

Mineral Industry Surveys

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CEMENT IN SEPTEMBER 2017

This report provides monthly data on the shipments of cement to final customers and the production of clinker in the United States from January 2016 through September 2017.¹ Data on the imports of cement and clinker for September 2017 are also provided. The August and September 2017 data for Puerto Rico are preliminary owing to reporting disruptions resulting from the hurricanes in September.

Total shipments of portland and blended cement in the United States and Puerto Rico in September 2017 were about 8.8 million metric tons (Mt), about the same as shipments in September 2016 (tables 2A and 2B). The leading producing States for portland and blended cement in September 2017 were Texas, Missouri, California, Michigan, and Florida, in descending order (table 1A), and these accounted for 40% of the month's total sales. The leading cement-consuming States (Texas, California, Florida, Ohio, and Illinois, in descending order) received about 36% of the September shipments (tables 2A and 2B). Shipments for the year through September were 71.6 Mt, up slightly from those during the same period in 2016.

Masonry cement shipments of about 194,000 metric tons (t) in September 2017 were down by 7.4% from those in September 2016 (table 2C), likely reflecting hurricane disruptions to construction in Florida and Texas. The leading masonry-cement-consuming States were, in descending order, Florida, Texas, California, North Carolina, and Tennessee; these States received 45% of the September shipments. Masonry cement shipments for the year through September were 1.84 Mt, about the same as those for the same period in 2016.

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

Clinker production totaled 6.6 Mt in September 2017, up slightly from the output in September 2016 (table 4). The leading clinker-producing States in September were, in descending order, Missouri, Texas, California, Florida, and Pennsylvania, and these States accounted for 46% of the total production for the month. Clinker production for the year through September totaled 56.7 Mt, about the same as that for the same period in 2016.

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 are missing significant informal entries from Mexico. Imports increased in 2016 and the first quarter of 2017 at rates well in excess of overall cement consumption trends owing to a combination of slow recovery of domestic production, a strong dollar, and low ship chartering rates and bunker fuel costs. More recently, however, import volumes have been erratic relative to the same months in 2016. September 2017 imports of cement and clinker of about 1.3 Mt were 6.4% higher than those in September 2016. As listed, imports for the year through September totaled 10.3 Mt, essentially unchanged from the total for the same period in 2016. The 2017 total is understated by January imports of nearly 28,000 t of gray portland cement imported into the San Francisco Customs district under a tariff code for another commodity.

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TABLE 1A
PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016-SEPTEMBER 2017^{1,2}

(Metric tons)

District	2016						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	101,499	84,813	134,699	144,860	156,210	173,981	146,308
Pennsylvania	194,629	205,374	312,137	316,247	330,766	379,168	333,353
District subtotal ³	296,128	290,187	446,836	461,108	486,976	553,149	479,661
East North Central:							
Illinois	68,998	67,040	96,671	119,359	155,754	171,119	127,699
Indiana	93,739	112,450	176,472	210,264	237,090	272,985	287,511 ⁴
Michigan	106,062	115,156	159,731	273,833	391,721	463,451	413,029
Ohio	27,756	32,343	66,545	88,169	92,176	108,342	(4)
District subtotal ³	296,555	326,989	499,418	691,625	876,741	1,015,897	828,238
West North Central:							
Iowa, Nebraska, South Dakota	98,726	93,573	184,197	248,957	320,375	412,233	377,989
Kansas	118,491	153,808	184,997	176,816	167,639	227,455	196,482
Missouri	306,385	383,464	622,450	674,959	740,966	925,806	744,235
District subtotal ³	523,603	630,846	991,643	1,100,732	1,228,980	1,565,494	1,318,705
South Atlantic:							
Florida	446,787	536,241	563,063	517,650	494,037	506,593	471,342
Georgia, Maryland, Virginia, West Virginia	316,996	334,715	521,633	487,978	484,349	587,228	500,122
Puerto Rico	35,751	41,702	48,200	39,893	48,524	42,395	38,507
South Carolina	198,967	219,109	322,152	263,980	224,430	262,452	223,362
District subtotal ³	998,500	1,131,767	1,455,049	1,309,501	1,251,339	1,398,668	1,233,333
East South Central:							
Alabama, Kentucky, Tennessee	459,826	508,105	647,485	593,665	630,193	701,347	592,264
West South Central:							
Arkansas and Oklahoma	177,764	191,695	209,506	200,824	202,652	231,809	178,674
Texas, northern	382,045	438,120	370,198	351,701	354,252	418,866	428,227
Texas, southern	488,468	544,415	550,755	497,064	444,862	516,980	516,045
District subtotal ³	1,048,277	1,174,230	1,130,459	1,049,589	1,001,765	1,167,656	1,122,945
Mountain and Pacific:							
Arizona and New Mexico	142,783	183,693	204,963	187,348	194,301	195,718	169,942
California	621,012	753,053	851,889	808,099	820,464	889,226	817,257
Colorado and Wyoming	136,719	147,078	204,142	245,955	291,728	382,466	321,111
Montana, Nevada, Oregon, Utah							
Washington	202,384	230,487	291,421	315,895	354,069	398,857	354,445
District subtotal ³	1,102,897	1,314,311	1,552,416	1,557,297	1,660,561	1,866,267	1,662,755
U.S. total ³	4,725,786	5,376,436	6,723,305	6,763,516	7,136,556	8,268,477	7,237,901
Imports ⁵	541,197	634,619	771,196	919,379	1,022,992	1,059,386	967,975
Grand total ³	5,266,983	6,011,055	7,494,501	7,682,895	8,159,548	9,327,863	8,205,876

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

District	2016					
	August	September	October	November	December	January–December
New England and Middle Atlantic:						
Maine and New York	177,561	181,317	177,653	144,428	121,191	1,744,519
Pennsylvania	404,178	358,056	371,843	327,712	253,054	3,786,519
District subtotal ³	581,739	539,373	549,496	472,141	374,245	5,531,038
East North Central:						
Illinois	162,461	160,459	157,392	132,384	73,665	1,493,000
Indiana	364,810 ⁴	348,102 ⁴	382,974 ⁴	342,169 ⁴	199,990 ⁴	3,443,888 ⁴
Michigan	470,019	411,821	437,388	343,232	158,709	3,744,151
Ohio	(4)	(4)	(4)	(4)	(4)	(4)
District subtotal ³	997,289	920,382	977,755	817,785	432,365	8,681,039
West North Central:						
Iowa, Nebraska, South Dakota	438,260	408,768	414,606	296,927	128,102	3,422,713
Kansas	229,071	206,698	218,010	188,382	138,221	2,206,068
Missouri	940,588	930,128	974,593	812,043	532,123	8,587,740
District subtotal ³	1,607,918	1,545,594	1,607,210	1,297,352	798,445	14,216,521
South Atlantic:						
Florida	523,353	495,914	484,576	498,198	482,342	6,020,095
Georgia, Maryland, Virginia, West Virginia	568,977	492,748	567,888	508,541	395,418	5,766,594
Puerto Rico	38,437	34,981	33,916	32,421	37,249	471,976
South Carolina	261,881	229,892	234,617	239,549	195,914	2,876,304
District subtotal ³	1,392,649	1,253,536	1,320,997	1,278,709	1,110,923	15,134,969
East South Central:						
Alabama, Kentucky, Tennessee	657,530	613,071	617,944	571,185	426,143	7,018,758
West South Central:						
Arkansas and Oklahoma	223,940	218,084	220,332	179,898	164,890	2,400,066
Texas, northern	441,178	438,013	455,804	380,418	378,837	4,837,658
Texas, southern	484,081	502,100	517,050	472,115	469,481	6,003,416
District subtotal ³	1,149,199	1,158,196	1,193,186	1,032,431	1,013,208	13,241,141
Mountain and Pacific:						
Arizona and New Mexico	184,543	174,172	197,430	181,422	170,615	2,186,930
California	930,891	830,513	818,582	781,267	723,255	9,645,508
Colorado and Wyoming	364,808	318,886	305,358	246,573	157,103	3,121,927
Montana, Nevada, Oregon, Utah						
Washington	406,242	387,981	370,604	329,921	208,046	3,850,352
District subtotal ³	1,886,484	1,711,552	1,691,974	1,539,182	1,259,019	18,804,717
U.S. total ³	8,272,808	7,741,704	7,958,563	7,008,784	5,414,348	82,628,182
Imports ⁵	1,143,865	1,065,482	1,024,364	882,208	629,737	10,662,401
Grand total ³	9,416,673	8,807,186	8,982,927	7,890,993	6,044,085	93,290,584

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

District	2017					
	January	February	March	April	May	June
New England and Middle Atlantic:						
Maine and New York	93,612	83,483	104,874	129,799	165,500	170,211
Pennsylvania	211,327	222,031	258,375	304,508	354,770	379,318
District subtotal ³	304,938	305,514	363,250	434,308	520,270	549,528
East North Central:						
Illinois	72,381	71,660	89,185	94,552	124,635	123,851
Indiana	159,237 ⁴	188,714 ⁴	230,698 ⁴	285,679 ⁴	325,385 ⁴	376,196 ⁴
Michigan	109,864	121,644	155,090	255,005	366,658	410,265
Ohio	(4)	(4)	(4)	(4)	(4)	(4)
District subtotal ³	341,481	382,018	474,973	635,236	816,677	910,312
West North Central:						
Iowa, Nebraska, South Dakota	94,315	116,063	176,347	252,402	367,798	456,333
Kansas	122,814	156,853	207,607	203,698	218,795	238,836
Missouri	431,413	551,961	645,413	713,037	807,971	913,110
District subtotal ³	648,542	824,877	1,029,367	1,169,137	1,394,564	1,608,278
South Atlantic:						
Florida	482,157	451,353	558,609	517,056	548,503	518,340
Georgia, Maryland, Virginia, West Virginia	355,134	399,545	459,673	462,532	511,946	567,542
Puerto Rico	36,304	34,582	37,368	37,683	43,060	47,561
South Carolina	209,913	241,265	266,834	227,105	256,600	261,419
District subtotal ³	1,083,507	1,126,745	1,322,484	1,244,375	1,360,110	1,394,862
East South Central:						
Alabama, Kentucky, Tennessee	429,544	492,464	569,474	519,128	559,980	562,849
West South Central:						
Arkansas and Oklahoma	168,166	158,165	201,300	169,945	203,112	229,075
Texas, northern	346,404	397,449	474,547	412,414	476,800	477,294
Texas, southern	508,913	553,099	612,543	501,115	571,459	547,913
District subtotal ³	1,023,482	1,108,713	1,288,390	1,083,475	1,251,371	1,254,281
Mountain and Pacific:						
Arizona and New Mexico	169,985	169,410	210,982	192,445	199,183	236,451
California	561,168	616,383	890,277	847,170	962,086 ^r	945,342 ^r
Colorado and Wyoming	137,923	175,114	234,179	231,059	261,386	339,128
Montana, Nevada, Oregon, Utah						
Washington	171,489	197,896	302,660	312,945 ^r	406,416 ^r	433,879 ^r
District subtotal ³	1,040,565	1,158,803	1,638,098	1,583,619 ^r	1,829,072 ^r	1,954,800 ^r
U.S. total ³	4,872,060	5,399,132	6,686,036	6,669,278 ^r	7,732,043 ^r	8,234,912 ^r
Imports ⁵	568,602	634,342	807,809	891,241	1,091,426	1,121,835
Grand total ³	5,440,662	6,033,474	7,493,845	7,560,519 ^r	8,823,469 ^r	9,356,747 ^r

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

District	July	August	September	January–September
New England and Middle Atlantic:				
Maine and New York	149,823	186,299	176,095	1,259,694
Pennsylvania	342,737	409,176	362,753	2,844,996
District subtotal ³	492,560	595,474	538,848	4,104,689
East North Central:				
Illinois	113,188	136,823	132,580	958,854
Indiana	318,570 ⁴	396,926 ⁴	323,030 ⁴	2,604,434 ⁴
Michigan	378,471	465,957	415,839	2,678,793
Ohio	(4)	(4)	(4)	(4)
District subtotal ³	810,229	999,705	871,449	6,242,081
West North Central:				
Iowa, Nebraska, South Dakota	392,918	467,994	410,045	2,734,216
Kansas	207,663	235,170	207,949	1,799,385
Missouri	874,213	1,003,280	946,374	6,886,773
District subtotal ³	1,474,794	1,706,445	1,564,369	11,420,374
South Atlantic:				
Florida	500,259	547,161	367,855	4,491,293
Georgia, Maryland, Virginia, West Virginia	499,062	563,874	527,304	4,346,613
Puerto Rico	41,738	43,646 ^P	34,320 ^P	356,261 ^P
South Carolina	242,995	273,982	238,389	2,218,501
District subtotal ³	1,284,053	1,428,663 ^P	1,167,868 ^P	11,412,668 ^P
East South Central:				
Alabama, Kentucky, Tennessee	543,164	613,721	577,767	4,868,091
West South Central:				
Arkansas and Oklahoma	207,225	202,882	201,997	1,741,867
Texas, northern	427,321	455,104	443,710	3,911,042
Texas, southern	542,175	513,989	506,609	4,857,814
District subtotal ³	1,176,721	1,171,975	1,152,316	10,510,723
Mountain and Pacific:				
Arizona and New Mexico	201,815	237,582	231,211	1,849,063
California	855,109 ^r	967,374	835,725	7,480,635
Colorado and Wyoming	292,910	336,525	301,632	2,309,855
Montana, Nevada, Oregon, Utah				
Washington	379,330 ^r	437,311 ^r	388,672	3,030,598
District subtotal ³	1,729,164 ^r	1,978,792 ^r	1,757,239	14,670,152
U.S. total ³	7,510,685 ^r	8,494,775 ^{P,r}	7,629,857 ^P	63,228,778 ^P
Imports ⁵	973,668	1,204,818 ^r	1,122,879	8,416,620
Grand total ³	8,484,353 ^r	9,699,593 ^{P,r}	8,752,736 ^P	71,645,398 ^P

^PPreliminary. ^rRevised.

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.

⁴Beginning with July 2016, data for Indiana and Ohio have been combined to avoid disclosing proprietary data.

⁵As reported by domestic and Canadian cement manufacturers and other importers.

TABLE 1B
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

District	2016						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	951	826	2,972	2,241	2,761	2,761	2,741
Pennsylvania	8,348	8,856	15,585	13,329	13,593	15,579	13,817
District subtotal ³	9,299	9,681	18,557	15,570	16,354	18,340	16,558
East North Central:							
Illinois	W	W	W	W	W	W	W
Indiana	W	W	W	W	W	W	W
Michigan	3,307	3,652	6,153	6,563	7,664	10,797	8,113
Ohio	1,783	2,169	4,070	4,157	4,418	5,069	W
District subtotal ³	15,992	19,222	31,130	31,663	31,573	38,307	31,699
West North Central:							
Iowa, Nebraska, South Dakota	W	W	W	W	W	W	W
Kansas	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
District subtotal	2,162	2,641	4,091	3,660	3,253	1,150	2,356
South Atlantic:							
Florida	33,205	34,077	41,456	36,834	33,028	36,986	35,788
Georgia, Maryland, Virginia, West Virginia	18,351	19,596	27,279	25,234	25,047	28,811	24,557
Puerto Rico	--	--	--	--	--	--	--
South Carolina	12,868	14,440	19,349	16,646	15,434	17,817	16,520
District subtotal ³	64,423	68,112	88,084	78,714	73,509	83,614	76,864
East South Central:							
Alabama, Kentucky, Tennessee	15,864	18,021	23,100	22,294	21,784	23,831	19,254
West South Central:							
Arkansas and Oklahoma	7,816	8,554	9,713	7,616	8,315	9,046	7,950
Texas	25,173	26,263	27,017	26,352	25,413	26,948	25,564
District subtotal ³	32,989	34,817	36,730	33,968	33,728	35,993	33,513
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	2,582	2,667	3,063	2,756	2,834	3,142	2,597
California	14,329	16,524	24,701	15,234	15,629	20,205	17,702
District subtotal ³	16,911	19,191	27,763	17,990	18,463	23,346	20,299
U.S. total ³	157,639	171,687	229,456	203,858	198,664	224,582	200,543
Imports ⁵	1,170	1,062	1,976	1,905	2,019	2,243	1,757
Grand total ³	158,809	172,749	231,432	205,763	200,684	226,825	202,300

See footnotes at end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

District	2016					
	August	September	October	November	December	January–December
New England and Middle Atlantic:						
Maine and New York	3,151	2,485	2,619	1,904	1,140	26,550
Pennsylvania	15,295	14,578	14,839	12,530	8,872	155,222
District subtotal ³	18,446	17,062	17,458	14,434	10,013	181,772
East North Central:						
Illinois	W	W	W	W	W	W
Indiana	W	W	W	W	W	W
Michigan	8,313	7,916	7,285	6,533	3,715	80,011
Ohio	W	W	W	W	W	21,665 ⁴
District subtotal ³	34,026	32,036	32,235	29,973	22,891	350,747
West North Central:						
Iowa, Nebraska, South Dakota	W	W	W	W	W	W
Kansas	W	W	W	W	W	W
Missouri	W	W	W	W	W	W
District subtotal	3,630	3,607	3,931	3,335	3,034	36,849
South Atlantic:						
Florida	33,154	34,387	33,833	36,168	36,245	425,159
Georgia, Maryland, Virginia, West Virginia	26,988	25,048	25,507	24,842	18,577	289,838
Puerto Rico	--	--	--	--	--	--
South Carolina	18,290	16,409	16,239	17,495	14,176	195,682
District subtotal ³	78,432	75,844	75,579	78,505	68,998	910,679
East South Central:						
Alabama, Kentucky, Tennessee	22,402	21,104	21,508	19,977	14,699	243,838
West South Central:						
Arkansas and Oklahoma	8,204	8,327	9,175	8,511	7,365	100,591
Texas	26,226	27,469	27,227	24,206	22,787	310,644
District subtotal ³	34,429	35,796	36,403	32,718	30,151	411,235
Mountain and Pacific:						
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	2,883	2,551	2,631	2,488	2,327	32,521
California	19,533	19,743	19,596	16,807	15,667	215,671
District subtotal ³	22,416	22,294	22,227	19,296	17,994	248,191
U.S. total ³	213,780	207,744	209,340	198,238	167,779	2,383,310
Imports ⁵	2,202	2,032	1,764	1,701	1,256	21,088
Grand total ³	215,982	209,776	211,105	199,939	169,035	2,404,399

See footnotes at end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

District	2017					
	January	February	March	April	May	June
New England and Middle Atlantic:						
Maine and New York	981	840	1,686	2,807	3,211	3,181
Pennsylvania	9,353	8,560	11,285	11,742	14,063	14,979
District subtotal ³	10,334	9,400	12,972	14,549	17,275	18,161
East North Central:						
Illinois	W	W	W	W	W	W
Indiana	W	W	W	W	W	W
Michigan	3,505	4,428	5,205	6,415	7,909	8,015
Ohio	W	W	W	W	W	W
District subtotal ³	21,162	23,264	26,176	27,170	28,621	29,563
West North Central:						
Iowa, Nebraska, South Dakota	W	W	W	W	W	W
Kansas	W	W	W	W	W	W
Missouri	W	W	W	W	W	W
District subtotal	2,374	2,928	3,575	3,046	3,065	3,797
South Atlantic:						
Florida	39,463	35,739	44,163	37,222	42,672	39,052
Georgia, Maryland, Virginia, West Virginia	21,482	23,375	26,626	23,920	26,378	27,051
Puerto Rico	--	--	--	--	--	--
South Carolina	15,501	16,254	18,869	16,182	17,467	17,614
District subtotal ³	76,446	75,368	89,657	77,324	86,517	83,718
East South Central:						
Alabama, Kentucky, Tennessee	18,463	19,073	23,233	19,018	22,322	21,006
West South Central:						
Arkansas and Oklahoma	7,085	7,313	8,725	7,377	7,683	8,294
Texas	24,812	24,450	30,617	24,139	26,963	28,709
District subtotal ³	31,898	31,762	39,343	31,517	34,646	37,003
Mountain and Pacific:						
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	2,527	2,798	3,842	3,788	3,878	4,270
California	13,527	14,906	27,298	15,130	18,296	19,393
District subtotal ³	16,054	17,704	31,140	18,918	22,174	23,663
U.S. total ³	176,730	179,499	226,096	191,542	214,621	216,911
Imports ⁵	1,179	1,402	1,644	1,857	1,726	1,693
Grand total ³	177,909	180,901	227,740	193,399	216,347	218,603

See footnotes at the end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

District	July	August	September	January–September
New England and Middle Atlantic:				
Maine and New York	3,049	3,563	2,558	21,878
Pennsylvania	13,207	14,598	13,043	110,831
District subtotal ³	16,256	18,162	15,601	132,708
East North Central:				
Illinois	W	W	W	W
Indiana	W	W	W	W
Michigan	7,093	9,182	7,814	59,565
Ohio	W	W	W	W
District subtotal ³	28,851	31,119	30,282	246,208
West North Central:				
Iowa, Nebraska, South Dakota	W	W	W	W
Kansas	W	W	W	W
Missouri	W	W	W	W
District subtotal	2,996	4,172	3,262	29,217
South Atlantic:				
Florida	38,210	43,040	28,714	348,275
Georgia, Maryland, Virginia, West Virginia	25,405	27,868	24,869	226,974
Puerto Rico	--	--	--	--
South Carolina	15,818	16,880	14,813	149,397
District subtotal ³	79,432	87,788	68,395	724,646
East South Central:				
Alabama, Kentucky, Tennessee	21,107	22,199	20,341	186,761
West South Central:				
Arkansas and Oklahoma	7,691	8,567	8,233	70,968
Texas	24,581	25,522	23,976	233,770
District subtotal ³	32,272	34,088	32,209	304,738
Mountain and Pacific:				
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	3,357	3,867	3,069	31,397
California	15,742	21,772	19,146	165,211
District subtotal ³	19,100	25,640	22,215	196,608
U.S. total ³	200,014	223,168	192,305	1,820,886
Imports ⁵	1,875	1,969	1,859	15,204
Grand total ³	201,889	225,138	194,164	1,836,091

W Withheld to avoid disclosing company proprietary data; included in totals. -- 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.

⁴Total is for January through June 2016 only.

⁵As reported by domestic and Canadian cement manufacturers and other importers.

TABLE 2A
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

Destination	2016						
	January	February	March	April	May	June	July
Alabama	72,343	78,591	96,152	102,668	105,228	103,002	89,547
Alaska	5,230	6,963	10,398	9,431	13,158	16,902	13,961
Arizona	139,209	175,290	194,827	175,612	175,655	175,393	153,344
Arkansas	56,031	75,099	71,202	74,505	75,654	81,756	67,585
California, northern	177,445	245,545	252,853	276,289	288,976	322,003	290,155
California, southern	398,465	457,025	534,163	494,922	506,498	546,491	508,381
Colorado	117,552	126,789	159,554	174,202	191,066	233,371	212,494
Connecticut	29,178	24,864	44,119	47,273	55,771	62,654	54,430
Delaware	6,770	9,205	13,527	9,714	6,363	10,523	8,341
District of Columbia	18,165	18,651	23,922	20,553	17,570	18,417	15,233
Florida	484,398	568,706	609,964	566,850	549,971	566,412	508,077
Georgia	174,900	204,670	283,330	266,469	265,049	280,138	236,425
Hawaii	31,072	30,445	32,461	30,448	31,210	31,017	25,356
Idaho	20,483	29,638	42,343	47,520	51,413	57,181	52,749
Illinois, excluding Chicago	47,083	49,654	89,395	105,232	124,919	151,943	122,104
Illinois, Chicago metropolitan	47,389	65,733	119,068	130,001	160,445	188,310	165,862
Indiana	62,402	72,293	116,244	142,096	162,842	198,850	154,524
Iowa	39,496	38,072	99,588	138,638	172,662	224,673	189,792
Kansas	59,681	86,846	113,067	108,405	99,330	146,410	115,242
Kentucky	51,502	62,944	102,127	101,912	96,818	115,487	91,672
Louisiana	161,408	182,649	174,948	149,443	159,930	157,220	133,001
Maine	7,850	6,658	10,534	17,445	20,991	22,814	21,155
Maryland	62,540	68,957	112,252	108,311	98,244	116,376	100,102
Massachusetts	52,065	42,915	68,113	82,346	93,492	104,736	86,880
Michigan	55,721	59,142	80,746	146,459	219,205	241,127	207,949
Minnesota	43,334	43,356	62,335	101,204	167,620	218,119	187,765
Mississippi	40,166	47,558	52,377	48,287	55,230	58,007	48,809
Missouri	78,697	102,949	150,519	147,818	138,285	203,393	143,116
Montana	6,370	10,939	18,861	26,696	30,176	39,258	34,909
Nebraska	29,215	31,978	79,795	83,034	85,358	119,938	103,545
Nevada	81,787	87,643	102,279	96,783	107,398	112,072	106,669
New Hampshire	8,288	6,642	11,721	15,160	18,783	20,091	18,124
New Jersey	70,813	71,902	115,164	116,722	116,796	131,805	118,717
New Mexico	28,174	32,908	38,740	35,393	36,745	42,259	35,944
New York, eastern	22,397	20,569	37,954	41,710	49,208	52,565	45,279
New York, western	19,007	18,323	28,652	43,461	61,601	72,058	64,105
New York, metropolitan	96,954	95,986	146,900	152,019	152,604	169,733	145,337
North Carolina	143,652	156,030	257,525	226,757	210,543	240,497	212,225
North Dakota	18,978	10,217	20,757	28,823	67,141	86,250	88,591
Ohio	100,823	115,160	214,939	280,081	309,898	365,871	309,010
Oklahoma	112,805	132,252	133,994	115,481	121,838	145,805	121,859
Oregon	45,964	57,613	67,456	72,899	69,452	75,494	71,237
Pennsylvania, eastern	71,411	73,196	129,403	135,521	138,787	159,505	138,739
Pennsylvania, western	44,362	44,575	73,380	79,970	90,754	105,868	99,229
Rhode Island	5,384	3,784	7,222	9,654	10,495	11,336	8,584
South Carolina	101,892	119,026	168,847	154,739	149,687	169,018	140,772
South Dakota	7,795	8,654	18,253	30,402	46,310	63,701	59,070
Tennessee	80,573	91,412	128,460	135,798	127,611	142,986	116,170
Texas, northern	483,596	538,549	518,023	513,159	481,639	557,721	543,289
Texas, southern	653,503	750,116	727,253	632,833	611,368	655,225	649,867
Utah	60,123	67,192	94,591	106,987	120,016	137,703	118,993
Vermont	4,104	4,157	5,018	4,589	12,325	11,228	7,548
Virginia	103,344	108,467	173,343	161,937	150,455	175,334	155,609
Washington	107,755	125,306	138,567	145,699	152,326	159,888	142,363
West Virginia	19,771	20,510	28,376	31,038	32,543	37,517	33,149
Wisconsin	43,713	51,625	75,462	154,094	203,175	233,478	207,780
Wyoming	11,866	11,528	14,161	18,097	23,590	31,586	27,108
Puerto Rico	18,980	22,090	20,472	19,487	19,866	22,576	21,887
Foreign countries ³	41,698	44,312	49,575	42,797	62,536	73,721	66,976
Total shipments ⁴	5,185,674	5,913,866	7,365,274	7,535,872	7,974,615	9,074,810	8,016,734

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

Destination	2016					
	August	September	October	November	December	January–December
Alabama	98,391	98,080	96,673	88,227	70,168	1,099,071
Alaska	18,037	14,980	13,151	10,693	5,371	138,274
Arizona	169,906	159,902	173,619	156,696	160,074	2,009,527
Arkansas	75,897	77,328	83,949	69,619	57,773	866,400
California, northern	332,564	302,460	284,881	291,309	244,896	3,309,375
California, southern	577,131	513,414	516,746	492,482	450,732	5,996,450
Colorado	244,607	227,043	223,803	192,159	136,900	2,239,539
Connecticut	59,866	55,320	56,235	51,696	35,843	577,249
Delaware	7,790	7,032	6,916	8,762	6,794	101,738
District of Columbia	20,275	18,478	21,270	18,609	16,992	228,135
Florida	561,846	535,543	521,322	531,138	516,668	6,520,895
Georgia	270,550	262,050	264,530	243,689	192,809	2,944,609
Hawaii	28,423	25,106	25,145	23,380	21,932	335,995
Idaho	63,546	52,386	49,538	46,645	17,755	531,196
Illinois, excluding Chicago	171,057	169,911	154,141	125,854	66,953	1,378,245
Illinois, Chicago metropolitan	186,361	165,763	205,925	168,527	91,838	1,695,221
Indiana	191,748	179,675	210,865	198,818	100,747	1,791,103
Iowa	217,018	190,681	228,111	182,605	60,268	1,781,603
Kansas	150,108	127,536	141,242	123,794	71,315	1,342,975
Kentucky	120,383	111,871	114,590	107,303	76,717	1,153,327
Louisiana	141,988	162,392	159,499	131,857	123,547	1,837,883
Maine	24,466	23,151	23,053	20,337	11,626	210,081
Maryland	121,521	105,272	115,760	102,157	83,518	1,195,012
Massachusetts	106,292	96,873	100,035	87,239	71,493	992,480
Michigan	243,602	205,168	223,852	183,149	85,589	1,951,709
Minnesota	219,035	193,093	189,603	128,652	59,370	1,613,487
Mississippi	60,591	71,101	72,045	56,709	44,460	655,340
Missouri	178,031	181,261	190,653	155,632	114,214	1,784,568
Montana	39,395	35,832	34,439	33,432	7,835	318,142
Nebraska	114,225	107,075	104,179	91,215	44,654	994,211
Nevada	114,374	112,929	111,040	104,002	98,774	1,235,751
New Hampshire	21,093	18,676	21,727	17,610	11,618	189,535
New Jersey	144,449	132,035	142,293	121,370	108,110	1,390,176
New Mexico	39,840	34,497	42,252	40,428	35,114	442,294
New York, eastern	47,321	53,906	51,710	43,525	30,692	496,833
New York, western	77,100	76,443	73,922	58,764	31,119	624,554
New York, metropolitan	174,986	157,888	158,918	150,533	130,603	1,732,461
North Carolina	244,491	206,886	210,023	198,661	170,035	2,477,327
North Dakota	155,266	130,929	99,059	46,306	10,214	762,531
Ohio	372,896	337,327	357,387	301,072	164,242	3,228,706
Oklahoma	149,295	134,053	133,325	122,529	114,820	1,538,055
Oregon	85,362	81,271	70,409	72,679	47,419	817,256
Pennsylvania, eastern	173,861	145,912	154,693	131,039	94,169	1,546,236
Pennsylvania, western	108,678	100,919	114,376	84,709	57,409	1,004,230
Rhode Island	11,486	9,174	10,703	9,759	9,582	107,163
South Carolina	157,784	130,993	134,966	140,140	103,143	1,671,008
South Dakota	59,991	66,166	56,988	36,732	12,574	466,636
Tennessee	146,084	142,906	150,452	134,052	102,915	1,499,421
Texas, northern	570,726	563,857	581,436	490,837	509,331	6,352,162
Texas, southern	608,512	659,633	682,933	597,945	568,472	7,797,660
Utah	138,045	126,870	134,144	123,982	78,685	1,307,329
Vermont	9,798	11,734	10,936	8,760	5,029	95,225
Virginia	180,996	154,752	169,009	158,913	133,968	1,826,126
Washington	163,104	156,393	138,793	125,163	103,932	1,659,289
West Virginia	40,079	38,557	37,132	36,921	25,849	381,441
Wisconsin	237,781	210,101	244,362	179,225	74,849	1,915,645
Wyoming	28,586	26,336	26,822	21,430	10,607	251,717
Puerto Rico	23,168	22,524	21,752	24,873	29,027	266,702
Foreign countries ³	77,966	74,878	54,501	45,311	29,973	664,245
Total shipments ⁴	9,177,767	8,594,329	8,801,835	7,749,654	5,951,128	91,341,557

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

Destination	2017					
	January	February	March	April	May	June
Alabama	74,709	80,643	100,480	99,506	95,639	90,025
Alaska	4,265	5,495	6,905	8,997	13,541	16,800
Arizona	164,313	170,053	191,588	181,256	194,886	202,090
Arkansas	54,337	60,750	69,789	62,238	74,184	77,078
California, northern	179,686	169,980	290,767	263,659	338,866	356,517
California, southern	342,883	406,884	587,694	575,808	614,811	642,859
Colorado	121,505	152,866	204,734	190,303	196,323	259,086
Connecticut	29,293	26,132	29,816	42,226	57,631	61,986
Delaware	5,044	6,682	8,163	8,987	8,961	8,892
District of Columbia	13,331	19,139	18,441	24,898	20,158	22,158
Florida	548,611	520,037	615,159	542,094	589,248	554,118
Georgia	219,495	247,769	299,230	241,885	262,649	246,371
Hawaii	26,011	23,509	28,596	30,017	31,953	26,322
Idaho	8,225	17,902	36,877	41,076	56,950	59,836
Illinois, excluding Chicago	46,835	62,105	83,948	91,473	114,121	138,250
Illinois, Chicago metropolitan	70,602	84,614	90,543	140,928	157,476	176,756
Indiana	78,694	96,054	119,441	150,624	171,154	202,524
Iowa	37,446	48,437	84,922	133,197	178,662	233,035
Kansas	64,143	82,920	101,045	99,401	109,613	125,221
Kentucky	59,001	71,694	84,531	86,732	101,280	118,222
Louisiana	123,113	136,165	156,186	148,740	137,918	121,253
Maine	8,789	5,790	9,555	13,254	22,304	25,873
Maryland	69,992	78,998	87,092	98,202	103,996	121,059
Massachusetts	56,467	47,855	62,360	82,732	97,191	99,664
Michigan	62,518	66,319	88,281	145,469	216,168	238,374
Minnesota	42,767	51,130	68,161	101,763	157,949	192,751
Mississippi	40,030	51,431	53,998	50,534	51,470	48,062
Missouri	86,281	127,562	134,313	134,954	154,413	191,034
Montana	6,793	8,280	18,047	23,585	35,576	40,148
Nebraska	21,619	39,301	65,292	71,451	89,374	110,987
Nevada	92,242	90,435	115,901	109,247 [†]	120,648 [†]	111,564 [†]
New Hampshire	9,735	7,580	10,267	14,255	22,459	23,804
New Jersey	83,242	86,823	103,690	112,437	130,944	131,892
New Mexico	28,930	31,400	44,121	39,893	47,730	51,881
New York, eastern	23,122	22,130	26,979	36,522	44,942	50,432
New York, western	29,117	19,818	23,943	48,905	66,051	80,660
New York, metropolitan	103,961	109,119	127,146	150,112	170,728	174,935
North Carolina	169,677	207,865	234,703	190,540	222,062	231,217
North Dakota	9,935	10,313	14,835	28,157	53,603	72,098
Ohio	124,897	148,686	186,419	246,451	289,536	349,305
Oklahoma	106,429	119,947	148,944	129,065	160,799	192,079
Oregon	49,143	58,728	72,724	73,873	92,466	80,380
Pennsylvania, eastern	83,791	87,669	98,326	125,267	143,243	155,036
Pennsylvania, western	49,977	52,639	55,462	77,131	100,928	112,779
Rhode Island	5,901	5,030	5,748	11,108	12,285	13,406
South Carolina	110,558	127,793	156,620	132,685	152,100	146,052
South Dakota	9,775	9,430	17,764	29,595	54,271	69,976
Tennessee	106,149	119,713	134,989	124,811	136,159	138,846
Texas, northern	503,469	552,701	689,403	578,459	658,040	627,079
Texas, southern	589,415	641,030	721,686	604,788	692,081	635,571
Utah	51,737	66,291	106,469	110,206	142,990	150,193
Vermont	4,172	3,331	4,114	5,764	9,500	10,470
Virginia	119,423	146,582	164,715	154,433	163,086	181,564
Washington	90,315	104,173	129,090	132,617	148,701	144,294
West Virginia	22,358	27,154	28,789	31,026	41,620	41,411
Wisconsin	49,841	51,790	75,834	134,791	188,933	204,618
Wyoming	10,192	11,400	15,635	18,525	25,377	30,325
Puerto Rico	23,880	25,417	25,566	22,582	25,261	30,628
Foreign countries ³	30,715	31,570	48,163	49,755	58,379	64,806
Total shipments ⁴	5,358,893	5,943,054	7,384,002	7,408,985 [†]	8,629,388 [†]	9,114,650 [†]

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

Destination	July	August	September	January–September
Alabama	93,295	99,579	101,342	835,218
Alaska	15,715	18,170	16,086	105,974
Arizona	168,423	197,545	197,936	1,668,089
Arkansas	65,363	76,377	73,160	613,275
California, northern	335,502	428,225	364,958	2,728,161
California, southern	554,533	625,206	532,928	4,883,605
Colorado	217,255	253,386	221,395	1,816,852
Connecticut	54,912	69,704	49,890	421,589
Delaware	6,700	7,143	4,859	65,432
District of Columbia	19,882	19,825	18,884	176,715
Florida	535,501	597,316	403,725	4,905,810
Georgia	250,765	277,103	248,369	2,293,636
Hawaii	25,055	28,337	25,706	245,505
Idaho	48,583	54,873	54,036	378,360
Illinois, excluding Chicago	116,100	152,929	153,764	959,525
Illinois, Chicago metropolitan	141,124	197,817	158,116	1,217,976
Indiana	182,439	227,974	191,353	1,420,256
Iowa	200,618	229,902	210,286	1,356,506
Kansas	110,979	132,300	113,402	939,024
Kentucky	101,127	120,017	93,948	836,552
Louisiana	153,258	142,418	169,942	1,288,994
Maine	22,532	27,204	24,039	159,340
Maryland	99,161	115,048	108,201	881,749
Massachusetts	84,209	109,169 ^f	104,681	744,328
Michigan	210,331	249,938	232,900	1,510,296
Minnesota	197,311	213,341	197,259	1,222,431
Mississippi	55,478	54,300	58,708	464,011
Missouri	160,076	185,029	175,694	1,349,355
Montana	33,727	43,496	38,876	248,528
Nebraska	103,255	115,810	109,256	726,345
Nevada	98,878 ^f	108,742 ^f	97,111	944,768
New Hampshire	18,951	23,337	19,554	149,942
New Jersey	111,103	139,296	132,230	1,031,658
New Mexico	47,059	53,338	46,334	390,687
New York, eastern	41,204	50,818	45,621	341,770
New York, western	70,801	92,406	82,391	514,093
New York, metropolitan	149,151	180,269	162,821	1,328,240
North Carolina	200,859	233,563	216,630	1,907,116
North Dakota	72,159	87,127	77,714	425,942
Ohio	294,505	379,674	339,133	2,358,607
Oklahoma	151,654	149,860	130,241	1,289,019
Oregon	70,246	81,916	100,775	680,250
Pennsylvania, eastern	140,779	167,370	154,851	1,156,332
Pennsylvania, western	108,507	127,649	116,484	801,556
Rhode Island	10,727	14,519	9,773	88,498
South Carolina	136,827	145,534	125,969	1,234,138
South Dakota	59,274	59,258	62,001	371,343
Tennessee	119,882	138,061	129,676	1,148,285
Texas, northern	579,804	620,907	612,056	5,421,917
Texas, southern	637,324	566,825	582,149	5,670,868
Utah	123,936	159,495	139,174	1,050,490
Vermont	9,462	12,165	11,895	70,874
Virginia	151,225	169,557	160,990	1,411,575
Washington	131,564	149,862	167,030	1,197,646
West Virginia	37,733	47,345	42,727	320,162
Wisconsin	194,364	242,180	207,491	1,349,844
Wyoming	30,178	34,663	27,241	203,535
Puerto Rico	24,414	23,955 ^p	18,905 ^p	220,608 ^p
Foreign countries ³	63,841	63,978	56,216	467,424
Total shipments ⁴	8,249,618 ^f	9,393,150 ^{p,f}	8,528,883 ^p	70,010,623 ^p

^fPreliminary. ^rRevised.

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 2016–SEPTEMBER 2017^{1, 2, 3}

(Metric tons)

Destination	2016						
	January	February	March	April	May	June	July
Alabama	519	611	772	805	1,655	1,681	1,703
Alaska	--	--	--	274	512	826	562
Arizona	1,776	1,522	1,632	1,675	1,558	1,637	1,347
Arkansas	94	--	--	--	89	--	--
California, northern	122	--	166	807	935	877	849
California, southern	--	--	--	--	--	--	--
Colorado	390	974	1,368	5,386	3,651	2,360	709
Connecticut	2,121	22	1,507	36	316	54	22
Delaware	4,869	4,634	7,463	7,328	6,969	9,887	9,067
District of Columbia	--	--	--	--	--	--	--
Florida	17	163	635	166	237	383	145
Georgia	1,745	536	2,327	783	836	875	775
Hawaii	--	--	--	--	--	--	--
Idaho	510	386	250	995	746	1,044	499
Illinois, excluding Chicago	--	98	267	1,313	1,701	2,285	1,525
Illinois, Chicago metropolitan	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Iowa	457	845	4,341	9,439	15,471	19,083	4,725
Kansas	541	853	2,103	2,057	1,924	3,299	2,806
Kentucky	--	--	--	76	--	--	--
Louisiana	6,812	7,987	5,335	6,339	8,073	3,861	2,008
Maine	--	--	--	--	--	--	--
Maryland	24	23	232	593	111	435	598
Massachusetts	635	938	1,895	1,461	1,702	2,107	1,913
Michigan	504	45	1,005	2,596	12,817	28,966	20,198
Minnesota	220	613	24	24	704	1,369	1,246
Mississippi	6,091	5,899	7,316	5,738	6,649	7,156	5,327
Missouri	423	761	950	998	847	1,874	1,552
Montana	3,572	5,212	3,220	514	682	711	536
Nebraska	1,825	2,957	12,154	18,323	24,670	57,170	44,210
Nevada	1,591	1,764	2,918	3,379	4,149	5,486	4,506
New Hampshire	--	--	--	--	--	47	--
New Jersey	976	1,117	907	904	1,050	749	1,057
New Mexico	171	316	217	94	23	317	265
New York, eastern	583	1,309	1,572	2,164	2,158	1,410	2,213
New York, western	225	67	135	103	601	666	469
New York, metropolitan	167	154	566	54	461	1,017	679
North Carolina	118	283	375	1,101	1,080	1,524	1,512
North Dakota	--	--	--	--	93	213	283
Ohio	108	384	67	432	422	485	1,698
Oklahoma	3,828	6,337	6,678	6,883	7,652	11,127	4,039
Oregon	670	1,672	2,269	2,932	2,629	3,269	1,747
Pennsylvania, eastern	3,213	3,392	9,789	12,169	13,897	15,241	18,102
Pennsylvania, western	22	44	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
South Carolina	1,521	1,528	1,336	1,447	1,358	1,749	1,930
South Dakota	--	--	--	--	--	23	--
Tennessee	3,712	3,799	4,709	4,655	3,912	7,902	5,893
Texas, northern	484	1,281	1,666	4,061	3,370	4,891	5,515
Texas, southern	284	1,021	1,907	475	1,442	1,181	1,168
Utah	1,924	2,006	2,078	2,036	2,322	2,126	2,025
Vermont	527	439	774	--	185	1,051	208
Virginia	630	865	1,028	1,318	1,010	899	251
Washington	1,664	4,243	3,659	5,894	7,631	12,050	9,683
West Virginia	--	--	89	305	298	753	552
Wisconsin	1,060	644	2,308	3,175	3,848	5,488	3,557
Wyoming	72	48	24	--	--	--	--
Puerto Rico	19,869	24,490	24,711	23,724	23,024	21,306	18,529
Foreign countries ⁴	4,622	4,907	4,484	1,989	9,463	4,140	940
Total shipments ⁵	81,309	97,189	129,228	147,023	184,932	253,053	189,142

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1,2,3}

(Metric tons)

Destination	2016					
	August	September	October	November	December	January–December
Alabama	1,133	1,879	1,698	1,412	1,094	14,961
Alaska	816	793	--	--	--	3,784
Arizona	1,388	1,246	1,229	1,424	1,232	17,666
Arkansas	--	--	--	--	--	183
California, northern	1,070	973	856	777	565	7,998
California, southern	--	--	--	--	--	--
Colorado	950	760	907	689	501	18,646
Connecticut	22	--	23	14	--	4,135
Delaware	11,856	8,119	9,629	8,370	7,145	95,336
District of Columbia	--	--	--	--	--	--
Florida	--	72	108	--	88	2,014
Georgia	834	616	708	1,162	1,251	12,446
Hawaii	--	--	--	--	--	--
Idaho	1,185	754	123	24	49	6,565
Illinois, excluding Chicago	2,840	4,274	1,536	1,247	1,340	18,426
Illinois, Chicago metropolitan	--	--	--	--	--	--
Indiana	--	--	--	--	2,150	2,150
Iowa	18,299	17,025	18,836	11,850	2,228	122,599
Kansas	3,843	3,732	3,347	2,999	1,417	28,920
Kentucky	--	--	--	--	--	76
Louisiana	3,580	4,049	2,497	1,441	1,820	53,801
Maine	--	--	--	--	--	--
Maryland	951	448	214	303	1,409	5,341
Massachusetts	3,706	2,811	3,709	2,836	1,884	25,598
Michigan	22,932	8,815	9,510	3,809	750	111,948
Minnesota	1,370	1,181	953	343	196	8,244
Mississippi	6,471	6,989	7,247	7,861	2,842	75,584
Missouri	1,904	4,150	2,439	2,213	725	18,836
Montana	606	560	475	376	73	16,538
Nebraska	51,139	47,036	32,798	21,205	5,575	319,062
Nevada	5,312	4,665	4,169	3,222	2,103	43,264
New Hampshire	--	28	--	--	--	75
New Jersey	1,005	932	842	866	536	10,942
New Mexico	318	267	328	346	330	2,992
New York, eastern	1,540	2,282	1,652	1,058	702	18,644
New York, western	809	303	612	355	491	4,837
New York, metropolitan	790	297	1,038	847	255	6,324
North Carolina	1,467	751	767	674	363	10,015
North Dakota	616	286	24	--	--	1,514
Ohio	1,355	1,008	958	870	522	8,309
Oklahoma	7,782	4,672	5,813	3,516	2,743	71,070
Oregon	1,342	1,506	999	1,495	543	21,074
Pennsylvania, eastern	18,185	13,669	13,571	12,953	6,394	140,575
Pennsylvania, western	--	1,281	24	--	724	2,094
Rhode Island	--	--	--	--	--	--
South Carolina	1,940	1,197	936	1,099	1,516	17,559
South Dakota	47	94	--	--	--	164
Tennessee	8,019	10,271	6,984	8,374	4,229	72,460
Texas, northern	5,383	6,546	6,064	7,018	5,206	51,485
Texas, southern	627	2,246	2,989	1,177	2,836	17,354
Utah	2,264	4,848	3,809	1,994	1,849	29,282
Vermont	630	1,588	660	122	128	6,312
Virginia	264	233	348	634	1,150	8,630
Washington	11,109	10,704	5,357	5,717	2,591	80,302
West Virginia	797	596	559	310	732	4,990
Wisconsin	7,222	5,936	3,410	969	999	38,616
Wyoming	--	--	--	--	--	144
Puerto Rico	19,527	19,715	19,385	16,620	18,680	249,580
Foreign countries ⁴	3,660	656	953	748	3,000	39,564
Total shipments ⁵	238,906	212,857	181,092	141,339	92,957	1,949,026

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1, 2, 3}

(Metric tons)

Destination	2017					
	January	February	March	April	May	June
Alabama	1,207	1,253	1,574	1,195	1,321	1,344
Alaska	--	--	--	--	--	--
Arizona	1,442	1,276	1,890	1,462	1,711	1,723
Arkansas	--	--	--	24	--	--
California, northern	425	307	857	890	953	253
California, southern	--	--	--	--	--	--
Colorado	485	625	883	967	1,318	1,369
Connecticut	--	24	--	--	44	--
Delaware	6,109	7,268	7,408	6,944	8,363	9,436
District of Columbia	--	--	--	--	--	--
Florida	--	--	22	10	22	--
Georgia	1,451	1,128	1,515	1,207	1,221	1,425
Hawaii	--	--	--	--	--	--
Idaho	98	92	--	31	158	3,361
Illinois, excluding Chicago	1,153	643	956	1,300	1,301	1,258
Illinois, Chicago metropolitan	44	--	--	--	--	--
Indiana	--	--	--	--	--	--
Iowa	1,148	987	2,856	12,547	14,527	18,727
Kansas	1,198	2,185	2,618	3,509	4,463	4,239
Kentucky	--	--	--	--	--	--
Louisiana	2,467	4,830	5,311	1,879	1,972	2,535
Maine	--	--	--	--	5	--
Maryland	1,005	1,291	985	1,177	1,384	1,315
Massachusetts	1,612	1,389	1,595	2,316	2,716	3,556
Michigan	624	670	676	2,264	8,148	8,227
Minnesota	49	49	49	265	6,104	1,963
Mississippi	4,628	5,540	4,374	4,019	3,895	3,988
Missouri	977	1,409	1,833	1,435	1,744	2,009
Montana	23	99	297	--	--	--
Nebraska	2,919	4,882	10,876	19,724	28,476	44,346
Nevada	1,264	1,615	2,832	2,644	4,328	4,832
New Hampshire	--	--	28	83	28	143
New Jersey	892	966	867	601	811	785
New Mexico	353	425	433	255	279	460
New York, eastern	874	335	485	622	815	641
New York, western	84	274	307	608	978	890
New York, metropolitan	73	120	94	100	2,100	2,774
North Carolina	71	227	363	978	796	670
North Dakota	--	--	--	--	118	262
Ohio	506	707	776	642	226	536
Oklahoma	3,140	2,033	791	1,361	522	607
Oregon	62	63	513	--	454	5,661
Pennsylvania, eastern	3,407	3,979	6,902	10,949	15,119	17,612
Pennsylvania, western	384	313	434	768	624	188
Rhode Island	--	--	--	--	--	--
South Carolina	1,142	1,442	1,462	2,015	3,338	1,385
South Dakota	51	100	146	969	2,307	2,658
Tennessee	3,444	4,879	4,721	5,066	5,189	5,684
Texas, northern	4,530	6,746	4,012	3,892	3,440	4,624
Texas, southern	3,298	629	418	17,509	19,504	20,034
Utah	1,818	1,855	2,511	1,862	2,122	2,048
Vermont	151	340	390	228	384	2,457
Virginia	848	1,206	2,657	2,832	3,334	6,071
Washington	1,830	2,035	7,247	7,833	9,048	19,610
West Virginia	1,153	1,442	1,597	1,443	1,310	1,668
Wisconsin	3,302	3,211	738	2,272	2,037	908
Wyoming	--	--	1,523	--	--	--
Puerto Rico	16,905	19,535	20,929	19,837	21,931	24,667
Foreign countries ⁴	3,122	--	93	3,002	3,095	3,148
Total shipments ⁵	81,768	90,420	109,843	151,533	194,081	242,097

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1, 2, 3}

(Metric tons)

Destination	July	August	September	January–September
Alabama	1,415	1,570	1,241	12,120
Alaska	--	--	--	--
Arizona	1,374	1,745	2,028	14,652
Arkansas	--	--	--	24
California, northern	--	--	--	3,686
California, southern	--	--	--	--
Colorado	5,683	4,106	4,634	20,070
Connecticut	--	44	--	112
Delaware	8,199	9,613	9,045	72,385
District of Columbia	--	--	--	--
Florida	47	18	--	119
Georgia	1,155	1,168	1,004	11,274
Hawaii	--	--	--	--
Idaho	5,829	7,345	--	16,913
Illinois, excluding Chicago	1,861	1,298	1,205	10,975
Illinois, Chicago metropolitan	--	--	--	44
Indiana	--	--	--	--
Iowa	22,030	32,997	13,122	118,940
Kansas	3,077	3,296	2,299	26,885
Kentucky	--	--	--	--
Louisiana	1,252	831	2,475	23,551
Maine	--	--	--	5
Maryland	1,657	443	377	9,635
Massachusetts	2,633	3,240	6,104	25,161
Michigan	11,353	11,290	11,507	54,760
Minnesota	4,484	7,567	5,850	26,381
Mississippi	4,796	4,614	4,911	40,764
Missouri	1,829	1,637	1,393	14,265
Montana	23	24	23	487
Nebraska	30,187	57,416	57,628	256,454
Nevada	3,716	5,194	4,291	30,715
New Hampshire	69	73	76	502
New Jersey	713	835	403	6,873
New Mexico	230	231	325	2,990
New York, eastern	691	471	619	5,553
New York, western	1,200	2,316	1,500	8,157
New York, metropolitan	1,814	1,849	1,564	10,488
North Carolina	533	884	1,237	5,759
North Dakota	167	207	117	871
Ohio	446	582	444	4,864
Oklahoma	693	594	646	10,386
Oregon	13,621	16,999	--	37,371
Pennsylvania, eastern	14,566	17,928	14,293	104,754
Pennsylvania, western	93	45	705	3,553
Rhode Island	--	--	--	--
South Carolina	1,454	1,541	1,148	14,928
South Dakota	830	1,437	869	9,367
Tennessee	6,503	10,209	12,329	58,022
Texas, northern	5,182	6,374	4,326	43,127
Texas, southern	18,701	19,475	16,906	116,473
Utah	1,767	2,257	2,005	18,245
Vermont	334	306	--	4,589
Virginia	5,811	4,928	7,088	34,774
Washington	20,270	27,974	1,429	97,275
West Virginia	1,613	1,918	1,468	13,611
Wisconsin	3,524	4,389	4,248	24,627
Wyoming	--	--	--	1,523
Puerto Rico	20,868	24,109 ^P	20,873 ^P	189,654 ^P
Foreign countries ⁴	442	3,060	100	16,062
Total shipments ⁵	234,735	306,443 ^P	223,853 ^P	1,634,775 ^P

^PPreliminary. -- 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 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

Destination	2016						
	January	February	March	April	May	June	July
Alabama	5,348	6,214	7,253	7,077	7,570	7,600	6,350
Alaska	--	--	--	--	--	--	--
Arizona	2,052	2,115	2,276	2,244	2,117	2,244	1,830
Arkansas	3,623	3,504	4,203	4,318	4,208	4,521	4,416
California, northern	1,041	1,717	1,780	1,930	1,825	2,166	2,949
California, southern	13,082	14,593	22,590	12,781	13,356	17,567	14,363
Colorado	385	372	514	288	523	635	526
Connecticut	388	410	1,427	959	1,269	1,537	1,666
Delaware	225	280	412	447	315	539	402
District of Columbia	--	--	--	--	--	--	21
Florida	34,724	35,542	43,330	38,423	34,544	38,610	37,138
Georgia	10,190	11,771	15,095	14,358	13,279	14,617	12,250
Hawaii	135	111	145	108	143	128	98
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	400	529	853	762	731	680	626
Illinois, Chicago metropolitan	757	926	1,713	1,714	1,854	2,178	1,474
Indiana	1,523	2,035	3,060	2,799	3,103	3,326	2,784
Iowa	15	--	20	--	9	34	5
Kansas	249	359	536	300	268	409	249
Kentucky	2,559	3,280	5,086	5,088	4,586	5,510	4,509
Louisiana	3,972	4,011	4,354	3,719	4,247	4,230	3,699
Maine	21	33	86	54	122	39	35
Maryland	1,805	1,509	3,000	2,759	2,642	3,131	2,668
Massachusetts	414	417	974	1,034	1,009	978	933
Michigan	2,170	2,720	4,146	4,537	5,255	5,412	5,943
Minnesota	90	48	40	77	114	115	74
Mississippi	2,550	2,791	3,288	2,950	3,467	3,787	3,482
Missouri	685	961	1,240	1,119	943	1,110	666
Montana	36	27	41	23	101	85	--
Nebraska	50	--	--	73	--	54	--
Nevada	203	218	319	524	436	469	369
New Hampshire	312	112	766	446	942	555	469
New Jersey	1,997	2,035	4,293	3,712	3,620	4,006	3,346
New Mexico	132	190	290	253	154	254	282
New York, eastern	353	234	717	640	490	607	652
New York, western	422	320	898	858	929	1,065	858
New York, metropolitan	1,253	1,306	3,764	4,315	4,487	4,910	4,560
North Carolina	9,681	11,125	17,080	14,792	13,341	16,381	14,485
North Dakota	--	23	23	23	66	90	44
Ohio	3,368	3,480	6,164	6,631	6,913	7,716	6,384
Oklahoma	3,321	3,235	4,029	2,406	2,689	3,091	2,199
Oregon	3	6	12	--	21	9	21
Pennsylvania, eastern	3,608	4,347	5,271	3,191	3,429	4,429	3,952
Pennsylvania, western	888	1,162	2,262	2,380	2,332	2,540	2,336
Rhode Island	22	23	69	61	52	57	83
South Carolina	4,911	5,516	7,081	6,237	6,202	6,860	6,024
South Dakota	--	--	--	--	--	--	--
Tennessee	8,307	9,652	12,997	13,538	12,083	13,992	11,505
Texas, northern	9,388	9,415	10,287	9,232	9,666	10,094	9,579
Texas, southern	17,376	18,966	19,008	18,557	17,627	19,170	17,859
Utah	--	--	--	--	--	--	--
Vermont	19	3	58	33	48	64	59
Virginia	3,992	4,508	6,988	6,217	5,530	7,201	6,114
Washington	--	--	--	--	--	--	--
West Virginia	281	300	745	821	765	831	875
Wisconsin	483	276	827	956	1,259	1,136	1,079
Wyoming	--	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--	--
Foreign countries ³	--	25	25	--	--	54	11
Total shipments ⁴	158,809	172,749	231,432	205,763	200,684	226,825	202,300

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1, 2}

(Metric tons)

Destination	2016					
	August	September	October	November	December	January–December
Alabama	7,372	6,794	7,312	6,639	5,015	80,544
Alaska	--	--	--	--	--	--
Arizona	2,073	1,775	2,068	1,833	1,908	24,537
Arkansas	4,465	4,282	4,082	4,137	3,747	49,506
California, northern	3,220	2,810	3,032	2,727	2,061	27,259
California, southern	15,704	16,565	16,125	13,582	13,283	183,592
Colorado	598	610	422	435	292	5,601
Connecticut	1,836	1,355	1,494	1,034	620	13,995
Delaware	549	315	375	404	243	4,505
District of Columbia	--	--	--	--	--	21
Florida	34,672	35,683	35,262	37,645	37,469	443,041
Georgia	14,154	12,965	13,545	12,942	10,148	155,315
Hawaii	144	113	140	166	72	1,503
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	668	722	812	546	738	8,068
Illinois, Chicago metropolitan	1,746	1,608	2,071	1,840	1,857	19,738
Indiana	3,279	3,252	3,305	2,792	2,395	33,653
Iowa	--	23	13	--	--	119
Kansas	358	401	380	542	292	4,345
Kentucky	5,162	5,355	5,077	5,204	3,467	54,883
Louisiana	3,418	3,861	3,951	3,826	3,354	46,641
Maine	48	32	35	44	18	567
Maryland	3,183	2,712	3,016	3,088	2,050	31,564
Massachusetts	1,025	850	928	728	414	9,703
Michigan	5,649	5,534	5,181	4,749	2,873	54,169
Minnesota	142	107	95	27	33	963
Mississippi	3,667	3,316	3,854	3,218	2,532	38,901
Missouri	839	917	991	799	709	10,980
Montana	17	--	--	58	--	388
Nebraska	54	--	51	8	--	291
Nevada	607	354	431	498	322	4,751
New Hampshire	594	591	552	497	358	6,194
New Jersey	3,275	2,891	3,042	2,512	1,777	36,505
New Mexico	240	216	212	200	159	2,583
New York, eastern	601	1,369	665	468	332	7,127
New York, western	1,080	2,485	831	700	514	10,962
New York, metropolitan	5,061	2,388	4,530	2,473	2,319	41,366
North Carolina	15,281	13,705	13,280	14,040	11,005	164,194
North Dakota	149	112	68	46	22	666
Ohio	7,339	6,824	7,080	5,929	5,296	73,124
Oklahoma	2,828	2,844	3,863	2,833	1,608	34,945
Oregon	6	14	8	--	--	100
Pennsylvania, eastern	4,804	4,005	5,011	5,911	3,410	51,368
Pennsylvania, western	2,382	3,815	2,353	1,982	1,305	25,737
Rhode Island	61	48	56	31	36	599
South Carolina	6,453	6,207	5,853	6,466	5,222	73,030
South Dakota	--	--	--	--	--	--
Tennessee	13,590	12,924	12,981	12,489	9,267	143,324
Texas, northern	10,024	10,947	10,052	8,998	9,719	117,401
Texas, southern	17,969	18,401	18,680	16,880	15,381	215,874
Utah	--	--	--	--	--	--
Vermont	96	16	113	11	46	566
Virginia	7,078	5,663	6,060	6,290	4,573	70,213
Washington	30	--	--	--	--	30
West Virginia	891	826	894	924	523	8,675
Wisconsin	1,474	1,172	851	725	247	10,484
Wyoming	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--
Foreign countries ³	25	--	22	22	5	191
Total shipments ⁴	215,982	209,776	211,105	199,939	169,035	2,404,399

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

Destination	2017					
	January	February	March	April	May	June
Alabama	6,332	6,093	7,531	6,862	7,018	6,596
Alaska	--	--	--	--	--	--
Arizona	2,113	2,239	3,250	3,060	3,273	3,374
Arkansas	3,681	4,008	4,569	3,804	4,126	4,600
California, northern	2,321	2,977	3,493	3,182	3,432	4,052
California, southern	10,916	11,733	23,362	11,607	14,441	14,931
Colorado	329	357	525	464	472	579
Connecticut	593	462	866	1,229	1,404	1,404
Delaware	271	355	488	314	474	469
District of Columbia	--	--	3	--	--	--
Florida	40,959	37,240	45,800	38,642	44,100	40,504
Georgia	12,056	11,453	14,808	12,031	13,199	12,556
Hawaii	153	113	149	119	155	116
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	369	415	633	567	706	744
Illinois, Chicago metropolitan	1,037	1,054	1,037	1,266	1,617	1,715
Indiana	1,988	1,984	2,409	2,832	3,548	2,772
Iowa	1	--	24	24	--	--
Kansas	223	325	670	168	378	339
Kentucky	3,348	4,262	4,689	4,508	4,204	4,688
Louisiana	3,912	3,662	4,672	3,588	4,088	3,671
Maine	25	14	24	49	100	140
Maryland	2,997	2,662	2,540	2,449	2,364	2,997
Massachusetts	464	374	629	930	851	950
Michigan	2,536	3,397	3,748	4,579	5,653	5,703
Minnesota	23	60	38	34	49	141
Mississippi	2,918	2,708	3,480	2,884	3,259	3,052
Missouri	509	716	881	883	489	1,107
Montana	17	--	--	54	--	37
Nebraska	--	48	--	--	47	51
Nevada	288	193	435	340	423	416
New Hampshire	34	272	280	518	571	663
New Jersey	2,427	2,221	2,627	2,994	3,554	4,055
New Mexico	142	225	148	228	211	333
New York, eastern	259	215	312	670	806	710
New York, western	660	566	817	982	871	886
New York, metropolitan	2,644	2,568	3,177	3,928	4,847	5,029
North Carolina	11,949	14,223	16,229	13,038	14,469	15,194
North Dakota	46	89	68	136	114	114
Ohio	3,637	4,061	5,297	5,781	6,577	7,218
Oklahoma	2,145	1,980	2,452	2,259	2,321	2,291
Oregon	--	5	9	--	--	3
Pennsylvania, eastern	3,933	2,798	4,294	3,084	3,383	3,651
Pennsylvania, western	1,255	1,503	1,598	2,137	2,409	2,465
Rhode Island	16	1	51	54	58	41
South Carolina	5,967	6,019	6,677	5,835	5,983	6,276
South Dakota	--	--	--	--	--	--
Tennessee	10,414	11,745	12,951	12,035	13,011	12,709
Texas, northern	9,842	9,535	12,901	9,406	10,033	10,920
Texas, southern	16,580	16,612	20,069	16,476	19,132	20,071
Utah	--	--	--	--	--	--
Vermont	--	32	9	13	39	65
Virginia	4,629	6,307	5,772	5,695	5,880	6,361
Washington	1	--	--	--	4	--
West Virginia	412	549	518	752	892	739
Wisconsin	466	432	695	903	1,208	1,075
Wyoming	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--
Foreign countries ³	71	40	37	6	104	27
Total shipments ⁴	177,909	180,901	227,740	193,399	216,347	218,603

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–SEPTEMBER 2017^{1,2}

(Metric tons)

Destination	July	August	September	January–September
Alabama	5,821	6,807	6,227	59,287
Alaska	--	--	--	--
Arizona	2,808	3,134	2,539	25,789
Arkansas	4,103	5,029	4,248	38,168
California, northern	2,578	4,043	4,332	30,412
California, southern	12,814	17,268	14,576	131,649
Colorado	436	545	307	4,014
Connecticut	1,416	1,650	1,168	10,193
Delaware	425	417	455	3,670
District of Columbia	--	--	--	3
Florida	39,795	44,720	30,172	361,932
Georgia	12,638	13,765	10,629	113,135
Hawaii	122	112	108	1,148
Idaho	--	--	--	--
Illinois, excluding Chicago	682	729	738	5,583
Illinois, Chicago metropolitan	1,557	1,627	1,723	12,633
Indiana	4,854	3,276	5,804	29,467
Iowa	3	284	5	341
Kansas	361	434	409	3,307
Kentucky	4,329	4,563	4,175	38,766
Louisiana	3,948	3,755	3,927	35,223
Maine	56	72	34	514
Maryland	2,417	2,559	2,531	23,517
Massachusetts	838	1,011	777	6,823
Michigan	5,267	6,439	5,558	42,882
Minnesota	78	58	38	518
Mississippi	2,908	3,357	2,928	27,493
Missouri	819	1,115	1,121	7,639
Montana	18	--	36	163
Nebraska	--	50	--	196
Nevada	339	461	239	3,134
New Hampshire	618	710	517	4,184
New Jersey	3,324	3,773	3,654	28,629
New Mexico	158	243	305	1,992
New York, eastern	642	740	591	4,947
New York, western	1,131	1,207	965	8,085
New York, metropolitan	4,440	4,920	4,327	35,880
North Carolina	14,398	14,645	13,650	127,793
North Dakota	137	136	160	1,001
Ohio	5,900	7,649	6,430	52,551
Oklahoma	2,204	1,940	2,488	20,079
Oregon	12	--	--	28
Pennsylvania, eastern	3,460	3,684	3,006	31,292
Pennsylvania, western	1,965	2,186	2,134	17,651
Rhode Island	43	49	34	347
South Carolina	5,830	5,918	5,664	54,171
South Dakota	--	--	--	--
Tennessee	12,214	13,838	11,274	110,192
Texas, northern	9,816	11,010	10,307	93,770
Texas, southern	17,324	17,138	16,840	160,241
Utah	--	--	--	--
Vermont	15	6	16	196
Virginia	5,308	5,721	5,160	50,834
Washington	1	--	--	5
West Virginia	709	840	689	6,100
Wisconsin	780	1,472	1,112	8,144
Wyoming	--	--	--	--
Puerto Rico	--	--	--	--
Foreign countries ³	27	33	33	378
Total shipments ⁴	201,889	225,138	194,164	1,836,091

-- 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 SEPTEMBER (2012-2017)¹

(Thousand metric tons)

Destination	2012	2013	2014	2015	2016	5-Year average	2017	Percent rate of change to current year from	
								2016	5-Year average
Alabama	86	86	88	90	100	90	103	2.6	14.1
Alaska	18	19	20	19	16	18	16	2.0	-12.2
Arizona	134	146	136	148	161	145	200	24.1	38.0
Arkansas	60	79	89	83	77 ²	78	73	-5.4	-5.7
California, northern	243	252	280	310	303	278	365	20.3	31.4
California, southern	387	444	492	494	513	466	533	3.8	14.3
Colorado	149	148	214	222	228	192	226	-0.8	17.7
Connecticut	45	53	57	61	55	54	50	-9.8	-7.9
Delaware	12	18	15	23	15	17	14	-8.2	-16.7
District of Columbia	16	20	16	24	18	19	19	2.2	0.2
Florida	336	388	447	489	536 ²	439	404	-24.6	-8.0
Georgia	150	181	215	243	263 ²	210	249	-5.1	18.5
Hawaii	24	21	28	30	25	26	26	2.4	0.2
Idaho	35	40	50	51	53	46	54	1.7	17.5
Illinois, excluding Chicago	127	166	172	159	174 ²	160	155	-11.0	-3.0
Illinois, Chicago metropolitan	124	159	198	180	166	165	158	-4.6	-4.3
Indiana	159	170	201	223	180 ²	186	191	6.5	2.6
Iowa	199	230	255	224	208	223	223	7.6	0.1
Kansas	109	122	123	137	131	124	116	-11.9	-6.9
Kentucky	72	98	110	122	112	103	94	-16.0	-8.5
Louisiana	153	175	186	202	166	177	172	3.6	-2.3
Maine	18	20	25	23	23	22	24	3.8	10.0
Maryland	83	96	119	119	106 ²	105	109	2.7	3.9
Massachusetts	75	80	96	94	100	89	111	11.1	24.5
Michigan	173	210	252	250	214	220	244	14.2	11.2
Minnesota	177	190	212	209	194	196	203	4.5	3.4
Mississippi	61	62	79	67	78	69	64	-18.5	-8.4
Missouri	127	155	170	190	185	165	177	-4.5	7.1
Montana	38	39	37	38	36	38	39	6.9	3.0
Nebraska	118	148	150	162	154	146	167	8.3	14.0
Nevada	91	93	99	95	118	99	101	-13.8	2.1
New Hampshire	19	19	22	22	19	20	20	5.0	-1.9
New Jersey	93	137	146	136	133 ²	129	133	-0.3	2.8
New Mexico	52	49	51	44	35	46	47	34.2	1.2
New York, eastern	46	48	59	55	56	53	46	-17.7	-12.3
New York, western	71	73	89	76	77	77	84	9.3	9.1
New York, metropolitan	97	118	146	157	158	135	164	3.9	21.5
North Carolina	163	179	193	176	208 ²	184	218	4.9	18.6
North Dakota	108	134	179	160	131	142	78	-40.7	-45.2
Ohio	246	325	361	358	338 ²	326	340	0.4	4.3
Oklahoma	118	135	161	159	139	143	131	-5.7	-8.2
Oregon	56	66	65	80	83	70	101	21.7	43.8
Pennsylvania, eastern	115	147	177	179	160	155	169	6.0	8.8
Pennsylvania, western	91	113	133	107	102	109	117	14.7	7.3
Rhode Island	9	9	13	11	9	10	10	6.5	-4.8
South Carolina	91	119	106	134	132	116	127	-3.8	9.4
South Dakota	52	86	63	56	66	65	63	-5.1	-2.8
Tennessee	111	113	135	135	153	129	142	-7.3	9.7
Texas, northern	432	487	595	556	570 ²	528	616	8.1	16.7
Texas, southern	531	560	662	755	662	634	599	-9.5	-5.5
Utah	105	102	133	121	132	119	141	7.2	19.1
Vermont	13	15	15	9	13	13	12	-10.7	-10.4
Virginia	131	147	161	153	155 ²	149	168	8.4	12.7
Washington	133	141	166	168	167	155	168	0.8	8.8
West Virginia	44	51	56	40	39	46	44	12.9	-3.6
Wisconsin	182	205	241	219	216 ²	213	212	-2.0	-0.4
Wyoming	35	33	45	44	26	37	27	3.4	-25.9
Puerto Rico	68	53	50	46	42	52	40 ^P	-5.8	-23.2
Foreign countries	121	121	109	94	76	104	56	-25.4	-45.9
Total ³	6,933	7,891	8,962	9,030	8,807 ²	8,325	8,753 ^P	-0.6	5.1

^PPreliminary.

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 2016–SEPTEMBER 2017¹

(Metric tons)

District	2016						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	88,653	70,125	102,941	106,124	71,967	69,811	83,144
Pennsylvania	195,741	149,031	260,146	310,973	407,732	330,909	282,751
District subtotal ²	284,393	219,157	363,087	417,097	479,699	400,720	365,894
East North Central:							
Illinois	105,425	105,095	141,862	110,065	139,134	148,728	171,957
Indiana	112,714	192,225	171,145	221,192	231,288	231,367	307,325 ³
Michigan	253,533	267,884	286,860	190,625	300,150	292,636	274,150
Ohio	51,972	36,526	78,883	79,547	93,107	77,044	(3)
District subtotal ²	523,644	601,729	678,750	601,429	763,679	749,775	753,432
West North Central:							
Iowa, Nebraska, South Dakota	234,289	190,285	259,198	187,181	298,497	274,540	260,198
Kansas	137,143	129,707	123,149	190,815	214,970	159,782	157,407
Missouri	365,121	624,957	543,227	562,514	480,068	806,111	800,234
District subtotal ²	736,553	944,949	925,574	940,510	993,534	1,240,434	1,217,840
South Atlantic:							
Florida	281,918	435,293	523,931	564,243	490,480	429,639	460,266
Georgia, Maryland, Virginia, West Virginia	327,343	173,478	416,406	479,822	473,898	547,006	482,323
Puerto Rico	--	48,142	53,438	73,873	31,928	66,307	55,833
South Carolina	216,190	101,663	258,887	277,999	288,732	198,843	267,639
District subtotal ²	825,451	758,575	1,252,662	1,395,936	1,285,038	1,241,796	1,266,060
East South Central:							
Alabama, Kentucky, Tennessee	552,073	356,115	378,714	561,919	631,447	632,428	573,960
West South Central:							
Arkansas and Oklahoma	219,068	220,026	202,808	106,669	231,534	232,853	213,494
Texas, northern	391,305	383,737	351,780	318,860	462,359	275,677	439,523
Texas, southern	451,618	466,446	533,115	368,590	440,786	472,866	484,070
District subtotal ²	1,061,991	1,070,209	1,087,703	794,119	1,134,679	981,395	1,137,087
Mountain and Pacific:							
Arizona and New Mexico	117,931	112,710	161,610	164,518	165,841	228,841	171,784
California	717,836	667,257	675,550	648,092	889,073	847,461	792,586
Colorado and Wyoming	182,782	184,940	145,562	228,813	255,778	280,236	298,477
Montana, Nevada, Oregon, Utah							
Washington	221,540	168,137	357,497	272,945	368,309	341,174	308,551
District subtotal ²	1,240,090	1,133,044	1,340,220	1,314,368	1,679,001	1,697,712	1,571,398
Grand total ²	5,224,194	5,083,779	6,026,710	6,025,378	6,967,078	6,944,260	6,885,670

See footnotes at end of table.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2016–SEPTEMBER 2017¹

(Metric tons)

District	2016					
	August	September	October	November	December	January–December
New England and Middle Atlantic:						
Maine and New York	97,172	71,848	93,372	80,279	73,770	1,009,205
Pennsylvania	351,592	350,374	356,096	253,852	194,688	3,443,886
District subtotal ²	448,764	422,222	449,468	334,131	268,458	4,453,091
East North Central:						
Illinois	150,732	137,803	125,778	148,177	90,882	1,575,637
Indiana	312,162 ³	297,616 ³	298,968 ³	294,849 ³	286,103 ³	3,374,032 ³
Michigan	267,874	274,884	241,318	273,241	265,722	3,188,877
Ohio	(3)	(3)	(3)	(3)	(3)	(3)
District subtotal ²	730,767	710,303	666,063	716,267	642,707	8,138,546
West North Central:						
Iowa, Nebraska, South Dakota	271,210	273,025	257,653	264,773	237,723	3,008,573
Kansas	178,500	197,491	211,566	158,989	189,689	2,049,208
Missouri	835,601	665,035	819,689	803,627	401,649	7,707,832
District subtotal ²	1,285,312	1,135,551	1,288,908	1,227,389	829,061	12,765,613
South Atlantic:						
Florida	523,287	386,140	508,626	464,610	464,469	5,532,901
Georgia, Maryland, Virginia, West Virginia	481,819	468,564	531,008	460,228	451,977	5,293,872
Puerto Rico	7,700	43,745	8,553	--	--	389,519
South Carolina	240,976	229,881	209,446	241,750	237,996	2,770,001
District subtotal ²	1,253,781	1,128,329	1,257,633	1,166,588	1,154,442	13,986,293
East South Central:						
Alabama, Kentucky, Tennessee	639,633	523,007	564,951	551,276	562,857	6,528,380
West South Central:						
Arkansas and Oklahoma	213,084	208,103	222,593	199,983	143,654	2,413,868
Texas, northern	471,872	425,810	396,538	429,916	414,312	4,761,689
Texas, southern	422,923	473,832	523,077	477,742	411,160	5,526,225
District subtotal ²	1,107,880	1,107,745	1,142,209	1,107,640	969,126	12,701,782
Mountain and Pacific:						
Arizona and New Mexico	151,280	224,262	214,967	96,414	131,019	1,941,178
California	809,086	707,627	722,391	830,253	623,712	8,930,923
Colorado and Wyoming	268,268	270,578	234,147	287,745	88,401	2,725,728
Montana, Nevada, Oregon, Utah						
Washington	326,494	301,133	347,952	281,954	253,945	3,549,631
District subtotal ²	1,555,129	1,503,599	1,519,457	1,496,366	1,097,077	17,147,460
Grand total ²	7,021,265	6,530,756	6,888,689	6,599,657	5,523,728	75,721,166

See footnotes at end of table.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2016–SEPTEMBER 2017¹

(Metric tons)

District	2017					
	January	February	March	April	May	June
New England and Middle Atlantic:						
Maine and New York	62,813	34,677	35,074	81,350	70,640	152,246
Pennsylvania	216,313	88,152	218,377	336,856	386,684	283,214
District subtotal ²	279,125	122,829	253,450	418,206	457,324	435,460
East North Central:						
Illinois	91,332	96,472	130,058	69,247	91,582	100,481
Indiana	171,092 ³	201,846 ³	281,718 ³	267,188 ³	327,778 ³	330,144 ³
Michigan	209,338	190,377	264,570	89,628	189,204	285,815
Ohio	(3)	(3)	(3)	(3)	(3)	(3)
District subtotal ²	471,762	488,695	676,345	426,064	608,564	716,439
West North Central:						
Iowa, Nebraska, South Dakota	274,456	275,219	163,492	201,169	291,707	275,938
Kansas	118,734	74,424	221,828	225,503	199,137	136,849
Missouri	375,709	563,205	730,790	564,068	863,419	847,573
District subtotal ²	768,899	912,848	1,116,110	990,739	1,354,263	1,260,360
South Atlantic:						
Florida	444,297	451,681	513,141	517,545	563,588	510,190
Georgia, Maryland, Virginia, West Virginia	200,540	367,539	418,098	521,933	520,311	488,045
Puerto Rico	--	38,141	68,218	49,371	21,912	77,914
South Carolina	134,515	155,911	273,502	265,575	241,071	270,929
District subtotal ²	779,351	1,013,271	1,272,958	1,354,424	1,346,882	1,347,077
East South Central:						
Alabama, Kentucky, Tennessee	424,865	230,421	541,696	561,695	628,288	483,343
West South Central:						
Arkansas and Oklahoma	156,624	151,192	125,664	171,027	184,001	205,425
Texas, northern	259,576	352,572	411,153	312,876	435,123	453,771
Texas, southern	373,767	442,678	499,785	503,128	465,971	417,865
District subtotal ²	789,967	946,443	1,036,603	987,032	1,085,095	1,077,061
Mountain and Pacific:						
Arizona and New Mexico	167,338	185,316	150,456	212,655	223,701	75,994
California	602,715	647,616	619,179	713,759	793,846	894,526
Colorado and Wyoming	88,058	218,982	305,523	151,199	273,248	248,802
Montana, Nevada, Oregon, Utah						
Washington	212,476	199,817	242,540	327,513	319,512	280,865
District subtotal ²	1,070,586	1,251,730	1,317,697	1,405,125	1,610,307	1,500,187
Grand total ²	4,584,555	4,966,237	6,214,859	6,143,286	7,090,723	6,819,927

See footnotes at end of tables.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2016–SEPTEMBER 2017¹

(Metric tons)

District	July	August	September	January–September
New England and Middle Atlantic:				
Maine and New York	154,227	184,941	162,986	938,953
Pennsylvania	348,754	310,777	307,094	2,496,220
District subtotal ²	502,981	495,719	470,080	3,435,173
East North Central:				
Illinois	133,304	123,918	123,527	959,921
Indiana	321,449 ³	307,006 ³	297,598 ³	2,505,818 ³
Michigan	274,490	292,944	274,332	2,070,698
Ohio	(3)	(3)	(3)	(3)
District subtotal ²	729,243	723,867	695,457	5,536,437
West North Central:				
Iowa, Nebraska, South Dakota	283,862	284,195	248,181	2,298,220
Kansas	195,280	217,661	169,979	1,559,394
Missouri	746,703	764,452	846,869	6,302,788
District subtotal ²	1,225,845	1,266,308	1,265,030	10,160,401
South Atlantic:				
Florida	474,569	476,247	331,011	4,282,269
Georgia, Maryland, Virginia, West Virginia	515,963	473,507	529,924	4,035,860
Puerto Rico	72,504	61,382 ^P	9,072 ^P	398,513 ^P
South Carolina	271,184	283,503	187,904	2,084,093
District subtotal ²	1,334,221	1,294,639 ^P	1,057,911 ^P	10,800,735 ^P
East South Central:				
Alabama, Kentucky, Tennessee	552,010	568,976	494,918	4,486,212
West South Central:				
Arkansas and Oklahoma	188,409	207,840	199,204	1,589,385
Texas, northern	540,468	405,415	369,325	3,540,280
Texas, southern	522,700	375,333 ^r	438,967	4,040,195
District subtotal ²	1,251,577	988,588 ^r	1,007,496	9,169,860
Mountain and Pacific:				
Arizona and New Mexico	221,194	218,750	237,233	1,692,637
California	866,849	868,642	726,487	6,733,619
Colorado and Wyoming	211,148	302,161	291,193	2,090,312
Montana, Nevada, Oregon, Utah				
Washington	326,090	333,118	364,499	2,606,431
District subtotal ²	1,625,282	1,722,672	1,619,411	13,122,998
Grand total ²	7,221,158	7,060,768 ^{P,r}	6,610,303 ^P	56,711,817 ^P

^PPreliminary. ^rRevised. -- 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.

³Beginning with July 2016, data for Indiana and Ohio have been combined to avoid disclosing proprietary data.

TABLE 5
HYDRAULIC CEMENT AND CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, SEPTEMBER 2017¹

(Metric tons, unless otherwise specified)

Customs district	Canada	China	Denmark	Egypt	France	Germany	Greece	Italy	Japan	Korea, Republic of
Anchorage, AK	--	--	--	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	1	--	--
Buffalo, NY	54,697	--	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--	--	--
Chicago, IL	--	--	--	--	--	--	--	--	35	--
Cleveland, OH	89,432	--	--	--	--	--	--	--	--	--
Columbia-Snake, ID OR WA	18,916	11,000	--	--	--	--	--	--	--	61,600
Detroit, MI ⁴	123,148	--	--	--	--	--	--	--	--	--
El Paso, TX ⁵	--	116	--	--	--	--	--	--	--	--
Great Falls, MT	9,323	--	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--	--	--	--
Houston-Galveston, TX	--	46,200	--	9,037	19	20	42,617	38,500	--	--
Laredo, TX	--	--	--	--	--	--	--	--	--	--
Los Angeles, CA	--	4,136	--	--	--	--	--	--	--	--
Miami, FL	--	--	--	5,178	--	--	--	--	5	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--	--	--
New Orleans, LA	--	46,959	--	--	--	--	--	--	--	--
New York City, NY	--	--	--	--	--	--	103,118	--	--	--
Norfolk, VA	--	277	--	--	144	--	15,000	--	--	--
Ogdensburg, NY	36,688	--	--	--	--	--	--	--	--	--
Pembina, ND	19,658	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	57	--	560	--	--	--	--	--	--
Portland, ME	1,658	--	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	--	--	--
San Diego, CA	--	--	--	--	--	--	--	--	--	--
San Francisco, CA	--	116,409	--	--	--	--	--	--	--	--
San Juan, PR	--	--	--	--	--	--	--	--	--	--
Savannah, GA	--	--	--	810	19	1	--	--	--	--
Seattle, WA ⁴	87,524	30,918	--	--	--	--	--	--	57	--
St. Albans, VT	14,317	--	--	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--	--	--	--
Tampa, FL	--	--	30,525	--	--	--	43,999	--	--	--
Wilmington, NC	--	--	--	--	--	--	--	--	--	--
Total:										
Quantity ^{4,5}	455,360	256,072	30,525	15,585	182	21	204,734	38,501	97	61,600
Value ^{3,4,5}	\$46,906,299	\$15,127,819	\$4,097,702	\$1,970,988	\$208,866	\$16,266	\$11,625,950	\$2,736,054	\$63,713	\$3,260,488

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 2017¹

(Metric tons, unless otherwise specified)

Customs district	Mexico	Netherlands	Poland	Portugal	Spain	Sweden	Taiwan	Thailand	Turkey ²	United Kingdom
Anchorage, AK	--	--	--	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	--	58	--	--	--	--
Boston, MA	--	18	--	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--	3,467	--
Chicago, IL	--	1	--	--	--	--	--	--	--	--
Cleveland, OH	--	185	145	--	--	--	--	--	--	95
Columbia-Snake, ID OR WA	--	--	--	--	--	--	--	--	--	--
Detroit, MI ⁴	--	--	--	--	--	--	--	--	--	--
El Paso, TX ⁵	22,806	--	--	--	--	--	--	--	--	--
Great Falls, MT	--	--	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	39,000	--	--	--
Houston-Galveston, TX	--	--	305	--	11,364	--	--	--	540	--
Laredo, TX	12,187	--	--	--	--	--	--	--	--	--
Los Angeles, CA	--	--	--	--	--	--	--	1,107	2,034	--
Miami, FL	12,254	--	--	--	4,536	--	--	--	4,302	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--	--	--	--
New York City, NY	--	38	--	--	--	--	--	--	13,750	--
Norfolk, VA	--	--	--	--	--	--	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	60	--	--	--	--	--	--	--	13
Portland, ME	--	--	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	--	--	--
San Diego, CA	7,814	--	--	--	--	--	--	--	--	--
San Francisco, CA	25,300	--	--	--	--	--	--	857	--	--
San Juan, PR	891	--	--	27	--	--	--	--	--	--
Savannah, GA	--	--	--	--	26,250	--	--	--	22,005	--
Seattle, WA ⁴	--	--	--	--	--	--	--	--	--	--
St. Albans, VT	--	--	--	--	--	--	--	--	--	--
St. Louis, MO	--	16	--	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	--	--	--	--
Wilmington, NC	--	--	--	--	--	--	--	--	--	--
Total:										
Quantity ^{4,5}	81,252	318	450	27	42,150	58	39,000	1,964	46,098	108
Value ^{3,4,5}	\$7,307,762	\$368,896	\$483,484	\$7,227	\$7,589,949	\$36,470	\$2,765,100	\$343,003	\$3,978,071	\$79,012

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 2017¹

(Metric tons, unless otherwise specified)

Customs district	September		Country or locality	January–September	
	total	January–September		Quantity	Value ³
Anchorage, AK	--	55,295	Belgium	36	\$11,504
Baltimore, MD	58	2,609	Bulgaria	131,031	7,872,502
Boston, MA	19	72,605	Canada ⁴	3,142,001	322,282,221
Buffalo, NY	54,697	383,437	China ⁶	1,440,896	95,598,378
Charleston, SC	3,467	21,606	Croatia	15,990	7,910,407
Chicago, IL	36	1,714	Denmark	157,065	25,836,999
Cleveland, OH	89,857	442,926	Dominican Republic	7,208	477,374
Columbia-Snake, ID OR WA	91,516	563,264	Egypt	111,045	16,845,031
Detroit, MI ⁴	123,148	915,246	France	73,695	26,929,720
El Paso, TX ⁵	22,922	149,191	Germany	1,277	342,873
Great Falls, MT	9,323	83,110	Greece	1,857,211	107,883,090
Honolulu, HI	39,000	230,800	India	48	4,929
Houston-Galveston, TX	148,602	1,410,183	Italy	194,810	13,659,131
Laredo, TX	12,187	138,785	Japan	666	459,249
Los Angeles, CA	7,282	66,815	Korea, Republic of	485,841	26,502,472
Miami, FL	26,270	439,517	Malta ²	5,000	551,250
Milwaukee, WI	--	6,000	Mexico ⁵	470,756	48,808,993
Minneapolis, MN	--	29,600	Morocco	7,615	484,796
Mobile, AL	--	144,032	Netherlands	2,586	2,851,190
New Orleans, LA	46,959	133,233	Poland	2,433	2,505,036
New York City, NY	116,906	1,218,319	Portugal	89,001	8,030,890
Norfolk, VA	15,421	293,817	South Africa	81	31,653
Ogdensburg, NY	36,688	288,268	Spain	457,941	38,981,127
Pembina, ND	19,658	138,919	Sweden	216,224	15,922,745
Philadelphia, PA	690	190,205	Taiwan	230,800	16,480,720
Portland, ME	1,657	9,471	Thailand	15,250	2,641,154
Providence, RI	--	373,828	Turkey ²	1,141,516	80,623,875
San Diego, CA	7,814	65,241	United Kingdom	1,599	1,515,301
San Francisco, CA	142,566	839,069 ⁶	Total ^{3, 4, 5, 6}	10,259,622	872,044,610
San Juan, PR	918	91,631			
Savannah, GA	49,085	101,241			
Seattle, WA ⁴	118,499	886,657			
St. Albans, VT	14,317	100,801			
St. Louis, MO	16	195			
Tampa, FL	74,524	358,435			
Wilmington, NC	--	13,557			
Total:					
Quantity ^{4, 5}	1,274,102	10,259,622			
Value ^{3, 4, 5}	\$108,973,019	\$872,044,610			

-- Zero.

¹Includes white cement and clinker.

²Although imports are reported from Malta, Malta has no cement plants; the import source is thought to be Turkey.

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

⁴Data for the Detroit and Seattle districts for imports from Canada are thought to be underrepresented with respect to clinker.

⁵Data for the El Paso district for imports from Mexico are believed to be underrepresented with respect to cement.

⁶Data for the San Francisco Customs district exclude a January 2017 entry of 27,816 metric tons, worth \$1,068,000 c.i.f., of gray portland cement from China that was misregistered by the importer under a tariff code for a different commodity.

Source: U.S. Census Bureau.

TABLE 6
 WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT
 AND COUNTRY OR LOCALITY, SEPTEMBER 2017^{1,2}

(Metric tons, unless otherwise specified)

Customs district	Canada	China	Denmark	Egypt	Mexico	Portugal	Spain	Thailand	Turkey
Buffalo, NY	4,476	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--	--
Detroit, MI	18,748	--	--	--	--	--	--	--	--
El Paso, TX	--	--	--	--	1,606	--	--	--	--
Great Falls, MT	--	--	--	--	--	--	--	--	--
Houston-Galveston, TX	--	--	--	9,037	--	--	--	--	540
Laredo, TX	--	--	--	--	12,187	--	--	--	--
Los Angeles, CA	--	4,104	--	--	--	--	--	1,107	2,034
Miami, FL	--	--	--	5,178	--	--	4,536	--	4,302
New York City, NY	--	--	--	--	--	--	--	--	--
Ogdensburg, NY	105	--	--	--	--	--	--	--	--
Philadelphia, PA	--	--	--	560	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	--	--
San Diego, CA	--	--	--	--	7,814	--	--	--	--
San Francisco, CA	--	1,155	--	--	--	--	--	857	--
San Juan, PR	--	--	--	--	891	27	--	--	--
Savannah, GA	--	--	--	810	--	--	--	--	--
Seattle, WA	19	108	--	--	--	--	--	--	--
St. Albans, VT	--	--	--	--	--	--	--	--	--
Tampa, FL	--	--	30,525	--	--	--	--	--	--
Total:									
Quantity	23,348	5,367	30,525	15,585	22,498	27	4,536	1,964	6,876
Value ³	\$3,102,710	\$825,673	\$4,097,702	\$1,970,988	\$2,305,148	\$7,227	\$311,482	\$343,003	\$1,221,463

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 2017^{1,2}

(Metric tons, unless otherwise specified)

Customs district	September total	January–September	Country or locality	January–September	
				Quantity	Value ³
Buffalo, NY	4,476	60,374	Canada	229,049	\$30,078,427
Charleston, SC	--	6,600	China	24,281	3,500,696
Detroit, MI	18,748	166,726	Denmark	157,065	25,836,999
El Paso, TX	1,606	19,639	Egypt	110,610	16,780,295
Great Falls, MT	--	22	Germany	6	9,525
Houston–Galveston, TX	9,577	88,318	Malta	5,000	551,250
Laredo, TX	12,187	124,734	Mexico	218,822	24,728,446
Los Angeles, CA	7,245	66,383	Portugal	232	63,309
Miami, FL	14,016	138,160	Spain	82,281	10,786,358
New York City, NY	--	38,206	Thailand	15,250	2,641,154
Ogdensburg, NY	105	1,827	Turkey	139,841	19,912,988
Philadelphia, PA	560	17,531	Total	982,437	134,889,447
Providence, RI	--	10,500			
San Diego, CA	7,814	65,241			
San Francisco, CA	2,012	17,023			
San Juan, PR	918	9,381			
Savannah, GA	810	7,065			
Seattle, WA	127	626			
St. Albans, VT	--	19			
Tampa, FL	30,525	144,062			
Total:					
Quantity	110,726	982,437			
Value ³	\$14,185,396	\$134,889,447			

-- 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, SEPTEMBER 2017¹

(Metric tons, unless otherwise specified)

Customs district	Canada	Greece	September		Country or locality	January–September	
			total	January–September		Quantity	Value ²
Baltimore, MD	--	--	--	1,155	Canada ³	448,766	\$35,216,215
Buffalo, NY	--	--	--	41	China	3,308	576,037
Chicago, IL	--	--	--	336	Dominican Republic	7,203	474,897
Cleveland, OH	--	--	--	18	Egypt	435	64,736
Detroit, MI ³	60,292	--	60,292	448,833	France	54,611	18,666,739
Mobile, AL	--	--	--	99,032	Greece	104,048	5,686,226
New Orleans, LA	--	--	--	1,566	Turkey	334,706	17,433,758
New York City, NY	--	35,300	35,300	339,722	Total	953,077	78,118,608
Norfolk, VA	--	--	--	54,570			
Ogdensburg, NY	--	--	--	14			
San Juan, PR	--	--	--	7,203			
Savannah, GA	--	--	--	435			
Seattle, WA ³	27	--	27	152			
Total:							
Quantity	60,319	35,300	95,619	953,077			
Value ²	\$4,731,645	\$1,929,146	\$6,660,791	\$78,118,608			

-- 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.