

Mineral Industry Surveys

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CEMENT IN JANUARY 2018

This report provides monthly data on the shipments of cement to final customers and the production of clinker in the United States from January 2017 through January 2018.¹ Data on the imports of cement and clinker for January 2018 are also provided.

Total shipments of portland and blended cement in the United States and Puerto Rico in January 2018 were about 5.8 million metric tons (Mt), up by 5.7% from shipments in January 2017 (tables 2A and 2B). The leading producing States for portland and blended cement in January 2018 were Texas, California, Florida, Missouri, and Alabama, in descending order (table 1A). The leading cement-consuming States (Texas, California, Florida, Arizona, and Georgia, in descending order) received about 51% of the January shipments (tables 2A and 2B).

Masonry cement shipments of about 168,000 metric tons (t) in January 2018 were 5.6% lower than those in January 2017 (table 2C). The leading masonry-cement-consuming States were, in descending order, Florida, Texas, California, Georgia, and North Carolina; these States received nearly 65% of the January shipments.

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

Clinker production totaled 4.8 Mt in January 2018, up by 3.9% from the output in January 2017 (table 4). The leading clinker-producing States in January 2017 were, in descending order, California, Texas, Florida, Missouri, and Alabama.

Tables 5, 6, and 7 list import data from the U.S. Census Bureau; however, data for clinker imports into the Seattle, WA, and the Detroit, MI, customs districts do not include material trucked in from Canada on an informal entry basis. Likewise, imports of cement into the El Paso, TX, district are missing significant informal entries from Mexico. Monthly imports can show significant year-over-year changes for a variety of reasons and commonly do not correlate well with same month consumption levels in the import districts. January 2018 imports of cement and clinker totaled about 0.8 Mt, nearly 13% higher than imports in January 2017.

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

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	93,612	83,483	104,874	129,799	165,500	170,211	149,823
Pennsylvania	211,327	222,031	258,375	304,508	354,770	379,318	342,737
District subtotal ³	304,938	305,514	363,250	434,308	520,270	549,528	492,560
East North Central:							
Illinois	72,381	71,660	89,185	94,552	124,635	123,851	113,188
Indiana, Ohio	159,237	188,714	230,698	285,679	325,385	376,196	318,570
Michigan	109,864	121,644	155,090	255,005	366,658	410,265	378,471
District subtotal ³	341,481	382,018	474,973	635,236	816,677	910,312	810,229
West North Central:							
Iowa, Nebraska, South Dakota	94,315	116,063	176,347	252,402	367,798	456,333	392,918
Kansas	122,814	156,853	207,607	203,698	218,795	238,836	207,663
Missouri	431,413	551,961	645,413	713,037	807,971	913,110	874,213
District subtotal ³	648,542	824,877	1,029,367	1,169,137	1,394,564	1,608,278	1,474,794
South Atlantic:							
Florida	482,157	451,353	558,609	517,056	548,503	518,340	500,259
Georgia, Maryland, Virginia, West Virginia	355,134	399,545	459,673	462,532	511,946	567,542	499,062
Puerto Rico	36,304	34,582	37,368	37,683	43,060	47,561	41,738
South Carolina	209,913	241,265	266,834	227,105	256,600	261,419	242,995
District subtotal ³	1,083,507	1,126,745	1,322,484	1,244,375	1,360,110	1,394,862	1,284,053
East South Central:							
Alabama, Kentucky, Tennessee	429,544	492,464	569,474	519,128	559,980	562,849	543,164
West South Central:							
Arkansas and Oklahoma	168,166	158,165	201,300	169,945	203,112	229,075	207,225
Texas, northern	346,404	397,449	474,547	412,414	476,800	477,294	427,321
Texas, southern	508,913	553,099	612,543	501,115	571,459	547,913	542,175
District subtotal ³	1,023,482	1,108,713	1,288,390	1,083,475	1,251,371	1,254,281	1,176,721
Mountain and Pacific:							
Arizona and New Mexico	169,959	169,410	210,982	192,445	199,183	236,451	201,815
California	561,168	616,383	890,277	847,170	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 ³	1,040,539	1,158,803	1,638,098	1,583,619	1,829,072	1,954,800	1,729,164
U.S. total ³	4,872,034	5,399,132	6,686,036	6,669,278	7,732,043	8,234,912	7,510,685
Imports ⁴	568,602	634,342	807,809	891,241	1,091,426	1,121,835	973,668
Grand total ³	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 2017–JANUARY 2018^{1,2}

(Metric tons)

District	2017						2018
	August	September	October	November	December	January–December	January
New England and Middle Atlantic:							
Maine and New York	186,299	176,095	222,630	196,110	136,702	1,815,136	89,041
Pennsylvania	409,176	362,753	371,714	320,440	234,890	3,772,041	176,204
District subtotal ³	595,474	538,848	594,344	516,549	371,592	5,587,176	265,245
East North Central:							
Illinois	136,823	132,580	130,769	112,815	73,847	1,276,284	61,848
Indiana, Ohio	396,926	323,030	337,684	308,922	192,195	3,443,235	130,095
Michigan	465,957	415,839	422,844	308,729	158,673	3,569,039	100,328
District subtotal ³	999,705	871,449	891,297	730,465	424,715	8,288,558	292,271
West North Central:							
Iowa, Nebraska, South Dakota	467,994	410,045	406,119	302,709	142,214	3,585,258	90,157
Kansas	235,170	207,949	211,002	218,316	142,570	2,371,274	112,851
Missouri	1,003,280	946,374	1,004,291	850,621	563,585	9,305,271	394,993
District subtotal ³	1,706,445	1,564,369	1,621,412	1,371,646	848,369	15,261,802	598,001
South Atlantic:							
Florida	547,161	367,855	469,722	494,630	487,343	5,942,989	533,074
Georgia, Maryland, Virginia, West Virginia	563,874	527,055	578,731	525,334	407,762	5,858,189	337,432
Puerto Rico	44,829	27,830	24,808	38,661	38,271	452,693	44,957
South Carolina	273,982	238,389	295,165	272,273	208,858	2,994,797	172,253
District subtotal ³	1,429,846	1,161,129	1,368,426	1,330,898	1,142,234	15,248,669	1,087,716
East South Central:							
Alabama, Kentucky, Tennessee	613,721	577,767	637,695	564,358	433,535	6,503,678	379,253
West South Central:							
Arkansas and Oklahoma	202,882	201,997	243,266	191,899	171,909	2,348,941	201,608
Texas, northern	455,104	443,710	477,552	434,994	330,191	5,153,780	362,111
Texas, southern	513,989	506,609	556,552	508,114	387,509	6,309,989	495,673
District subtotal ³	1,171,975	1,152,316	1,277,370	1,135,007	889,608	13,812,709	1,059,392
Mountain and Pacific:							
Arizona and New Mexico	237,557	211,168	231,127	199,159	192,951	2,452,208	215,348
California	965,290	831,895	889,548	782,937	766,403	9,913,609	830,982
Colorado and Wyoming	336,525	301,632	313,141	275,269	185,945	3,084,210	179,531
Montana, Nevada, Oregon, Utah, Washington	439,811	392,858	456,671	344,736	265,568	4,104,260	257,306
District subtotal ³	1,979,183	1,737,553	1,890,487	1,602,101	1,410,868	19,554,287	1,483,168
U.S. total ³	8,496,350	7,603,432	8,281,031	7,251,024	5,520,921	84,256,880	5,165,047
Imports ⁴	1,204,402	1,122,523	1,140,166	968,593	733,003	11,257,611	586,814
Grand total ³	9,700,752	8,725,955	9,421,198	8,219,618	6,253,924	95,514,490	5,751,861

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

²Includes cement manufactured from imported clinker.

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

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

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

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	981	840	1,686	2,807	3,211	3,181	3,049
Pennsylvania	9,353	8,560	11,285	11,742	14,063	14,979	13,207
District subtotal ³	10,334	9,400	12,972	14,549	17,275	18,161	16,256
East North Central:							
Illinois, Indiana, Ohio	17,657	18,836	20,971	20,755	20,712	21,548	21,758
Michigan	3,505	4,428	5,205	6,415	7,909	8,015	7,093
District subtotal ³	21,162	23,264	26,176	27,170	28,621	29,563	28,851
West North Central:							
Iowa, Kansas, Missouri, Nebraska, South Dakota	2,374	2,928	3,575	3,046	3,065	3,797	2,996
South Atlantic:							
Florida	39,463	35,739	44,163	37,222	42,672	39,052	38,210
Georgia, Maryland, Virginia, West Virginia	21,482	23,375	26,626	23,920	26,378	27,051	25,405
Puerto Rico	--	--	--	--	--	--	--
South Carolina	15,501	16,254	18,869	16,182	17,467	17,614	15,818
District subtotal ³	76,446	75,368	89,657	77,324	86,517	83,718	79,432
East South Central:							
Alabama, Kentucky, Tennessee	18,463	19,073	23,233	19,018	22,322	21,006	21,107
West South Central:							
Arkansas and Oklahoma	7,085	7,313	8,725	7,377	7,683	8,294	7,691
Texas	24,812	24,450	30,617	24,139	26,963	28,709	24,581
District subtotal ³	31,898	31,762	39,343	31,517	34,646	37,003	32,272
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	2,527	2,798	3,842	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 ³	16,054	17,704	31,140	18,918	22,174	23,663	19,100
U.S. total ³	176,730	179,499	226,096	191,542	214,621	216,911	200,014
Imports ⁴	1,179	1,402	1,644	1,857	1,726	1,693	1,875
Grand total ³	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 2017–JANUARY 2018^{1,2}

(Metric tons)

District	2017						2018
	August	September	October	November	December	January–December	January
New England and Middle Atlantic:							
Maine and New York	3,563	2,558	2,962	2,410	1,495	28,745	834
Pennsylvania	14,598	13,043	13,491	11,723	7,853	143,897	6,790
District subtotal ³	18,162	15,601	16,453	14,133	9,348	172,642	7,624
East North Central:							
Illinois, Indiana, Ohio	21,938	22,468	22,044	18,544	14,477	241,708	11,964
Michigan	9,182	7,814	7,547	5,605	3,634	76,351	3,447
District subtotal ³	31,119	30,282	29,591	24,149	18,111	318,059	15,411
West North Central:							
Iowa, Kansas, Missouri, Nebraska, South Dakota	4,172	3,262	3,470	2,888	2,468	38,044	1,663
South Atlantic:							
Florida	43,040	28,714	40,004	37,714	36,075	462,068	43,603
Georgia, Maryland, Virginia, West Virginia	27,868	24,869	28,853	24,569	19,914	300,310	18,818
Puerto Rico	--	--	--	--	--	--	--
South Carolina	16,880	14,813	16,827	15,849	12,605	194,678	13,063
District subtotal ³	87,788	68,395	85,685	78,132	68,594	957,057	75,484
East South Central:							
Alabama, Kentucky, Tennessee	22,199	20,341	22,480	20,259	14,633	244,133	16,050
West South Central:							
Arkansas and Oklahoma	8,567	8,233	8,018	8,119	6,708	93,813	6,139
Texas	25,522	23,976	25,960	25,288	19,302	304,320	23,285
District subtotal ³	34,088	32,209	33,978	33,407	26,010	398,133	29,424
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	3,867	3,069	3,145	3,078	2,642	40,262	3,566
California	21,772	19,146	20,570	18,983	18,808	223,572	17,740
District subtotal ³	25,640	22,215	23,716	22,061	21,449	263,834	21,306
U.S. total ³	223,168	192,305	215,371	195,030	160,613	2,391,901	166,962
Imports ⁴	1,969	1,859	1,633	1,467	1,189	19,494	1,047
Grand total ³	225,138	194,164	217,004	196,497	161,803	2,411,395	168,009

-- Zero.

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

²Includes cement manufactured from imported clinker.

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

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

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

(Metric tons)

Destination	2017						
	January	February	March	April	May	June	July
Alabama	74,709	80,643	100,480	99,506	95,639	90,025	93,295
Alaska	4,265	5,495	6,905	8,997	13,541	16,800	15,715
Arizona	162,149	167,757	188,165	177,255	190,537	197,711	164,480
Arkansas	54,337	60,750	69,789	62,238	74,184	77,078	65,363
California, northern	179,686	169,980	290,767	263,659	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	53,836	69,506	58,904
Tennessee	106,149	119,713	134,989	124,811	136,159	138,846	119,882
Texas, northern	503,469	552,701	689,403	578,459	658,040	627,079	579,804
Texas, southern	589,415	641,030	721,686	604,788	692,081	635,571	637,324
Utah	51,737	66,291	106,469	110,206	142,990	150,193	123,936
Vermont	4,172	3,331	4,114	5,764	9,500	10,470	9,462
Virginia	119,423	146,582	164,715	154,433	163,086	181,564	151,225
Washington	90,315	104,173	129,090	132,617	148,701	144,294	131,564
West Virginia	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	25,811	30,795	30,547
Puerto Rico	23,880	25,417	25,566	22,582	25,261	30,628	24,414
Foreign countries ³	30,715	31,570	48,163	49,755	58,379	64,806	63,841
Total shipments ⁴	5,358,868	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 2017–JANUARY 2018^{1,2}

(Metric tons)

Destination	2017						2018
	August	September	October	November	December	January–December	January
Alabama	99,579	101,342	111,162	111,828	86,587	1,144,795	84,753
Alaska	18,170	16,086	13,267	5,979	6,720	131,940	4,926
Arizona	193,425	173,613	204,000	188,134	182,208	2,189,432	208,590
Arkansas	76,377	73,160	88,834	74,249	56,499	832,858	49,166
California, northern	428,225	364,958	384,411	311,792	316,967	3,741,332	287,965
California, southern	625,231	532,928	588,268	527,892	487,002	6,486,793	501,060
Colorado	253,386	221,395	229,922	210,635	156,235	2,413,644	152,970
Connecticut	69,704	49,890	57,102	54,725	36,110	569,525	24,197
Delaware	7,143	4,859	6,280	9,935	5,345	86,992	3,774
District of Columbia	19,825	18,884	21,881	19,543	16,851	234,991	16,383
Florida	597,316	403,725	530,144	536,888	524,975	6,497,817	566,165
Georgia	277,103	248,369	279,039	267,424	198,511	3,038,610	193,529
Hawaii	28,337	25,706	27,420	24,363	24,468	321,756	26,357
Idaho	54,873	54,036	61,992	49,116	30,023	519,491	26,737
Illinois, excluding Chicago	152,929	153,764	144,442	126,629	72,671	1,303,267	37,845
Illinois, Chicago metropolitan	197,817	158,116	156,917	133,746	86,772	1,595,411	49,775
Indiana	227,974	191,353	202,400	182,119	111,430	1,916,205	61,667
Iowa	229,902	210,286	211,903	195,523	83,045	1,846,976	40,184
Kansas	132,300	113,402	119,419	117,274	80,468	1,256,185	54,487
Kentucky	120,017	93,948	108,318	89,612	73,335	1,107,817	48,019
Louisiana	142,418	169,942	175,086	148,400	102,631	1,715,110	109,404
Maine	27,204	24,039	24,142	20,207	11,120	214,809	6,769
Maryland	115,048	108,201	111,054	103,721	87,201	1,183,726	62,260
Massachusetts	109,169	104,681	90,753	98,592	66,321	999,994	42,577
Michigan	249,938	232,900	228,475	184,770	104,676	2,028,217	57,490
Minnesota	213,341	197,259	203,770	111,529	55,180	1,592,910	41,584
Mississippi	54,300	58,708	64,129	52,086	35,224	615,450	32,067
Missouri	185,029	175,694	183,660	150,816	119,156	1,802,987	64,200
Montana	43,496	38,876	44,066	24,059	13,982	330,635	9,353
Nebraska	115,810	109,256	96,661	112,434	64,642	1,000,083	25,846
Nevada	112,812	101,392	116,610	96,208	87,687	1,278,153	97,238
New Hampshire	23,337	19,554	20,457	17,359	10,121	197,880	6,548
New Jersey	139,296	132,230	141,277	127,847	99,105	1,399,887	67,247
New Mexico	53,338	46,334	51,868	47,341	41,648	531,544	43,225
New York, eastern	50,818	45,621	47,360	42,972	27,536	459,638	17,716
New York, western	92,406	82,391	82,049	59,585	30,192	685,918	17,504
New York, metropolitan	180,269	162,821	173,095	159,423	126,090	1,786,848	90,681
North Carolina	233,563	216,630	242,689	223,454	173,983	2,547,242	144,574
North Dakota	87,127	77,714	81,030	36,650	16,734	560,355	12,079
Ohio	379,674	339,133	355,005	307,697	182,496	3,203,805	117,866
Oklahoma	149,860	130,241	145,230	142,914	117,795	1,694,959	122,680
Oregon	81,916	100,775	107,282	65,261	59,739	912,532	60,657
Pennsylvania, eastern	167,371	154,852	154,319	130,170	95,482	1,536,304	68,497
Pennsylvania, western	127,649	116,484	122,724	96,583	73,348	1,094,210	55,055
Rhode Island	14,519	9,773	10,581	9,562	7,521	116,161	4,083
South Carolina	145,534	125,969	156,800	141,568	111,096	1,643,601	110,623
South Dakota	58,956	61,663	58,531	43,349	18,210	489,419	10,242
Tennessee	138,061	129,676	144,887	136,085	102,639	1,531,896	86,868
Texas, northern	620,907	612,056	660,375	600,834	495,709	7,178,835	576,595
Texas, southern	566,825	582,149	684,348	624,250	452,148	7,431,614	582,344
Utah	159,495	139,174	165,758	135,191	96,211	1,447,650	91,052
Vermont	12,165	11,895	14,578	8,485	4,884	98,821	4,188
Virginia	169,557	160,740	168,640	146,537	127,108	1,853,610	111,118
Washington	149,862	167,030	179,144	137,288	117,907	1,631,984	124,674
West Virginia	47,345	42,727	42,969	34,682	27,572	425,384	23,824
Wisconsin	242,180	207,491	233,997	157,603	76,143	1,817,588	55,876
Wyoming	34,965	27,578	31,496	24,323	16,126	277,492	14,013
Puerto Rico	24,948	16,505	18,133	21,476	21,788	280,598	28,414
Foreign countries ³	63,978	56,216	56,066	41,191	42,047	606,728	23,238
Total shipments ⁴	9,394,118	8,506,192	9,236,212	8,059,907	6,155,419	93,440,414	5,658,822

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

²Includes imported cement and cement manufactured from imported clinker.

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

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

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

(Metric tons)

Destination	2017						
	January	February	March	April	May	June	July
Alabama	1,207	1,253	1,574	1,195	1,321	1,344	1,415
Alaska	--	--	--	--	--	--	--
Arizona	1,442	1,276	1,890	1,462	1,711	1,723	1,374
Arkansas	--	--	--	24	--	--	--
California, northern	425	307	857	890	953	253	--
California, southern	--	--	--	--	--	--	--
Colorado	485	625	883	967	1,318	1,369	5,683
Connecticut	--	24	--	--	44	--	--
Delaware	6,109	7,268	7,408	6,944	8,363	9,436	8,199
District of Columbia	--	--	--	--	--	--	--
Florida	--	--	22	10	22	--	47
Georgia	1,451	1,128	1,515	1,207	1,221	1,425	1,155
Hawaii	--	--	--	--	--	--	--
Idaho	98	92	--	31	158	3,361	5,829
Illinois, excluding Chicago	1,153	643	956	1,300	1,301	1,258	1,861
Illinois, Chicago metropolitan	44	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Iowa	1,148	987	2,856	12,547	14,527	18,727	22,030
Kansas	1,198	2,185	2,618	3,509	4,463	4,239	3,077
Kentucky	--	--	--	--	--	--	--
Louisiana	2,467	4,830	5,311	1,879	1,972	2,535	1,252
Maine	--	--	--	--	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 ⁴	3,122	--	93	3,002	3,095	3,148	442
Total shipments ⁵	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 2017–JANUARY 2018^{1, 2, 3}

(Metric tons)

Destination	2017						2018
	August	September	October	November	December	January–December	January
Alabama	1,570	1,241	1,646	1,433	1,042	16,241	1,070
Alaska	--	--	--	--	--	--	--
Arizona	1,745	2,028	2,528	2,179	1,991	21,351	2,285
Arkansas	--	--	--	3,201	--	3,224	--
California, northern	--	--	--	--	--	3,686	--
California, southern	--	--	--	--	--	--	--
Colorado	4,106	4,634	1,764	4,425	1,211	27,470	855
Connecticut	44	--	--	--	--	112	--
Delaware	9,613	9,045	8,397	7,263	6,169	94,214	4,211
District of Columbia	--	--	--	--	--	--	--
Florida	18	--	23	59	--	200	--
Georgia	1,168	1,004	1,058	1,129	721	14,182	880
Hawaii	--	--	--	--	--	--	--
Idaho	7,345	--	--	--	--	16,913	--
Illinois, excluding Chicago	1,298	1,205	1,782	1,503	1,472	15,732	1,817
Illinois, Chicago metropolitan	--	--	--	--	--	44	13
Indiana	--	--	--	--	--	--	--
Iowa	32,997	13,122	10,635	5,123	2,737	137,435	1,044
Kansas	3,296	2,299	2,616	1,930	804	32,235	499
Kentucky	--	--	--	--	--	--	67
Louisiana	831	2,475	2,690	1,561	711	28,513	2,321
Maine	--	--	--	--	--	5	--
Maryland	443	377	397	419	306	10,757	719
Massachusetts	3,240	6,104	2,609	2,006	608	30,383	445
Michigan	11,290	11,507	12,919	8,363	1,616	77,659	1,599
Minnesota	7,567	5,850	5,750	1,295	550	33,976	335
Mississippi	4,614	4,911	7,640	8,108	6,456	62,968	3,806
Missouri	1,637	1,393	1,236	1,217	836	17,553	600
Montana	24	23	--	--	321	808	160
Nebraska	57,416	57,628	31,367	22,475	6,502	316,797	3,486
Nevada	5,194	4,291	4,331	3,474	1,913	40,432	2,486
New Hampshire	73	76	55	44	--	601	259
New Jersey	835	403	583	1,004	1,149	9,610	1,573
New Mexico	231	325	192	55	133	3,371	83
New York, eastern	471	619	512	363	192	6,620	96
New York, western	2,316	1,500	1,237	938	767	11,099	147
New York, metropolitan	1,849	1,564	1,674	1,241	1,391	14,793	1,131
North Carolina	884	1,237	1,186	885	1,353	9,183	171
North Dakota	207	117	99	--	--	970	57
Ohio	582	444	591	338	608	6,401	314
Oklahoma	594	646	616	587	574	12,164	404
Oregon	16,999	--	--	--	--	37,371	--
Pennsylvania, eastern	17,928	14,293	13,813	12,644	7,760	138,972	3,441
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	1,807
South Dakota	1,437	869	614	138	27	10,146	55
Tennessee	10,209	12,329	8,661	6,836	4,289	77,807	2,458
Texas, northern	6,374	4,326	2,942	4,164	2,680	52,912	5,760
Texas, southern	19,475	16,906	19,034	17,033	11,501	164,041	14,004
Utah	2,257	2,005	1,828	1,578	1,320	22,971	1,390
Vermont	306	--	260	87	38	4,974	--
Virginia	4,928	7,088	7,294	5,884	5,991	53,943	5,304
Washington	27,974	1,429	1,629	359	290	99,554	238
West Virginia	1,918	1,468	1,405	1,974	1,561	18,552	1,666
Wisconsin	4,389	4,248	4,457	2,555	957	32,596	747
Wyoming	--	--	--	--	--	1,523	--
Puerto Rico	24,300	16,782	10,931	19,416	15,716	231,818	23,237
Foreign countries ⁴	3,060	100	3,131	3,000	3,000	25,193	--
Total shipments ⁵	306,634	219,763	184,986	159,711	98,505	2,074,076	93,039

-- Zero.

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

²Includes imported cement and cement manufactured from imported clinker.

³Blended cement defined per ASTM standard C595.

⁴Includes U.S. possessions and territories.

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

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

(Metric tons)

Destination	2017						
	January	February	March	April	May	June	July
Alabama	6,332	6,093	7,531	6,862	7,018	6,596	5,821
Alaska	--	--	--	--	--	--	--
Arizona	2,113	2,239	3,250	3,060	3,273	3,374	2,808
Arkansas	3,681	4,008	4,569	3,804	4,126	4,600	4,103
California, northern	2,321	2,977	3,493	3,182	3,432	4,052	2,578
California, southern	10,916	11,733	23,362	11,607	14,441	14,931	12,814
Colorado	329	357	525	464	472	579	436
Connecticut	593	462	866	1,229	1,404	1,404	1,416
Delaware	271	355	488	314	474	469	425
District of Columbia	--	--	3	--	--	--	--
Florida	40,959	37,240	45,800	38,642	44,100	40,504	39,795
Georgia	12,056	11,453	14,808	12,031	13,199	12,556	12,638
Hawaii	153	113	149	119	155	116	122
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	369	415	633	567	706	744	682
Illinois, Chicago metropolitan	1,037	1,054	1,037	1,266	1,617	1,715	1,557
Indiana	1,988	1,984	2,409	2,832	3,548	2,772	4,854
Iowa	1	--	24	24	--	--	3
Kansas	223	325	670	168	378	339	361
Kentucky	3,348	4,262	4,689	4,508	4,204	4,688	4,329
Louisiana	3,912	3,662	4,672	3,588	4,088	3,671	3,948
Maine	25	14	24	49	100	140	56
Maryland	2,997	2,662	2,540	2,449	2,364	2,997	2,417
Massachusetts	464	374	629	930	851	950	838
Michigan	2,536	3,397	3,748	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 ³	71	40	37	6	104	27	27
Total shipments ⁴	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 2017–JANUARY 2018^{1,2}

(Metric tons)

Destination	2017						2018
	August	September	October	November	December	January–December	January
Alabama	6,807	6,227	7,398	6,570	5,326	78,581	4,999
Alaska	--	--	--	--	--	--	--
Arizona	3,134	2,539	2,350	2,592	2,297	33,028	2,798
Arkansas	5,029	4,248	4,500	4,004	3,180	49,852	2,807
California, northern	4,043	4,332	3,954	3,285	3,279	40,930	2,119
California, southern	17,268	14,576	16,374	15,431	15,287	178,741	15,336
Colorado	545	307	601	282	259	5,156	337
Connecticut	1,650	1,168	1,469	993	644	13,299	357
Delaware	417	455	438	359	386	4,853	230
District of Columbia	--	--	--	6	--	9	--
Florida	44,720	30,172	41,880	39,131	37,626	480,569	45,252
Georgia	13,765	10,629	13,549	12,869	8,900	148,454	10,706
Hawaii	112	108	93	122	103	1,466	127
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	729	738	726	506	280	7,095	266
Illinois, Chicago metropolitan	1,627	1,723	1,589	1,191	1,028	16,442	638
Indiana	3,276	5,804	4,186	3,903	1,989	39,545	3,035
Iowa	284	5	3	--	--	344	3
Kansas	434	409	429	258	249	4,242	210
Kentucky	4,563	4,175	4,655	3,727	3,636	50,783	1,919
Louisiana	3,755	3,927	4,445	4,174	2,675	46,518	3,397
Maine	72	34	73	31	15	633	12
Maryland	2,559	2,531	2,909	2,260	1,878	30,564	1,886
Massachusetts	1,011	777	855	628	376	8,682	278
Michigan	6,439	5,558	5,307	4,260	2,855	55,304	2,718
Minnesota	58	38	111	49	20	698	34
Mississippi	3,357	2,928	3,511	3,108	2,340	36,452	2,067
Missouri	1,115	1,121	1,129	904	757	10,429	634
Montana	--	36	65	15	--	244	37
Nebraska	50	--	2	--	49	247	--
Nevada	461	239	242	267	241	3,885	285
New Hampshire	710	517	552	484	454	5,674	29
New Jersey	3,773	3,654	3,739	3,235	2,162	37,764	1,756
New Mexico	243	305	174	230	107	2,503	451
New York, eastern	740	591	562	655	306	6,470	227
New York, western	1,207	965	875	698	367	10,024	523
New York, metropolitan	4,920	4,327	4,292	4,240	2,447	46,859	1,969
North Carolina	14,645	13,650	14,331	12,997	10,749	165,871	10,218
North Dakota	136	160	185	45	23	1,254	23
Ohio	7,649	6,430	6,716	5,561	4,168	68,995	3,012
Oklahoma	1,940	2,488	1,734	2,529	2,253	26,594	2,175
Oregon	--	--	--	--	--	28	--
Pennsylvania, eastern	3,684	3,006	3,372	2,761	1,901	39,326	1,586
Pennsylvania, western	2,186	2,134	2,165	1,541	1,255	22,612	858
Rhode Island	49	34	55	33	29	464	9
South Carolina	5,918	5,664	6,084	6,280	4,615	71,150	5,328
South Dakota	--	--	--	--	--	--	--
Tennessee	13,838	11,274	13,425	11,376	9,071	144,065	7,668
Texas, northern	11,010	10,307	10,816	10,595	8,674	123,855	9,785
Texas, southern	17,138	16,840	17,372	16,778	12,406	206,796	15,369
Utah	--	--	--	--	--	--	--
Vermont	6	16	32	20	5	253	5
Virginia	5,721	5,160	5,856	4,484	4,426	65,600	3,641
Washington	--	--	--	--	--	5	60
West Virginia	840	689	768	548	395	7,811	361
Wisconsin	1,472	1,112	1,051	455	297	9,947	445
Wyoming	--	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--	--
Foreign countries ³	33	33	5	25	20	429	24
Total shipments ⁴	225,138	194,164	217,004	196,497	161,803	2,411,395	168,009

-- 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 JANUARY (2013–2018)¹

(Thousand metric tons)

Destination	2013	2014	2015	2016	2017	5-Year average	2018	Percent rate of change to current year from	
								2017	5-Year average
Alabama	74	52	72	73	76	69	86	13.0	23.7
Alaska	8	8	9	5	4	7	5	15.5	-28.4
Arizona	143	150	164	137 ²	164 ²	151	211	28.9	39.2
Arkansas	50	48	60	56	54	54	49	-9.5	-8.7
California, northern	199	237	270	178	180	213	288	59.9	35.4
California, southern	359	439	460	398	343	400	501	46.1	25.3
Colorado	99	118	123	118	122	116	154	26.1	32.8
Connecticut	33	21	21	31	29	27	24	-17.4	-10.5
Delaware	11	8	9	12	11	10	8	-28.4	-21.6
District of Columbia	15	11	13	18	13 ²	14	16	22.9	17.1
Florida	359	421	441	484	549 ²	451	566	3.2	25.6
Georgia	130	112	170	177	221	162	194	-12.0	20.2
Hawaii	21	26	32	31	26	27	26	1.3	-3.3
Idaho	10	17	17	21	8	15	27	221.3	82.7
Illinois, excluding Chicago	43	33	53	47	48	45	40	-17.4	-11.5
Illinois, Chicago metropolitan	41	33	64	47	71 ²	51	50	-29.5	-2.6
Indiana	61	34	67	62	79	61	62	-21.6	1.6
Iowa	28	28	39	40	39	35	41	6.8	18.2
Kansas	62	65	69	60	65	64	55	-15.8	-14.6
Kentucky	52	30	58	52	59	50	48	-18.5	-4.2
Louisiana	134	137	154	168 ²	126	144	112	-11.0	-22.4
Maine	6	6	5	8	9	7	7	-23.0	0.4
Maryland	67	51	54	63	71	61	63	-11.3	2.9
Massachusetts	44	40	41	53	58	47	43	-25.9	-8.9
Michigan	41	30	43	56	63	47	59	-6.4	26.9
Minnesota	32	32	45	44	43	39	42	-2.1	7.1
Mississippi	46	44	48	46	45	46	36	-19.7	-21.3
Missouri	66	51	80	79	87	72	65	-25.7	-10.5
Montana	7	11	8	10	7	9	10	39.6	11.5
Nebraska	32	29	37	31	25	31	29	19.5	-4.9
Nevada	76	78	90	87 ²	96 ²	85	100	4.3	16.8
New Hampshire	8	7	6	8	10	8	7	-30.1	-12.1
New Jersey	74	60	73	72	84	73	69	-18.2	-5.1
New Mexico	38	43	38	28	29	35	43	47.9	22.6
New York, eastern	22	15	22	23	24	21	18	-25.8	-16.1
New York, western	24	16	17	19	29	21	18	-39.6	-16.7
New York, metropolitan	77	50	68	97	104	79	92	-11.7	15.9
North Carolina	137	106	132	144	170	138	145	-14.7	5.1
North Dakota	26	27	28	19	10	22	12	22.2	-44.6
Ohio	104	69	100	101	125	100	118	-5.8	18.4
Oklahoma	131	133	128	117	110	124	123	12.3	-0.5
Oregon	39	52	51	47	49	47	61	23.3	27.8
Pennsylvania, eastern	80	65	72	75	87	76	72	-17.5	-5.0
Pennsylvania, western	46	37	47	44	50 ²	45	55	9.3	22.6
Rhode Island	6	3	3	5	6	5	4	-30.8	-14.2
South Carolina	95	69	87	103	112	93	112	0.7	20.4
South Dakota	10	8	10	8	10	9	10	4.8	13.7
Tennessee	74	58	91	84 ²	110	84	89	-18.5	6.9
Texas, northern	429	498	464	484	508 ²	477	582	14.6	22.2
Texas, southern	541	610	626	654	593	605	596	0.6	-1.4
Utah	42	64	65	62	54	57	92	72.6	61.1
Vermont	3	4	3	5	4	4	4	-3.1	11.0
Virginia	106	83	100	104	120 ²	103	116	-3.2	13.2
Washington	95	111	121	109	92	106	125	35.6	18.3
West Virginia	28	21	28	20	24 ²	24	25	8.4	6.6
Wisconsin	36	31	42	45	53	41	57	6.5	36.8
Wyoming	15	15	15	12	10	14	14	37.5	3.5
Puerto Rico	62	53	44	39	41	48	52	26.6	8.0
Foreign countries	92	70	69	46	34	62	23	-31.3	-62.6
Total ³	4,788	4,779	5,366	5,267 ²	5,441 ²	5,128	5,752	5.7	12.2

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

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

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

TABLE 4
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2017–JANUARY 2018¹

(Metric tons)

District	2017						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	62,813	34,677	35,074	81,350	70,640	152,246	154,227
Pennsylvania	216,313	88,152	218,377	336,856	386,684	283,214	348,754
District subtotal ²	279,125	122,829	253,450	418,206	457,324	435,460	502,981
East North Central:							
Illinois	91,332	96,472	130,058	69,247	91,582	100,481	133,304
Indiana, Ohio	171,092	201,846	281,718	267,188	327,778	330,144	321,449
Michigan	209,338	190,377	264,570	89,628	189,204	285,815	274,490
District subtotal ²	471,762	488,695	676,345	426,064	608,564	716,439	729,243
West North Central:							
Iowa, Nebraska, South Dakota	274,456	275,219	163,492	201,169	291,707	275,938	283,862
Kansas	118,734	74,424	221,828	225,503	199,137	136,849	195,280
Missouri	375,709	563,205	730,790	564,068	863,419	847,573	746,703
District subtotal ²	768,899	912,848	1,116,110	990,739	1,354,263	1,260,360	1,225,845
South Atlantic:							
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 ²	779,351	1,013,271	1,272,958	1,354,424	1,346,882	1,347,077	1,334,221
East South Central:							
Alabama, Kentucky, Tennessee	424,865	230,421	541,696	561,695	628,288	483,343	552,010
West South Central:							
Arkansas and Oklahoma	156,624	151,192	125,664	171,027	184,001	205,425	188,409
Texas, northern	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 ²	789,967	946,443	1,036,603	987,032	1,085,095	1,077,061	1,251,577
Mountain and Pacific:							
Arizona and New Mexico	167,338	185,316	150,456	212,655	223,701	75,994	221,194
California	602,715	647,616	619,179	713,759	793,846	894,526	866,849
Colorado and Wyoming	88,058	218,982	305,523	151,199	273,248	248,802	211,148
Montana, Nevada, Oregon, Utah, Washington	212,476	199,817	242,540	327,513	319,512	280,865	326,090
District subtotal ²	1,070,586	1,251,730	1,317,697	1,405,125	1,610,307	1,500,187	1,625,282
Grand total ²	4,584,555	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 2017–JANUARY 2018¹

(Metric tons)

District	2017						2018
	August	September	October	November	December	January–December	January
New England and Middle Atlantic:							
Maine and New York	184,941	162,986	178,812	121,906	179,261	1,418,931	56,333
Pennsylvania	310,777	307,094	366,247	319,715	246,494	3,428,676	159,520
District subtotal ²	495,719	470,080	545,059	441,620	425,755	4,847,607	215,853
East North Central:							
Illinois	123,918	123,527	130,576	83,456	134,037	1,307,989	111,671
Indiana, Ohio	307,006	297,598	244,800	294,267	279,583	3,324,468	183,218
Michigan	292,944	274,332	256,042	257,552	231,211	2,815,502	155,189
District subtotal ²	723,867	695,457	631,418	635,275	644,830	7,447,960	450,078
West North Central:							
Iowa, Nebraska, South Dakota	284,195	248,181	286,905	289,925	286,128	3,161,178	254,554
Kansas	217,661	169,979	128,155	165,872	209,700	2,063,122	202,959
Missouri	764,452	846,869	828,636	789,449	585,822	8,506,695	361,174
District subtotal ²	1,266,308	1,265,030	1,243,697	1,245,246	1,081,650	13,730,994	818,687
South Atlantic:							
Florida	476,247	331,011	464,564	492,484	529,313	5,768,630	525,659
Georgia, Maryland, Virginia, West Virginia	473,507	529,924	506,291	450,394	464,704	5,457,248	170,367
Puerto Rico	34,166	1,787	1,754	38,497	38,088	442,352	18,859
South Carolina	283,503	187,904	209,996	257,201	238,155	2,789,445	122,611
District subtotal ²	1,267,424	1,050,626	1,182,605	1,238,576	1,270,259	14,457,676	837,496
East South Central:							
Alabama, Kentucky, Tennessee	568,976	494,918	583,684	573,905	541,130	6,184,931	343,467
West South Central:							
Arkansas and Oklahoma	207,840	199,204	191,218	221,378	175,445	2,177,426	176,490
Texas, northern	405,415	369,325	315,064	378,329	412,235	4,645,908	244,380
Texas, southern	375,333	438,967	526,591	447,953	467,990	5,482,729	366,682
District subtotal ²	988,588	1,007,496	1,032,873	1,047,659	1,055,670	12,306,063	787,553
Mountain and Pacific:							
Arizona and New Mexico	218,750	237,233	169,286	192,009	230,784	2,284,716	176,802
California	868,642	726,487	876,749	819,897	851,392	9,281,657	639,058
Colorado and Wyoming	302,161	291,193	195,783	288,575	248,922	2,823,592	209,433
Montana, Nevada, Oregon, Utah, Washington	333,118	364,499	311,598	310,822	269,631	3,498,481	284,662
District subtotal ²	1,722,672	1,619,411	1,553,416	1,611,303	1,600,730	17,888,447	1,309,955
Grand total ²	7,033,552	6,603,019	6,772,752	6,793,585	6,620,024	76,863,677	4,763,089

-- 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.

TABLE 5

HYDRAULIC CEMENT AND CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT AND COUNTRY OR LOCALITY, JANUARY 2018¹

(Metric tons, unless otherwise specified)

Customs district	Bulgaria	Canada	China	Croatia	Denmark	Egypt	France	Germany	Greece	Japan	Korea, Republic of
Anchorage, AK	--	555	--	--	--	--	--	--	--	--	--
Baltimore, MD	--	--	110	--	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--	--	--	--	--
Buffalo, NY	--	29,888	--	--	--	--	--	--	--	--	--
Chicago, IL	--	--	--	--	--	--	20	--	--	16	--
Cleveland, OH	--	--	--	--	--	--	--	--	--	--	33
Columbia-Snake, ID OR WA	--	--	--	--	--	--	--	--	--	--	31,800
Detroit, MI ³	--	55,630	12	--	--	--	--	--	--	--	--
El Paso, TX ⁴	--	--	101	--	--	--	--	--	--	--	--
Great Falls, MT	--	108	--	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--	--	--	--	--
Houston-Galveston, TX	--	--	--	--	--	3,530	--	--	42,350	--	--
Laredo, TX	--	--	--	--	--	--	--	--	--	--	--
Los Angeles, CA	--	--	1,133	--	--	3,020	--	--	--	--	--
Miami, FL	--	--	--	--	--	1,512	--	--	--	--	--
New Orleans, LA	--	--	--	3,905	--	--	--	--	--	--	--
New York City, NY	--	--	--	--	--	--	--	--	82,910	--	--
Norfolk, VA	31,000	--	184	--	--	--	14,066	12	--	--	--
Ogdensburg, NY	--	13,838	--	--	--	--	--	--	--	--	--
Pembina, ND	--	2,867	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	--	45	902	--	2,100	--	--	43,200	--	--
Portland, ME	--	669	--	--	--	--	--	--	--	--	--
Providence, RI	--	23,145	--	--	--	--	--	--	--	--	--
San Diego, CA	--	--	--	--	--	--	--	--	--	--	--
San Francisco, CA	--	--	32,627	--	--	1,100	--	--	--	--	--
San Juan, PR	--	--	20	--	--	--	--	--	--	--	--
Savannah, GA	--	--	--	--	--	540	--	--	--	--	--
Seattle, WA ³	--	75,737	30,500	--	--	--	--	--	--	--	--
St. Albans, VT	--	4,669	--	--	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	26,005	--	--	--	--	--	--
Total:											
Quantity ^{3,4}	31,000	207,106	64,732	4,807	26,005	11,802	14,086	12	168,460	16	31,833
Value ^{2,3,4}	\$2,770,577	\$20,825,689	\$4,482,667	\$2,093,506	\$3,482,979	\$1,736,225	\$5,730,949	\$8,253	\$9,045,012	\$28,738	\$1,766,498

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, JANUARY 2018¹

(Metric tons, unless otherwise specified)

Customs district	Mexico	Netherlands	Poland	Portugal	Spain	Sweden	Taiwan	Thailand	Turkey	United Kingdom
Anchorage, AK	--	--	--	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	--	54	--	--	--	--
Boston, MA	--	18	--	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--	--	--	--
Chicago, IL	--	2	--	--	--	--	--	--	--	--
Cleveland, OH	--	37	84	--	--	--	--	--	--	57
Columbia-Snake, ID OR WA	--	--	--	--	--	--	--	--	--	--
Detroit, MI ³	--	19	--	--	--	--	--	--	--	--
El Paso, TX ⁴	19,818	--	--	--	--	--	--	--	--	--
Great Falls, MT	--	--	--	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	39,000	--	--	--
Houston-Galveston, TX	12,560	--	192	--	--	--	--	--	49,122	--
Laredo, TX	12,302	--	21	--	16,874	--	--	--	--	--
Los Angeles, CA	--	--	--	--	--	--	42	752	1,496	--
Miami, FL	--	--	--	--	12,500	27,337	--	--	3,473	--
New Orleans, LA	--	--	--	--	--	--	--	--	54	--
New York City, NY	--	--	--	--	68	--	--	--	10,000	--
Norfolk, VA	--	--	--	--	--	--	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	39	--	--	--	--	--	--	1,620	13
Portland, ME	--	--	--	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--	--	17,500	--
San Diego, CA	313	--	--	--	--	--	--	--	--	--
San Francisco, CA	--	--	--	--	--	--	--	648	272	--
San Juan, PR	1,351	--	--	3,501	--	--	--	--	--	--
Savannah, GA	--	19	210	--	--	--	--	--	1,080	--
Seattle, WA ³	--	--	21	--	--	--	--	--	--	38
St. Albans, VT	--	--	--	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	--	--	--	--
Total:										
Quantity ^{3,4}	46,344	134	528	3,501	29,442	27,391	39,042	1,400	84,617	108
Value ^{2,3,4}	\$5,222,883	\$158,961	\$526,537	\$558,760	\$3,175,294	\$1,977,163	\$2,773,045	\$266,431	\$6,588,318	\$68,485

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, JANUARY 2018¹

(Metric tons, unless otherwise specified)

Customs district	Total	January	Country or locality	January	
				Quantity	Value ²
Anchorage, AK	555	555	Bulgaria	31,000	\$2,770,577
Baltimore, MD	164	164	Canada ³	207,106	20,825,689
Boston, MA	18	18	China ⁵	64,732	4,482,667
Buffalo, NY	29,888	29,888	Croatia	4,807	2,093,506
Chicago, IL	38	38	Denmark	26,005	3,482,979
Cleveland, OH	211	211	Egypt	11,802	1,736,225
Columbia-Snake, ID OR WA	31,800	31,800	France	14,086	5,730,949
Detroit, MI ³	55,661	55,661	Germany	12	8,253
El Paso, TX ⁴	19,919	19,919	Greece	168,460	9,045,012
Great Falls, MT	108	108	Japan	16	28,738
Honolulu, HI	39,000	39,000	Korea, Republic of	31,833	1,766,498
Houston-Galveston, TX	107,754	107,754	Mexico ⁴	46,344	5,222,883
Laredo, TX	29,197	29,197	Netherlands	134	158,961
Los Angeles, CA	6,443	6,443	Poland	528	526,537
Miami, FL	44,822	44,822	Portugal	3,501	558,760
New Orleans, LA	3,959	3,959	Spain	29,442	3,175,294
New York City, NY	92,978	92,978	Sweden	27,391	1,977,163
Norfolk, VA	45,262	45,262	Taiwan	39,042	2,773,045
Ogdensburg, NY	13,838	13,838	Thailand	1,400	266,431
Pembina, ND	2,867	2,867	Turkey	84,617	6,588,318
Philadelphia, PA	47,919	47,919	United Kingdom	108	68,485
Portland, ME	669	669	Total ^{2,3,4}	792,366	73,286,970
Providence, RI	40,645	40,645			
San Diego, CA	313	313			
San Francisco, CA	34,647	34,647			
San Juan, PR	4,872	4,872			
Savannah, GA	1,849	1,849			
Seattle, WA ³	106,296	106,296			
St. Albans, VT	4,669	4,669			
Tampa, FL	26,005	26,005			
Total:					
Quantity ^{3,4}	792,366	792,366			
Value ^{2,3,4}	\$73,286,970	\$73,286,970			

¹Includes white cement and clinker.

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

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

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

Source: U.S. Census Bureau.

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

(Metric tons, unless otherwise specified)

Customs district	Canada	China	Denmark	Egypt	Mexico	Portugal	Spain	Taiwan	Thailand	Turkey
Buffalo, NY	6,857	--	--	--	--	--	--	--	--	--
Detroit, MI	15,760	--	--	--	--	--	--	--	--	--
El Paso, TX	--	--	--	--	1,988	--	--	--	--	--
Houston-Galveston, TX	--	--	--	3,530	--	--	--	--	--	1,072
Laredo, TX	--	--	--	--	12,302	--	--	--	--	--
Los Angeles, CA	--	1,080	--	3,020	--	--	--	42	752	1,496
Miami, FL	--	--	--	1,512	--	--	12,500	--	--	3,473
New Orleans, LA	--	--	--	--	--	--	--	--	--	54
New York City, NY	--	--	--	--	--	--	68	--	--	--
Ogdensburg, NY	235	--	--	--	--	--	--	--	--	--
Philadelphia, PA	--	--	--	2,100	--	--	--	--	--	1,620
San Diego, CA	--	--	--	--	313	--	--	--	--	--
San Francisco, CA	--	864	--	1,100	--	--	--	--	648	272
San Juan, PR	--	--	--	--	1,351	3,501	--	--	--	--
Savannah, GA	--	--	--	540	--	--	--	--	--	1,080
Seattle, WA	20	162	--	--	--	--	--	--	--	--
Tampa, FL	--	--	26,005	--	--	--	--	--	--	--
Total:										
Quantity	22,872	2,106	26,005	11,802	15,954	3,501	12,568	42	1,400	9,067
Value ³	\$3,091,225	\$299,492	\$3,482,979	\$1,736,225	\$2,445,490	\$558,760	\$1,687,692	\$7,945	\$266,431	\$1,529,793

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, JANUARY 2018^{1,2}

(Metric tons, unless otherwise specified)

Customs district	Total	January	Country or locality	January	
				Quantity	Value ³
Buffalo, NY	6,857	6,857	Canada	22,872	\$3,091,225
Detroit, MI	15,760	15,760	China	2,106	299,492
El Paso, TX	1,988	1,988	Denmark	26,005	3,482,979
Houston–Galveston, TX	4,602	4,602	Egypt	11,802	1,736,225
Laredo, TX	12,302	12,302	Mexico	15,954	2,445,490
Los Angeles, CA	6,390	6,390	Portugal	3,501	558,760
Miami, FL	17,485	17,485	Spain	12,568	1,687,692
New Orleans, LA	54	54	Taiwan	42	7,945
New York City, NY	68	68	Thailand	1,400	266,431
Ogdensburg, NY	235	235	Turkey	9,067	1,529,793
Philadelphia, PA	3,720	3,720	Total	105,317	15,106,032
San Diego, CA	313	313			
San Francisco, CA	2,884	2,884			
San Juan, PR	4,852	4,852			
Savannah, GA	1,620	1,620			
Seattle, WA	182	182			
Tampa, FL	26,005	26,005			
Total:					
Quantity	105,317	105,317			
Value ³	\$15,106,032	\$15,106,032			

-- 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, JANUARY 2018¹

(Metric tons, unless otherwise specified)

Customs district	Canada	France	Germany	Total	January	Country or locality	January	
							Quantity	Value ²
Detroit, MI ³	26,059	--	--	26,059	26,059	Canada ³	26,059	\$2,034,762
Norfolk, VA	--	14,023	12	14,035	14,035	France	14,023	5,666,160
Total:						Germany	12	8,253
Quantity	26,059	14,023	12	40,094	40,094	Total	40,094	7,709,175
Value ²	\$2,034,762	\$5,666,160	\$8,253	\$7,709,175	\$7,709,175			

-- 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.