

# Mineral Industry Surveys

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## CEMENT IN DECEMBER 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 December 2017.<sup>1</sup> Data on the imports of cement and clinker for December 2017 are also provided.

Total shipments of portland and blended cement in the United States and Puerto Rico in December 2017 were about 6.3 million metric tons (Mt), up by 3.5% from shipments in December 2016 (tables 2A and 2B). The leading producing States for portland and blended cement in December 2017 were California, Texas, Missouri, Florida, and Alabama, in descending order (table 1A). The leading cement-consuming States (Texas, California, Florida, Georgia, and New York, in descending order) received about 43% of the December shipments (tables 2A and 2B). Shipments for the full year were 95.5 Mt, up by 2.4% from those in 2016.

Masonry cement shipments of about 162,000 metric tons (t) in December 2017 were lower by 4.3% from those in December 2016 (table 2C). The leading masonry-cement-consuming States were, in descending order, Florida, Texas, California, North Carolina, and Tennessee; these States received 60% of the December shipments. Masonry cement shipments for the full year were 2.41 Mt, essentially unchanged from those in 2016.

Clinker production totaled 6.6 Mt in December 2017, up by nearly 20% from the output in December 2016 (table 4); the December 2016 output, however, was a low basis as it itself was 20% lower than production in December 2015. The leading clinker-producing States in December 2017 were, in descending

order, Texas, California, Missouri, Florida, and Alabama. Clinker production for the full year totaled 76.9 Mt, up slightly from output 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. December 2017 imports of cement and clinker of about 0.9 Mt were 5.2% higher than those in December 2016. Imports for the full year totaled 13.6 Mt, including an adjustment to include nearly 28,000 t of gray portland cement imported in January into the San Francisco Customs district under a tariff code for another commodity. Even with this adjustment, imports for 2017 overall were essentially unchanged from the total in 2016.

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

TABLE 1A  
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(Metric tons)

District	2016						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
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 <sup>3</sup>	296,128	290,187	446,836	461,108	486,976	553,149	479,661
<b>East North Central:</b>							
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 <sup>4</sup>
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 <sup>3</sup>	296,555	326,989	499,418	691,625	876,741	1,015,897	828,238
<b>West North Central:</b>							
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 <sup>3</sup>	523,603	630,846	991,643	1,100,732	1,228,980	1,565,494	1,318,705
<b>South Atlantic:</b>							
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 <sup>3</sup>	998,500	1,131,767	1,455,049	1,309,501	1,251,339	1,398,668	1,233,333
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	459,826	508,105	647,485	593,665	630,193	701,347	592,264
<b>West South Central:</b>							
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 <sup>3</sup>	1,048,277	1,174,230	1,130,459	1,049,589	1,001,765	1,167,656	1,122,945
<b>Mountain and Pacific:</b>							
Arizona and New Mexico	142,784	183,693	203,433	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 <sup>3</sup>	1,102,898	1,314,311	1,550,885	1,557,297	1,660,561	1,866,267	1,662,755
U.S. total <sup>3</sup>	4,725,787	5,376,436	6,721,775	6,763,516	7,136,556	8,268,477	7,237,901
Imports <sup>5</sup>	541,197	634,619	771,196	919,379	1,022,992	1,059,386	967,975
Grand total <sup>3</sup>	5,266,984	6,011,055	7,492,971	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–DECEMBER 2017<sup>1,2</sup>

(Metric tons)

District	2016					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
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 <sup>3</sup>	581,739	539,373	549,496	472,141	374,245	5,531,038
<b>East North Central:</b>						
Illinois	162,461	160,459	157,392	132,384	73,665	1,493,000
Indiana	364,810 <sup>4</sup>	348,102 <sup>4</sup>	382,974 <sup>4</sup>	342,169 <sup>4</sup>	199,990 <sup>4</sup>	3,443,888 <sup>4</sup>
Michigan	470,019	411,821	437,388	343,232	158,709	3,744,151
Ohio	(4)	(4)	(4)	(4)	(4)	(4)
District subtotal <sup>3</sup>	997,289	920,382	977,755	817,785	432,365	8,681,039
<b>West North Central:</b>						
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 <sup>3</sup>	1,607,918	1,545,594	1,607,210	1,297,352	798,445	14,216,521
<b>South Atlantic:</b>						
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 <sup>3</sup>	1,392,649	1,253,536	1,320,997	1,278,709	1,110,923	15,134,969
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	657,530	613,071	617,944	571,185	426,143	7,018,758
<b>West South Central:</b>						
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 <sup>3</sup>	1,149,199	1,158,196	1,193,186	1,032,431	1,013,208	13,241,141
<b>Mountain and Pacific:</b>						
Arizona and New Mexico	184,543	174,172	197,430	181,422	170,615	2,185,401
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 <sup>3</sup>	1,886,484	1,711,552	1,691,974	1,539,182	1,259,019	18,803,187
U.S. total <sup>3</sup>	8,272,808	7,741,704	7,958,563	7,008,784	5,414,348	82,626,653
Imports <sup>5</sup>	1,143,865	1,065,482	1,024,364	882,208	629,737	10,662,401
Grand total <sup>3</sup>	9,416,673	8,807,186	8,982,927	7,890,993	6,044,085	93,289,054

See footnotes at end of table.

TABLE 1A—Continued  
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
Maine and New York	93,612	83,483	104,874	129,799	165,500	170,211	149,823
Pennsylvania	211,327	222,031	258,375	304,508	354,770	379,318	342,737
District subtotal <sup>3</sup>	304,938	305,514	363,250	434,308	520,270	549,528	492,560
<b>East North Central:</b>							
Illinois	72,381	71,660	89,185	94,552	124,635	123,851	113,188
Indiana	159,237 <sup>4</sup>	188,714 <sup>4</sup>	230,698 <sup>4</sup>	285,679 <sup>4</sup>	325,385 <sup>4</sup>	376,196 <sup>4</sup>	318,570 <sup>4</sup>
Michigan	109,864	121,644	155,090	255,005	366,658	410,265	378,471
Ohio	(4)	(4)	(4)	(4)	(4)	(4)	(4)
District subtotal <sup>3</sup>	341,481	382,018	474,973	635,236	816,677	910,312	810,229
<b>West North Central:</b>							
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	431,413	551,961	645,413	713,037	807,971	913,110	874,213
District subtotal <sup>3</sup>	648,542	824,877	1,029,367	1,169,137	1,394,564	1,608,278	1,474,794
<b>South Atlantic:</b>							
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	209,913	241,265	266,834	227,105	256,600	261,419	242,995
District subtotal <sup>3</sup>	1,083,507	1,126,745	1,322,484	1,244,375	1,360,110	1,394,862	1,284,053
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	429,544	492,464	569,474	519,128	559,980	562,849	543,164
<b>West South Central:</b>							
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 <sup>3</sup>	1,023,482	1,108,713	1,288,390	1,083,475	1,251,371	1,254,281	1,176,721
<b>Mountain and Pacific:</b>							
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	962,086	945,342	855,109
Colorado and Wyoming	137,923	175,114	234,179	231,059	261,386	339,128	292,910
Montana, Nevada, Oregon, Utah, Washington	171,489	197,896	302,660	312,945	406,416	433,879	379,330
District subtotal <sup>3</sup>	1,040,539	1,158,803	1,638,098	1,583,619	1,829,072	1,954,800	1,729,164
U.S. total <sup>3</sup>	4,872,034	5,399,132	6,686,036	6,669,278	7,732,043	8,234,912	7,510,685
Imports <sup>5</sup>	568,602	634,342	807,809	891,241	1,091,426	1,121,835	973,668
Grand total <sup>3</sup>	5,440,636	6,033,474	7,493,845	7,560,519	8,823,469	9,356,747	8,484,353

See footnotes at end of table.

TABLE 1A—Continued  
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(Metric tons)

District	2017					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
Maine and New York	186,299	176,095	222,630	196,110	136,702	1,815,136
Pennsylvania	409,176	362,753	371,714	320,440	234,890	3,772,041
District subtotal <sup>3</sup>	595,474	538,848	594,344	516,549	371,592	5,587,176
<b>East North Central:</b>						
Illinois	136,823	132,580	130,769	112,815	73,847	1,276,284
Indiana	396,926 <sup>4</sup>	323,030 <sup>4</sup>	337,684 <sup>4</sup>	308,922 <sup>4</sup>	192,195 <sup>4</sup>	3,443,235 <sup>4</sup>
Michigan	465,957	415,839	422,844	308,729	158,673	3,569,039
Ohio	(4)	(4)	(4)	(4)	(4)	(4)
District subtotal <sup>3</sup>	999,705	871,449	891,297	730,465	424,715	8,288,558
<b>West North Central:</b>						
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	1,004,291	850,621	563,585	9,305,271
District subtotal <sup>3</sup>	1,706,445	1,564,369	1,621,412	1,371,646	848,369	15,261,802
<b>South Atlantic:</b>						
Florida	547,161	367,855	469,722	494,630	487,343	5,942,989
Georgia, Maryland, Virginia, West Virginia	563,874	527,055	578,731	525,334	407,762	5,858,189
Puerto Rico	44,829	27,830	24,808	38,661	38,271	452,693
South Carolina	273,982	238,389	295,165	272,273	208,858	2,994,797
District subtotal <sup>3</sup>	1,429,846	1,161,129	1,368,426	1,330,898	1,142,234	15,248,669
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	613,721	577,767	637,695	564,358	433,535	6,503,678
<b>West South Central:</b>						
Arkansas and Oklahoma	202,882	201,997	243,266	191,899	171,909	2,348,941
Texas, northern	455,104	443,710	477,552	434,994	330,191	5,153,780
Texas, southern	513,989	506,609	556,552	508,114	387,509	6,309,989
District subtotal <sup>3</sup>	1,171,975	1,152,316	1,277,370	1,135,007	889,608	13,812,709
<b>Mountain and Pacific:</b>						
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	9,913,609
Colorado and Wyoming	336,525	301,632	313,141	275,269	185,945	3,084,210
Montana, Nevada, Oregon, Utah, Washington	439,811	392,858	456,671	344,736	265,568	4,104,260
District subtotal <sup>3</sup>	1,979,183	1,737,553	1,890,487	1,602,101	1,410,868	19,554,287
U.S. total <sup>3</sup>	8,496,350	7,603,432	8,281,031	7,251,024	5,520,921	84,256,880
Imports <sup>5</sup>	1,204,402	1,122,523	1,140,166	968,593	733,003	11,257,611
Grand total <sup>3</sup>	9,700,752	8,725,955	9,421,198	8,219,618	6,253,924	95,514,490

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

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

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

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

<sup>5</sup>As reported by domestic and Canadian cement manufacturers and other importers.

TABLE 1B  
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(Metric tons)

District	2016						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
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 <sup>3</sup>	9,299	9,681	18,557	15,570	16,354	18,340	16,558
<b>East North Central:</b>							
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 <sup>3</sup>	15,992	19,222	31,130	31,663	31,573	38,307	31,699
<b>West North Central:</b>							
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
<b>South Atlantic:</b>							
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 <sup>3</sup>	64,423	68,112	88,084	78,714	73,509	83,614	76,864
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	15,864	18,021	23,100	22,294	21,784	23,831	19,254
<b>West South Central:</b>							
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 <sup>3</sup>	32,989	34,817	36,730	33,968	33,728	35,993	33,513
<b>Mountain and Pacific:</b>							
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 <sup>3</sup>	16,911	19,191	27,763	17,990	18,463	23,346	20,299
U.S. total <sup>3</sup>	157,639	171,687	229,456	203,858	198,664	224,582	200,543
Imports <sup>5</sup>	1,170	1,062	1,976	1,905	2,019	2,243	1,757
Grand total <sup>3</sup>	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–DECEMBER 2017<sup>1, 2</sup>

(Metric tons)

District	2016					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
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 <sup>3</sup>	18,446	17,062	17,458	14,434	10,013	181,772
<b>East North Central:</b>						
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 <sup>4</sup>
District subtotal <sup>3</sup>	34,026	32,036	32,235	29,973	22,891	350,747
<b>West North Central:</b>						
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
<b>South Atlantic:</b>						
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 <sup>3</sup>	78,432	75,844	75,579	78,505	68,998	910,679
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	22,402	21,104	21,508	19,977	14,699	243,838
<b>West South Central:</b>						
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 <sup>3</sup>	34,429	35,796	36,403	32,718	30,151	411,235
<b>Mountain and Pacific:</b>						
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 <sup>3</sup>	22,416	22,294	22,227	19,296	17,994	248,191
U.S. total <sup>3</sup>	213,780	207,744	209,340	198,238	167,779	2,383,310
Imports <sup>5</sup>	2,202	2,032	1,764	1,701	1,256	21,088
Grand total <sup>3</sup>	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–DECEMBER 2017<sup>1,2</sup>

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
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 <sup>3</sup>	10,334	9,400	12,972	14,549	17,275	18,161	16,256
<b>East North Central:</b>							
Illinois	W	W	W	W	W	W	W
Indiana	W	W	W	W	W	W	W
Michigan	3,505	4,428	5,205	6,415	7,909	8,015	7,093
Ohio	W	W	W	W	W	W	W
District subtotal <sup>3</sup>	21,162	23,264	26,176	27,170	28,621	29,563	28,851
<b>West North Central:</b>							
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	2,374	2,928	3,575	3,046	3,065	3,797	2,996
<b>South Atlantic:</b>							
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 <sup>3</sup>	76,446	75,368	89,657	77,324	86,517	83,718	79,432
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	18,463	19,073	23,233	19,018	22,322	21,006	21,107
<b>West South Central:</b>							
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 <sup>3</sup>	31,898	31,762	39,343	31,517	34,646	37,003	32,272
<b>Mountain and Pacific:</b>							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	2,527	2,798	3,842	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 <sup>3</sup>	16,054	17,704	31,140	18,918	22,174	23,663	19,100
U.S. total <sup>3</sup>	176,730	179,499	226,096	191,542	214,621	216,911	200,014
Imports <sup>5</sup>	1,179	1,402	1,644	1,857	1,726	1,693	1,875
Grand total <sup>3</sup>	177,909	180,901	227,740	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 2016–DECEMBER 2017<sup>1, 2</sup>

(Metric tons)

District	2017					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
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 <sup>3</sup>	18,162	15,601	16,453	14,133	9,348	172,642
<b>East North Central:</b>						
Illinois	W	W	W	W	W	W
Indiana	W	W	W	W	W	W
Michigan	9,182	7,814	7,547	5,605	3,634	76,351
Ohio	W	W	W	W	W	W
District subtotal <sup>3</sup>	31,119	30,282	29,591	24,149	18,111	318,059
<b>West North Central:</b>						
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	4,172	3,262	3,470	2,888	2,468	38,044
<b>South Atlantic:</b>						
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	16,827	15,849	12,605	194,678
District subtotal <sup>3</sup>	87,788	68,395	85,685	78,132	68,594	957,057
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	22,199	20,341	22,480	20,259	14,633	244,133
<b>West South Central:</b>						
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 <sup>3</sup>	34,088	32,209	33,978	33,407	26,010	398,133
<b>Mountain and Pacific:</b>						
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	3,867	3,069	3,145	3,078	2,642	40,262
California	21,772	19,146	20,570	18,983	18,808	223,572
District subtotal <sup>3</sup>	25,640	22,215	23,716	22,061	21,449	263,834
U.S. total <sup>3</sup>	223,168	192,305	215,371	195,030	160,613	2,391,901
Imports <sup>5</sup>	1,969	1,859	1,633	1,467	1,189	19,494
Grand total <sup>3</sup>	225,138	194,164	217,004	196,497	161,803	2,411,395

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

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

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

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

<sup>4</sup>Total is for January through June 2016 only.

<sup>5</sup>As reported by domestic and Canadian cement manufacturers and other importers.

TABLE 2A  
PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(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	135,557	171,523	189,411	172,791	172,568	172,453	150,569
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	85,440	91,410	106,164	99,604	110,484	115,012	109,444
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 <sup>3</sup>	41,698	44,312	49,575	42,797	62,536	73,721	66,976
Total shipments <sup>4</sup>	5,185,674	5,913,866	7,363,743	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–DECEMBER 2017<sup>1,2</sup>

(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	166,735	157,065	170,590	153,743	157,729	1,970,735
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	110,081
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	117,545	115,766	114,069	106,955	101,119	1,273,014
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 <sup>3</sup>	77,966	74,878	54,501	45,311	29,973	664,245
Total shipments <sup>4</sup>	9,177,767	8,594,329	8,801,835	7,749,654	5,951,128	91,340,028

See footnotes at end of table.

TABLE 2A—Continued  
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(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	338,866	356,517	335,502
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	36,877	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	202,524	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	62,360	82,732	97,191	99,664	84,209
Michigan	62,518	66,319	88,281	145,469	216,168	238,374	210,331
Minnesota	42,767	51,130	68,161	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	6,793	8,280	18,047	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	23,122	22,130	26,979	36,522	44,942	50,432	41,204
New York, western	29,117	19,818	23,943	48,905	66,051	80,660	70,801
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	186,419	246,451	289,536	349,305	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	49,977	52,639	55,462	77,131	100,928	112,779	108,507
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 <sup>r</sup>	53,836 <sup>r</sup>	69,506 <sup>r</sup>	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	22,358	27,154	28,789	31,026	41,620	41,411	37,733
Wisconsin	49,841	51,790	75,834	134,791	188,933	204,618	194,364
Wyoming	10,192	11,400	15,635	18,625 <sup>r</sup>	25,811 <sup>r</sup>	30,795 <sup>r</sup>	30,547
Puerto Rico	23,880	25,417	25,566	22,582	25,261	30,628	24,414
Foreign countries <sup>3</sup>	30,715	31,570	48,163	49,755	58,379	64,806	63,841
Total shipments <sup>4</sup>	5,358,868	5,943,054	7,384,002	7,408,985	8,629,388	9,114,650	8,249,618

See footnotes at end of table.

TABLE 2A—Continued  
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(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	3,741,332
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	54,873	54,036	61,992	49,116	30,023	519,491
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	1,916,205
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	999,994
Michigan	249,938	232,900	228,475	184,770	104,676	2,028,217
Minnesota	213,341	197,259	203,770	111,529	55,180	1,592,910
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	330,635
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	50,818	45,621	47,360	42,972	27,536	459,638
New York, western	92,406	82,391	82,049	59,585	30,192	685,918
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	379,674	339,133	355,005	307,697	182,496	3,203,805
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	154,319	130,170	95,482	1,536,304
Pennsylvania, western	127,649	116,484	122,724	96,583	73,348	1,094,210
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 <sup>r</sup>	61,663 <sup>r</sup>	58,531 <sup>r</sup>	43,349 <sup>r</sup>	18,210	489,419
Tennessee	138,061	129,676	144,887	136,085	102,639	1,531,896
Texas, northern	620,907	612,056	660,375	600,834	495,709	7,178,835
Texas, southern	566,825	582,149	684,348	624,250	452,148	7,431,614
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	47,345	42,727	42,969	34,682	27,572	425,384
Wisconsin	242,180	207,491	233,997	157,603	76,143	1,817,588
Wyoming	34,965 <sup>r</sup>	27,578 <sup>r</sup>	31,496 <sup>r</sup>	24,323 <sup>r</sup>	16,126	277,492
Puerto Rico	24,948	16,505	18,133	21,476	21,788	280,598
Foreign countries <sup>3</sup>	63,978	56,216	56,066	41,191	42,047	606,728
Total shipments <sup>4</sup>	9,394,118	8,506,192	9,236,212	8,059,907	6,155,419	93,440,414

<sup>r</sup>Revised.

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

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

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

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

TABLE 2B  
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–DECEMBER 2017<sup>1, 2, 3</sup>

(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 <sup>4</sup>	4,622	4,907	4,484	1,989	9,463	4,140	940
Total shipments <sup>5</sup>	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–DECEMBER 2017<sup>1, 2, 3</sup>

(Metric tons)

Destination	2016						January–December
	August	September	October	November	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 <sup>4</sup>	3,660	656	953	748	3,000	39,564	
Total shipments <sup>5</sup>	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–DECEMBER 2017<sup>1, 2, 3</sup>

(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	--	--	--	--	5	--	--
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	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	--	--	--	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	485	622	815	641	691
New York, western	84	274	307	608	978	890	1,200
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	2,457	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	3,302	3,211	738	2,272	2,037	908	3,524
Wyoming	--	--	1,523	--	--	--	--
Puerto Rico	16,905	19,535	20,929	19,837	21,931	24,667	20,868
Foreign countries <sup>4</sup>	3,122	--	93	3,002	3,095	3,148	442
Total shipments <sup>5</sup>	81,768	90,420	109,843	151,533	194,081	242,097	234,735

See footnotes at end of table.



TABLE 2B—Continued  
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–DECEMBER 2017<sup>1, 2, 3</sup>

(Metric tons)

Destination	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	--	--	--	--	--	5
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	33,976
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	24	23	--	--	321	808
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	471	619	512	363	192	6,620
New York, western	2,316	1,500	1,237	938	767	11,099
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	13,813	12,644	7,760	138,972
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	8,661	6,836	4,289	77,807
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	1,828	1,578	1,320	22,971
Vermont	306	--	260	87	38	4,974
Virginia	4,928	7,088	7,294	5,884	5,991	53,943
Washington	27,974	1,429	1,629	359	290	99,554
West Virginia	1,918	1,468	1,405	1,974	1,561	18,552
Wisconsin	4,389	4,248	4,457	2,555	957	32,596
Wyoming	--	--	--	--	--	1,523
Puerto Rico	24,300	16,782	10,931	19,416	15,716	231,818
Foreign countries <sup>4</sup>	3,060	100	3,131	3,000	3,000	25,193
Total shipments <sup>5</sup>	306,634	219,763	184,986	159,711	98,505	2,074,076

-- Zero.

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

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

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

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

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

TABLE 2C  
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(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 <sup>3</sup>	--	25	25	--	--	54	11
Total shipments <sup>4</sup>	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–DECEMBER 2017<sup>1,2</sup>

(Metric tons)

Destination	2016						January–December
	August	September	October	November	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 <sup>3</sup>	25	--	22	22	5	191	
Total shipments <sup>4</sup>	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–DECEMBER 2017<sup>1,2</sup>

(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	3,748	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	--	--	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 <sup>3</sup>	71	40	37	6	104	27	27
Total shipments <sup>4</sup>	177,909	180,901	227,740	193,399	216,347	218,603	201,889

See footnotes at end of table.

TABLE 2C—Continued  
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2016–DECEMBER 2017<sup>1,2</sup>

(Metric tons)

Destination	2017						January–December
	August	September	October	November	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		55,304
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	--		244
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	6,084	6,280	4,615		71,150
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 <sup>3</sup>	33	33	5	25	20		429
Total shipments <sup>4</sup>	225,138	194,164	217,004	196,497	161,803		2,411,395

-- Zero.

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

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

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

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

TABLE 3  
SHIPMENTS OF PORTLAND PLUS BLENDED CEMENT BY DESTINATION FOR DECEMBER (2012–2017)<sup>1</sup>

(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	56	62	70	74	71	67	88	23.0	31.4
Alaska	7	7	9	7	5	7	7	25.1	-3.6
Arizona	122	132	139	159	159 <sup>2</sup>	142	184	15.9	29.6
Arkansas	54	52	69	63	58 <sup>2</sup>	59	56	-2.2	-4.6
California, northern	148	222	165	224	245	201	317	29.1	57.8
California, southern	304	386	358	489	451	397	487	8.0	22.5
Colorado	93	113	147	122	137	122	157	14.6	28.7
Connecticut	34	33	38	49	36	38	36	0.7	-5.0
Delaware	11	12	12	18	14	14	12	-17.4	-15.0
District of Columbia	18	14	13	24	17 <sup>2</sup>	17	17	-0.8	-0.1
Florida	297	415	442	503	517	435	525	1.6	20.8
Georgia	110	130	185	205	194	165	199	2.7	20.8
Hawaii	20	24	27	35	22	26	24	11.6	-4.2
Idaho	19	16	27	21	18	20	30	68.6	49.0
Illinois, excluding Chicago	70	59	89	84	68	74	74	8.6	0.3
Illinois, Chicago metropolitan	62	56	100	132	92	88	87	-5.5	-1.7
Indiana	78	69	144	126	103	104	111	8.3	7.5
Iowa	61	55	80	92	62	70	86	37.3	22.4
Kansas	69	73	82	87	73	77	81	11.7	6.0
Kentucky	55	54	82	87	77	71	73	-4.4	3.6
Louisiana	139	151	170	191	125	155	103	-17.6	-33.5
Maine	9	8	11	15	12	11	11	-4.4	3.0
Maryland	75	74	85	99	85 <sup>2</sup>	84	88	3.0	4.8
Massachusetts	55	54	71	84	73	68	67	-8.8	-0.9
Michigan	67	61	110	116	86	88	106	23.1	20.7
Minnesota	48	45	63	70	60	57	56	-6.4	-2.3
Mississippi	46	50	59	51	47	51	42	-11.9	-17.5
Missouri	91	74	109	126	115	103	120	4.4	16.6
Montana	12	9	15	14	8	12	14	80.9	22.9
Nebraska	50	45	59	63	50	54	71	41.6	32.9
Nevada	62	71	90	86	103 <sup>2</sup>	82	90	-13.2	8.8
New Hampshire	10	10	13	15	12	12	10	-12.9	-15.4
New Jersey	81	93	115	121	109	103	100	-7.7	-3.1
New Mexico	37	39	44	31	35	37	42	17.9	11.8
New York, eastern	28	28	33	50	31	34	28	-11.7	-18.1
New York, western	30	31	34	42	32	34	31	-2.1	-7.8
New York, metropolitan	79	76	110	142	131	108	127	-2.6	18.5
North Carolina	126	132	157	157	170	148	175	2.9	18.2
North Dakota	33	24	34	29	10	26	17	63.8	-35.4
Ohio	129	135	204	216	165	170	183	11.1	7.8
Oklahoma	101	102	136	118	118	115	118	0.7	3.0
Oregon	34	38	43	44	48	41	60	24.6	44.8
Pennsylvania, eastern	86	82	104	120	101 <sup>2</sup>	99	103	2.7	4.8
Pennsylvania, western	51	49	85	75	58 <sup>2</sup>	63	73	26.2	15.6
Rhode Island	8	6	9	10	10	8	8	-21.5	-11.5
South Carolina	76	82	96	112	105	94	112	7.3	19.3
South Dakota	15	11	17	24	13	16	18	45.0	16.2
Tennessee	80	87	104	114	107	98	107	-0.2	8.7
Texas, northern	379	376	521	459	515 <sup>2</sup>	450	498	-3.1	10.7
Texas, southern	517	604	681	674	571	610	464	-18.8	-23.9
Utah	59	52	87	72	81	70	98	21.1	39.1
Vermont	4	5	5	8	5	6	5	-4.6	-12.2
Virginia	108	102	120	131	135 <sup>2</sup>	119	133	-1.5	11.7
Washington	86	90	111	104	107	99	118	11.0	18.8
West Virginia	28	28	36	25	27 <sup>2</sup>	29	29	9.6	1.5
Wisconsin	64	49	80	86	76	71	77	1.7	8.8
Wyoming	18	16	21	16	11	16	16	52.0	-0.4
Puerto Rico	55	52	49	43	48	49	38	-21.4	-24.2
Foreign countries	75	73	74	54	33	62	45	36.6	-27.1
Total <sup>3</sup>	4,735	5,092	6,244	6,605	6,044 <sup>2</sup>	5,744	6,254	3.5	8.9

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

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

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

TABLE 4  
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2016–DECEMBER 2017<sup>1</sup>

(Metric tons)

District	2016						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
Maine and New York	88,653	70,125	102,941	106,124	71,967	69,811	83,144
Pennsylvania	195,741	150,218 <sup>r</sup>	260,146	311,083 <sup>r</sup>	407,732	326,615 <sup>r</sup>	280,312 <sup>r</sup>
District subtotal <sup>2</sup>	284,393	220,343 <sup>r</sup>	363,087	417,207 <sup>r</sup>	479,699	396,425 <sup>r</sup>	363,456 <sup>r</sup>
<b>East North Central:</b>							
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 <sup>3</sup>
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	( <sup>3</sup> )
District subtotal <sup>2</sup>	523,644	601,729	678,750	601,429	763,679	749,775	753,432
<b>West North Central:</b>							
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 <sup>2</sup>	736,553	944,949	925,574	940,510	993,534	1,240,434	1,217,840
<b>South Atlantic:</b>							
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 <sup>2</sup>	825,451	758,575	1,252,662	1,395,936	1,285,038	1,241,796	1,266,060
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	552,073	356,115	378,714	561,919	631,447	632,428	573,960
<b>West South Central:</b>							
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 <sup>2</sup>	1,061,991	1,070,209	1,087,703	794,119	1,134,679	981,395	1,137,087
<b>Mountain and Pacific:</b>							
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 <sup>2</sup>	1,240,090	1,133,044	1,340,220	1,314,368	1,679,001	1,697,712	1,571,398
Grand total <sup>2</sup>	5,224,194	5,084,966 <sup>r</sup>	6,026,710	6,025,487 <sup>r</sup>	6,967,078	6,939,965 <sup>r</sup>	6,883,232 <sup>r</sup>

See footnotes at end of table.

TABLE 4—Continued  
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2016–DECEMBER 2017<sup>1</sup>

(Metric tons)

District	2016					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
Maine and New York	97,172	71,848	93,372	80,279	73,770	1,009,205
Pennsylvania	351,592	350,374	356,096	360,900 <sup>r</sup>	194,688	3,545,497 <sup>r</sup>
District subtotal <sup>2</sup>	448,764	422,222	449,468	441,179 <sup>r</sup>	268,458	4,554,702 <sup>r</sup>
<b>East North Central:</b>						
Illinois	150,732	137,803	125,778	148,177	90,882	1,575,637
Indiana	312,162 <sup>3</sup>	297,616 <sup>3</sup>	298,968 <sup>3</sup>	294,849 <sup>3</sup>	286,103 <sup>3</sup>	3,374,032 <sup>3</sup>
Michigan	267,874	274,884	241,318	273,241	265,722	3,188,877
Ohio	(3)	(3)	(3)	(3)	(3)	(3)
District subtotal <sup>2</sup>	730,767	710,303	666,063	716,267	642,707	8,138,546
<b>West North Central:</b>						
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 <sup>2</sup>	1,285,312	1,135,551	1,288,908	1,227,389	829,061	12,765,613
<b>South Atlantic:</b>						
Florida	528,199	386,140	508,626	464,610	474,568	5,547,913
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 <sup>2</sup>	1,258,694	1,128,329	1,257,633	1,166,588	1,164,541	14,001,305
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	639,633	523,007	564,951	551,276	562,857	6,528,380
<b>West South Central:</b>						
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 <sup>2</sup>	1,107,880	1,107,745	1,142,209	1,107,640	969,126	12,701,782
<b>Mountain and Pacific:</b>						
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 <sup>2</sup>	1,555,128	1,503,599	1,519,457	1,496,366	1,097,077	17,147,460
Grand total <sup>2</sup>	7,026,178	6,530,756	6,888,689	6,706,705 <sup>r</sup>	5,533,827	75,837,788 <sup>r</sup>

See footnotes at end of table.



TABLE 4—Continued  
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2016–DECEMBER 2017<sup>1</sup>

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
<b>New England and Middle Atlantic:</b>							
Maine and New York	62,813	34,677	35,074	81,350	70,640	152,246	154,227
Pennsylvania	216,313	88,152	218,377	336,856	386,684	283,214	348,754
District subtotal <sup>2</sup>	279,125	122,829	253,450	418,206	457,324	435,460	502,981
<b>East North Central:</b>							
Illinois	91,332	96,472	130,058	69,247	91,582	100,481	133,304
Indiana	171,092 <sup>3</sup>	201,846 <sup>3</sup>	281,718 <sup>3</sup>	267,188 <sup>3</sup>	327,778 <sup>3</sup>	330,144 <sup>3</sup>	321,449
Michigan	209,338	190,377	264,570	89,628	189,204	285,815	274,490
Ohio	(3)	(3)	(3)	(3)	(3)	(3)	(3)
District subtotal <sup>2</sup>	471,762	488,695	676,345	426,064	608,564	716,439	729,243
<b>West North Central:</b>							
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	375,709	563,205	730,790	564,068	863,419	847,573	746,703
District subtotal <sup>2</sup>	768,899	912,848	1,116,110	990,739	1,354,263	1,260,360	1,225,845
<b>South Atlantic:</b>							
Florida	444,297	451,681	513,141	517,545	563,588	510,190	474,569
Georgia, Maryland, Virginia, West Virginia	200,540	367,539	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 <sup>2</sup>	779,351	1,013,271	1,272,958	1,354,424	1,346,882	1,347,077	1,334,221
<b>East South Central:</b>							
Alabama, Kentucky, Tennessee	424,865	230,421	541,696	561,695	628,288	483,343	552,010
<b>West South Central:</b>							
Arkansas and Oklahoma	156,624	151,192	125,664	171,027	184,001	205,425	188,409
Texas, northern	259,576	352,572	411,153	312,876	435,123	453,771	540,468
Texas, southern	373,767	442,678	499,785	503,128	465,971	417,865	522,700
District subtotal <sup>2</sup>	789,967	946,443	1,036,603	987,032	1,085,095	1,077,061	1,251,577
<b>Mountain and Pacific:</b>							
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 <sup>2</sup>	1,070,586	1,251,730	1,317,697	1,405,125	1,610,307	1,500,187	1,625,282
Grand total <sup>2</sup>	4,584,555	4,966,237	6,214,859	6,143,286	7,090,723	6,819,927	7,221,158

See footnotes at end of tables.

TABLE 4—Continued  
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2016–DECEMBER 2017<sup>1</sup>

(Metric tons)

District	2017					
	August	September	October	November	December	January–December
<b>New England and Middle Atlantic:</b>						
Maine and New York	184,941	162,986	178,812	121,906	179,261	1,418,931
Pennsylvania	310,777	307,094	366,247	319,715	246,494	3,428,676
District subtotal <sup>2</sup>	495,719	470,080	545,059	441,620	425,755	4,847,607
<b>East North Central:</b>						
Illinois	123,918	123,527	130,576	83,456	134,037	1,307,989
Indiana	307,006 <sup>3</sup>	297,598 <sup>3</sup>	244,800 <sup>3</sup>	294,267 <sup>3</sup>	279,583 <sup>3</sup>	3,324,468 <sup>3</sup>
Michigan	292,944	274,332	256,042	257,552	231,211	2,815,502
Ohio	(3)	(3)	(3)	(3)	(3)	(3)
District subtotal <sup>2</sup>	723,867	695,457	631,418	635,275	644,830	7,447,960
<b>West North Central:</b>						
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	764,452	846,869	828,636	789,449	585,822	8,506,695
District subtotal <sup>2</sup>	1,266,308	1,265,030	1,243,697	1,245,246	1,081,650	13,730,994
<b>South Atlantic:</b>						
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	5,457,248
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 <sup>2</sup>	1,267,424	1,050,626	1,182,605	1,238,576	1,270,259	14,457,676
<b>East South Central:</b>						
Alabama, Kentucky, Tennessee	568,976	494,918	583,684	573,905	541,130	6,184,931
<b>West South Central:</b>						
Arkansas and Oklahoma	207,840	199,204	191,218	221,378	175,445	2,177,426
Texas, northern	405,415	369,325	315,064	378,329	412,235	4,645,908
Texas, southern	375,333	438,967	526,591	447,953	467,990	5,482,729
District subtotal <sup>2</sup>	988,588	1,007,496	1,032,873	1,047,659	1,055,670	12,306,063
<b>Mountain and Pacific:</b>						
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 <sup>2</sup>	1,722,672	1,619,411	1,553,416	1,611,303	1,600,730	17,888,447
Grand total <sup>2</sup>	7,033,552	6,603,019	6,772,752	6,793,585	6,620,024	76,863,677

<sup>1</sup>Revised. -- Zero.

<sup>2</sup>Data are unrounded but are believed to be accurate to no more than three significant digits.

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

<sup>3</sup>Beginning 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, DECEMBER 2017<sup>1</sup>

(Metric tons, unless otherwise specified)

Customs district	Canada	China	Dominican Republic	Egypt	France	Germany	Greece	Japan	Korea, Republic of
Anchorage, AK	186	--	--	--	--	--	--	--	--
Baltimore, MD	--	878	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	--	--
Buffalo, NY	23,653	--	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--	--	--
Chicago, IL	--	66	--	--	21	--	--	--	--
Cleveland, OH	40,951	--	--	--	--	--	--	--	--
Columbia-Snake, ID OR WA	--	--	--	--	--	--	--	--	31,700
Dallas-Fort Worth, TX	--	--	--	--	--	--	--	--	--
Detroit, MI <sup>4</sup>	105,362	--	--	--	--	--	--	--	--
El Paso, TX <sup>5</sup>	--	--	--	--	--	--	--	--	--
Great Falls, MT	342	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--	--	--
Houston-Galveston, TX	--	43,973	--	4,353	--	18	42,804	--	--
Laredo, TX	--	--	--	--	--	--	--	--	--
Los Angeles, CA	--	2,646	--	3,840	--	--	--	--	--
Miami, FL	--	--	--	3,528	--	--	--	--	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--	--	--
New York City, NY	--	--	--	--	--	--	41,385	--	--
Norfolk, VA	--	160	--	--	--	--	15,000	--	--
Ogdensburg, NY	20,485	--	--	--	--	--	--	--	--
Pembina, ND	9,747	--	--	--	--	--	--	--	--
Philadelphia, PA	--	45	--	4,620	--	19	38,000	--	--
Portland, ME	414	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	--	--
San Diego, CA	--	--	--	--	--	--	--	--	--
San Francisco, CA	--	154,035	--	280	--	--	--	--	--
San Juan, PR	--	--	6	--	--	--	--	--	--
Savannah, GA	--	--	--	1,620	--	--	--	--	--
Seattle, WA <sup>4</sup>	63,140	30,326	--	--	--	--	--	57	--
St. Albans, VT	10,602	--	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	44,000	--	--
Wilmington, NC	--	--	--	--	--	--	--	--	--
Total:									
Quantity <sup>4,5</sup>	274,882	232,129	6	18,241	21	37	181,189	57	31,700
Value <sup>3,4,5</sup>	\$28,261,050	\$14,850,448	\$3,096	\$2,718,680	\$31,111	\$20,130	\$9,703,554	\$27,438	\$1,733,673

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 2017<sup>1</sup>

(Metric tons, unless otherwise specified)

Customs district	Mexico	Netherlands	Poland	Spain	Sweden	Taiwan	Thailand	Turkey <sup>2</sup>	United Kingdom
Anchorage, AK	--	--	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	20	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--	--	--
Charleston, SC	--	19	--	--	--	--	--	--	--
Chicago, IL	--	--	--	--	--	--	--	--	--
Cleveland, OH	--	94	126	--	--	--	--	--	57
Columbia-Snake, ID OR WA	--	--	--	--	--	--	--	--	--
Dallas-Fort Worth, TX	--	--	--	--	--	--	--	--	--
Detroit, MI <sup>4</sup>	--	--	--	--	--	--	--	--	--
El Paso, TX <sup>5</sup>	28,391	--	--	--	--	--	--	--	--
Great Falls, MT	--	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	35,550	--	--	--
Houston-Galveston, TX	--	--	57	44,000	--	--	--	43,357	--
Laredo, TX	12,409	--	--	--	--	--	--	--	--
Los Angeles, CA	--	--	--	--	57	--	876	406	--
Miami, FL	--	--	--	--	--	--	--	2,019	--
Milwaukee, WI	--	--	--	--	--	--	--	--	--
Minneapolis, MN	--	--	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--	26	--
New York City, NY	--	19	--	--	--	--	--	15,664	--
Norfolk, VA	--	--	--	--	--	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	60	--	--	--	--	--	1,890	11
Portland, ME	--	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	12,000	--
San Diego, CA	1,982	--	--	--	--	--	--	--	--
San Francisco, CA	--	--	--	--	--	--	21	134	--
San Juan, PR	272	--	--	--	--	--	--	--	--
Savannah, GA	--	--	63	58	--	--	--	810	--
Seattle, WA <sup>4</sup>	--	--	--	--	--	--	--	--	--
St. Albans, VT	--	--	--	--	--	--	--	--	--
St. Louis, MO	--	18	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	--	--	--
Wilmington, NC	--	--	2	--	--	--	--	--	--
Total:									
Quantity <sup>4,5</sup>	43,054	210	248	44,058	77	35,550	897	76,306	68
Value <sup>3,4,5</sup>	\$5,156,816	\$226,681	\$239,583	\$2,503,257	\$80,347	\$2,520,496	\$170,967	\$6,515,905	\$44,366

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 2017<sup>1</sup>

(Metric tons, unless otherwise specified)

Customs district	December	January–December	Country or locality	January–December	
	total			Quantity	Value <sup>3</sup>
Anchorage, AK	186	94,122	Belgium	41	\$22,219
Baltimore, MD	898	3,750	Brazil	4,205	2,140,524
Boston, MA	--	72,631	Bulgaria	131,031	7,872,502
Buffalo, NY	23,653	487,786	Canada <sup>4</sup>	4,356,276	445,400,820
Charleston, SC	19	29,626	China <sup>6</sup>	2,030,970	132,535,556
Chicago, IL	87	2,120	Colombia	279	113,666
Cleveland, OH	41,228	636,845	Croatia	21,715	10,269,524
Columbia-Snake, ID OR WA	31,700	703,723	Denmark	189,799	30,743,079
Dallas-Fort Worth, TX	--	171	Dominican Republic	15,527	1,437,556
Detroit, MI <sup>4</sup>	105,362	1,306,799	Egypt	182,907	26,396,623
El Paso, TX <sup>5</sup>	28,391	230,306	France	91,300	33,404,068
Great Falls, MT	342	92,615	Germany	1,427	420,442
Honolulu, HI	35,550	305,350	Greece	2,321,408	133,157,469
Houston-Galveston, TX	178,562	1,965,232	India	49	7,712
Laredo, TX	12,409	179,108	Italy	194,810	13,659,131
Los Angeles, CA	7,825	88,781	Japan	902	631,942
Miami, FL	5,547	519,993	Korea, Republic of	645,771	35,692,589
Milwaukee, WI	--	6,000	Malta <sup>2</sup>	5,000	551,250
Minneapolis, MN	--	43,900	Mexico <sup>5</sup>	696,276	70,033,874
Mobile, AL	--	144,051	Morocco	7,615	484,796
New Orleans, LA	26	138,921	Netherlands	3,117	3,425,277
New York City, NY	57,068	1,449,690	Panama	22	11,237
Norfolk, VA	15,160	331,059	Philippines	19	3,901
Ogdensburg, NY	20,485	384,233	Poland	3,713	3,776,100
Pembina, ND	9,747	179,340	Portugal	89,088	8,053,826
Philadelphia, PA	44,645	328,196	South Africa	81	31,653
Portland, ME	414	13,060	Spain	600,875	48,486,187
Providence, RI	12,000	445,640	Sweden	270,949	20,585,071
San Diego, CA	1,982	84,657	Taiwan	305,374	21,771,676
San Francisco, CA	154,470	1,284,330 <sup>6</sup>	Thailand	16,797	2,931,924
San Juan, PR	278	126,074	Turkey <sup>2</sup>	1,433,444	104,321,564
Savannah, GA	2,551	105,850	United Kingdom	1,879	1,702,655
Seattle, WA <sup>4</sup>	93,523	1,250,320	Total <sup>3, 4, 5, 6</sup>	13,622,666	1,160,076,413
St. Albans, VT	10,602	145,926			
St. Louis, MO	18	257			
Tampa, FL	44,000	428,645			
Wilmington, NC	2	13,559			
Total:					
Quantity <sup>4, 5</sup>	938,730	13,622,666 <sup>6</sup>			
Value <sup>3, 4, 5</sup>	\$74,807,598	\$1,160,086,413			

-- Zero.

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

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

<sup>3</sup>Value = c.i.f. (cost, insurance, and freight).

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

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

<sup>6</sup>Data for the San Francisco Customs district include 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, DECEMBER 2017<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Customs district	Canada	China	Egypt	Mexico	Thailand	Turkey
Buffalo, NY	2,336	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--
Detroit, MI	18,589	--	--	--	--	--
El Paso, TX	--	--	--	2,892	--	--
Great Falls, MT	--	--	--	--	--	--
Houston-Galveston, TX	--	--	4,353	--	--	17,352
Laredo, TX	--	--	--	12,409	--	--
Los Angeles, CA	--	2,619	3,840	--	876	406
Miami, FL	--	--	3,528	--	--	2,019
New Orleans, LA	--	--	--	--	--	26
New York City, NY	--	--	--	--	--	164
Ogdensburg, NY	169	--	--	--	--	--
Philadelphia, PA	--	--	4,620	--	--	1,890
Providence, RI	--	--	--	--	--	--
San Diego, CA	--	--	--	1,982	--	--
San Francisco, CA	--	837	280	--	21	134
San Juan, PR	--	--	--	272	--	--
Savannah, GA	--	--	1,620	--	--	810
Seattle, WA	1	270	--	--	--	--
St. Albans, VT	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--
Total:						
Quantity	21,095	3,726	18,241	17,555	897	22,801
Value <sup>3</sup>	\$2,808,088	\$542,579	\$2,718,680	\$2,418,851	\$170,967	\$2,920,236

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 2017<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Customs district	December total	January–December	Country or locality	January–December	
				Quantity	Value <sup>3</sup>
Buffalo, NY	2,336	69,271	Canada	293,409	\$38,561,632
Charleston, SC	--	6,600	China	35,633	5,229,695
Detroit, MI	18,589	221,621	Denmark	189,779	30,730,079
El Paso, TX	2,892	26,987	Egypt	182,472	26,331,887
Great Falls, MT	--	22	Germany	6	9,525
Houston–Galveston, TX	21,705	149,646	Malta	5,000	551,250
Laredo, TX	12,409	165,054	Mexico	286,776	32,355,692
Los Angeles, CA	7,741	88,135	Portugal	319	86,245
Miami, FL	5,547	164,075	Spain	94,931	12,480,573
New Orleans, LA	26	26	Thailand	16,797	2,931,924
New York City, NY	164	45,289	Turkey	172,881	24,759,154
Ogdensburg, NY	169	2,394	Total	1,278,003	174,027,656
Philadelphia, PA	6,510	29,881			
Providence, RI	--	10,500			
San Diego, CA	1,982	84,633			
San Francisco, CA	1,272	21,150			
San Juan, PR	272	10,362			
Savannah, GA	2,430	11,115			
Seattle, WA	271	951			
St. Albans, VT	--	19			
Tampa, FL	--	170,272			
Total:					
Quantity	84,315	1,278,003			
Value <sup>3</sup>	\$11,579,401	\$174,027,656			

-- Zero.

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

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

<sup>3</sup>Value = c.i.f. (cost, insurance, and freight).

Source: U.S. Census Bureau.

TABLE 7  
CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, DECEMBER 2017<sup>1</sup>

(Metric tons, unless otherwise specified)

Customs district	Canada	China	Turkey	December		Country or locality	January–December	
				total	January–December		Quantity	Value <sup>2</sup>
Baltimore, MD	--	790	--	790	1,945	Canada <sup>3</sup>	672,850	\$52,790,964
Buffalo, NY	--	--	--	--	41	China	5,405	803,185
Chicago, IL	--	--	--	--	615	Dominican Republic	7,203	474,897
Cleveland, OH	--	--	--	--	357	Egypt	435	64,736
Detroit, MI <sup>3</sup>	59,121	--	--	59,121	672,854	France	71,976	24,876,976
Houston-Galveston, TX	--	--	20,005	20,005	20,005	Greece	104,048	5,686,226
Mobile, AL	--	--	--	--	99,032	Turkey	354,711	18,834,108
New Orleans, LA	--	--	--	--	2,275	Total	1,216,628	103,531,092
New York City, NY	--	--	--	--	339,722			
Norfolk, VA	--	--	--	--	71,915			
Ogdensburg, NY	--	--	--	--	14			
San Juan, PR	--	--	--	--	7,203			
Savannah, GA	--	--	--	--	435			
Seattle, WA <sup>3</sup>	--	--	--	--	215			
Total:								
Quantity	59,121	790	20,005	79,916	1,216,628			
Value <sup>2</sup>	\$4,641,438	\$45,115	\$1,400,350	\$6,086,903	\$103,531,092			

-- Zero.

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

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

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

Source: U.S. Census Bureau.