	659,912	5,429,015
<b>West South Central:</b>			
Arkansas and Oklahoma	260,742	225,122	2,058,071
Texas, northern	547,377	500,651 <sup>P</sup>	4,360,260 <sup>P</sup>
Texas, southern	618,188	551,577 <sup>P</sup>	5,109,004 <sup>P</sup>
District subtotal <sup>3</sup>	1,426,307	1,277,349 <sup>P</sup>	11,527,335 <sup>P</sup>
<b>Mountain and Pacific:</b>			
Arizona and New Mexico	213,348	178,390	1,898,760
California	994,166	880,642	7,753,437
Colorado and Wyoming	377,814	323,884	2,436,085
Montana, Nevada, Oregon, Utah, Washington	535,885	386,484	3,251,215
District subtotal <sup>3</sup>	2,121,214 <sup>r</sup>	1,769,016	15,339,113
U.S. total <sup>3</sup>	8,907,148 <sup>r</sup>	8,170,454 <sup>P</sup>	65,978,720 <sup>P</sup>
Imports <sup>4</sup>	1,435,726 <sup>r</sup>	1,275,952	10,368,308
Grand total <sup>3</sup>	10,342,874 <sup>r</sup>	9,446,406 <sup>P</sup>	76,347,029 <sup>P</sup>

<sup>P</sup>Preliminary. <sup>r</sup>Revised.

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

<sup>2</sup>Includes cement manufactured from imported clinker.

<sup>3</sup>Data may not add to totals shown because of independent rounding.

<sup>4</sup>As reported by domestic and Canadian cement manufacturers and other importers.

TABLE 1B  
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

District	2018						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
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 <sup>3</sup>	8,408	9,440	12,507	14,944	18,019	17,651	16,643
<b>East North Central:</b>							
Illinois, Indiana, Ohio	11,964	12,489	18,400	17,316	19,334	17,280	17,222
Michigan	2,716 <sup>r</sup>	2,913 <sup>r</sup>	4,138 <sup>r</sup>	6,114 <sup>r</sup>	7,183 <sup>r</sup>	6,921 <sup>r</sup>	7,706 <sup>r</sup>
District subtotal <sup>3</sup>	14,680 <sup>r</sup>	15,402 <sup>r</sup>	22,538 <sup>r</sup>	23,430 <sup>r</sup>	26,517 <sup>r</sup>	24,201 <sup>r</sup>	24,928 <sup>r</sup>
<b>West North Central:</b>							
Iowa, Kansas, Missouri, Nebraska, South Dakota	1,663	2,153	2,742	3,195	3,543	3,211	3,286
<b>South Atlantic:</b>							
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 <sup>3</sup>	75,484	72,862	86,023	90,212	90,455	89,682	100,869
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	16,050	17,387	20,875	20,501	22,173	20,279	21,350
<b>West South Central:</b>							
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 <sup>3</sup>	29,187	29,284	36,544	35,612	38,975	37,534	37,241
<b>Mountain and Pacific:</b>							
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 <sup>3</sup>	21,306	23,157	24,792	19,504	22,454	21,872	23,452
U.S. total <sup>3</sup>	166,778 <sup>r</sup>	169,685 <sup>r</sup>	206,021 <sup>r</sup>	207,399 <sup>r</sup>	222,135 <sup>r</sup>	214,431 <sup>r</sup>	227,768 <sup>r</sup>
Imports <sup>4</sup>	766	846	1,067	1,180	1,435	1,333	1,410
Grand total <sup>3</sup>	167,543 <sup>r</sup>	170,532 <sup>r</sup>	207,088 <sup>r</sup>	208,579 <sup>r</sup>	223,570 <sup>r</sup>	215,764 <sup>r</sup>	229,178 <sup>r</sup>

See footnotes at the end of table.

TABLE 1B—Continued  
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

District	2018					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
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 <sup>3</sup>	17,181	15,380	17,556	12,350	9,466	169,546
<b>East North Central:</b>						
Illinois, Indiana, Ohio	18,326	14,872	17,275	11,880	9,574	185,933
Michigan	7,520 <sup>r</sup>	6,350 <sup>r</sup>	7,294 <sup>r</sup>	3,975 <sup>r</sup>	3,422 <sup>r</sup>	66,251 <sup>r</sup>
District subtotal <sup>3</sup>	25,846 <sup>r</sup>	21,223 <sup>r</sup>	24,568 <sup>r</sup>	15,856 <sup>r</sup>	12,995 <sup>r</sup>	252,184 <sup>r</sup>
<b>West North Central:</b>						
Iowa, Kansas, Missouri, Nebraska, South Dakota	3,620	2,804	2,877	2,119	1,740	32,952
<b>South Atlantic:</b>						
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 <sup>3</sup>	108,234	93,256	114,370	79,276	67,691	1,068,415
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	21,840	18,483	21,166	15,507	12,697	228,308
<b>West South Central:</b>						
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 <sup>3</sup>	38,236	32,224	32,332	30,490	27,421	405,080
<b>Mountain and Pacific:</b>						
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 <sup>3</sup>	17,347	15,717	18,529	15,306	16,857	240,293
U.S. total <sup>3</sup>	232,305 <sup>r</sup>	199,087 <sup>r</sup>	231,398 <sup>r</sup>	170,903 <sup>r</sup>	148,867 <sup>r</sup>	2,396,777 <sup>r</sup>
Imports <sup>4</sup>	1,721	1,458	1,489	907	961 <sup>r</sup>	14,572 <sup>r</sup>
Grand total <sup>3</sup>	234,026 <sup>r</sup>	200,545 <sup>r</sup>	232,887 <sup>r</sup>	171,810 <sup>r</sup>	149,828 <sup>r</sup>	2,411,349 <sup>r</sup>

See footnotes at the end of table.

TABLE 1B—Continued  
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

District	2019						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
Maine and New York	1,369	1,295	1,766	3,340	3,281	3,240	3,823
Pennsylvania	7,660	7,003	10,867	14,323	15,282	13,003	14,418
District subtotal <sup>3</sup>	9,029	8,298	12,633	17,663	18,563	16,242	18,241
<b>East North Central:</b>							
Illinois, Indiana, Ohio	10,562	8,501	13,981	16,026	16,425	14,670	16,715
Michigan	3,670	2,958	4,723	7,196	6,762	6,621	7,727
District subtotal <sup>3</sup>	14,233	11,460	18,703	23,222	23,188	21,291	24,442
<b>West North Central:</b>							
Iowa, Kansas, Missouri, Nebraska, South Dakota	2,488	1,940	3,362	3,550	3,705	4,096	3,971
<b>South Atlantic:</b>							
Florida	49,552	42,024	45,259	46,696	48,094	41,272	45,285
Georgia, Maryland, Virginia, West Virginia	25,837	21,772	27,400	29,859	31,686	27,688	30,407
Puerto Rico	--	--	--	--	--	--	--
South Carolina	16,140	14,026	16,203	16,631	18,414	16,244	17,681
District subtotal <sup>3</sup>	91,529	77,823	88,862	93,187	98,195	85,205	93,373
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	19,346	15,518	18,965	21,407	21,748	19,938	22,437
<b>West South Central:</b>							
Arkansas and Oklahoma	7,678	6,171	7,687	8,870	8,165	8,916	10,405
Texas	24,734	22,905	25,734	27,928	26,002	24,512	28,355
District subtotal <sup>3</sup>	32,413	29,075	33,422	36,797	34,166	33,428	38,760
<b>Mountain and Pacific:</b>							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	4,465	3,230	4,409	4,486	4,622	4,149	3,685
California	17,357	12,192	16,981	17,158	15,998	15,558	16,976
District subtotal <sup>3</sup>	21,822	15,421	21,390	21,645	20,620	19,708	20,661
U.S. total <sup>3</sup>	190,860	159,536	197,337	217,470	220,185	199,907	221,886
Imports <sup>4</sup>	1,227	897	1,644	1,812 <sup>r</sup>	1,828 <sup>r</sup>	1,900 <sup>r</sup>	2,536 <sup>r</sup>
Grand total <sup>3</sup>	192,086	160,433	198,981	219,282 <sup>r</sup>	222,013 <sup>r</sup>	201,807 <sup>r</sup>	224,422 <sup>r</sup>

See footnotes at the end of table.



TABLE 1B—Continued  
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

District	2019		
	August	September	January–September
<b>New England and Middle Atlantic:</b>			
Maine and New York	3,689	3,655	25,458
Pennsylvania	14,389	13,618 <sup>P</sup>	110,561 <sup>P</sup>
District subtotal <sup>3</sup>	18,077	17,273 <sup>P</sup>	136,020 <sup>P</sup>
<b>East North Central:</b>			
Illinois, Indiana, Ohio	16,351	16,122	129,355
Michigan	7,901	5,995	53,553
District subtotal <sup>3</sup>	24,252	22,117	182,908
<b>West North Central:</b>			
Iowa, Kansas, Missouri, Nebraska, South Dakota	3,155	3,133	29,400
<b>South Atlantic:</b>			
Florida	43,137	45,141	406,462
Georgia, Maryland, Virginia, West Virginia	30,550	28,945	254,144
Puerto Rico	--	--	--
South Carolina	16,895	15,721	147,955
District subtotal <sup>3</sup>	90,582	89,806	808,560
<b>East South Central:</b>			
Alabama, Kentucky, Tennessee	21,498	20,043	180,900
<b>West South Central:</b>			
Arkansas and Oklahoma	9,254	8,059	75,205
Texas	26,212	23,790 <sup>P</sup>	230,172 <sup>P</sup>
District subtotal <sup>3</sup>	35,466	31,849 <sup>P</sup>	305,377 <sup>P</sup>
<b>Mountain and Pacific:</b>			
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	3,391	4,085	36,522
California	17,621	16,680	146,521
District subtotal <sup>3</sup>	21,012	20,765	183,044
U.S. total <sup>3</sup>	214,042	204,985 <sup>P</sup>	1,826,208 <sup>P</sup>
Imports <sup>4</sup>	2,257 <sup>F</sup>	2,555	16,655
Grand total <sup>3</sup>	216,299 <sup>F</sup>	207,539 <sup>P</sup>	1,842,863 <sup>P</sup>

<sup>P</sup>Preliminary. <sup>F</sup>Revised. -- Zero.

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

<sup>2</sup>Includes cement manufactured from imported clinker.

<sup>3</sup>Data may not add to totals shown because of independent rounding.

<sup>4</sup>As reported by domestic and Canadian cement manufacturers and other importers.

TABLE 2A  
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(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	502,886 <sup>r</sup>	543,606 <sup>r</sup>	535,870 <sup>r</sup>	586,609 <sup>r</sup>	610,548 <sup>r</sup>	601,340 <sup>r</sup>	570,629 <sup>r</sup>
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	49,205 <sup>r</sup>	50,498 <sup>r</sup>	72,619 <sup>r</sup>	119,902 <sup>r</sup>	200,721 <sup>r</sup>	249,029 <sup>r</sup>	245,907 <sup>r</sup>
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	16,116 <sup>r</sup>	6,959 <sup>r</sup>	19,191 <sup>r</sup>	20,092 <sup>r</sup>	39,759 <sup>r</sup>	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	76,351 <sup>r</sup>	83,812 <sup>r</sup>
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	113,507 <sup>r</sup>	128,987 <sup>r</sup>	191,685 <sup>r</sup>	259,343 <sup>r</sup>	329,022 <sup>r</sup>	323,689 <sup>r</sup>	341,386 <sup>r</sup>
Oklahoma	130,845	105,552	169,745	156,470	166,129	150,404	156,362
Oregon	49,476 <sup>r</sup>	64,268 <sup>r</sup>	90,061 <sup>r</sup>	78,284 <sup>r</sup>	98,517 <sup>r</sup>	114,205 <sup>r</sup>	101,375 <sup>r</sup>
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 <sup>3</sup>	34,097 <sup>r</sup>	38,750 <sup>r</sup>	36,822 <sup>r</sup>	48,980 <sup>r</sup>	58,587 <sup>r</sup>	55,082 <sup>r</sup>	55,404 <sup>r</sup>
Total shipments <sup>4</sup>	5,655,753 <sup>r</sup>	5,762,404 <sup>r</sup>	7,247,816 <sup>r</sup>	8,008,823 <sup>r</sup>	9,105,512 <sup>r</sup>	9,094,848 <sup>r</sup>	9,039,832 <sup>r</sup>

See footnotes at end of table.

TABLE 2A—Continued  
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(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	618,021 <sup>r</sup>	556,322 <sup>r</sup>	614,303 <sup>r</sup>	523,414 <sup>r</sup>	458,977 <sup>r</sup>	6,722,525 <sup>r</sup>
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	264,326 <sup>r</sup>	223,727 <sup>r</sup>	254,895 <sup>r</sup>	185,029 <sup>r</sup>	120,852 <sup>r</sup>	2,036,711 <sup>r</sup>
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	316,243 <sup>r</sup>
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	89,670 <sup>r</sup>	75,667 <sup>r</sup>	85,980 <sup>r</sup>	59,344 <sup>r</sup>	46,979 <sup>r</sup>	699,468 <sup>r</sup>
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	362,372 <sup>r</sup>	326,524 <sup>r</sup>	409,363 <sup>r</sup>	253,700 <sup>r</sup>	202,123 <sup>r</sup>	3,241,701 <sup>r</sup>
Oklahoma	164,648	138,091	171,858	150,677	118,270	1,779,051
Oregon	112,425 <sup>r</sup>	94,686 <sup>r</sup>	106,989 <sup>r</sup>	81,491 <sup>r</sup>	55,931 <sup>r</sup>	1,047,705 <sup>r</sup>
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 <sup>3</sup>	56,161 <sup>r</sup>	50,676 <sup>r</sup>	51,932 <sup>r</sup>	43,425 <sup>r</sup>	31,566 <sup>r</sup>	561,481 <sup>r</sup>
Total shipments <sup>4</sup>	9,893,466 <sup>r</sup>	8,170,420 <sup>r</sup>	9,570,983 <sup>r</sup>	7,578,487 <sup>r</sup>	6,083,443 <sup>r</sup>	95,211,786 <sup>r</sup>

See footnotes at end of table.

TABLE 2A—Continued  
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

Destination	2019						
	January	February	March	April	May	June	July
Alabama	102,850	94,242	121,605	124,846	130,408	111,237	110,685
Alaska	6,235	5,629	6,546	10,628	15,490	18,025	18,453
Arizona	225,028	158,667	220,770	217,100	223,398	201,533	194,556
Arkansas	50,258	50,633	64,904	71,063	68,609	70,104	77,657
California, northern	249,797	185,462	261,078	331,920	334,043	352,280	369,019
California, southern	459,107	370,185	526,860	618,546	585,233	595,829	613,760
Colorado	129,590	130,985	155,157	211,541	204,541	227,937	251,803
Connecticut	26,983	23,752	33,149	48,532	56,395	49,781	56,610
Delaware	5,451	5,878	6,666	7,339	6,929	5,802	6,671
District of Columbia	17,106	13,742	18,722	17,452	16,655	16,331	16,634
Florida	610,536	582,626	624,176	634,731	631,303	556,270	583,533
Georgia	237,045	239,360	274,605	294,451	311,832	262,004	290,130
Hawaii	25,327	22,022	25,800	25,822	26,336	25,962	32,250
Idaho	29,811	18,608	32,562	59,268	78,277	74,195	84,169
Illinois, excluding Chicago	43,168	39,913	65,907	102,780	108,556	124,525	144,492
Illinois, metropolitan Chicago	60,810	40,723	80,381	149,168	149,626	92,967	148,117
Indiana	85,877	78,049	114,125	171,254	194,354	199,474	219,998
Iowa	38,710	29,494	49,492	142,625	180,220	233,673	238,706
Kansas	53,821	42,672	74,732	120,774	93,696	116,834	130,888
Kentucky	56,878	55,863	77,508	104,794	107,022	91,324	101,488
Louisiana	140,765	112,325	160,503	155,539	191,747	158,785	164,494
Maine	7,928	8,039	10,023	15,398	23,235	23,036	24,397 <sup>r</sup>
Maryland	73,982	72,803	102,424	121,219	119,599	111,743	113,669
Massachusetts	59,276	51,430	64,480	91,357 <sup>r</sup>	99,281	90,384	94,304
Michigan	59,127	51,290	68,684	139,742	215,318	219,998	236,849 <sup>r</sup>
Minnesota	46,981	42,266	57,419	79,820 <sup>r</sup>	164,796 <sup>r</sup>	200,157 <sup>r</sup>	217,140 <sup>r</sup>
Mississippi	44,061	42,870	55,962	54,362	61,612	55,946	65,697
Missouri	70,452	73,943	122,269	162,754	140,491	160,150	179,615
Montana	8,031	3,589	7,393	21,484	37,295	36,977	42,376
Nebraska	30,628	17,542	31,163	86,423	80,131	91,273	114,807
Nevada	123,022	102,743	129,473	135,742	135,169	129,657	138,954
New Hampshire	10,573	9,539	11,548	15,878	19,543	18,457	19,695
New Jersey	75,892	68,555	92,612	127,039	125,612	119,557	131,103
New Mexico	43,738	42,074	45,057	54,400	55,514	58,464	61,983
New York, eastern	23,696	21,092	24,627	43,305	51,108	47,112	57,180 <sup>r</sup>
New York, western	20,533	18,001	26,297	57,086	65,517	65,913	61,467 <sup>r</sup>
New York, metropolitan	109,137	110,448	139,655	167,475	181,137	158,205	171,745
North Carolina	196,992	193,461	232,817	244,208	286,710	233,669	255,657
North Dakota	16,528	13,421	18,136	23,792	41,253	73,039	86,777
Ohio	140,806	130,069	197,775	314,644	339,896	332,750	378,666
Oklahoma	140,078	136,573	156,692	161,322	132,643	143,948	182,472
Oregon	83,441	55,081	92,994	96,489	105,443	100,229	132,225
Pennsylvania, eastern	86,074	79,171	109,923	154,493	155,065	148,252	163,379
Pennsylvania, western	51,280	46,010	62,735	85,959	90,775	87,935	95,567
Rhode Island	5,914	4,952	8,107	11,744	13,395	11,534	11,865
South Carolina	126,691	122,386	149,228	141,409	171,685	147,827	153,443
South Dakota	10,551	7,491	10,464	20,694	36,186	54,826	64,608
Tennessee	117,243	121,846	162,280	174,168	179,387	153,964	168,222
Texas, northern	612,780	567,565	657,377	662,128	606,403	643,903	756,687
Texas, southern	688,138	640,558	769,601	769,767	735,697	687,683	800,254
Utah	83,075	68,611	94,111	120,590	132,390	147,429	147,885
Vermont	4,792	4,928	5,009	7,208	11,411	11,436	12,279
Virginia	125,925	128,360	161,199	170,096	170,533	161,885	168,340
Washington	141,189	82,567	145,287	162,348	174,729	177,386	205,963
West Virginia	35,566	34,768	29,751	53,467	39,346	34,393	40,280
Wisconsin	52,509	48,054	69,412	125,045 <sup>r</sup>	214,405 <sup>r</sup>	214,003 <sup>r</sup>	236,853 <sup>r</sup>
Wyoming	13,444	11,210	12,049	19,168	25,094	30,339	36,866
Puerto Rico	23,318	23,552	25,492	32,433	26,841	26,872	25,667
Foreign countries <sup>3</sup>	31,157	22,158	33,960	38,111	53,875	49,802	55,400
Total shipments <sup>4</sup>	6,249,703	5,579,843	7,188,734	8,582,941 <sup>r</sup>	9,033,190 <sup>r</sup>	8,845,004 <sup>r</sup>	9,764,447 <sup>r</sup>

See footnotes at end of table.

TABLE 2A—Continued  
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

Destination	2019		
	August	September	January–September
Alabama	113,290	111,512	1,020,675
Alaska	17,738	16,782	115,526
Arizona	203,871	176,478	1,821,401
Arkansas	78,414	74,267	605,909
California, northern	375,585	329,855	2,789,039
California, southern	622,604	552,428	4,944,553
Colorado	259,043	234,662	1,805,258
Connecticut	57,144	51,936	404,282
Delaware	6,961	6,525	58,223
District of Columbia	21,377	17,656	155,675
Florida	590,472	531,179	5,344,826
Georgia	290,686	293,611	2,493,724
Hawaii	33,774	32,733	250,025
Idaho	94,632	65,636	537,158
Illinois, excluding Chicago	147,214	149,852	926,406
Illinois, metropolitan Chicago	178,869	142,986	1,043,646
Indiana	223,351	228,522	1,515,002
Iowa	240,507	208,674	1,362,101
Kansas	119,630	126,590	879,637
Kentucky	106,936	113,678	815,490
Louisiana	183,907	177,590 <sup>P</sup>	1,445,656 <sup>P</sup>
Maine	27,367	25,505	164,927
Maryland	125,931	116,314 <sup>P</sup>	957,683 <sup>P</sup>
Massachusetts	99,146	95,000	744,659
Michigan	265,040 <sup>F</sup>	232,697	1,488,743
Minnesota	226,568 <sup>F</sup>	199,111	1,234,257
Mississippi	70,263	72,382	523,157
Missouri	174,191	169,554	1,253,420
Montana	44,664	42,833	244,642
Nebraska	113,559	107,139	672,664
Nevada	133,252	119,648	1,147,659
New Hampshire	22,030	20,630	147,894
New Jersey	143,238	134,441	1,018,048
New Mexico	65,879	62,750	489,861
New York, eastern	59,509 <sup>F</sup>	49,877	377,506
New York, western	78,799	74,019 <sup>P</sup>	467,634 <sup>P</sup>
New York, metropolitan	176,894	165,249	1,379,945
North Carolina	247,878	210,280	2,101,672
North Dakota	99,097	94,732	466,775
Ohio	391,224	389,029 <sup>P</sup>	2,614,860 <sup>P</sup>
Oklahoma	149,720	145,813	1,349,261
Oregon	171,601	103,519	941,021
Pennsylvania, eastern	168,853	166,820	1,232,028
Pennsylvania, western	102,361 <sup>F</sup>	96,525 <sup>P</sup>	719,148 <sup>P</sup>
Rhode Island	11,681	10,976	90,168
South Carolina	150,844	140,677	1,304,190
South Dakota	69,787	71,307	345,914
Tennessee	180,113	178,659	1,435,882
Texas, northern	726,738	676,617 <sup>P</sup>	5,910,197 <sup>P</sup>
Texas, southern	827,163	680,968 <sup>P</sup>	6,599,831 <sup>P</sup>
Utah	158,689	141,255	1,094,036
Vermont	12,458	12,517	82,038
Virginia	177,979	168,659	1,432,976
Washington	204,668	161,423	1,455,560
West Virginia	40,403	38,792 <sup>P</sup>	346,767 <sup>P</sup>
Wisconsin	267,994 <sup>F</sup>	250,822	1,479,098
Wyoming	39,752	35,844	223,765
Puerto Rico	26,114	23,412	233,701
Foreign countries <sup>3</sup>	63,071	52,847	400,382
Total shipments <sup>4</sup>	10,080,525 <sup>F</sup>	9,181,794 <sup>P</sup>	74,506,179 <sup>P</sup>

<sup>P</sup>Preliminary. <sup>F</sup>Revised.

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

<sup>2</sup>Includes imported cement and cement manufactured from imported clinker.

<sup>3</sup>As reported by domestic and Canadian cement manufacturers and other importers.

<sup>4</sup>Data may not add to totals shown because of independent rounding.

TABLE 2B  
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1, 2, 3</sup>

(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 <sup>4</sup>	--	--	--	--	--	--	--
Total shipments <sup>5</sup>	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–SEPTEMBER 2019<sup>1, 2, 3</sup>

(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	170 <sup>r</sup>	5,731 <sup>r</sup>
New York, western	777	460	1,299	495	156 <sup>r</sup>	5,060 <sup>r</sup>
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 <sup>4</sup>	450	--	47	141	--	638
Total shipments <sup>5</sup>	269,431	217,519	230,479	184,834	126,693 <sup>r</sup>	2,268,463 <sup>r</sup>

See footnotes at end of table.

TABLE 2B—Continued  
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2,3</sup>

(Metric tons)

Destination	2019						
	January	February	March	April	May	June	July
Alabama	1,090	885	880	1,466	954	4,431	4,661
Alaska	--	--	--	--	--	--	--
Arizona	2,683	2,146	3,836	3,994	3,896	3,086	2,981
Arkansas	--	--	--	--	--	--	--
California, northern	656	437	1,252	1,820	2,120	1,542	1,643
California, southern	--	--	--	--	--	--	--
Colorado	3,383	3,884	7,520	8,852	9,932	9,256	13,396
Connecticut	--	--	--	--	--	--	--
Delaware	6,604	7,087	8,424	9,449	10,064	9,510	10,449
District of Columbia	--	--	--	--	--	--	--
Florida	29,738	25,751	30,501	30,715	28,193	29,192	29,342
Georgia	618	428	689	1,099	1,309	1,164	1,289
Hawaii	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	1,745	1,361	1,733	734	697	939	2,128
Illinois, metropolitan Chicago	23	44	42	82	146	--	--
Indiana	--	--	--	--	--	--	--
Iowa	2,137	1,891	2,547	8,295	10,743	16,504	20,800
Kansas	375	273	807	70	2,171	4,013	4,903
Kentucky	676	522	541	440	484	596	689
Louisiana	1,274	1,890	1,892	1,255	5,373	4,400	3,569
Maine	--	--	--	--	--	--	29 <sup>r</sup>
Maryland	812	106	228	--	941	253	678
Massachusetts	199	431	271	173	904	349	567
Michigan	209	327	879	883 <sup>r</sup>	3,125 <sup>r</sup>	3,283 <sup>r</sup>	7,587 <sup>r</sup>
Minnesota	--	--	--	1,392 <sup>r</sup>	2,932 <sup>r</sup>	5,921 <sup>r</sup>	4,974 <sup>r</sup>
Mississippi	3,784	3,499	3,363	3,072	3,557	3,574	3,388
Missouri	1,629	1,333	1,281	1,931	5,394	8,513	8,009
Montana	285	26	340	837	930	1,060	1,134
Nebraska	2,844	1,926	5,291	19,063	23,493	31,726	52,285
Nevada	1,159	1,076	3,604	2,706	3,145	3,184	3,512
New Hampshire	--	--	--	218	193	24	--
New Jersey	1,232	1,285	1,517	1,170	1,206	1,318	1,064
New Mexico	371	437	675	723	479	291	296
New York, eastern	46	162	142	328	590	633	1,348
New York, western	94	53	5	130 <sup>r</sup>	637 <sup>r</sup>	463 <sup>r</sup>	2,593 <sup>r</sup>
New York, metropolitan	180	195	202	367	184	306	486
North Carolina	218	240	294	454	815	534	286
North Dakota	--	--	--	--	--	--	--
Ohio	944	369	484	392	485	415	554
Oklahoma	--	--	--	--	111	154	--
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	4,345	4,134	9,332	15,395	16,772	15,338	19,689
Pennsylvania, western	873	793	1,045	1,926	1,877	2,129	2,536
Rhode Island	--	--	--	--	--	--	--
South Carolina	1,832	1,084	1,191	1,262	1,631	1,374	1,517
South Dakota	189	45	207	753	2,302	2,428	2,263
Tennessee	2,784	3,992	3,310	1,908	2,380	2,799	2,341
Texas, northern	1,401	2,856	1,950	1,935	1,043	1,361	1,559
Texas, southern	13,594	13,007	16,141	14,109	13,721	12,291	16,147
Utah	1,911	1,682	2,163	1,938	2,175	1,939	2,071
Vermont	53	29	77	147	171	97	215
Virginia	7,879	4,755	6,412	4,863	5,014	6,114	8,506
Washington	6,772	2,845	6,466	9,569	10,036	8,551	6,443
West Virginia	997	1,214	923	1,268	1,715	1,442	1,453
Wisconsin	718	244	246	933 <sup>r</sup>	2,942 <sup>r</sup>	4,245 <sup>r</sup>	5,679 <sup>r</sup>
Wyoming	--	--	--	--	--	--	--
Puerto Rico	24,049	25,337	25,781	24,748	25,828	24,176	24,897
Foreign countries <sup>4</sup>	56	--	141	178	--	--	--
Total shipments <sup>5</sup>	132,461	120,081	154,623	183,041 <sup>r</sup>	212,810 <sup>r</sup>	230,918 <sup>r</sup>	279,954 <sup>r</sup>

See footnotes at end of table.



TABLE 2B—Continued  
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2,3</sup>

(Metric tons)

Destination	2019		
	August	September	January–September
Alabama	3,188	3,717	21,272
Alaska	--	--	--
Arizona	2,886	2,563	28,072
Arkansas	--	--	--
California, northern	875	1,121	11,467
California, southern	--	--	--
Colorado	20,010	16,163	92,396
Connecticut	--	--	--
Delaware	9,645	9,414	80,647
District of Columbia	--	--	--
Florida	30,372	26,942	260,746
Georgia	1,214	1,130	8,939
Hawaii	--	--	--
Idaho	--	--	--
Illinois, excluding Chicago	1,629	1,170	12,135
Illinois, metropolitan Chicago	--	--	337
Indiana	--	--	--
Iowa	15,110	17,639	95,668
Kansas	7,068	10,438	30,119
Kentucky	665	690	5,302
Louisiana	3,558	2,366	25,576
Maine	--	--	29
Maryland	649	494	4,159
Massachusetts	562	435	3,892
Michigan	6,546 <sup>r</sup>	10,860	33,698
Minnesota	6,032 <sup>r</sup>	4,293	25,544
Mississippi	2,986	3,539	30,762
Missouri	7,559	8,815	44,464
Montana	1,302	1,358	7,272
Nebraska	40,859	53,253	230,739
Nevada	2,717	2,430	23,534
New Hampshire	142	184	760
New Jersey	1,147	1,232	11,171
New Mexico	267	136	3,675
New York, eastern	2,129 <sup>r</sup>	1,042	6,421
New York, western	1,136 <sup>r</sup>	533	5,643
New York, metropolitan	301	327	2,548
North Carolina	456	318	3,615
North Dakota	--	--	--
Ohio	572	484	4,698
Oklahoma	--	112	376
Oregon	--	--	--
Pennsylvania, eastern	17,620	16,878	119,503
Pennsylvania, western	2,814	2,540	16,533
Rhode Island	--	--	--
South Carolina	1,603	1,714	13,208
South Dakota	2,077	2,210	12,473
Tennessee	2,546	2,693	24,753
Texas, northern	1,924	364	14,392
Texas, southern	14,817	13,083	126,910
Utah	2,545	2,233	18,655
Vermont	326	152	1,266
Virginia	8,254	7,015	58,811
Washington	5,707	4,881	61,270
West Virginia	1,491	1,348	11,851
Wisconsin	6,057 <sup>r</sup>	5,526	26,590
Wyoming	--	--	--
Puerto Rico	22,988	20,769	218,573
Foreign countries <sup>4</sup>	--	9	384
Total shipments <sup>5</sup>	262,350 <sup>r</sup>	264,612	1,840,850

<sup>r</sup>Revised. -- Zero.

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

<sup>2</sup>Includes imported cement and cement manufactured from imported clinker.

<sup>3</sup>Blended cement defined per ASTM standard C595.

<sup>4</sup>Includes U.S. possessions and territories.

<sup>5</sup>Data may not add to totals shown because of independent rounding.

TABLE 2C  
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(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	1,987 <sup>†</sup>	2,047 <sup>†</sup>	2,978 <sup>†</sup>	4,366 <sup>†</sup>	4,798 <sup>†</sup>	5,238 <sup>†</sup>	5,334 <sup>†</sup>
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 <sup>3</sup>	24	5	40	69	19	14	90
Total shipments <sup>4</sup>	167,543 <sup>†</sup>	170,532 <sup>†</sup>	207,088 <sup>†</sup>	208,579 <sup>†</sup>	223,570 <sup>†</sup>	215,764 <sup>†</sup>	229,178 <sup>†</sup>

See footnotes at end of table.

TABLE 2C—Continued  
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(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	5,000 <sup>r</sup>	4,561 <sup>r</sup>	5,041 <sup>r</sup>	2,491 <sup>r</sup>	2,573 <sup>r</sup>	46,415 <sup>r</sup>
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 <sup>3</sup>	34	9	84	39	13	439
Total shipments <sup>4</sup>	234,026 <sup>r</sup>	200,545 <sup>r</sup>	232,887 <sup>r</sup>	171,810 <sup>r</sup>	149,828 <sup>r</sup>	2,411,349 <sup>r</sup>

See footnotes at end of table.

TABLE 2C—Continued  
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

Destination	2019						
	January	February	March	April	May	June	July
Alabama	6,148	5,139	6,720	6,987	7,093	6,703	7,366
Alaska	--	--	--	--	--	--	--
Arizona	3,714	2,826	3,846	4,073	3,967	3,653	3,622
Arkansas	3,306	2,715	3,475	4,313	3,629	2,993	4,773
California, northern	3,305	2,044	1,947	3,029	2,273	2,335	1,913
California, southern	13,789	9,908	14,772	13,845	13,414	12,934	14,308
Colorado	424	271	252	397	466	390	442
Connecticut	649	551	727	1,464	1,716	1,671	1,851
Delaware	316	281	373	492	409	378	487
District of Columbia	--	--	--	--	--	--	--
Florida	51,079	43,702	47,064	48,167	49,899	42,780	46,887
Georgia	12,638	10,875	12,172	13,816	13,691	12,225	13,436
Hawaii	91	53	151	103	139	103	103
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	194	76	500	591	923	977	869
Illinois, metropolitan Chicago	613	514	990	1,305	1,236	1,613	1,545
Indiana	3,132	2,253	3,835	3,685	4,794	4,599	4,277
Iowa	259	178	347	222	277	948	1,061
Kansas	276	180	349	176	287	277	215
Kentucky	2,908	2,497	3,954	4,003	3,988	3,588	4,316
Louisiana	3,915	2,986	3,611	3,861	3,872	3,338	3,719
Maine	47	42	7	50	16	25	41
Maryland	1,714	1,584	2,344	2,723	2,744	2,519	2,780
Massachusetts	336	320	540	836	875	794	968
Michigan	2,642	2,217	3,476	5,439 <sup>f</sup>	4,911 <sup>f</sup>	5,016 <sup>f</sup>	5,983 <sup>f</sup>
Minnesota	19	--	46	--	61	69	65
Mississippi	2,720	2,458	2,354	2,850	2,995	2,605	2,916
Missouri	655	513	738	1,077	1,054	878	924
Montana	--	--	18	4	--	22	19
Nebraska	--	--	--	--	--	24	24
Nevada	263	251	262	285	311	290	263
New Hampshire	--	164	278	598	506	459	588
New Jersey	2,303	1,919	2,870	4,065	3,866	3,494	4,185
New Mexico	440	142	378	31	247	145	161
New York, eastern	317	279	475	679	604	707	636
New York, western	454	627	597	792 <sup>f</sup>	706 <sup>f</sup>	699 <sup>f</sup>	935 <sup>f</sup>
New York, metropolitan	1,961	1,959	2,761	3,772	3,954	3,505	4,113
North Carolina	13,391	10,742	13,527	13,824	15,823	13,265	14,812
North Dakota	22	--	24	61	40	96	122
Ohio	3,910	3,053	5,337	6,984	6,876	5,914	7,394
Oklahoma	3,135	2,194	2,461	2,975	2,689	3,650	3,438
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	2,009	1,855	2,771	4,118	4,964	3,448	3,540
Pennsylvania, western	1,044	1,016	1,702	1,658	1,921	1,706	1,887
Rhode Island	4	7	10	72	44	38	64
South Carolina	5,851	5,101	6,048	5,921	6,365	5,665	6,007
South Dakota	--	--	--	--	--	--	--
Tennessee	10,329	8,088	11,030	12,927	13,001	11,331	13,040
Texas, northern	10,376	9,930	13,647	15,049	13,452	13,869	15,407
Texas, southern	16,217	14,755	14,195	14,955	14,618	13,532	15,751
Utah	--	--	--	--	--	--	--
Vermont	--	--	4	22	28	12	35
Virginia	4,402	3,705	5,015	5,381	5,820	5,309	5,558
Washington	--	--	--	--	--	--	--
West Virginia	341	254	570	718	719	599	739
Wisconsin	412	204	374	848	670	605	804
Wyoming	--	--	--	--	--	--	--
Puerto Rico	5	4	--	--	15	--	5
Foreign countries <sup>3</sup>	20	3	35	41	59	15	31
Total shipments <sup>4</sup>	192,092	160,437	198,981	219,282 <sup>f</sup>	222,027 <sup>f</sup>	201,807 <sup>f</sup>	224,428 <sup>f</sup>

See footnotes at end of table.

TABLE 2C—Continued  
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2018–SEPTEMBER 2019<sup>1,2</sup>

(Metric tons)

Destination	2019		
	August	September	January–September
Alabama	6,534	7,005	59,696
Alaska	--	--	--
Arizona	3,475	3,627	32,804
Arkansas	3,545	3,977	32,726
California, northern	2,885	2,352	22,084
California, southern	13,882	14,208	121,059
Colorado	433	346	3,421
Connecticut	1,715	1,832	12,174
Delaware	432	351	3,519
District of Columbia	--	--	--
Florida	44,949	46,687	421,214
Georgia	13,398	12,836	115,087
Hawaii	68	78	886
Idaho	--	--	--
Illinois, excluding Chicago	585	530	5,245
Illinois, metropolitan Chicago	1,424	1,582	10,823
Indiana	4,112	4,110	34,796
Iowa	385	141	3,817
Kansas	289	258	2,306
Kentucky	4,101	4,237	33,592
Louisiana	3,813	3,315	32,429
Maine	34	35	298
Maryland	2,915	2,589	21,912
Massachusetts	889	741	6,299
Michigan	6,182 <sup>r</sup>	4,442	40,309
Minnesota	115	33	408
Mississippi	2,772	2,617	24,287
Missouri	849	884	7,571
Montana	38	23	123
Nebraska	--	50	98
Nevada	167	119	2,212
New Hampshire	586	533	3,712
New Jersey	3,831	3,829	30,363
New Mexico	163	178	1,885
New York, eastern	748	932	5,376
New York, western	953 <sup>r</sup>	1,149	6,912
New York, metropolitan	4,100	3,831	29,957
North Carolina	14,485	13,351	123,219
North Dakota	112	121	598
Ohio	7,302	6,691	53,462
Oklahoma	3,232	2,753	26,527
Oregon	--	--	--
Pennsylvania, eastern	4,000	3,614	30,320
Pennsylvania, western	1,983	1,787 <sup>p</sup>	14,704 <sup>p</sup>
Rhode Island	24	59	321
South Carolina	6,144	5,175	52,279
South Dakota	--	--	--
Tennessee	12,613	11,944	104,303
Texas, northern	14,340	12,659 <sup>p</sup>	118,729 <sup>p</sup>
Texas, southern	14,615	13,247 <sup>p</sup>	131,885 <sup>p</sup>
Utah	--	--	--
Vermont	17	11	129
Virginia	5,663	5,175	46,027
Washington	--	--	--
West Virginia	619	706	5,264
Wisconsin	766	770	5,453
Wyoming	--	--	--
Puerto Rico	5	2	36
Foreign countries <sup>3</sup>	19	19	241
Total shipments <sup>4</sup>	216,305 <sup>r</sup>	207,541 <sup>p</sup>	1,842,899 <sup>p</sup>

<sup>p</sup>Preliminary. <sup>r</sup>Revised. -- Zero.

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

<sup>2</sup>Includes imported cement and cement manufactured from imported clinker.

<sup>3</sup>Includes U.S. possessions and territories.

<sup>4</sup>Data may not add to totals shown because of independent rounding.

TABLE 3  
SHIPMENTS OF PORTLAND PLUS BLENDED CEMENT BY DESTINATION FOR SEPTEMBER (2014–2019)<sup>1</sup>

(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	88	90	100	103	101	96	115	14.1	19.7
Alaska	20	19	16	16	16	18	17	3.8	-4.2
Arizona	136	148	158	176	225 <sup>2</sup>	169	179	-20.5	6.2
Arkansas	89	83	77	73	68	78	74	9.3	-5.0
California, northern	280	310	303	365	334 <sup>2</sup>	319	331	-1.0	3.9
California, southern	492	494	513	533	556 <sup>2</sup>	518	552	-0.7	6.7
Colorado	214	222	228	226	210	220	251	19.4	14.0
Connecticut	57	61	55	50	48 <sup>2</sup>	54	52	7.5	-4.5
Delaware	15	23	15	14	15	16	16	8.8	-2.4
District of Columbia	16	24	18	19	18	19	18	0.7	-7.2
Florida	447	489	536	404	548 <sup>2</sup>	484	558	1.9	15.2
Georgia	215	243	263	249	295	253	295	-0.1	16.5
Hawaii	28	30	25	26	21	26	33	58.1	26.2
Idaho	50	51	53	54	63	54	66	5.0	21.2
Illinois, excluding Chicago	172	159	174	155	140 <sup>2</sup>	160	151	7.9	-5.7
Illinois, metropolitan Chicago	198	180	166	158	167	174	143	-14.2	-17.6
Indiana	201	223	180	191	190	197	229	20.1	16.0
Iowa	255	224	208	223	206 <sup>2</sup>	223	226	9.9	1.4
Kansas	123	137	131	116	111	123	137	23.4	11.0
Kentucky	110	122	112	94	88	105	114	29.4	8.8
Louisiana	186	202	166	172	122	170	180 <sup>P</sup>	47.0	6.0
Maine	25	23	23	24	21	23	26	20.2	9.9
Maryland	119	119	106	109	83	107	117 <sup>P</sup>	40.7	9.1
Massachusetts	96	94	100	111	92	99	95	3.3	-3.2
Michigan	252	250	214	244	230 <sup>2</sup>	238	244	5.9	2.3
Minnesota	212	209	194	203	189 <sup>2</sup>	201	203	7.6	1.0
Mississippi	79	67	78	64	55	69	76	39.0	10.8
Missouri	170	190	185	177	167 <sup>2</sup>	178	178	6.6	0.3
Montana	37	38	36	39	37	38	44	20.1	17.7
Nebraska	150	162	154	167	136	154	160	18.2	4.4
Nevada	99	95	120	106	116 <sup>2</sup>	107	122	5.5	13.7
New Hampshire	22	22	19	20	19	20	21	11.0	3.3
New Jersey	146	136	133	133	109	131	136	24.0	3.2
New Mexico	51	44	35	47	52	46	63	20.2	37.7
New York, eastern	59	55	61	50	46	54	51	11.4	-5.8
New York, western	89	76	81	81	76 <sup>2</sup>	80	75 <sup>P</sup>	-2.1	-7.3
New York, metropolitan	146	157	158	164	153 <sup>2</sup>	156	166	8.1	6.3
North Carolina	193	176	208	218	195	198	211	8.2	6.5
North Dakota	179	160	131	78	72	124	95	31.9	-23.5
Ohio	361	358	338	340	327 <sup>2</sup>	345	390 <sup>P</sup>	19.1	12.9
Oklahoma	161	159	139	131	139 <sup>2</sup>	146	146	5.3	0.1
Oregon	65	80	83	101	95 <sup>2</sup>	85	104	9.3	22.2
Pennsylvania, eastern	177	179	160	169	141 <sup>2</sup>	165	184	30.6	11.3
Pennsylvania, western	133	107	102	111	95 <sup>2</sup>	110	99 <sup>P</sup>	3.9	-9.7
Rhode Island	13	11	9	10	11	11	11	3.2	2.7
South Carolina	106	134	132	127	133	126	142	7.3	12.8
South Dakota	63	56	66	63	56	61	74	32.4	21.2
Tennessee	135	135	153	142	143	142	181	26.7	28.0
Texas, northern	595	556	570	616	555	579	677 <sup>P</sup>	22.1	17.0
Texas, southern	662	755	662	599	473	630	694 <sup>P</sup>	46.6	10.1
Utah	133	121	132	141	129	131	143	11.3	9.4
Vermont	15	9	13	12	14	13	13	-9.5	-0.8
Virginia	161	153	155	168	139	155	176	26.2	13.3
Washington	166	168	167	168	168	167	166	-1.3	-0.7
West Virginia	56	40	39	43	36	43	40 <sup>P</sup>	11.2	-6.1
Wisconsin	241	219	216	212	220 <sup>2</sup>	222	256	16.3	15.6
Wyoming	45	44	26	28	26	34	36	35.6	5.7
Puerto Rico	50	46	42	33	48 <sup>2</sup>	44	44	-8.1	0.7
Foreign countries	109	94	76	56	51 <sup>2</sup>	77	53	4.3	-31.4
Total <sup>3</sup>	8,962	9,030	8,816	8,720	8,388 <sup>2</sup>	8,783	9,446 <sup>P</sup>	12.6	7.6

<sup>P</sup>Preliminary.

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

<sup>2</sup>Revised compared with last year's version of this table.

<sup>3</sup>Data may not add to totals shown because of independent rounding.

TABLE 4  
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2018–SEPTEMBER 2019<sup>1</sup>

(Metric tons)

District	2018						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
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 <sup>2</sup>	197,709	178,085	321,291	464,655	511,252	504,011	555,556
<b>East North Central:</b>							
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	155,270 <sup>†</sup>	199,054 <sup>†</sup>	183,961 <sup>†</sup>	240,353	163,959	237,355 <sup>†</sup>	244,629 <sup>†</sup>
District subtotal <sup>2</sup>	450,156 <sup>†</sup>	460,456 <sup>†</sup>	500,015 <sup>†</sup>	415,348	551,546	657,606 <sup>†</sup>	655,613 <sup>†</sup>
<b>West North Central:</b>							
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 <sup>2</sup>	791,020	884,970	963,893	1,014,080	1,369,833	1,240,246	1,231,711
<b>South Atlantic:</b>							
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 <sup>2, 3</sup>	818,637	866,797	1,158,814	1,305,182	1,349,123	1,236,490	1,270,222
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	343,467	239,958	469,661	603,626	577,491	568,751	599,219
<b>West South Central:</b>							
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 <sup>2</sup>	787,553	913,661	1,030,793	1,128,942	1,226,047	1,233,239	1,203,954
<b>Mountain and Pacific:</b>							
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 <sup>2</sup>	1,309,141	1,135,718	1,426,782	1,541,451	1,528,493	1,702,151	1,804,171
Grand total <sup>2, 3</sup>	4,697,683 <sup>†</sup>	4,679,645 <sup>†</sup>	5,871,249 <sup>†</sup>	6,473,283	7,113,786	7,142,494 <sup>†</sup>	7,320,447 <sup>†</sup>

See footnotes at end of tables.

TABLE 4—Continued  
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2018–SEPTEMBER 2019<sup>1</sup>

(Metric tons)

District	2018					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
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 <sup>2</sup>	417,404	507,727	431,733	371,837	443,105	4,904,365
<b>East North Central:</b>						
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	248,059 <sup>r</sup>	271,163 <sup>r</sup>	290,896 <sup>r</sup>	183,574 <sup>r</sup>	293,212 <sup>r</sup>	2,711,485 <sup>r</sup>
District subtotal <sup>2</sup>	665,065 <sup>r</sup>	693,970 <sup>r</sup>	656,783 <sup>r</sup>	550,062 <sup>r</sup>	657,357 <sup>r</sup>	6,913,976 <sup>r</sup>
<b>West North Central:</b>						
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 <sup>2</sup>	1,319,602	1,187,937	1,232,837	1,183,423	1,024,090	13,443,643
<b>South Atlantic:</b>						
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 <sup>2,3</sup>	1,187,880	1,262,421	1,381,494	1,169,929	1,075,315	14,082,305
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	520,614	600,156	628,625	451,871	510,596	6,114,036
<b>West South Central:</b>						
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 <sup>2</sup>	1,240,208	973,397	1,096,068	1,080,086	1,165,660	13,079,608
<b>Mountain and Pacific:</b>						
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 <sup>2</sup>	1,695,351	1,543,376	1,687,619	1,604,661	1,643,944	18,622,857
Grand total <sup>2,3</sup>	7,046,124 <sup>r</sup>	6,768,984 <sup>r</sup>	7,115,159 <sup>r</sup>	6,411,869 <sup>r</sup>	6,520,067 <sup>r</sup>	77,160,791 <sup>r</sup>

See footnotes at end of tables.



TABLE 4—Continued  
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2018–SEPTEMBER 2019<sup>1</sup>

(Metric tons)

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

See footnotes at end of table.

TABLE 4—Continued  
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2018–SEPTEMBER 2019<sup>1</sup>

(Metric tons)

District	2019		
	August	September	January–September
<b>New England and Middle Atlantic:</b>			
Maine and New York	204,450	175,949	1,291,575
Pennsylvania	371,047	311,945 <sup>P</sup>	2,487,255 <sup>P</sup>
District subtotal <sup>2</sup>	575,496	487,894 <sup>P</sup>	3,778,829 <sup>P</sup>
<b>East North Central:</b>			
Illinois	114,143	95,442	805,992
Indiana, Ohio	328,834	295,177	2,339,860
Michigan	297,394	305,133	2,188,270
District subtotal <sup>2</sup>	740,371	695,752	5,334,122
<b>West North Central:</b>			
Iowa, Nebraska, South Dakota	257,545	237,120	2,099,569
Kansas	206,266	145,945	1,416,147
Missouri	864,576	815,525	5,899,834
District subtotal <sup>2</sup>	1,328,387	1,198,590	9,415,550
<b>South Atlantic:</b>			
Florida	549,011	399,131	4,556,445
Georgia, Maryland, Virginia, West Virginia	507,907	479,847	4,020,042
Puerto Rico	W	W	W
South Carolina	240,119	221,124	2,144,228
District subtotal <sup>2,3</sup>	1,297,037	1,100,102	10,720,715
<b>East South Central:</b>			
Alabama, Kentucky, Tennessee	601,025	632,402	4,881,469
<b>West South Central:</b>			
Arkansas and Oklahoma	217,809	206,711	1,805,854
Texas, northern	493,564	494,531	3,914,736
Texas, southern	429,085	497,967 <sup>P</sup>	4,231,042 <sup>P</sup>
District subtotal <sup>2</sup>	1,140,458	1,199,209 <sup>P</sup>	9,951,632 <sup>P</sup>
<b>Mountain and Pacific:</b>			
Arizona and New Mexico	218,379	183,406	1,886,713
California	790,004	846,907	6,994,646
Colorado and Wyoming	281,988	207,568	2,092,551
Montana, Nevada, Oregon, Utah, Washington	324,856	324,774	2,598,470
District subtotal <sup>2</sup>	1,615,227	1,562,654	13,572,380
Grand total <sup>2,3</sup>	7,298,000	6,876,604 <sup>P</sup>	57,654,697 <sup>P</sup>

<sup>P</sup>Preliminary. <sup>1</sup>Revised. W Withheld to avoid disclosing company proprietary data.

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

<sup>2</sup>Data may not add to totals shown because of independent rounding.

<sup>3</sup>Excludes Puerto Rico.

TABLE 5  
HYDRAULIC CEMENT AND CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, SEPTEMBER 2019<sup>1</sup>

(Metric tons, unless otherwise specified)

Customs district	Brazil	Canada	China	Croatia	Egypt	France	Germany	Greece	Japan	Korea, Republic of
Anchorage, AK	--	1,018	--	--	--	--	--	--	--	--
Baltimore, MD	20	--	--	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	--	--	--
Buffalo, NY	--	53,555	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--	--	--
Chicago, IL	--	--	--	--	--	20	--	--	--	--
Cleveland, OH	--	78,755	--	--	--	19	--	--	--	55
Columbia-Snake, OR	--	9,493	--	--	--	--	--	--	--	51,800
Detroit, MI <sup>2</sup>	--	152,048	--	--	--	--	--	--	--	--
Duluth, MN	--	--	--	--	--	--	--	--	--	--
El Paso, TX <sup>3</sup>	--	--	--	--	--	--	--	--	--	--
Great Falls, MT	--	24,667	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--	--	--	--
Houston-Galveston, TX	--	--	--	--	5,241	--	18	--	--	--
Laredo, TX	--	--	--	--	--	--	--	--	--	--
Los Angeles, CA	--	--	--	--	5,817	--	--	--	--	--
Miami, FL	--	--	--	--	1,546	--	--	--	--	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	5,083	--	--	--	--	--	--
New York City, NY	--	41,907	--	--	--	--	--	83,502	17	--
Norfolk, VA	--	--	--	--	--	15,997	--	21,665	--	--
Ogdensburg, NY	--	30,298	--	--	--	--	--	--	--	--
Pembina, ND	--	35,811	--	--	--	--	--	--	--	--
Philadelphia, PA	--	--	--	--	--	--	--	--	--	--
Portland, ME	--	2,818	--	--	--	--	--	--	--	--
Providence, RI	--	10,841	--	--	--	--	--	--	--	--
San Diego, CA	--	--	--	--	--	--	--	--	--	--
San Francisco, CA	--	--	117,395	--	280	--	--	--	--	--
San Juan, PR	--	--	--	--	--	--	--	--	--	--
Savannah, GA	--	--	--	--	--	--	--	--	--	--
Seattle, WA <sup>3</sup>	--	69,352	30,818	--	195	--	--	--	--	9,800
St. Albans, VT	--	20,246	--	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	--	--	--	--
Wilmington, NC	--	--	--	--	--	--	--	--	--	--
Total:										
Quantity <sup>3</sup>	20	530,809	148,213	5,083	13,079	16,036	18	105,167	17	61,655
Value <sup>2, 3</sup>	\$13,721	\$54,875,272	\$9,267,546	\$2,285,137	\$1,776,798	\$4,882,438	\$17,030	\$6,485,468	\$16,600	\$3,996,818

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, SEPTEMBER 2019<sup>1</sup>

(Metric tons, unless otherwise specified)

Customs district	Mexico	Netherlands	Poland	Spain	Sweden	Taiwan	Thailand	Turkey	United Arab Emirates	United Kingdom	Vietnam
Anchorage, AK	--	--	--	--	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	16	--	--	--	--	--	--
Boston, MA	--	18	--	--	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--	--	--	--
Chicago, IL	--	--	77	--	--	--	--	--	--	--	--
Cleveland, OH	--	57	--	--	--	--	--	--	--	38	--
Columbia-Snake, OR	--	--	--	--	--	--	--	--	--	--	--
Detroit, MI <sup>3</sup>	--	19	--	--	--	--	--	--	--	--	--
Duluth, MN	--	--	--	--	--	--	--	--	--	--	--
El Paso, TX <sup>3</sup>	53,744	--	--	--	--	--	--	--	--	--	--
Great Falls, MT	--	--	--	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	36,150	--	--	--	--	--
Houston-Galveston, TX	47,843	--	152	18	--	--	--	221,875	--	--	--
Laredo, TX	13,128	--	--	65	--	--	--	--	--	--	--
Los Angeles, CA	7,388	--	--	--	--	--	628	2,445	81	--	--
Miami, FL	--	--	--	--	31,317	--	--	7,816	--	--	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	20,865	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--	108	--	--	--
New York City, NY	--	--	--	--	--	--	--	39,362	--	--	--
Norfolk, VA	--	--	--	--	--	--	--	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	57	19	--	--	--	--	2,565	--	60	--
Portland, ME	--	--	--	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	24,480	--	--	--
San Diego, CA	87	--	--	--	--	--	--	--	--	--	--
San Francisco, CA	25,612	--	--	--	--	--	397	670	--	--	28,803
San Juan, PR	785	--	--	--	--	--	--	69,540	--	--	--
Savannah, GA	--	--	--	20	--	--	--	944	--	--	--
Seattle, WA <sup>3</sup>	--	--	--	--	--	--	--	53	--	--	--
St. Albans, VT	--	--	--	--	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--	--	--	--	--
Tampa, FL	12,767	--	--	--	--	--	--	--	--	--	--
Wilmington, NC	--	--	1	--	--	--	--	--	--	--	--
Total:											
Quantity <sup>3</sup>	161,354	151	249	103	31,333	36,150	1,025	390,723	81	98	28,803
Value <sup>2,3</sup>	\$15,397,497	\$206,429	\$318,631	\$50,139	\$2,213,350	\$2,599,186	\$198,913	\$28,822,584	\$13,684	\$96,343	\$1,988,261

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, SEPTEMBER 2019<sup>1</sup>

(Metric tons, unless otherwise specified)

Customs district	September		Country or locality	January–September	
	Total	January–September		Quantity	Value <sup>2</sup>
Anchorage, AK	1,018	79,312	Australia	237	\$27,319
Baltimore, MD	36	4,368	Belgium	8	17,203
Boston, MA	18	72	Brazil	68	48,160
Buffalo, NY	53,555	378,840	Canada <sup>3</sup>	3,908,279	409,880,403
Charleston, SC	--	71,953	China	1,130,071	72,241,729
Chicago, IL	97	9,534	Colombia	53,987	4,069,499
Cleveland, OH	78,924	519,720	Croatia	18,369	8,353,281
Columbia-Snake, OR	61,293	481,772	Denmark	112,230	15,497,230
Detroit, MI <sup>3</sup>	152,067	976,164	Egypt	149,511	19,870,918
Duluth, MN	--	3,337	France	82,512	24,536,301
El Paso, TX <sup>3</sup>	53,744	317,694	Germany	592	135,671
Great Falls, MT	24,667	261,869	Greece	1,439,383	93,269,801
Honolulu, HI	36,150	255,505	Hong Kong	23	8,060
Houston-Galveston, TX	275,147	2,220,001	Ireland	17,735	1,810,500
Laredo, TX	13,193	174,946	Italy	4,150	533,050
Los Angeles, CA	16,359	181,062	Japan	515	558,029
Miami, FL	40,679	592,175	Jordan	162	22,547
Milwaukee, WI	--	10,179	Korea, Republic of	561,528	35,610,249
Minneapolis, MN	20,865	57,740	Mexico <sup>3</sup>	986,033	98,526,982
Mobile, AL	--	77,116	Morocco	12,000	783,000
New Orleans, LA	5,191	108,845	Netherlands	2,015	2,626,796
New York City, NY	164,788	1,187,323	Poland	4,636	5,308,280
Norfolk, VA	37,662	304,253	Portugal	19,000	1,645,812
Ogdensburg, NY	30,298	230,840	South Africa	57	36,818
Pembina, ND	35,811	202,172	Spain	248,553	20,498,096
Philadelphia, PA	2,701	214,663	Sweden	343,526	24,720,717
Portland, ME	2,818	22,548	Taiwan	255,505	18,334,024
Providence, RI	35,321	300,161	Thailand	14,597	2,772,463
San Diego, CA	87	1,527	Tunisia	19,071	3,909,129
San Francisco, CA	173,157	1,014,645	Turkey	3,070,512	218,158,342
San Juan, PR	70,325	288,423	United Arab Emirates	104	17,319
Savannah, GA	964	220,665	United Kingdom	454	352,327
Seattle, WA <sup>3</sup>	110,218	1,045,871	Vietnam	28,803	1,988,261
St. Albans, VT	20,246	132,986	Total <sup>2,3</sup>	12,484,226	1,086,168,316
St. Louis, MO	--	218			
Tampa, FL	12,767	532,472			
Wilmington, NC	1	3,255			
Total:					
Quantity <sup>3</sup>	1,530,167	12,484,226			
Value <sup>2,3</sup>	\$135,521,845	\$1,086,168,316			

-- Zero.

<sup>1</sup>Includes white cement and clinker.

<sup>2</sup>Value = c.i.f. (cost, insurance, and freight).

<sup>3</sup>Clinker 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, SEPTEMBER 2019<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Customs district	Canada	Egypt	Korea, Republic of	Mexico	Thailand	Turkey	United Arab Emirates
Buffalo, NY	8,486	--	--	--	--	--	--
Cleveland, OH	--	--	1	--	--	--	--
Detroit, MI	19,114	--	--	--	--	--	--
El Paso, TX	--	--	--	2,224	--	--	--
Great Falls, MT	29	--	--	--	--	--	--
Houston-Galveston, TX	--	3,881	--	--	--	3,549	--
Laredo, TX	--	--	--	13,128	--	--	--
Los Angeles, CA	--	5,817	--	--	628	2,445	81
Miami, FL	--	1,546	--	--	--	7,816	--
New Orleans, LA	--	--	--	--	--	108	--
New York City, NY	--	--	--	--	--	562	--
Ogdensburg, NY	565	--	--	--	--	--	--
Philadelphia, PA	--	--	--	--	--	2,565	--
San Diego, CA	--	--	--	87	--	--	--
San Francisco, CA	--	280	--	--	397	670	--
San Juan, PR	--	--	--	785	--	30	--
Savannah, GA	--	--	--	--	--	944	--
Seattle, WA	--	195	--	--	--	53	--
St. Albans, VT	23	--	--	--	--	--	--
Total:							
Quantity	28,217	11,719	1	16,224	1,025	18,742	81
Value <sup>3</sup>	\$3,846,363	\$1,649,087	\$5,683	\$2,569,705	\$198,913	\$3,404,032	\$13,684

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, SEPTEMBER 2019<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Customs district	September		Country or locality	January–September	
	Total	January–September		Quantity	Value <sup>3</sup>
Buffalo, NY	8,486	58,229	Belgium	2	\$3,686
Charleston, SC	--	7,135	Canada	260,319	35,268,512
Cleveland, OH	1	1	China	919	129,380
Detroit, MI	19,114	197,281	Denmark	112,230	15,497,230
El Paso, TX	2,224	18,263	Egypt	130,204	17,894,453
Great Falls, MT	29	29	Germany	22	7,613
Houston-Galveston, TX	7,430	128,639	Italy	82	13,862
Laredo, TX	13,128	124,746	Jordan	162	22,547
Los Angeles, CA	8,971	68,509	Korea, Republic of	1	5,683
Miami, FL	9,362	106,433	Mexico	179,215	26,286,746
New Orleans, LA	108	577	Poland	102	24,484
New York City, NY	562	12,573	Spain	197,659	15,922,303
Ogdensburg, NY	565	4,583	Thailand	14,597	2,772,463
Philadelphia, PA	2,565	22,477	Tunisia	19,071	3,909,129
Providence, RI	--	11,000	Turkey	195,133	29,566,674
San Diego, CA	87	1,507	United Arab Emirates	104	17,319
San Francisco, CA	1,347	20,305	United Kingdom	1	2,529
San Juan, PR	815	12,341	Total	1,109,823	147,344,613
Savannah, GA	944	168,172			
Seattle, WA	248	1,892			
St. Albans, VT	23	127			
Tampa, FL	--	145,004			
Total:					
Quantity	76,009	1,109,823			
Value <sup>3</sup>	\$11,687,467	\$147,344,613			

-- Zero.

<sup>1</sup>Data included in table 5.

<sup>2</sup>Imports 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.

<sup>3</sup>Value = 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, SEPTEMBER 2019<sup>1</sup>

(Metric tons, unless otherwise specified)

Customs district	Canada	France	Turkey	September		Country or locality	January–September	
				Total	January–September		Quantity	Value <sup>2</sup>
Anchorage, AK	--	--	--	--	--	Canada <sup>3</sup>	392,478	\$30,770,614
Baltimore, MD	--	--	--	--	--	China	52	45,225
Charleston, SC	--	--	--	--	39,999	France	78,506	23,040,292
Chicago, IL	--	--	--	--	48	Greece	70,380	4,187,230
Cleveland, OH	--	--	--	--	11	Poland	389	27,650
Detroit, MI <sup>3</sup>	69,872	--	--	69,872	391,968	Spain	772	54,036
Houston-Galveston, TX	--	--	27,550	27,550	134,520	Turkey	474,225	28,860,665
Miami, FL	--	--	--	--	536	Total	1,016,802	86,985,712
Mobile, AL	--	--	--	--	77,000			
New York City, NY	--	--	--	--	70,380			
Norfolk, VA	--	15,955	--	15,955	78,496			
San Juan, PR	--	--	44,000	44,000	176,772			
Savannah, GA	--	--	--	--	46,173			
Seattle, WA <sup>3</sup>	--	--	--	--	428			
Total:								
Quantity	69,872	15,955	71,550	157,377	1,016,802			
Value <sup>2</sup>	\$5,475,484	\$4,796,500	\$4,392,229	\$14,664,213	\$86,985,712			

-- Zero.

<sup>1</sup>Data are included in table 5.

<sup>2</sup>Value = c.i.f. (cost, insurance, and freight).

<sup>3</sup>Data for the Detroit and Seattle districts for imports from Canada are thought to be underrepresented.

Source: U.S. Census Bureau.