

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: <http://minerals.usgs.gov/minerals/>

CEMENT IN DECEMBER 2018

This report provides monthly data on the shipments of cement to final customers and the production of clinker in the United States from January 2017 through December 2018.¹ Data on the imports of cement and clinker for December 2018 also are provided. Listings of leading States (below) are in order of descending activity.

Total shipments of portland and blended cement in the United States and Puerto Rico in December 2018 were 6.2 million metric tons (Mt), a slight decrease from shipments in December 2017 (tables 2A and 2B). Shipments, including imports, for the full year totaled 97.7 Mt, an increase of 2.3% from those in 2017. The leading producing States for portland and blended cement in December 2018 were, in descending order, Texas, California, Missouri, Florida, and Alabama (table 1A). The leading cement-consuming States (Texas, California, Florida, Ohio, and New York) received 44% of the December shipments (tables 2A and 2B).

Masonry cement shipments totaled 150,000 metric tons in December 2018, down by 7.3% from those in December 2017 (table 2C). For the full year, shipments totaled 2.4 Mt, essentially unchanged from those in 2017. The leading masonry-cement-consuming States in December 2018 were, in descending order, Florida, Texas, California, Georgia, and North Carolina; these States received 61% of the December shipments (table 2C).

Clinker production totaled 6.5 Mt in December 2018, a slight decrease from the output (excluding Puerto Rico) in December 2017 (table 4). For the full year, production was 77.0 Mt, essentially unchanged from that in 2017. The leading clinker-producing States in December 2018 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, 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. December 2018 imports of cement and clinker totaled 1.2 Mt, an increase of 25.8% from imports in December 2017. Imports for the full year totaled 15.1 Mt, an increase of 11% from imports in 2017.

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 <http://minerals.usgs.gov/minerals/>.

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 2017–DECEMBER 2018^{1,2}

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	93,612	83,483	104,874	129,799	165,500	170,211	149,823
Pennsylvania	204,977	215,681	254,747	300,880	349,327	373,875	335,480
District subtotal ³	298,588	299,163	359,621	430,679	514,827	544,085	485,302
East North Central:							
Illinois	72,381	71,660	89,185	94,552	124,635	123,851	113,188
Indiana, Ohio	159,236	188,714	230,698	285,679	325,385	376,196	318,570
Michigan	112,374	125,838	158,764	260,547	373,867	415,842	382,119
District subtotal ³	343,991	386,212	478,647	640,778	823,886	915,889	813,876
West North Central:							
Iowa, Nebraska, South Dakota	94,315	116,063	176,347	252,402	367,798	456,333	392,918
Kansas	122,814	156,853	207,607	203,698	218,795	238,836	207,663
Missouri	431,584	552,010	645,482	713,491	814,807	913,882	874,213
District subtotal ³	648,713	824,926	1,029,436	1,169,591	1,401,400	1,609,050	1,474,794
South Atlantic:							
Florida	482,157	451,353	558,609	517,056	548,503	518,340	500,259
Georgia, Maryland, Virginia, West Virginia	355,134	399,545	459,673	462,532	511,946	567,542	499,062
Puerto Rico	36,304	34,582	37,368	37,683	43,060	47,561	41,738
South Carolina	210,718	242,430	267,306	228,853	257,103	261,483	242,995
District subtotal ³	1,084,313	1,127,909	1,322,956	1,246,123	1,360,613	1,394,927	1,284,053
East South Central:							
Alabama, Kentucky, Tennessee	429,544	492,464	569,474	519,128	559,980	562,849	543,164
West South Central:							
Arkansas and Oklahoma	168,166	158,165	201,300	169,945	203,112	229,075	207,225
Texas, northern	346,404	397,449	474,547	412,414	476,800	477,294	427,321
Texas, southern	508,913	553,099	612,543	501,115	571,459	547,913	542,175
District subtotal ³	1,023,482	1,108,713	1,288,390	1,083,475	1,251,371	1,254,281	1,176,721
Mountain and Pacific:							
Arizona and New Mexico	169,959	169,410	210,982	192,445	199,183	236,451	201,815
California	561,168	616,383	890,277	847,170	958,094	945,342	854,758
Colorado and Wyoming	137,923	175,114	234,179	231,059	261,386	339,128	292,910
Montana, Nevada, Oregon, Utah, Washington	171,508	197,912	303,506	313,102	407,349	434,250	379,606
District subtotal ³	1,040,558	1,158,819	1,638,944	1,583,776	1,826,012	1,955,171	1,729,089
U.S. total ³	4,869,190	5,398,206	6,687,468	6,673,550	7,738,089	8,236,252	7,507,000
Imports ⁴	565,352	629,010	805,188	884,899	1,078,763	1,118,576	970,865
Grand total ³	5,434,543	6,027,216	7,492,657	7,558,449	8,816,852	9,354,828	8,477,865

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2017–DECEMBER 2018^{1,2}

(Metric tons)

District	2017					
	August	September	October	November	December	January–December
New England and Middle Atlantic:						
Maine and New York	186,299	176,095	217,117	196,110	136,702	1,809,623
Pennsylvania	405,548	355,497	363,127	313,182	224,911	3,697,230
District subtotal ³	591,847	531,591	580,245	509,292	361,613	5,506,852
East North Central:						
Illinois	136,823	132,580	129,500	112,815	73,847	1,275,015
Indiana, Ohio	396,926	323,030	336,133	308,922	192,195	3,441,684
Michigan	470,132	425,766	425,878	317,716	162,525	3,631,369
District subtotal ³	1,003,881	881,376	891,511	739,453	428,567	8,348,068
West North Central:						
Iowa, Nebraska, South Dakota	467,994	410,045	406,119	302,709	142,214	3,585,258
Kansas	235,170	207,949	211,002	218,316	142,570	2,371,274
Missouri	1,003,280	946,374	984,228	850,621	563,585	9,293,559
District subtotal ³	1,706,445	1,564,369	1,601,348	1,371,646	848,369	15,250,090
South Atlantic:						
Florida	547,161	367,855	469,722	494,630	487,343	5,942,989
Georgia, Maryland, Virginia, West Virginia	563,874	527,055	576,615	525,334	407,762	5,856,073
Puerto Rico	44,829	27,830	24,808	38,661	38,271	452,693
South Carolina	273,982	238,389	288,720	272,273	208,858	2,993,110
District subtotal ³	1,429,846	1,161,129	1,359,865	1,330,898	1,142,234	15,244,866
East South Central:						
Alabama, Kentucky, Tennessee	613,721	577,767	636,388	564,358	433,535	6,502,372
West South Central:						
Arkansas and Oklahoma	202,882	201,997	242,067	191,899	171,909	2,347,741
Texas, northern	455,104	443,710	472,095	434,994	330,191	5,148,322
Texas, southern	513,989	506,609	556,552	508,114	387,509	6,309,989
District subtotal ³	1,171,975	1,152,316	1,270,713	1,135,007	889,608	13,806,052
Mountain and Pacific:						
Arizona and New Mexico	237,557	211,168	231,127	199,159	192,951	2,452,208
California	965,290	831,895	889,548	782,937	766,403	9,909,265
Colorado and Wyoming	336,525	301,632	308,460	275,269	185,945	3,079,529
Montana, Nevada, Oregon, Utah, Washington	440,144	393,149	453,387	345,099	265,775	4,104,786
District subtotal ³	1,979,517	1,737,844	1,882,521	1,602,463	1,411,075	19,545,789
U.S. total ³	8,497,231	7,606,392	8,222,591	7,253,117	5,515,001	84,204,089
Imports ⁴	1,202,863	1,113,843	1,197,007	960,210	729,261	11,255,837
Grand total ³	9,700,094	8,720,235	9,419,599	8,213,327	6,244,261	95,459,926

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2017–DECEMBER 2018^{1,2}

(Metric tons)

District	2018						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	89,041	83,844	117,659	158,546	204,449	208,034	193,787
Pennsylvania	165,318	181,042	222,803	283,650	328,286	340,147	330,252
District subtotal ³	254,359	264,886	340,462	442,196	532,734	548,181	524,039
East North Central:							
Illinois	61,848	51,875	71,998	89,229	115,148	104,544	121,439
Indiana, Ohio	130,095	147,587	227,354	274,701	342,755	329,690	331,554
Michigan	104,487	96,422	157,785	211,072	388,062	427,327	447,635
District subtotal ³	296,430	295,884	457,137	575,002	845,965	861,561	900,628
West North Central:							
Iowa, Nebraska, South Dakota	90,157	84,606	134,387	197,035	374,993	371,093	393,159
Kansas	112,851	120,073	185,380	193,864	225,315	219,255	235,926
Missouri	394,993	426,658	674,836	796,824	1,012,255	963,809	966,872
District subtotal ³	598,001	631,337	994,602	1,187,723	1,612,563	1,554,157	1,595,957
South Atlantic:							
Florida	533,074	530,924	595,965	528,318	510,312	540,651	499,611
Georgia, Maryland, Virginia, West Virginia	337,432	377,730	452,875	541,632	552,632	557,403	532,245
Puerto Rico	44,957	51,392	55,594	57,272	60,997	52,816	52,454
South Carolina	172,253	175,226	230,346	241,613	240,105	265,110	257,109
District subtotal ³	1,087,716	1,135,272	1,334,780	1,368,836	1,364,045	1,415,980	1,341,419
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	201,608	147,296	243,029	200,547	232,813	224,802	207,272
Texas, northern	362,111	316,149	440,720	502,950	523,605	542,009	534,009
Texas, southern	495,673	458,793	631,790	655,600	602,435	484,586	485,454
District subtotal ³	1,059,392	922,239	1,315,539	1,359,096	1,358,853	1,251,397	1,226,735
Mountain and Pacific:							
Arizona and New Mexico	216,846	212,172	274,669	259,750	279,592	258,203	248,302
California	830,982	831,231	806,783	869,870	937,550	889,652	848,148
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	327,593	397,237	397,979	394,038
District subtotal ³	1,485,993	1,421,723	1,590,064	1,699,400	1,913,297	1,852,779	1,800,335
U.S. total ³	5,161,144	5,082,798	6,603,470	7,233,333	8,253,847	8,140,165	8,028,651
Imports ⁴	579,934	736,410	814,890	994,211	1,128,417	1,180,463	1,256,094
Grand total ³	5,741,079	5,819,208	7,418,360	8,227,544	9,382,264	9,320,627	9,284,745

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2017–DECEMBER 2018^{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	1,961,700
Pennsylvania	360,917	295,712	368,124	265,657	229,648	3,371,557
District subtotal ³	576,139	493,696	587,066	419,288	350,210	5,333,257
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	3,381,028
Michigan	472,587	412,571	451,216	277,623	163,552	3,610,339
District subtotal ³	987,101	835,635	1,016,101	661,717	450,358	8,183,519
West North Central:						
Iowa, Nebraska, South Dakota	435,353	324,095	359,790	210,296	102,419	3,077,384
Kansas	235,950	200,614	233,001	198,919	145,533	2,306,681
Missouri	992,003	882,039	945,931	719,418	541,256	9,316,893
District subtotal ³	1,663,306	1,406,748	1,538,723	1,128,633	789,208	14,700,958
South Atlantic:						
Florida	553,850	484,393	578,943	516,560	462,513	6,335,113
Georgia, Maryland, Virginia, West Virginia	613,101	427,567	622,019	446,117	376,113	5,836,865
Puerto Rico	61,221	47,559	54,341	53,152	42,810	634,568
South Carolina	295,823	252,559	297,560	212,592	174,488	2,814,785
District subtotal ³	1,523,996	1,212,079	1,552,863	1,228,422	1,055,923	15,621,331
East South Central:						
Alabama, Kentucky, Tennessee	698,026	588,500	716,901	485,342	404,214	6,777,694
West South Central:						
Arkansas and Oklahoma	247,290	169,372	206,834	182,859	149,777	2,413,499
Texas, northern	562,208	471,385	430,481	444,753	356,756	5,487,137
Texas, southern	589,539	372,330	465,668	529,848	496,373	6,268,089
District subtotal ³	1,399,037	1,013,088	1,102,983	1,157,459	1,002,906	14,168,725
Mountain and Pacific:						
Arizona and New Mexico	285,280	227,267	250,037	237,663	172,028	2,921,809
California	976,835	868,297	987,805	809,940	709,626	10,366,720
Colorado and Wyoming	345,487	285,448	347,077	263,510	176,183	3,129,113
Montana, Nevada, Oregon, Utah, Washington	430,024	364,282	432,436	344,923	226,579	4,086,677
District subtotal ³	2,037,626	1,745,294	2,017,355	1,656,035	1,284,417	20,504,319
U.S. total ³	8,885,229	7,295,041	8,531,991	6,736,897	5,337,236	85,289,803
Imports ⁴	1,376,221	1,061,233	1,378,765	1,043,589	838,444	12,388,672
Grand total ³	10,261,451	8,356,274	9,910,757	7,780,487	6,175,680	97,678,475

¹Data are unrounded but are believed 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 2017–DECEMBER 2018^{1,2}

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	981	840	1,686	2,807	3,211	3,181	3,049
Pennsylvania	9,353	8,560	11,285	11,742	14,063	14,979	13,207
District subtotal ³	10,334	9,400	12,972	14,549	17,275	18,161	16,256
East North Central:							
Illinois, Indiana, Ohio	17,657	18,836	20,971	20,755	20,712	21,548	21,758
Michigan	3,505	4,428	5,205	6,415	7,909	8,015	7,093
District subtotal ³	21,162	23,264	26,176	27,170	28,621	29,563	28,851
West North Central:							
Iowa, Kansas, Missouri, Nebraska, South Dakota	2,374	2,928	3,575	3,046	3,065	3,797	2,996
South Atlantic:							
Florida	39,463	35,739	44,163	37,222	42,672	39,052	38,210
Georgia, Maryland, Virginia, West Virginia	21,482	23,375	26,626	23,920	26,378	27,051	25,405
Puerto Rico	--	--	--	--	--	--	--
South Carolina	15,501	16,254	18,869	16,182	17,467	17,614	15,818
District subtotal ³	76,446	75,368	89,657	77,324	86,517	83,718	79,432
East South Central:							
Alabama, Kentucky, Tennessee	18,463	19,073	23,233	19,018	22,322	21,006	21,107
West South Central:							
Arkansas and Oklahoma	7,085	7,313	8,725	7,377	7,683	8,294	7,691
Texas	24,812	24,450	30,617	24,139	26,963	28,709	24,581
District subtotal ³	31,898	31,762	39,343	31,517	34,646	37,003	32,272
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	2,527	2,798	3,885	3,788	3,878	4,270	3,357
California	13,527	14,906	27,298	15,130	18,296	19,393	15,742
District subtotal ³	16,054	17,704	31,184	18,918	22,174	23,663	19,100
U.S. total ³	176,730	179,499	226,139	191,542	214,621	216,911	200,014
Imports ⁴	1,179	1,402	1,674	1,857	1,726	1,693	1,875
Grand total ³	177,909	180,901	227,813	193,399	216,347	218,603	201,889

See footnotes at the end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2017–DECEMBER 2018^{1,2}

(Metric tons)

District	2017					
	August	September	October	November	December	January–December
New England and Middle Atlantic:						
Maine and New York	3,563	2,558	2,962	2,410	1,495	28,745
Pennsylvania	14,598	13,043	13,491	11,723	7,853	143,897
District subtotal ³	18,162	15,601	16,453	14,133	9,348	172,642
East North Central:						
Illinois, Indiana, Ohio	21,938	22,468	22,044	18,544	14,477	241,708
Michigan	9,182	7,814	7,547	5,605	3,634	76,351
District subtotal ³	31,119	30,282	29,591	24,149	18,111	318,059
West North Central:						
Iowa, Kansas, Missouri, Nebraska, South Dakota	4,172	3,262	3,470	2,888	2,468	38,044
South Atlantic:						
Florida	43,040	28,714	40,004	37,714	36,075	462,068
Georgia, Maryland, Virginia, West Virginia	27,868	24,869	28,853	24,569	19,914	300,310
Puerto Rico	--	--	--	--	--	--
South Carolina	16,880	14,813	16,842	15,849	12,605	194,693
District subtotal ³	87,788	68,395	85,699	78,132	68,594	957,071
East South Central:						
Alabama, Kentucky, Tennessee	22,199	20,341	22,480	20,259	14,633	244,133
West South Central:						
Arkansas and Oklahoma	8,567	8,233	8,018	8,119	6,708	93,813
Texas	25,522	23,976	25,960	25,288	19,302	304,320
District subtotal ³	34,088	32,209	33,978	33,407	26,010	398,133
Mountain and Pacific:						
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	3,867	3,069	3,145	3,078	2,642	40,305
California	21,772	19,146	20,570	18,983	18,808	223,572
District subtotal ³	25,640	22,215	23,716	22,061	21,449	263,877
U.S. total ³	223,168	192,305	215,386	195,030	160,613	2,391,959
Imports ⁴	1,969	1,859	1,633	1,467	1,189	19,524
Grand total ³	225,138	194,164	217,019	196,497	161,803	2,411,483

See footnotes at the end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2017–DECEMBER 2018^{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	6,790	7,492	9,480	11,389	13,620	13,487	12,744
District subtotal ³	7,624	9,059	11,365	14,084	17,665	16,969	16,099
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	3,478	3,819	3,398	3,924
South Atlantic:							
Florida	43,603	38,318	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	72,001	86,023	90,212	90,455	89,682	100,869
East South Central:							
Alabama, Kentucky, Tennessee	16,050	17,387	21,009	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	23,285	21,951	28,164	26,122	27,445	26,979	26,255
District subtotal ³	29,424	28,320	36,629	35,497	36,978	35,573	34,689
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	166,962	168,209	205,829	207,438	220,791	212,707	226,041
Imports ⁴	1,047	1,008	1,320	1,337	1,839	2,060	2,009
Grand total ³	168,009	169,217	207,149	208,775	222,630	214,767	228,049

See footnotes at the end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2017–DECEMBER 2018^{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	13,480	11,456	13,756	9,797	7,900	131,390
District subtotal ³	16,681	14,974	17,165	12,041	9,332	163,058
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	5,210	4,278	4,491	3,160	2,244	40,560
South Atlantic:						
Florida	58,229	52,366	64,932	43,249	38,228	566,542
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	92,394	114,370	79,276	67,691	1,066,692
East South Central:						
Alabama, Kentucky, Tennessee	21,840	18,483	21,225	15,507	12,697	228,501
West South Central:						
Arkansas and Oklahoma	8,620	7,736	10,974	6,534	5,983	96,755
Texas	27,719	21,411	19,667	22,360	20,359	291,718
District subtotal ³	36,339	29,147	30,641	28,894	26,342	388,473
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	232,229	196,947	231,721	170,770	148,893	2,388,537
Imports ⁴	2,264	1,889	1,895	1,248	1,119	19,035
Grand total ³	234,494	198,836	233,616	172,019	150,011	2,407,572

-- Zero.

¹Data are unrounded but are believed 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 2017–DECEMBER 2018^{1,2}

(Metric tons)

Destination	2017						
	January	February	March	April	May	June	July
Alabama	74,709	80,643	100,480	99,506	95,639	90,025	93,295
Alaska	4,265	5,495	6,905	8,997	13,541	16,800	15,715
Arizona	162,149	167,757	188,165	177,255	190,537	197,711	164,480
Arkansas	54,337	60,750	69,789	62,238	74,184	77,078	65,363
California, northern	179,686	169,980	290,767	263,659	334,874	356,517	335,151
California, southern	342,883	406,884	587,694	575,808	614,811	642,859	554,533
Colorado	121,505	152,866	204,734	190,303	196,323	259,086	217,255
Connecticut	29,293	26,132	29,816	42,226	57,631	61,986	54,912
Delaware	5,044	6,682	8,163	8,987	8,961	8,892	6,700
District of Columbia	13,331	19,139	18,441	24,898	20,158	22,158	19,882
Florida	548,611	520,037	615,159	542,094	589,248	554,118	535,501
Georgia	219,495	247,769	299,230	241,885	262,649	246,371	250,765
Hawaii	26,011	23,509	28,596	30,017	31,953	26,322	25,055
Idaho	8,225	17,902	37,655	41,076	56,950	59,836	48,583
Illinois, excluding Chicago	46,835	62,105	83,948	91,473	114,121	138,250	116,100
Illinois, Chicago metropolitan	70,602	84,614	90,543	140,928	157,476	176,756	141,124
Indiana	78,694	96,054	119,441	150,624	171,154	202,510	182,439
Iowa	37,446	48,437	84,922	133,197	178,662	233,035	200,618
Kansas	64,143	82,920	101,045	99,401	109,613	125,221	110,979
Kentucky	59,001	71,694	84,531	86,732	101,280	118,222	101,127
Louisiana	123,113	136,165	156,186	148,740	137,918	121,253	153,258
Maine	8,789	5,790	9,555	13,254	22,304	25,873	22,532
Maryland	69,992	78,998	87,092	98,202	103,996	121,059	99,161
Massachusetts	56,467	47,855	62,427	82,732	97,191	99,664	84,209
Michigan	62,518	66,319	88,848	145,469	216,168	238,374	210,331
Minnesota	42,767	51,130	68,183	101,763	157,949	192,751	197,311
Mississippi	40,030	51,431	53,998	50,534	51,470	48,062	55,478
Missouri	86,281	127,562	134,313	134,954	154,413	191,034	160,076
Montana	6,792	8,280	17,620	23,585	35,576	40,148	33,727
Nebraska	21,619	39,301	65,292	71,451	89,374	110,987	103,255
Nevada	94,380	92,732	119,325	113,248	124,997	115,943	102,820
New Hampshire	9,735	7,580	10,267	14,255	22,459	23,804	18,951
New Jersey	83,242	86,823	103,690	112,437	130,944	131,892	111,103
New Mexico	28,930	31,400	44,121	39,893	47,730	51,881	47,059
New York, eastern	24,192	22,571	27,530	38,849	47,439	53,838	44,649
New York, western	28,048	19,377	23,328	46,578	63,554	78,412	67,357
New York, metropolitan	103,961	109,119	127,146	150,112	170,728	174,935	149,151
North Carolina	169,677	207,865	234,703	190,540	222,062	231,217	200,859
North Dakota	9,935	10,313	14,835	28,157	53,603	72,098	72,159
Ohio	124,897	148,686	187,052	247,311	290,454	350,421	294,505
Oklahoma	106,429	119,947	148,944	129,065	160,799	192,079	151,654
Oregon	49,143	58,728	72,724	73,873	92,466	80,380	70,246
Pennsylvania, eastern	83,791	87,669	98,326	125,267	143,243	155,036	140,779
Pennsylvania, western	44,534	47,196	52,853	74,417	96,403	108,261	102,187
Rhode Island	5,901	5,030	5,748	11,108	12,285	13,406	10,727
South Carolina	110,558	127,793	156,620	132,685	152,100	146,052	136,827
South Dakota	9,775	9,430	17,764	29,495	53,836	69,506	58,904
Tennessee	106,149	119,713	134,989	124,811	136,159	138,846	119,882
Texas, northern	503,469	552,701	689,403	578,459	658,040	627,079	579,804
Texas, southern	589,415	641,030	721,686	604,788	692,081	635,571	637,324
Utah	51,737	66,291	106,469	110,206	142,990	150,193	123,936
Vermont	4,172	3,331	4,114	5,764	9,500	10,470	9,462
Virginia	119,423	146,582	164,715	154,433	163,086	181,564	151,225
Washington	90,315	104,173	129,090	132,617	148,701	144,294	131,564
West Virginia	21,450	26,247	27,881	30,119	40,713	40,504	36,826
Wisconsin	49,841	51,790	75,834	134,791	188,933	204,618	194,364
Wyoming	10,211	11,416	16,129	18,735	25,998	31,046	30,823
Puerto Rico	23,880	25,417	25,566	22,582	25,261	30,628	24,414
Foreign countries ³	30,715	31,570	48,163	49,755	58,379	64,806	63,841
Total shipments ⁴	5,352,537	5,936,720	7,382,556	7,406,335	8,621,068	9,111,735	8,242,316

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{1,2}

(Metric tons)

Destination	2017					
	August	September	October	November	December	January–December
Alabama	99,579	101,342	111,162	111,828	86,587	1,144,795
Alaska	18,170	16,086	13,267	5,979	6,720	131,940
Arizona	193,425	173,613	204,000	188,134	182,208	2,189,432
Arkansas	76,377	73,160	88,834	74,249	56,499	832,858
California, northern	428,225	364,958	384,411	311,792	316,967	3,736,988
California, southern	625,231	532,928	588,268	527,892	487,002	6,486,793
Colorado	253,386	221,395	229,922	210,635	156,235	2,413,644
Connecticut	69,704	49,890	57,102	54,725	36,110	569,525
Delaware	7,143	4,859	6,280	9,935	5,345	86,992
District of Columbia	19,825	18,884	21,881	19,543	16,851	234,991
Florida	597,316	403,725	530,144	536,888	524,975	6,497,817
Georgia	277,103	248,369	279,039	267,424	198,511	3,038,610
Hawaii	28,337	25,706	27,420	24,363	24,468	321,756
Idaho	54,874	54,036	61,992	49,116	30,023	520,271
Illinois, excluding Chicago	152,929	153,764	144,442	126,629	72,671	1,303,267
Illinois, Chicago metropolitan	197,817	158,116	156,917	133,746	86,772	1,595,411
Indiana	227,974	191,353	202,400	182,119	111,430	1,916,192
Iowa	229,902	210,286	211,903	195,523	83,045	1,846,976
Kansas	132,300	113,402	119,419	117,274	80,468	1,256,185
Kentucky	120,017	93,948	108,318	89,612	73,335	1,107,817
Louisiana	142,418	169,942	175,086	148,400	102,631	1,715,110
Maine	27,204	24,039	24,142	20,207	11,120	214,809
Maryland	115,048	108,201	111,054	103,721	87,201	1,183,726
Massachusetts	109,169	104,681	90,753	98,592	66,321	1,000,061
Michigan	249,938	232,900	228,475	184,770	104,676	2,028,784
Minnesota	213,341	197,259	203,770	111,529	55,180	1,592,932
Mississippi	54,300	58,708	64,129	52,086	35,224	615,450
Missouri	185,029	175,694	183,660	150,816	119,156	1,802,987
Montana	43,496	38,876	44,066	24,059	13,982	330,207
Nebraska	115,810	109,256	96,661	112,434	64,642	1,000,083
Nevada	112,812	101,392	116,610	96,208	87,687	1,278,153
New Hampshire	23,337	19,554	20,457	17,359	10,121	197,880
New Jersey	139,296	132,230	141,277	127,847	99,105	1,399,887
New Mexico	53,338	46,334	51,868	47,341	41,648	531,544
New York, eastern	55,154	49,390	50,712	45,954	28,670	488,948
New York, western	88,070	78,621	78,696	56,603	29,058	657,702
New York, metropolitan	180,269	162,821	173,095	159,423	126,090	1,786,848
North Carolina	233,563	216,630	242,689	223,454	173,983	2,547,242
North Dakota	87,127	77,714	81,030	36,650	16,734	560,355
Ohio	381,030	339,133	355,005	307,697	182,496	3,208,687
Oklahoma	149,860	130,241	145,230	142,914	117,795	1,694,959
Oregon	81,916	100,775	107,282	65,261	59,739	912,532
Pennsylvania, eastern	167,371	154,852	154,326	130,170	95,482	1,536,311
Pennsylvania, western	124,948	110,159	116,434	90,283	64,287	1,031,962
Rhode Island	14,519	9,773	10,581	9,562	7,521	116,161
South Carolina	145,534	125,969	156,800	141,568	111,096	1,643,601
South Dakota	58,956	61,663	58,531	43,349	18,210	489,419
Tennessee	138,061	129,676	144,887	136,085	102,639	1,531,896
Texas, northern	620,907	612,056	660,729	600,834	495,709	7,179,189
Texas, southern	566,825	582,149	683,994	624,250	452,148	7,431,260
Utah	159,495	139,174	165,758	135,191	96,211	1,447,650
Vermont	12,165	11,895	14,578	8,485	4,884	98,821
Virginia	169,557	160,740	168,640	146,537	127,108	1,853,610
Washington	149,862	167,030	179,144	137,288	117,907	1,631,984
West Virginia	46,438	41,819	42,062	33,774	26,665	414,498
Wisconsin	242,180	207,491	233,997	157,603	76,143	1,817,588
Wyoming	35,295	27,832	31,927	24,519	16,260	280,191
Puerto Rico	24,948	16,505	18,133	21,476	21,788	280,598
Foreign countries ³	63,978	56,216	56,066	41,191	42,047	606,728
Total shipments ⁴	9,392,198	8,499,213	9,229,453	8,052,896	6,145,585	93,372,612

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{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	210,088	199,089	243,610	224,662	234,062	222,107	213,177
Arkansas	49,166	46,785	72,250	74,972	84,336	87,848	70,542
California, northern	287,965	294,724	271,803	328,422	359,906	362,188	354,825
California, southern	501,060	538,931	524,703	595,162	626,988	604,209	571,897
Colorado	152,970	126,376	183,078	193,237	219,372	225,548	206,790
Connecticut	24,197	29,056	32,789	45,112	61,706	62,952	54,297
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	633,762	595,023	572,763	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	56,052	63,285	69,993	64,583
Illinois, excluding Chicago	37,845	41,215	69,446	95,019	128,369	128,246	148,060
Illinois, Chicago metropolitan	49,775	54,789	96,829	116,602	167,722	152,069	167,273
Indiana	61,667	70,786	126,291	158,860	204,449	196,768	207,546
Iowa	40,184	37,255	72,602	126,168	233,614	207,409	248,316
Kansas	53,093	54,716	90,934	99,717	122,691	127,624	130,965
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	6,769	7,403	8,032	14,901	23,914	24,337	23,401
Maryland	62,260	73,977	87,912	106,052	103,744	108,097	99,648
Massachusetts	42,577	55,526	60,325	86,298	106,992	100,197	95,217
Michigan	57,490	58,562	84,427	138,109	229,804	247,065	248,501
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	64,200	78,897	129,391	143,313	174,934	170,075	162,340
Montana	9,354	6,242	15,176	23,757	35,406	37,555	39,641
Nebraska	25,846	23,394	49,704	84,955	114,187	109,515	119,205
Nevada	97,238	90,913	104,573	100,381	112,345	110,101	118,173
New Hampshire	6,548	7,762	9,608	13,605	21,086	20,856	20,127
New Jersey	67,247	77,613	86,722	107,968	127,213	123,349	120,386
New Mexico	43,225	43,755	53,128	52,889	57,418	54,907	54,799
New York, eastern	16,902	17,312	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	90,681	114,829	122,737	150,505	176,589	181,337	170,750
North Carolina	144,574	179,294	212,582	239,824	231,946	247,096	232,037
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	122,680	99,047	164,186	152,148	161,547	145,936	152,103
Oregon	60,657	69,606	94,998	87,024	99,550	104,474	94,617
Pennsylvania, eastern	68,497	78,189	93,309	122,326	137,923	149,458	139,238
Pennsylvania, western	45,076	43,265	61,750	79,206	105,623	105,160	110,120
Rhode Island	4,083	5,815	6,289	10,157	12,281	11,234	11,589
South Carolina	110,623	121,527	148,377	153,795	144,874	150,526	134,048
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	576,595	499,855	692,661	708,191	704,641	671,672	653,241
Texas, southern	582,344	543,996	750,213	775,872	737,667	631,846	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	12,105
Virginia	111,118	123,657	142,416	155,161	158,066	154,281	150,342
Washington	124,674	117,286	147,640	148,907	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	26,753	30,616
Puerto Rico	28,414	33,438	34,489	35,544	37,389	34,333	32,498
Foreign countries ³	23,238	21,205	25,410	32,526	42,324	43,279	62,676
Total shipments ⁴	5,648,039	5,719,244	7,264,212	8,044,350	9,160,601	9,088,280	9,026,843

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{1,2}

(Metric tons)

Destination	2018					
	August	September	October	November	December	January–December
Alabama	115,528	99,853	125,231	85,746	75,628	1,230,626
Alaska	19,145	16,009	14,118	7,214	5,106	137,053
Arizona	244,260	213,587	236,104	228,690	166,735	2,636,169
Arkansas	74,567	67,966	77,590	57,764	48,599	812,384
California, northern	402,581	337,349	385,121	299,195	259,059	3,943,138
California, southern	648,657	564,091	623,420	524,160	459,784	6,783,063
Colorado	234,067	206,923	216,513	190,123	139,720	2,294,718
Connecticut	57,203	47,468	61,979	46,308	35,044	558,111
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	633,603	523,344	620,011	565,484	503,669	6,934,744
Georgia	318,419	293,737	323,965	213,044	181,628	3,125,237
Hawaii	23,419	20,702	25,466	22,786	19,739	293,530
Idaho	68,178	60,641	70,668	57,332	27,030	630,590
Illinois, excluding Chicago	154,916	137,772	150,507	92,116	65,888	1,249,400
Illinois, Chicago metropolitan	174,305	166,599	204,186	160,397	84,580	1,595,125
Indiana	219,383	190,297	245,346	157,920	117,257	1,956,569
Iowa	246,558	178,400	239,676	148,095	70,338	1,848,614
Kansas	133,301	109,922	114,238	93,715	79,135	1,210,051
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	26,346	21,034	25,400	15,057	11,792	208,387
Maryland	118,736	81,807	126,419	90,432	81,253	1,140,337
Massachusetts	104,769	90,299	105,140	81,091	70,554	998,987
Michigan	264,237	213,947	258,647	172,391	103,982	2,077,160
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	184,756	162,138	183,732	120,178	115,404	1,689,360
Montana	39,184	34,139	39,520	22,793	12,090	314,858
Nebraska	120,669	98,916	101,470	84,019	55,777	987,657
Nevada	127,200	113,410	130,749	120,291	85,528	1,310,902
New Hampshire	23,150	18,567	23,681	15,631	12,644	193,266
New Jersey	138,461	107,634	137,630	104,210	92,807	1,291,240
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	448,598
New York, western	79,083	63,605	76,614	42,389	28,991	615,161
New York, metropolitan	181,564	150,643	193,771	151,895	124,931	1,810,231
North Carolina	247,511	193,953	258,876	188,000	143,526	2,519,220
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	160,848	133,014	167,152	145,663	113,027	1,717,352
Oregon	103,487	88,471	105,118	80,582	62,904	1,051,488
Pennsylvania, eastern	148,606	123,582	159,032	107,915	101,131	1,429,207
Pennsylvania, western	121,927	94,562	115,976	75,294	63,155	1,021,117
Rhode Island	12,313	10,555	14,563	11,783	10,371	121,032
South Carolina	163,580	130,955	154,524	106,275	90,102	1,609,206
South Dakota	77,157	53,025	69,345	39,464	14,333	457,974
Tennessee	176,339	137,138	185,002	127,919	113,628	1,699,775
Texas, northern	686,865	551,461	519,334	597,958	487,391	7,349,866
Texas, southern	755,590	463,762	623,446	638,535	608,717	7,747,808
Utah	152,408	125,851	154,211	129,662	87,673	1,452,073
Vermont	14,484	13,911	12,435	8,032	5,161	111,611
Virginia	176,322	129,441	175,488	132,690	115,955	1,724,938
Washington	204,283	156,406	195,975	153,630	128,404	1,886,142
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	264,420
Puerto Rico	39,228	31,614	34,891	35,387	30,627	407,850
Foreign countries ³	63,433	51,702	61,109	42,652	24,805	494,360
Total shipments ⁴	9,979,842	8,131,146	9,661,933	7,591,361	6,046,887	95,362,740

¹Data are unrounded but are believed 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 2017–DECEMBER 2018^{1, 2, 3}

(Metric tons)

Destination	2017						
	January	February	March	April	May	June	July
Alabama	1,207	1,253	1,574	1,195	1,321	1,344	1,415
Alaska	--	--	--	--	--	--	--
Arizona	1,442	1,276	1,890	1,462	1,711	1,723	1,374
Arkansas	--	--	--	24	--	--	--
California, northern	425	307	857	890	953	253	--
California, southern	--	--	--	--	--	--	--
Colorado	485	625	883	967	1,318	1,369	5,683
Connecticut	--	24	--	--	44	--	--
Delaware	6,109	7,268	7,408	6,944	8,363	9,436	8,199
District of Columbia	--	--	--	--	--	--	--
Florida	--	--	22	10	22	--	47
Georgia	1,451	1,128	1,515	1,207	1,221	1,425	1,155
Hawaii	--	--	--	--	--	--	--
Idaho	98	92	--	31	158	3,361	5,829
Illinois, excluding Chicago	1,153	643	956	1,300	1,301	1,258	1,861
Illinois, Chicago metropolitan	44	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Iowa	1,148	987	2,856	12,547	14,527	18,727	22,030
Kansas	1,198	2,185	2,618	3,509	4,463	4,239	3,077
Kentucky	--	--	--	--	--	--	--
Louisiana	2,467	4,830	5,311	1,879	1,972	2,535	1,252
Maine	20	20	20	20	24	20	--
Maryland	1,005	1,291	985	1,177	1,384	1,315	1,657
Massachusetts	1,612	1,389	1,595	2,316	2,716	3,556	2,633
Michigan	624	670	676	2,264	8,148	8,227	11,353
Minnesota	49	49	--	265	6,104	1,963	4,484
Mississippi	4,628	5,540	4,374	4,019	3,895	3,988	4,796
Missouri	977	1,409	1,833	1,435	1,744	2,009	1,829
Montana	23	99	297	46	745	121	23
Nebraska	2,919	4,882	10,876	19,724	28,476	44,346	30,187
Nevada	1,264	1,615	2,832	2,644	4,328	4,832	3,716
New Hampshire	--	--	28	83	28	143	69
New Jersey	892	966	867	601	811	785	713
New Mexico	353	425	433	255	279	460	230
New York, eastern	874	335	540	1,005	1,291	982	1,040
New York, western	291	330	372	714	1,315	1,187	1,378
New York, metropolitan	73	120	94	100	2,100	2,774	1,814
North Carolina	71	227	363	978	796	670	533
North Dakota	--	--	--	--	118	262	167
Ohio	506	707	776	642	226	536	446
Oklahoma	3,140	2,033	791	1,361	522	607	693
Oregon	62	63	513	--	454	5,661	13,621
Pennsylvania, eastern	3,407	3,979	6,902	10,949	15,119	17,612	14,566
Pennsylvania, western	384	313	434	768	624	188	93
Rhode Island	--	--	--	--	--	--	--
South Carolina	1,142	1,442	1,462	2,015	3,338	1,385	1,454
South Dakota	51	100	146	969	2,307	2,658	830
Tennessee	3,444	4,879	4,721	5,066	5,189	5,684	6,503
Texas, northern	4,530	6,746	4,012	3,892	3,440	4,624	5,182
Texas, southern	3,298	629	418	17,509	19,504	20,034	18,701
Utah	1,818	1,855	2,511	1,862	2,122	2,048	1,767
Vermont	151	340	390	228	384	2,675	334
Virginia	848	1,206	2,657	2,832	3,334	6,071	5,811
Washington	1,830	2,035	7,247	7,833	9,048	19,610	20,270
West Virginia	1,153	1,442	1,597	1,443	1,310	1,668	1,613
Wisconsin	3,313	3,211	904	2,296	2,161	908	3,812
Wyoming	--	--	1,523	--	--	--	--
Puerto Rico	16,905	19,535	20,929	19,837	21,931	24,667	20,868
Foreign countries ⁴	3,122	--	93	3,002	3,095	3,148	442
Total shipments ⁵	82,006	90,496	110,101	152,113	195,784	243,093	235,550

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{1, 2, 3}

(Metric tons)

Destination	2017					
	August	September	October	November	December	January–December
Alabama	1,570	1,241	1,646	1,433	1,042	16,241
Alaska	--	--	--	--	--	--
Arizona	1,745	2,028	2,528	2,179	1,991	21,351
Arkansas	--	--	--	3,201	--	3,224
California, northern	--	--	--	--	--	3,686
California, southern	--	--	--	--	--	--
Colorado	4,106	4,634	1,764	4,425	1,211	27,470
Connecticut	44	--	--	--	--	112
Delaware	9,613	9,045	8,397	7,263	6,169	94,214
District of Columbia	--	--	--	--	--	--
Florida	18	--	23	59	--	200
Georgia	1,168	1,004	1,058	1,129	721	14,182
Hawaii	--	--	--	--	--	--
Idaho	7,345	--	--	--	--	16,913
Illinois, excluding Chicago	1,298	1,205	1,782	1,503	1,472	15,732
Illinois, Chicago metropolitan	--	--	--	--	--	44
Indiana	--	--	--	--	--	--
Iowa	32,997	13,122	10,635	5,123	2,737	137,435
Kansas	3,296	2,299	2,616	1,930	804	32,235
Kentucky	--	--	--	--	--	--
Louisiana	831	2,475	2,690	1,561	711	28,513
Maine	20	--	--	--	--	144
Maryland	443	377	397	419	306	10,757
Massachusetts	3,240	6,104	2,609	2,006	608	30,383
Michigan	11,290	11,507	12,919	8,363	1,616	77,659
Minnesota	7,567	5,850	5,750	1,295	550	33,927
Mississippi	4,614	4,911	7,640	8,108	6,456	62,968
Missouri	1,637	1,393	1,236	1,217	836	17,553
Montana	26	59	938	165	393	2,934
Nebraska	57,416	57,628	31,367	22,475	6,502	316,797
Nevada	5,194	4,291	4,331	3,474	1,913	40,432
New Hampshire	73	76	55	44	--	601
New Jersey	835	403	583	1,004	1,149	9,610
New Mexico	231	325	192	55	133	3,371
New York, eastern	1,015	1,083	673	449	220	9,505
New York, western	2,651	1,901	1,678	1,213	791	13,821
New York, metropolitan	1,849	1,564	1,674	1,241	1,391	14,793
North Carolina	884	1,237	1,186	885	1,353	9,183
North Dakota	207	117	99	--	--	970
Ohio	582	444	591	338	608	6,401
Oklahoma	594	646	616	587	574	12,164
Oregon	16,999	--	--	--	--	37,371
Pennsylvania, eastern	17,928	14,293	13,817	12,644	7,760	138,976
Pennsylvania, western	45	705	1,581	46	--	5,181
Rhode Island	--	--	--	--	--	--
South Carolina	1,541	1,148	1,274	1,378	1,240	18,820
South Dakota	1,437	869	614	138	27	10,146
Tennessee	10,209	12,329	8,662	6,836	4,289	77,808
Texas, northern	6,374	4,326	2,942	4,164	2,680	52,912
Texas, southern	19,475	16,906	19,034	17,033	11,501	164,041
Utah	2,257	2,005	1,829	1,578	1,320	22,972
Vermont	306	--	260	87	38	5,193
Virginia	4,928	7,088	7,294	5,884	5,991	53,943
Washington	27,974	1,429	5,010	359	290	102,935
West Virginia	1,918	1,468	1,405	1,974	1,561	18,552
Wisconsin	4,749	4,607	4,818	2,749	1,005	34,533
Wyoming	--	--	--	--	--	1,523
Puerto Rico	24,300	16,782	10,931	19,416	15,716	231,818
Foreign countries ⁴	3,060	100	3,002	3,000	3,000	25,064
Total shipments ⁵	307,896	221,022	190,146	160,431	98,676	2,087,314

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{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	9,697
District of Columbia	--	--	--	--	--	--	--
Florida	--	3,573	9,034	11,837	19,301	24,011	23,837
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	2,732
Illinois, Chicago metropolitan	13	--	--	--	--	--	--
Indiana	--	--	--	23	--	--	--
Iowa	1,044	1,403	3,484	9,750	15,857	14,993	16,425
Kansas	499	340	1,610	1,113	1,151	1,930	2,032
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	3,698	3,682
Mississippi	3,806	4,097	7,367	7,364	5,446	5,114	4,393
Missouri	600	612	816	376	791	1,051	1,255
Montana	160	61	494	597	1,080	1,053	1,353
Nebraska	3,486	3,406	8,020	16,811	28,575	29,824	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	1,022
New York, western	147	74	53	336	323	433	734
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	16,701	15,989
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	5,830	6,143	3,301	2,937
Texas, southern	14,004	13,820	22,150	21,556	6,390	8,236	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	5,196	4,492
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	154,148	183,193	221,663	232,347	257,902

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{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	10,852	10,167	16,562	11,170	9,700	111,291
District of Columbia	--	--	--	--	--	--
Florida	27,132	25,166	31,232	27,947	21,604	224,674
Georgia	1,184	1,163	1,304	552	341	11,667
Hawaii	--	--	--	--	--	--
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	2,422	1,485	1,193	1,314	1,302	19,687
Illinois, Chicago metropolitan	--	--	--	--	--	13
Indiana	--	--	--	--	--	23
Iowa	12,394	12,887	13,252	6,580	2,412	110,480
Kansas	2,260	1,095	1,259	1,087	876	15,253
Kentucky	756	618	711	572	640	6,570
Louisiana	1,856	92	2,953	319	--	26,203
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	4,463	3,748	4,808	1,418	670	25,897
Mississippi	6,155	5,245	5,359	3,445	3,050	60,841
Missouri	1,030	1,192	1,080	1,394	1,735	11,931
Montana	3,203	2,645	1,417	894	287	13,243
Nebraska	50,494	36,764	31,509	19,523	5,849	284,132
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	5,759
New York, western	777	460	1,299	495	26	5,157
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	--	161,47893
Pennsylvania, eastern	20,648	15,497	19,340	12,242	7,253	148,102
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	40,170
Texas, southern	16,476	9,554	10,511	14,447	12,646	163,607
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	5,433	5,039	5,817	3,443	1,841	39,351
Wyoming	--	--	--	--	--	--
Puerto Rico	28,607	23,054	26,224	24,446	21,255	306,552
Foreign countries ⁴	450	--	47	140,6137	--	638
Total shipments ⁵	281,608	225,128	248,824	189,125	128,793	2,315,735

-- Zero.

¹Data are unrounded but are believed 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 2017–DECEMBER 2018^{1,2}

(Metric tons)

Destination	2017						
	January	February	March	April	May	June	July
Alabama	6,332	6,093	7,531	6,862	7,018	6,596	5,821
Alaska	--	--	--	--	--	--	--
Arizona	2,113	2,239	3,250	3,060	3,273	3,374	2,808
Arkansas	3,681	4,008	4,569	3,804	4,126	4,600	4,103
California, northern	2,321	2,977	3,493	3,182	3,432	4,052	2,578
California, southern	10,916	11,733	23,362	11,607	14,441	14,931	12,814
Colorado	329	357	525	464	472	579	436
Connecticut	593	462	866	1,229	1,404	1,404	1,416
Delaware	271	355	488	314	474	469	425
District of Columbia	--	--	3	--	--	--	--
Florida	40,959	37,240	45,800	38,642	44,100	40,504	39,795
Georgia	12,056	11,453	14,808	12,031	13,199	12,556	12,638
Hawaii	153	113	149	119	155	116	122
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	369	415	633	567	706	744	682
Illinois, Chicago metropolitan	1,037	1,054	1,037	1,266	1,617	1,715	1,557
Indiana	1,988	1,984	2,409	2,832	3,548	2,772	4,854
Iowa	1	--	24	24	--	--	3
Kansas	223	325	670	168	378	339	361
Kentucky	3,348	4,262	4,689	4,508	4,204	4,688	4,329
Louisiana	3,912	3,662	4,672	3,588	4,088	3,671	3,948
Maine	25	14	24	49	100	140	56
Maryland	2,997	2,662	2,540	2,449	2,364	2,997	2,417
Massachusetts	464	374	629	930	851	950	838
Michigan	2,536	3,397	3,778	4,579	5,653	5,703	5,267
Minnesota	23	60	38	34	49	141	78
Mississippi	2,918	2,708	3,480	2,884	3,259	3,052	2,908
Missouri	509	716	881	883	489	1,107	819
Montana	17	--	44	54	--	37	18
Nebraska	--	48	--	--	47	51	--
Nevada	288	193	435	340	423	416	339
New Hampshire	34	272	280	518	571	663	618
New Jersey	2,427	2,221	2,627	2,994	3,554	4,055	3,324
New Mexico	142	225	148	228	211	333	158
New York, eastern	259	215	312	670	806	710	642
New York, western	660	566	817	982	871	886	1,131
New York, metropolitan	2,644	2,568	3,177	3,928	4,847	5,029	4,440
North Carolina	11,949	14,223	16,229	13,038	14,469	15,194	14,398
North Dakota	46	89	68	136	114	114	137
Ohio	3,637	4,061	5,297	5,781	6,577	7,218	5,900
Oklahoma	2,145	1,980	2,452	2,259	2,321	2,291	2,204
Oregon	--	5	9	--	--	3	12
Pennsylvania, eastern	3,933	2,798	4,294	3,084	3,383	3,651	3,460
Pennsylvania, western	1,255	1,503	1,598	2,137	2,409	2,465	1,965
Rhode Island	16	1	51	54	58	41	43
South Carolina	5,967	6,019	6,677	5,835	5,983	6,276	5,830
South Dakota	--	--	--	--	--	--	--
Tennessee	10,414	11,745	12,951	12,035	13,011	12,709	12,214
Texas, northern	9,842	9,535	12,901	9,406	10,033	10,920	9,816
Texas, southern	16,580	16,612	20,069	16,476	19,132	20,071	17,324
Utah	--	--	--	--	--	--	--
Vermont	--	32	9	13	39	65	15
Virginia	4,629	6,307	5,772	5,695	5,880	6,361	5,308
Washington	1	--	--	--	4	--	1
West Virginia	412	549	518	752	892	739	709
Wisconsin	466	432	695	903	1,208	1,075	780
Wyoming	--	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--	--
Foreign countries ³	71	40	37	6	104	27	27
Total shipments ⁴	177,909	180,901	227,813	193,399	216,347	218,603	201,889

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{1,2}

(Metric tons)

Destination	2017					
	August	September	October	November	December	January–December
Alabama	6,807	6,227	7,398	6,570	5,326	78,581
Alaska	--	--	--	--	--	--
Arizona	3,134	2,539	2,350	2,592	2,297	33,028
Arkansas	5,029	4,248	4,500	4,004	3,180	49,852
California, northern	4,043	4,332	3,954	3,285	3,279	40,930
California, southern	17,268	14,576	16,374	15,431	15,287	178,741
Colorado	545	307	601	282	259	5,156
Connecticut	1,650	1,168	1,469	993	644	13,299
Delaware	417	455	438	359	386	4,853
District of Columbia	--	--	--	6	--	9
Florida	44,720	30,172	41,880	39,131	37,626	480,569
Georgia	13,765	10,629	13,549	12,869	8,900	148,454
Hawaii	112	108	93	122	103	1,466
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	729	738	726	506	280	7,095
Illinois, Chicago metropolitan	1,627	1,723	1,589	1,191	1,028	16,442
Indiana	3,276	5,804	4,186	3,903	1,989	39,545
Iowa	284	5	3	--	--	344
Kansas	434	409	429	258	249	4,242
Kentucky	4,563	4,175	4,655	3,727	3,636	50,783
Louisiana	3,755	3,927	4,445	4,174	2,675	46,518
Maine	72	34	73	31	15	633
Maryland	2,559	2,531	2,909	2,260	1,878	30,564
Massachusetts	1,011	777	855	628	376	8,682
Michigan	6,439	5,558	5,307	4,260	2,855	55,334
Minnesota	58	38	111	49	20	698
Mississippi	3,357	2,928	3,511	3,108	2,340	36,452
Missouri	1,115	1,121	1,129	904	757	10,429
Montana	--	36	65	15	--	288
Nebraska	50	--	2	--	49	247
Nevada	461	239	242	267	241	3,885
New Hampshire	710	517	552	484	454	5,674
New Jersey	3,773	3,654	3,739	3,235	2,162	37,764
New Mexico	243	305	174	230	107	2,503
New York, eastern	740	591	562	655	306	6,470
New York, western	1,207	965	875	698	367	10,024
New York, metropolitan	4,920	4,327	4,292	4,240	2,447	46,859
North Carolina	14,645	13,650	14,331	12,997	10,749	165,871
North Dakota	136	160	185	45	23	1,254
Ohio	7,649	6,430	6,716	5,561	4,168	68,995
Oklahoma	1,940	2,488	1,734	2,529	2,253	26,594
Oregon	--	--	--	--	--	28
Pennsylvania, eastern	3,684	3,006	3,372	2,761	1,901	39,326
Pennsylvania, western	2,186	2,134	2,165	1,541	1,255	22,612
Rhode Island	49	34	55	33	29	464
South Carolina	5,918	5,664	6,098	6,280	4,615	71,164
South Dakota	--	--	--	--	--	--
Tennessee	13,838	11,274	13,425	11,376	9,071	144,065
Texas, northern	11,010	10,307	10,816	10,595	8,674	123,855
Texas, southern	17,138	16,840	17,372	16,778	12,406	206,796
Utah	--	--	--	--	--	--
Vermont	6	16	32	20	5	253
Virginia	5,721	5,160	5,856	4,484	4,426	65,600
Washington	--	--	--	--	--	5
West Virginia	840	689	768	548	395	7,811
Wisconsin	1,472	1,112	1,051	455	297	9,947
Wyoming	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--
Foreign countries ³	33	33	5	25	20	429
Total shipments ⁴	225,138	194,164	217,019	196,497	161,803	2,411,483

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{1,2}

(Metric tons)

Destination	2018						
	January	February	March	April	May	June	July
Alabama	4,999	5,820	6,908	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	39,830	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	572
Illinois, Chicago metropolitan	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	--	--	288	301	187	494
Kansas	210	285	248	347	312	317	235
Kentucky	1,919	3,015	4,116	3,962	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	4,925	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	9,785	9,255	12,614	10,512	12,306	12,770	12,072
Texas, southern	15,369	14,094	17,833	17,816	17,612	16,290	16,227
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	168,009	169,217	207,149	208,775	222,630	214,767	228,049

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2017–DECEMBER 2018^{1,2}

(Metric tons)

Destination	2018					
	August	September	October	November	December	January–December
Alabama	6,997	5,938	7,051	5,414	4,369	74,745
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	53,815	66,215	44,448	39,364	584,254
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	1,289	1,270	1,120	587	100	7,496
Illinois, Chicago metropolitan	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	946	712	1,021	1,019	504	5,475
Kansas	383	311	303	270	253	3,475
Kentucky	4,605	3,696	4,674	3,227	2,862	45,202
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	66,694
Oklahoma	3,320	2,620	2,844	2,041	2,238	33,379
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	12,040	10,085	9,741	9,978	8,918	130,076
Texas, southern	18,091	13,252	14,511	14,590	13,244	188,930
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	234,494	198,836	233,616	172,019	150,011	2,407,572

-- Zero.

¹Data are unrounded but are believed 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 DECEMBER (2013–2018)¹

(Thousand metric tons)

Destination	2013	2014	2015	2016	2017	5-Year average	2018	Percent rate of change to current year from	
								2017	5-Year average
Alabama	62	70	74	71	88	73	77	-12.6	5.0
Alaska	7	9	7	5	7	7	5	-24.0	-26.4
Arizona	132	139	159	159	184	155	169	-8.1	9.4
Arkansas	52	69	63	58	56	60	49	-14.0	-18.6
California, northern	222	165	224	245	317	235	260	-18.1	10.7
California, southern	386	358	489	451	487	434	460	-5.6	5.9
Colorado	113	147	122	137	157	135	145	-8.0	7.1
Connecticut	33	38	49	36	36	38	35	-3.0	-8.6
Delaware	12	12	18	14	12	14	15	28.0	8.0
District of Columbia	14	13	24	17	17	17	12	-26.6	-26.1
Florida	415	442	503	517	525	480	525	0.1	9.4
Georgia	130	185	205	194	199	183	182	-8.7	-0.4
Hawaii	24	27	35	22	24	26	20	-19.3	-25.3
Idaho	16	27	21	18	30	22	27	-10.0	20.5
Illinois, excluding Chicago	59	89	84	68	74	75	67	-9.4	-10.1
Illinois, Chicago metropolitan	56	100	132	92	87	93	85	-2.5	-9.4
Indiana	69	144	126	103	111	110	117	5.2	6.2
Iowa	55	80	92	62	86	75	73	-15.2	-2.9
Kansas	73	82	87	73	81	79	80	-1.6	1.0
Kentucky	54	82	87	77	73	74	66	-9.6	-11.0
Louisiana	151	170	191	125	103	148	112	7.9	-24.8
Maine	8	11	15	12	11	11	12	6.0	4.3
Maryland	74	85	99	85	88	86	82	-6.5	-4.8
Massachusetts	54	71	84	73	67	70	71	5.9	1.3
Michigan	61	110	116	86	106	96	105	-1.7	8.9
Minnesota	45	63	70	60	56	59	59	6.1	0.8
Mississippi	50	59	51	47	42	50	39	-5.5	-20.8
Missouri	74	109	126	115	120	109	117	-2.4	7.7
Montana	9	15	14	8	14	12	12	-13.9	2.0
Nebraska	45	59	63	50	71	58	62	-13.4	6.6
Nevada	71	90	86	103	90	88	87	-3.1	-1.3
New Hampshire	10	13	15	12	10	12	13	25.1	5.9
New Jersey	93	115	121	109	100	107	94	-6.2	-12.4
New Mexico	39	44	31	35	42	38	44	5.4	14.8
New York, eastern	28	33	50	33 ²	29 ²	34	29	0.0	-16.1
New York, western	31	34	42	30 ²	30 ²	33	29	-2.8	-12.6
New York, metropolitan	76	110	142	131	127	117	125	-1.9	6.6
North Carolina	132	157	157	170	175	158	144	-18.0	-9.2
North Dakota	24	34	29	10	17	23	20	17.3	-13.7
Ohio	135	204	216	165	183	181	207	13.0	14.6
Oklahoma	102	136	118	118	118	118	114	-4.0	-4.0
Oregon	38	43	44	48	60	46	63	5.3	35.3
Pennsylvania, eastern	82	104	120	101	103	102	108	5.0	6.3
Pennsylvania, western	49	85	75	58	64 ²	66	64	-0.2	-3.0
Rhode Island	6	9	10	10	8	8	10	37.9	24.7
South Carolina	82	96	112	105	112	101	92	-18.3	-9.5
South Dakota	11	17	24	13	18	16	15	-17.6	-8.6
Tennessee	87	104	114	107	107	104	117	9.4	12.7
Texas, northern	376	521	459	515	498	474	488	-2.0	3.0
Texas, southern	604	681	674	571	464	599	621	34.0	3.8
Utah	52	87	72	81	98	78	89	-8.6	14.6
Vermont	5	5	8	5	5	6	5	5.3	-9.5
Virginia	102	120	131	135	133	124	122	-8.3	-1.7
Washington	90	111	104	107	118	106	134	13.3	26.4
West Virginia	28	36	25	27	28 ²	29	30	7.9	5.8
Wisconsin	49	80	86	76	77	74	82	6.7	11.9
Wyoming	16	21	16	11	16	16	14	-15.3	-12.9
Puerto Rico	52	49	43	48	38	46	52	38.3	12.7
Foreign countries	73	74	54	33	45	56	25	-44.9	-55.5
Total ³	5,092	6,244	6,605	6,044	6,244 ²	6,046	6,176	-1.1	2.1

¹Data are unrounded but are believed 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 2017–DECEMBER 2018¹

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	62,813	34,677	35,074	81,350	70,640	152,246	154,227
Pennsylvania	194,976	81,405	226,547	335,952	364,684	270,426	351,637
District subtotal ²	257,788	116,082	261,620	417,302	435,324	422,672	505,864
East North Central:							
Illinois	91,332	96,472	130,058	69,247	91,582	100,481	133,304
Indiana, Ohio	170,657	202,075	281,570	316,124	325,895	329,823	321,033
Michigan	209,338	190,377	264,570	89,628	189,204	285,815	274,490
District subtotal ²	471,327	488,924	676,198	474,999	606,682	716,118	728,827
West North Central:							
Iowa, Nebraska, South Dakota	274,456	275,219	163,492	201,169	291,707	275,938	283,862
Kansas	118,734	74,424	221,828	225,503	199,137	136,849	195,280
Missouri	375,677	563,120	746,729	568,410	863,362	847,464	746,776
District subtotal ²	768,867	912,762	1,132,049	995,082	1,354,206	1,260,251	1,225,917
South Atlantic:							
Florida	444,297	451,681	513,141	517,545	563,588	510,190	474,569
Georgia, Maryland, Virginia, West Virginia	200,540	345,790	418,098	521,933	520,311	488,045	515,963
Puerto Rico	--	38,141	68,218	49,371	21,912	77,914	72,504
South Carolina	134,515	155,911	273,502	265,575	241,071	270,929	271,184
District subtotal ²	779,351	991,522	1,272,958	1,354,424	1,346,882	1,347,077	1,334,221
East South Central:							
Alabama, Kentucky, Tennessee	424,865	230,421	541,696	561,695	628,288	483,343	552,010
West South Central:							
Arkansas and Oklahoma	156,624	151,192	125,664	171,027	184,001	205,425	188,409
Texas, northern	256,653	350,835	411,973	304,656	429,848	449,194	536,384
Texas, southern	375,468	443,921	500,140	504,316	466,673	417,887	523,738
District subtotal ²	788,745	945,948	1,037,777	979,999	1,080,522	1,072,505	1,248,531
Mountain and Pacific:							
Arizona and New Mexico	167,338	185,316	150,456	212,655	223,701	75,994	221,194
California	602,715	647,616	619,179	713,759	793,846	894,526	866,849
Colorado and Wyoming	88,058	218,982	305,523	151,199	273,248	248,802	211,148
Montana, Nevada, Oregon, Utah, Washington	212,476	199,817	242,540	327,513	319,512	280,865	326,090
District subtotal ²	1,070,586	1,251,730	1,317,697	1,405,125	1,610,307	1,500,187	1,625,282
Grand total ²	4,561,529	4,937,391	6,239,995	6,188,628	7,062,210	6,802,154	7,220,651

See footnotes at end of tables.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2017–DECEMBER 2018¹

(Metric tons)

District	2017					January–December
	August	September	October	November	December	
New England and Middle Atlantic:						
Maine and New York	184,941	162,986	178,812	121,906	179,261	1,418,931
Pennsylvania	317,191	309,695	362,977	313,108	243,016	3,371,613
District subtotal ²	502,132	472,681	541,788	435,013	422,276	4,790,544
East North Central:						
Illinois	123,918	123,527	130,576	83,456	134,037	1,307,989
Indiana, Ohio	302,842	293,444	244,315	293,572	280,008	3,361,358
Michigan	292,944	274,332	256,042	257,552	231,211	2,815,502
District subtotal ²	719,703	691,303	630,933	634,580	645,255	7,484,850
West North Central:						
Iowa, Nebraska, South Dakota	284,195	248,181	286,905	289,925	286,128	3,161,178
Kansas	217,661	169,979	128,155	165,872	209,700	2,063,122
Missouri	775,317	869,617	827,624	790,346	588,600	8,563,042
District subtotal ²	1,277,173	1,287,777	1,242,685	1,246,143	1,084,428	13,787,341
South Atlantic:						
Florida	476,247	331,011	464,564	492,484	529,313	5,768,630
Georgia, Maryland, Virginia, West Virginia	473,507	529,924	506,291	450,394	464,704	5,435,500
Puerto Rico	34,166	1,787	1,754	38,497	38,088	442,352
South Carolina	283,503	187,904	209,996	257,201	238,155	2,789,445
District subtotal ²	1,267,424	1,050,626	1,182,605	1,238,576	1,270,259	14,435,927
East South Central:						
Alabama, Kentucky, Tennessee	568,976	494,918	583,684	573,905	541,130	6,184,931
West South Central:						
Arkansas and Oklahoma	207,840	199,204	191,218	221,378	175,445	2,177,426
Texas, northern	399,688	369,125	315,956	375,857	415,800	4,615,967
Texas, southern	447,020	444,880	525,470	483,310	485,889	5,618,712
District subtotal ²	1,054,547	1,013,209	1,032,644	1,080,544	1,077,134	12,412,105
Mountain and Pacific:						
Arizona and New Mexico	218,750	237,233	169,286	192,009	230,784	2,284,716
California	868,642	726,487	876,749	819,897	851,392	9,281,657
Colorado and Wyoming	302,161	291,193	195,783	288,575	248,922	2,823,592
Montana, Nevada, Oregon, Utah, Washington	333,118	364,499	311,598	310,822	269,631	3,498,481
District subtotal ²	1,722,672	1,619,411	1,553,416	1,611,303	1,600,730	17,888,447
Grand total ²	7,112,627	6,629,926	6,767,755	6,820,065	6,641,213	76,984,145

See footnotes at end of tables.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2017–DECEMBER 2018¹

(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	221,219	284,907	371,848	334,230	357,170
District subtotal ²	197,709	178,085	325,827	469,192	515,788	508,547	560,092
East North Central:							
Illinois	111,671	58,298	51,553	34,342	105,157	110,766	90,156
Indiana, Ohio	183,218	207,070	264,504	140,654	282,429	309,484	320,828
Michigan	155,189	199,055	183,962	240,353	163,959	156,638	244,631
District subtotal ²	450,078	464,423	500,019	415,350	551,546	576,889	655,614
West North Central:							
Iowa, Nebraska, South Dakota	254,554	196,390	160,351	263,901	286,004	259,758	276,296
Kansas	202,959	50,263	94,870	202,029	210,394	225,325	173,388
Missouri	361,174	638,316	703,418	552,430	882,284	751,645	783,266
District subtotal ²	818,687	884,970	958,639	1,018,361	1,378,682	1,236,728	1,232,951
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	453,578	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	513,446	544,048	488,939
Texas, southern	366,682	409,754	492,007	448,941	518,142	346,385	477,064
District subtotal ²	787,553	913,661	1,030,793	1,110,922	1,238,499	1,102,335	1,203,954
Mountain and Pacific:							
Arizona and New Mexico	175,988	205,392	215,964	207,637	245,750	169,074	220,744
California	639,058	694,596	677,927	785,123	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	321,966	336,703	342,261	329,722
District subtotal ²	1,309,141	1,135,718	1,426,782	1,526,627	1,528,493	1,702,151	1,772,229
Grand total ^{2,3}	4,725,273	4,683,612	5,854,450	6,449,260	7,139,622	6,931,891	7,294,283

See footnotes at end of tables.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2017–DECEMBER 2018¹

(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	244,447	316,510	282,934	241,301	268,821	3,145,527
District subtotal ²	412,868	511,356	435,362	374,559	445,826	4,935,212
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	3,201,723
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	6,837,163
West North Central:						
Iowa, Nebraska, South Dakota	237,052	205,256	206,967	224,177	221,132	2,791,838
Kansas	221,542	197,762	227,779	212,908	190,945	2,210,165
Missouri	865,544	783,713	798,091	746,337	612,013	8,478,233
District subtotal ²	1,324,138	1,186,730	1,232,837	1,183,423	1,024,090	13,480,236
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	645,213	451,871	510,596	6,114,540
West South Central:						
Arkansas and Oklahoma	248,109	219,059	187,015	170,887	200,227	2,373,607
Texas, northern	508,309	346,967	440,548	450,922	456,065	5,183,241
Texas, southern	488,147	407,371	468,505	458,277	509,369	5,390,645
District subtotal ²	1,244,565	973,397	1,096,068	1,080,086	1,165,660	12,947,493
Mountain and Pacific:						
Arizona and New Mexico	262,319	121,730	252,107	245,844	249,834	2,572,384
California	813,930	801,868	840,979	804,884	825,251	9,513,561
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	3,784,486
District subtotal ²	1,695,351	1,535,408	1,687,619	1,604,661	1,643,944	18,568,125
Grand total ^{2,3}	7,050,483	6,763,441	7,135,377	6,414,592	6,522,791	76,965,074

W Withheld to avoid disclosing company proprietary data. -- Zero.

¹Data are unrounded but are believed 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, DECEMBER 2018¹

(Metric tons, unless otherwise specified)

Customs district	Brazil	Canada	China	Colombia	Croatia	Denmark	Egypt	France	Germany	Greece
Anchorage, AK	--	556	--	--	--	--	--	--	--	--
Baltimore, MD	9	--	--	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	--	--	--
Buffalo, NY	--	33,826	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--	--	--
Chicago, IL	--	--	--	--	--	--	--	20	--	--
Cleveland, OH	--	45,478	--	--	--	--	--	--	--	--
Columbia-Snake, ID OR WA	--	9,794	--	--	--	--	--	--	--	--
Dallas-Fort Worth, TX	--	--	--	--	--	--	--	--	--	--
Detroit, MI ³	--	173,946	12	--	--	--	--	--	--	--
El Paso, TX ⁴	--	--	34	--	--	--	--	--	--	--
Great Falls, MT	--	17,275	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--	--	--	--
Houston-Galveston, TX	--	45,151	46,200	--	--	--	2,179	--	--	43,770
Laredo, TX	--	--	--	--	--	--	--	--	--	--
Los Angeles, CA	--	--	1,350	--	--	--	2,834	--	--	--
Miami, FL	--	--	--	--	--	--	4,504	--	--	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	4,684	--	--	--	--	--
New York City, NY	--	17,803	--	--	--	4,500	--	--	--	34,000
Norfolk, VA	4,200	--	117	--	--	--	--	19,073	--	10,000
Ogdensburg, NY	--	15,124	--	--	--	--	--	--	--	--
Pembina, ND	--	3,951	--	--	--	--	--	--	--	--
Philadelphia, PA	--	--	45	--	902	--	1,650	--	--	41,800
Portland, ME	--	1,354	--	--	--	--	--	--	--	--
Providence, RI	--	14,884	--	--	--	--	--	--	--	--
San Diego, CA	--	--	--	--	--	--	--	--	--	--
San Francisco, CA	--	--	122,956	--	--	--	--	--	--	--
San Juan, PR	--	--	--	5,531	--	--	--	--	--	--
Savannah, GA	--	--	--	--	--	--	1,584	--	2	--
Seattle, WA ³	--	91,205	359	--	--	--	--	--	--	--
St. Albans, VT	--	11,426	--	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	24,940	--	--	--	--
Tampa, FL	--	--	--	--	--	--	--	--	--	44,000
Wilmington, NC	--	--	--	--	--	--	--	--	--	--
Total:										
Quantity ^{3,4}	4,209	481,773	171,073	5,531	5,586	29,440	12,751	19,093	2	173,570
Value ^{2,3,4}	\$2,680,103	\$42,693,259	\$11,852,681	\$692,468	\$2,497,164	\$4,199,257	\$1,778,032	\$6,737,403	\$3,685	\$10,904,136

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, DECEMBER 2018¹

(Metric tons, unless otherwise specified)

Customs district	Japan	Korea Republic of	Mexico	Netherlands	Poland	Spain	Sweden	Taiwan	Thailand	Tunisia	Turkey	United Kingdom
Anchorage, AK	--	--	--	--	--	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	--	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	42	--	--	--	--	--	--	--
Chicago, IL	--	--	--	2	--	--	--	--	--	--	--	--
Cleveland, OH	--	--	--	167	189	--	--	--	--	--	--	--
Columbia-Snake, ID OR WA	--	30,800	--	19	--	--	--	--	--	--	--	--
Dallas-Fort Worth, TX	--	--	--	--	--	--	--	--	--	--	--	--
Detroit, MI ³	--	--	--	--	--	--	--	--	--	--	--	--
El Paso, TX ⁴	--	--	27,337	--	--	--	--	--	--	--	--	--
Great Falls, MT	--	--	--	--	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--	36,200	--	--	--	--
Houston-Galveston, TX	--	--	--	--	95	--	--	--	--	--	3,335	--
Laredo, TX	--	--	14,862	--	--	26,338	--	--	--	--	--	--
Los Angeles, CA	87	33	16,000	--	--	--	--	--	587	--	677	--
Miami, FL	--	--	--	--	--	12,500	32,231	--	--	1	1,752	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	22	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--	--	--	--	--	--
New York City, NY	--	--	--	54	--	--	--	--	--	--	1,644	--
Norfolk, VA	--	--	--	38	--	--	--	--	--	--	--	1,298
Ogdensburg, NY	--	--	--	--	--	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	--	--	--	--	--	--	--	--	--	--	24
Portland, ME	--	--	--	--	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	--	--	--	1,932	--
San Diego, CA	--	--	135	--	--	--	--	--	--	--	--	--
San Francisco, CA	--	--	22,500	--	--	--	--	--	273	--	268	--
San Juan, PR	--	--	2,000	--	--	--	--	--	--	--	44,000	--
Savannah, GA	--	--	--	--	--	20	--	--	--	--	--	--
Seattle, WA ³	--	--	--	--	--	--	--	--	--	--	--	38
St. Albans, VT	--	--	--	--	--	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	18	--	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	--	--	--	--	--	--
Wilmington, NC	--	--	--	--	--	--	--	--	--	--	--	--
Total:												
Quantity ^{3,4}	87	30,833	82,834	298	348	38,858	32,231	36,200	860	1	53,608	1,360
Value ^{2,3,4}	\$58,196	\$1,825,033	\$8,638,715	\$396,074	\$355,232	\$3,107,767	\$2,362,532	\$2,566,580	\$164,532	\$2,357	\$5,027,135	\$1,264,824

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, DECEMBER 2018¹

(Metric tons, unless otherwise specified)

Customs district	December		Country or locality	January–December	
	Total	January–December		Quantity	Value ²
Anchorage, AK	556	100,523	Argentina	71	\$12,446
Baltimore, MD	9	1,654	Bahamas	14	15,182
Boston, MA	--	29,017	Belgium	2	13,068
Buffalo, NY	33,826	468,390	Brazil	8,464	5,343,489
Charleston, SC	42	20,550	Bulgaria	31,000	2,770,577
Chicago, IL	22	729	Canada ³	5,352,393	548,654,349
Cleveland, OH	45,834	733,743	China	2,007,527	136,951,912
Columbia-Snake, ID OR WA	40,613	677,172	Colombia	71,904	7,200,759
Dallas-Fort Worth, TX	--	190	Croatia	28,813	12,798,925
Detroit, MI ³	173,958	1,434,653	Denmark	208,832	29,409,797
El Paso, TX ⁴	27,371	424,537	Dominican Republic	190	21,118
Great Falls, MT	17,275	218,309	Egypt	130,901	18,510,778
Honolulu, HI	36,200	303,200	France	117,357	41,403,089
Houston-Galveston, TX	140,730	2,203,327	Germany	1,078	552,565
Laredo, TX	41,200	266,990	Greece	1,963,847	124,978,283
Los Angeles, CA	21,568	195,718	India	63	88,177
Miami, FL	50,988	633,457	Ireland	19,470	1,759,641
Milwaukee, WI	--	7,324	Italy	115,522	8,556,049
Minneapolis, MN	--	58,820	Japan	763	745,604
Mobile, AL	22	60	Korea, Republic of	679,531	40,495,754
New Orleans, LA	4,684	179,077	Mexico ⁴	1,036,561	110,415,843
New York City, NY	58,001	1,180,654	Morocco	12,020	970,006
Norfolk, VA	34,726	344,949	Netherlands	2,996	3,631,063
Ogdensburg, NY	15,124	284,099	New Zealand	1	6,739
Pembina, ND	3,951	169,080	Poland	8,587	8,994,158
Philadelphia, PA	44,421	478,455	Portugal	9,563	1,813,613
Portland, ME	1,354	25,156	South Africa	56	59,704
Providence, RI	16,816	389,439	Spain	472,643	37,938,236
San Diego, CA	135	2,347	Sweden	436,006	32,183,937
San Francisco, CA	145,997	1,347,004	Taiwan	303,242	21,504,825
San Juan, PR	51,531	374,887	Thailand	18,785	3,617,135
Savannah, GA	1,606	202,609	Tunisia	1	2,357
Seattle, WA ³	91,602	1,369,935	Turkey	2,085,571	162,390,008
St. Albans, VT	11,426	313,997	United Kingdom	1,717	1,638,951
St. Louis, MO	18	846	Total ^{2,3,4}	15,125,491	1,365,448,137
Tampa, FL	68,940	650,936			
Virgin Islands, U.S.	--	118			
Wilmington, NC	--	33,540			
Total:					
Quantity ^{3,4}	1,180,546	15,125,491			
Value ^{2,3,4}	\$109,807,165	\$1,365,448,137			

-- Zero.

¹Includes white cement and clinker.

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

³Data for the Detroit and Seattle districts for imports from Canada are thought to be underrepresented with respect to clinker.

⁴Data for the El Paso district for imports from Mexico are believed to be underrepresented with respect to cement.

Source: U.S. Census Bureau.

TABLE 6
 WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT
 AND COUNTRY OR LOCALITY, DECEMBER 2018^{1,2}

(Metric tons, unless otherwise specified)

Customs district	Canada	China	Denmark	Egypt	Mexico	Spain	Thailand	Tunisia	Turkey
Buffalo, NY	5,748	--	--	--	--	--	--	--	--
Charleston, SC	22,996	--	--	--	--	--	--	--	--
Detroit, MI	--	--	--	--	--	--	--	--	--
El Paso, TX	--	--	--	--	1,339	--	--	--	--
Houston-Galveston, TX	--	--	--	2,179	--	--	--	--	3,254
Laredo, TX	--	--	--	--	14,862	--	--	--	--
Los Angeles, CA	--	1,350	--	2,834	--	--	587	--	677
Miami, FL	--	--	--	4,504	--	12,500	--	1	1,752
New Orleans, LA	--	--	--	--	--	--	--	--	--
New York City, NY	--	--	4,500	--	--	--	--	--	--
Norfolk, VA	--	--	--	--	--	--	--	--	--
Ogdensburg, NY	427	--	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	--	--	1,650	--	--	--	--	--
San Diego, CA	--	--	--	--	135	--	--	--	--
San Francisco, CA	--	--	--	--	--	--	273	--	268
San Juan, PR	--	--	--	--	2,000	--	--	--	--
Savannah, GA	--	--	--	1,584	--	--	--	--	--
Seattle, WA	19	359	--	--	--	--	--	--	--
St. Albans, VT	--	--	--	--	--	--	--	--	--
Tampa, FL	--	--	24,940	--	--	--	--	--	--
Wilmington, NC	--	--	--	--	--	--	--	--	--
Total:									
Quantity	29,190	1,709	29,440	12,751	18,336	12,500	860	1	5,951
Value ³	\$3,820,336	\$291,981	\$4,199,257	\$1,778,032	\$2,822,332	\$1,699,375	\$164,532	\$2,357	\$1,288,359

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, DECEMBER 2018^{1,2}

(Metric tons, unless otherwise specified)

Customs district	December		Country or locality	January–December	
	Total	January–December		Quantity	Value ³
Buffalo, NY	5,748	56,148	Argentina	71	\$12,446
Charleston, SC	--	2,553	Canada	304,734	40,784,454
Detroit, MI	22,996	245,055	China	27,324	2,808,431
El Paso, TX	1,339	28,229	Denmark	208,703	29,383,456
Houston–Galveston, TX	5,433	143,682	Egypt	129,915	18,434,721
Laredo, TX	14,862	180,040	Germany	11	11,479
Los Angeles, CA	5,448	80,665	Greece	124,001	7,912,021
Miami, FL	18,757	186,349	Italy	8	6,010
New Orleans, LA	--	449	Mexico	222,731	34,718,419
New York City, NY	4,500	24,312	New Zealand	1	6,739
Norfolk, VA	--	7	Portugal	9,563	1,813,613
Ogdensburg, NY	427	3,107	Spain	100,137	13,381,030
Pembina, ND	--	3	Taiwan	42	7,945
Philadelphia, PA	1,650	38,588	Thailand	18,785	3,617,135
Providence, RI	--	14,000	Tunisia	1	2,357
San Diego, CA	135	2,347	Turkey	264,533	37,227,160
San Francisco, CA	541	24,843	Total	1,410,560	190,127,416
San Juan, PR	2,000	22,007			
Savannah, GA	1,584	149,128			
Seattle, WA	378	2,666			
St. Albans, VT	--	42			
Tampa, FL	24,940	198,190			
Wilmington, NC	--	8,150			
Total:					
Quantity	110,738	1,410,560			
Value ³	\$16,066,561	\$190,127,416			

-- 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, DECEMBER 2018¹

(Metric tons, unless otherwise specified)

Customs district	Canada	France	Turkey	December		Country or locality	January–December	
				Total	January–December		Quantity	Value ²
Baltimore, MD	--	--	--	--	--	Bahamas	14	\$15,182
Chicago, IL	--	--	--	--	--	Canada ³	678,698	53,161,177
Detroit, MI ³	116,080	--	--	116,080	680,190	China	5,689	1,672,815
Houston-Galveston, TX	--	--	--	--	66,544	France	115,908	39,909,553
Los Angeles, CA	--	--	--	--	1	Germany	12	8,253
Miami, FL	--	--	--	--	14	Spain	44,000	2,250,601
New Orleans, LA	--	--	--	--	3,144	Turkey	388,630	22,511,230
New York City, NY	--	--	--	--	99,965	Total	1,232,951	119,528,811
Norfolk, VA	--	18,778	--	18,778	115,583			
San Juan, PR	--	--	44,000	44,000	266,121			
Seattle, WA	--	--	--	--	140			
Total:								
Quantity	116,080	18,778	44,000	178,858	1,232,951			
Value ²	\$9,105,565	\$6,486,418	\$2,217,161	\$17,809,144	\$119,528,811			

-- 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 with respect to clinker.

Source: U.S. Census Bureau.