

Mineral Industry Surveys

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CEMENT IN DECEMBER 2021

This report provides monthly data on the shipments of cement to final customers and the production of clinker in the United States from January 2020 through December 2021. Data on the imports of cement and clinker for December 2021 also are provided.

Total shipments of portland and blended cement, including imports, in the United States and Puerto Rico in December 2021 were an estimated 8.0 million metric tons (Mt), a 5.4% increase from shipments in December 2020 (tables 2A and 2B). Shipments for the year through December totaled an estimated 107 Mt, a 4.2% increase from those for the same period in 2020. The leading producing States for portland and blended cement in December 2021 were, in descending order, Texas, Missouri, California, Florida, and Alabama (table 1A). The leading cement-consuming States (Texas, Florida, California, Georgia, and North Carolina) received 42% of December shipments (tables 2A and 2B).

Masonry cement shipments totaled an estimated 189,000 metric tons in December 2021, a 4.2% increase from those in December 2020 (table 2C). Shipments for the year through December totaled an estimated 2.4 Mt, a slight increase from those for the same period in 2020. The leading masonry-cement-consuming States in December 2021 were, in descending order, Florida, Texas, Tennessee, North Carolina, Georgia, and California; these States received 65% of December shipments (table 2C).

Clinker production, excluding Puerto Rico, totaled an estimated 7.0 Mt in December 2021, a 3.2% decrease from production in December 2020 (table 4). Production for the year

through December totaled an estimated 79.2 Mt, essentially unchanged from the same period in 2020. The leading clinker-producing States in December 2021 were, in descending order, Texas, Missouri, California, Florida, and Pennsylvania; these states accounted for 50% of December clinker production (table 4).

Tables 5, 6, and 7 list import data from the U.S. Census Bureau; however, data for clinker imports into the Seattle, WA, and the Detroit, MI, customs districts do not include material trucked in from Canada on an informal-entry basis. Likewise, reported imports of cement into the El Paso, TX, district may be missing significant informal entries from Mexico. Monthly imports can show significant year-over-year changes for a variety of reasons and commonly do not correlate well with consumption levels in the respective import districts in the same month. December 2021 imports of cement and clinker, including Puerto Rico, totaled 1.61 Mt, a 15% increase from imports in December 2020. Imports for the year through December totaled 22.1 Mt, an increase of 29% from those for the same period in 2020.

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TABLE 1A
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

District	2020						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	122,891	97,891	129,897	98,796	136,397	177,981	171,242
Pennsylvania	250,025	215,902	270,300	194,989	300,398	383,231	369,159
District subtotal ³	372,916	313,792	400,197	293,785	436,795	561,212	540,401
East North Central:							
Illinois	63,112	53,518	87,792	111,928	123,589	138,741	133,532
Indiana, Ohio	198,140	167,297	236,685	296,953	290,449	393,456	356,449
Michigan	155,099	124,836	177,444	229,891	370,721	473,247	461,867
District subtotal ³	416,351	345,651	501,921	638,773	784,759	1,005,445	951,848
West North Central:							
Iowa, Nebraska, South Dakota	107,742	99,280	156,149	252,131	332,409	416,629	402,688
Kansas	127,389	132,737	166,086	219,551	178,592	234,543	216,461
Missouri	531,269	523,716	729,088	892,240	950,682	1,088,599	1,065,919
District subtotal ³	766,400	755,733	1,051,323	1,363,922	1,461,682	1,739,771	1,685,068
South Atlantic:							
Florida	563,175	506,012	532,693	489,666	505,821	551,105	565,371
Georgia, Maryland, Virginia, West Virginia	423,682	375,497	484,395	464,999	489,935	604,697	580,813
Puerto Rico	37,111	47,470	22,969	20,110	53,647	70,362	62,675
South Carolina	246,994	195,101	316,779	291,558	226,252	291,299	291,801
District subtotal ³	1,270,962	1,124,081	1,356,836	1,266,333	1,275,655	1,517,462	1,500,660
East South Central:							
Alabama, Kentucky, Tennessee	490,772	407,391	565,093	637,893	606,849	674,273	634,032
West South Central:							
Arkansas and Oklahoma	156,361	166,128	199,993	208,265	194,245	215,216	217,141
Texas, northern	418,613	387,342	454,039	475,122	361,672	398,887	432,951
Texas, southern	576,978	554,159	559,081	574,340	529,029	556,155	583,037
District subtotal ³	1,151,951	1,107,630	1,213,113	1,257,727	1,084,947	1,170,258	1,233,129
Mountain and Pacific:							
Arizona and New Mexico	217,753	218,788	229,975	261,418	244,672	257,842	242,694
California	836,638	792,632	754,295	764,903	897,888	991,172	931,089
Colorado and Wyoming	199,545	142,604	229,214	269,162	355,459	362,917	335,718
Montana, Nevada, Oregon, Utah, Washington	239,144	239,079	317,890	365,844	413,692	453,872	442,781
District subtotal ³	1,493,080	1,393,102	1,531,374	1,661,327	1,911,710	2,065,802	1,952,282
U.S. total ³	5,962,432	5,447,380	6,619,857	7,119,761	7,562,398	8,734,223	8,497,420
Imports ⁴	886,406	944,827	1,156,884	980,231	1,114,586	1,365,596	1,353,883
Grand total ³	6,848,837	6,392,208	7,776,740	8,099,992	8,676,984	#####	9,851,303

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

District	2020					
	August	September	October	November	December	January–December ³
New England and Middle Atlantic:						
Maine and New York	173,586	178,151	177,004	148,020	114,596	1,726,451
Pennsylvania	353,418	350,034	359,907	309,213	248,236	3,604,812
District subtotal ³	527,004	528,185	536,911	457,233	362,831	5,331,263
East North Central:						
Illinois	132,971	120,137	122,116	97,323	75,742	1,260,501
Indiana, Ohio	367,313	361,800	372,130	310,852	235,402	3,586,926
Michigan	435,164	451,445	458,191	338,870	202,714	3,879,488
District subtotal ³	935,447	933,382	952,437	747,045	513,858	8,726,916
West North Central:						
Iowa, Nebraska, South Dakota	418,992	380,149	371,740	240,105	157,866	3,335,881
Kansas	233,801	226,626	229,070	210,200	181,835	2,356,890
Missouri	1,060,631	989,910	1,056,940	935,610	740,671	10,565,276
District subtotal ³	1,713,425	1,596,684	1,657,750	1,385,915	1,080,373	16,258,047
South Atlantic:						
Florida	541,914	524,424	544,681	480,103	559,839	6,364,805
Georgia, Maryland, Virginia, West Virginia	526,262	552,938	614,409	510,834	420,254	6,048,717
Puerto Rico	61,056	62,045	60,507	55,883	61,992	615,827
South Carolina	265,891	276,357	312,399	246,367	213,460	3,174,257
District subtotal ³	1,395,124	1,415,764	1,531,996	1,293,186	1,255,545	16,203,605
East South Central:						
Alabama, Kentucky, Tennessee	592,663	584,386	681,293	626,418	550,448	7,051,513
West South Central:						
Arkansas and Oklahoma	204,195	191,713	217,269	209,792	175,368	2,355,687
Texas, northern	475,201	383,135	467,669	465,077	421,630	5,141,339
Texas, southern	573,580	499,148	598,426	561,852	551,458	6,717,244
District subtotal ³	1,252,976	1,073,996	1,283,364	1,236,721	1,148,456	14,214,269
Mountain and Pacific:						
Arizona and New Mexico	282,899	276,398	277,465	230,637	207,836	2,948,378
California	831,884	855,352	919,314	849,430	862,360	10,286,955
Colorado and Wyoming	320,273	316,216	316,749	272,820	199,836	3,320,513
Montana, Nevada, Oregon, Utah, Washington	446,709	439,471	445,094	329,956	298,709	4,432,239
District subtotal ³	1,881,765	1,887,438	1,958,622	1,682,843	1,568,740	20,988,085
U.S. total ³	8,298,405	8,019,834	8,602,373	7,429,362	6,480,251	88,773,697
Imports ⁴	1,320,069	1,341,008	1,352,071	1,162,458	1,063,615	14,041,635
Grand total ³	9,618,474	9,360,842	9,954,444	8,591,821	7,543,866	102,815,332

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

District	2021						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	98,620	69,289	141,626	177,524	193,034	197,238	178,106
Pennsylvania	248,382	139,226	328,466	366,130	362,462	377,813	353,459
District subtotal ³	347,002	208,515	470,092	543,654	555,496	575,052	531,565
East North Central:							
Illinois	58,915	40,299	74,137	120,721	139,251	137,586	146,768
Indiana, Ohio	177,421	114,696	281,533	332,602	341,699	365,314	360,935
Michigan	139,907	103,103	195,672	346,662	407,590	471,932	458,147
District subtotal ³	376,243	258,099	551,342	799,985	888,540	974,833	965,851
West North Central:							
Iowa, Nebraska, South Dakota	95,351	70,277	150,245	276,346	345,001	454,857	424,411
Kansas	141,836	88,817	202,359	243,315	224,315	243,729	258,597
Missouri	615,022	411,191	871,420	1,027,430	922,159	1,052,776	979,134
District subtotal ³	852,208	570,284	1,224,024	1,547,091	1,491,474	1,751,362	1,662,141
South Atlantic:							
Florida	537,404	493,636	571,858	570,829	546,130	600,001	552,769
Georgia, Maryland, Virginia, West Virginia	410,890	315,649	595,132	626,850	559,474	582,004	524,747
Puerto Rico	25,273	27,569	33,988	29,003	28,004	26,496	27,351
South Carolina	206,592	200,687	297,629	308,603	270,539	289,396	258,944
District subtotal ³	1,180,159	1,037,541	1,498,607	1,535,285	1,404,147	1,497,898	1,363,811
East South Central:							
Alabama, Kentucky, Tennessee ^c	529,520	479,363	666,003	732,576	620,996	670,854	650,588
West South Central:							
Arkansas and Oklahoma	191,330	124,390	256,872	234,719	210,596	213,469	227,080
Texas, northern	388,848	283,096	428,844	432,264	329,448	406,003 ^e	444,130 ^e
Texas, southern	523,450	396,260	660,968	555,565	431,646	488,361 ^e	490,680 ^e
District subtotal ³	1,103,628	803,746	1,346,685	1,222,548	971,689	1,107,833 ^e	1,161,890 ^e
Mountain and Pacific:							
Arizona and New Mexico	193,678	255,698	317,154	275,508	266,670	292,849	243,659
California	694,923	795,358	900,203	926,540	920,728	979,750	869,410
Colorado and Wyoming	174,883	147,652	204,716	258,522 ^r	257,727	320,741	320,248
Montana, Nevada, Oregon, Utah, Washington	275,750	252,904	376,503	380,201	378,396	396,520	384,978
District subtotal ³	1,339,233	1,451,613	1,798,576	1,840,771 ^r	1,823,520	1,989,859	1,818,295
U.S. total ^{e,3}	5,727,994	4,809,160	7,555,330	8,221,910 ^r	7,755,863	8,567,690	8,154,141
Imports ⁴	966,872	911,998	1,451,033	1,468,163	1,422,253	1,529,674	1,511,207
Grand total ^{e,3}	6,694,866	5,721,158	9,006,363	9,690,073 ^r	9,178,117	10,097,364	9,665,349

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

District	2021					
	August	September	October	November	December	January–December ³
New England and Middle Atlantic:						
Maine and New York	196,245	195,048	216,584	191,617 ^e	158,537 ^e	2,013,469 ^e
Pennsylvania	370,775	347,625	376,856 ^r	331,323 ^r	303,947 ^e	3,906,464 ^e
District subtotal ³	567,020	542,673	593,440 ^r	522,940 ^r	462,484 ^e	5,919,934 ^e
East North Central:						
Illinois	141,456	126,360	104,342	104,102 ^r	102,088	1,296,026
Indiana, Ohio	370,495	361,112	370,608	348,322 ^e	241,112 ^e	3,665,850 ^e
Michigan	482,741	465,255	458,356	376,577	215,097	4,121,040
District subtotal ³	994,693	952,727	933,305	829,001 ^{r,e}	558,298 ^e	9,082,916 ^e
West North Central:						
Iowa, Nebraska, South Dakota	462,979	449,652	410,449	317,018 ^e	207,657 ^e	3,664,243 ^e
Kansas	260,352	244,158	224,943	233,987	189,098	2,555,506
Missouri	1,046,656	1,006,863	961,548	1,029,838	834,877	10,758,913
District subtotal ³	1,769,987	1,700,673	1,596,940	1,580,844 ^e	1,231,632 ^e	16,978,662 ^e
South Atlantic:						
Florida	576,383	580,056	610,058 ^r	600,578 ^r	617,856	6,857,557
Georgia, Maryland, Virginia, West Virginia	507,233	491,015	542,714	545,070 ^e	480,940 ^e	6,181,720 ^e
Puerto Rico	25,457	24,991	24,967	27,025	25,724	325,847
South Carolina	262,377	267,113	279,113	272,270	263,186	3,176,449
District subtotal ³	1,371,450	1,363,175	1,456,852 ^r	1,444,943 ^{r,e}	1,387,707 ^e	16,541,574 ^e
East South Central:						
Alabama, Kentucky, Tennessee ^e	694,946	621,402	650,061	674,241	588,660	7,579,212
West South Central:						
Arkansas and Oklahoma	236,510	232,401	200,195	198,775	200,310	2,526,646
Texas, northern	443,829 ^e	482,890 ^e	460,605 ^r	469,967 ^r	473,910 ^e	5,043,835 ^e
Texas, southern	562,616 ^e	556,629 ^e	546,594 ^e	536,061 ^e	552,968 ^e	6,301,799 ^e
District subtotal ³	1,242,956 ^e	1,271,919 ^e	1,207,394 ^{r,e}	1,204,803 ^{r,e}	1,227,188 ^e	13,872,279 ^e
Mountain and Pacific:						
Arizona and New Mexico	271,331	270,686	279,152	258,751	216,983	3,142,118
California	897,427	852,170	854,905	810,052	702,175	10,203,640
Colorado and Wyoming	316,912 ^r	319,401	326,392	286,315	222,796	3,156,305
Montana, Nevada, Oregon, Utah, Washington	401,491	401,124	400,912	402,327	283,619 ^e	4,334,726 ^e
District subtotal ³	1,887,161 ^r	1,843,381	1,861,362	1,757,445	1,425,572 ^e	20,836,789 ^e
U.S. total ^{e,3}	8,528,213 ^r	8,295,950	8,299,354 ^r	8,014,218 ^r	6,881,541	90,811,365
Imports ⁴	1,569,896	1,449,022	1,573,073 ^r	1,375,550 ^r	1,071,120	16,299,862
Grand total ^{e,3}	10,098,109 ^r	9,744,972	9,872,427 ^r	9,389,768 ^r	7,952,661	107,111,227

^eEstimated. ^rRevised.

¹Data are unrounded but are thought 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 2020–DECEMBER 2021^{1,2}

(Metric tons)

District	2020						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	1,530	1,306	2,790	2,245	3,031	3,002	3,148
Pennsylvania	9,916	8,577	11,120	7,776	10,736	15,164	16,547
District subtotal ³	11,445	9,884	13,910	10,022	13,767	18,165	19,695
East North Central:							
Illinois, Indiana, Ohio	11,997	9,674	14,278	16,069	13,888	16,816	16,938
Michigan	3,839	3,523	4,687	2,382	5,119	6,858	7,629
District subtotal ³	15,836	13,197	18,965	18,451	19,007	23,674	24,567
West North Central:							
Iowa, Kansas, Missouri, Nebraska, South Dakota	1,987	1,758	2,571	2,511	3,038	3,539	3,540
South Atlantic:							
Florida	46,394	42,690	48,497	40,218	40,536	44,078	44,602
Georgia, Maryland, Virginia, West Virginia	26,441	21,250	29,859	29,269	26,537	29,894	31,620
Puerto Rico	--	--	--	--	--	--	--
South Carolina	15,785	12,241	15,825	17,121	14,430	16,677	17,378
District subtotal ³	88,620	76,181	94,181	86,608	81,502	90,649	93,600
East South Central:							
Alabama, Kentucky, Tennessee	18,651	14,499	19,603	21,723	19,479	23,767	22,324
West South Central:							
Arkansas and Oklahoma	8,249	7,545	8,163	8,673	7,423	8,817	9,132
Texas	24,479	20,479	26,219	26,193	26,890	28,640	27,192
District subtotal ³	32,728	28,024	34,381	34,866	34,313	37,457	36,324
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	3,936	3,923	3,867	4,791 ^r	4,025 ^r	4,669 ^r	4,256 ^r
California	14,676	14,643	13,253	13,844	16,555	18,253	18,095
District subtotal ³	18,613	18,566	17,120	18,634 ^r	20,580 ^r	22,923 ^r	22,350 ^r
U.S. total ³	187,879	162,108	200,732	192,816	191,687	220,174	222,399
Imports ⁴	1,732	1,167	1,976	1,889	2,414	2,493	2,529
Grand total ³	189,611	163,274	202,708	194,705	194,101	222,667	224,928

See footnotes at end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2020–DECEMBER 2021^{1, 2}

(Metric tons)

District	2020					
	August	September	October	November	December	January–December ³
New England and Middle Atlantic:						
Maine and New York	2,810	2,401	2,786	2,186	1,639	28,875
Pennsylvania	15,256	13,953	13,240	11,945	9,753	143,983
District subtotal ³	18,067	16,354	16,026	14,131	11,392	172,858
East North Central:						
Illinois, Indiana, Ohio	16,030	16,740	16,975	13,548	12,223	175,176
Michigan	6,799	6,585	7,138	4,605	4,196	63,360
District subtotal ³	22,829	23,326	24,113	18,153	16,419	238,536
West North Central:						
Iowa, Kansas, Missouri, Nebraska, South Dakota	3,338	3,098	3,338	2,312	2,518	33,550
South Atlantic:						
Florida	44,465	44,152	43,872	39,220	46,087	524,812
Georgia, Maryland, Virginia, West Virginia	27,658	26,629	28,811	24,402	22,639	325,008
Puerto Rico	--	--	--	--	--	--
South Carolina	15,286	15,385	17,074	13,464	14,152	184,818
District subtotal ³	87,409	86,165	89,758	77,087	82,878	1,034,638
East South Central:						
Alabama, Kentucky, Tennessee	20,513	20,672	22,001	19,260	18,549	241,043
West South Central:						
Arkansas and Oklahoma	8,295	8,004	7,799	7,339	6,996	96,436
Texas	23,044	23,235	26,309	22,119	22,539	297,337
District subtotal ³	31,340	31,239	34,108	29,458	29,535	393,773
Mountain and Pacific:						
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	4,177 ^r	4,164 ^r	4,291 ^r	4,002 ^r	4,528	50,629 ^r
California	16,555	20,826	11,920	12,527	14,309	185,457
District subtotal ³	20,732 ^r	24,990 ^r	16,210 ^r	16,530 ^r	18,837	236,086 ^r
U.S. total ³	204,228	205,844	205,555	176,932	180,129	2,350,482
Imports ⁴	2,351	2,188	2,129	1,388	1,358	23,614
Grand total ³	206,580	208,032	207,685	178,320	181,487	2,374,096

See footnotes at end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

District	2021						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	1,203	891	2,339	2,807	2,520	3,043	2,272
Pennsylvania	9,685	6,925	13,563	14,851	14,451	15,995	14,265
District subtotal ³	10,888	7,815	15,902	17,657	16,971	19,038	16,538
East North Central:							
Illinois, Indiana, Ohio	11,833	6,960	16,120	16,367	15,449	17,003	15,964
Michigan	3,292	2,438	5,908	6,295	6,077	6,588	5,869
District subtotal ³	15,125	9,398	22,027	22,662	21,527	23,591	21,833
West North Central:							
Iowa, Kansas, Missouri, Nebraska, South Dakota	1,699	1,197	2,786	3,499	3,197	4,054	4,057
South Atlantic:							
Florida	44,460	44,846	50,018	47,878	43,434	47,106	41,851
Georgia, Maryland, Virginia, West Virginia	24,400	18,578	31,066	30,202	28,470	30,256	27,841
Puerto Rico	--	--	--	--	--	--	--
South Carolina	13,275	12,135	17,488	18,321	15,402	17,990	15,425
District subtotal ³	82,135	75,559	98,571	96,400	87,307	95,352	85,118
East South Central:							
Alabama, Kentucky, Tennessee ^e	19,781	15,321	22,168	22,451	21,149	22,587	22,495
West South Central:							
Arkansas and Oklahoma	7,168	4,860	9,455	7,772	7,756	7,340	8,042
Texas	22,877	16,263	28,474	26,842	21,423	24,550 ^e	24,130 ^e
District subtotal ³	30,045	21,123	37,928	34,614	29,179	31,890 ^e	32,172 ^e
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	4,070	4,465 ^r	5,121 ^r	4,466 ^r	4,818 ^r	4,991 ^r	4,346 ^r
California	11,753	13,382	16,290	15,796	14,948	14,827	13,497
District subtotal ^{e,3}	15,823	17,847 ^r	21,411 ^r	20,262 ^r	19,766 ^r	19,818 ^r	17,843 ^r
U.S. total ^{e,3}	175,497	148,258	220,794	217,546	199,094	216,332	200,056
Imports ⁴	1,580	1,037	1,423	2,087	1,618	1,964	2,024
Grand total ^{e,3}	177,077	149,295	222,218	219,632	200,713	218,296	202,080

See footnotes at the end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

District	2021					
	August	September	October	November	December	January–December ³
New England and Middle Atlantic:						
Maine and New York	2,482	2,335	1,950	1,591 ^e	1,158 ^e	24,591 ^e
Pennsylvania	14,160	13,886	14,982 ^r	12,978 ^r	10,454 ^e	156,196 ^e
District subtotal ³	16,642	16,221	16,932 ^r	14,569 ^r	11,613 ^e	180,787 ^e
East North Central:						
Illinois, Indiana, Ohio	16,022	14,817	16,397	13,302 ^e	12,897 ^e	173,132 ^e
Michigan	6,647	6,192	5,444	5,373	3,758	63,880
District subtotal ³	22,669	21,009	21,841	18,675 ^e	16,654 ^e	237,012 ^e
West North Central:						
Iowa, Kansas, Missouri, Nebraska, South Dakota	4,307	4,090	3,640	3,039	2,913	38,478
South Atlantic:						
Florida	48,652	43,000	49,134	46,799	46,957	554,134
Georgia, Maryland, Virginia, West Virginia	27,077	25,338	27,441	24,499 ^e	24,889 ^e	320,056 ^e
Puerto Rico	--	--	--	--	--	--
South Carolina	15,878	14,942	16,052	16,087	14,976	187,970
District subtotal ³	91,608	83,280	92,626	87,385 ^e	86,821 ^e	1,062,160 ^e
East South Central:						
Alabama, Kentucky, Tennessee ^e	21,404	20,095	20,557	20,245	19,201	247,453
West South Central:						
Arkansas and Oklahoma	10,145	9,823	9,063	9,815	9,022	100,259
Texas	26,331 ^e	26,186 ^e	26,685 ^{r,e}	25,430 ^{r,e}	26,495 ^e	295,687 ^e
District subtotal ³	36,476 ^e	36,009 ^e	35,748 ^{r,e}	35,245 ^{r,e}	35,517 ^e	395,946 ^e
Mountain and Pacific:						
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	4,498 ^r	4,827 ^r	4,317 ^r	5,243 ^r	3,662	54,825
California	13,078	13,580	12,336	11,589	10,184	161,260
District subtotal ^{e,3}	17,576 ^r	18,407 ^r	16,653 ^r	16,832 ^r	13,846	216,085
U.S. total ^{e,3}	210,682	199,111	207,997 ^r	195,990 ^r	186,565	2,377,922
Imports ⁴	1,667	1,523	1,632	1,377	2,460	20,394
Grand total ^{e,3}	212,349	200,634	209,629 ^r	197,367 ^r	189,026	2,398,315

^eEstimated. ^rRevised. -- Zero.

¹Data are unrounded but are thought 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 2020–DECEMBER 2021^{1,2}

(Metric tons)

Destination	2020						
	January	February	March	April	May	June	July
Alabama	91,390	83,094	107,518	118,957	118,844	119,240	112,816
Alaska	6,265	4,544	6,945	7,619	12,972	15,380	14,777
Arizona	216,040	211,032	217,094	259,991	236,324	256,209	241,575
Arkansas	61,277	60,123	67,480	78,492	68,289	84,717	80,046
California, northern	254,270	258,970	294,806	252,524	297,493	352,165	357,466
California, southern	529,237	500,120	445,699	480,526	577,672	645,526	594,905
Colorado	179,078	115,228	193,786	206,412	232,370	243,326	242,849
Connecticut	33,139	30,676	45,337	42,402	51,487	63,184	61,714
Delaware	7,652	10,639	13,716	11,877	8,678	10,335	9,665
District of Columbia	18,222	17,496	23,819	19,380	19,347	22,761	21,801
Florida	615,470	598,535	672,627	561,771	523,670	549,740	548,113
Georgia	243,997	204,712	276,385	307,661	272,883	326,451	305,168
Hawaii	28,004	29,823	28,125	31,601	32,503	32,523	29,865
Idaho	31,765	39,091	58,549	71,473	68,635	72,509	76,010
Illinois, excluding Chicago	54,304	46,481	84,863	116,938	114,210	151,282	154,251
Illinois, metropolitan Chicago	71,732	66,890	91,930	106,024	164,830	162,678	151,906
Indiana	113,145	87,212	144,450	191,089	185,146	241,835	215,456
Iowa	54,801	47,229	99,191	170,853	189,438	206,458	215,301
Kansas	62,903	65,823	89,030	114,318	96,182	136,799	113,807
Kentucky	70,584	52,306	80,704	92,341	86,826	102,712	100,497
Louisiana	121,302	111,440	138,443	129,117	130,534	132,200	131,563
Maine	11,301	8,037	10,737	15,679	22,277	25,455	26,371
Maryland	95,470	76,270	104,158	91,186	93,836	115,462	106,838
Massachusetts	73,911	59,969	76,050	59,620	76,492	100,948	101,903
Michigan	78,162	66,447	83,284	68,616	182,958	260,103	241,969
Minnesota	46,692	53,422	68,433	107,100	186,310	220,308	219,779
Mississippi	49,052	42,170	59,798	62,312	62,636	61,800	64,769
Missouri	85,498	93,005	142,564	176,393	152,217	194,024	174,156
Montana	13,663	10,993	18,752	27,853	35,883	44,633	44,800
Nebraska	34,675	33,430	60,985	98,266	88,861	113,387	101,925
Nevada	131,915	123,064	141,729	140,826	129,461	137,121	142,355
New Hampshire	10,841	9,222	13,010	14,944	18,338	22,487	21,734
New Jersey	106,019	91,366	122,565	85,320	112,167	137,272	140,038
New Mexico	67,427	64,636	69,653	63,084	65,199	63,231	66,578
New York, eastern	25,836	21,521	30,593	26,133	34,371	51,003	50,025
New York, metropolitan	128,871	99,096	135,416	65,438	124,967	189,301	188,759
New York, western	24,648	17,357	29,347	30,721	51,273	82,926	80,118
North Carolina	218,324	180,419	261,483	254,230	185,637	253,770	274,306
North Dakota	16,060	12,430	14,501	19,192	40,812	64,708	73,795
Ohio	182,797	151,763	220,153	272,489	277,990	360,640	349,708
Oklahoma	116,209	115,226	120,284	142,433	121,836	146,201	133,349
Oregon	64,222	78,517	87,886	93,652	90,840	102,801	102,108
Pennsylvania, eastern	116,440	97,001	101,448	66,851	131,524	169,636	154,191
Pennsylvania, western	46,547	39,927	54,188	53,301	79,740	103,823	95,839
Rhode Island	8,232	5,989	8,306	9,369	10,632	11,020	10,253
South Carolina	120,641	98,584	141,767	141,591	125,197	157,905	144,766
South Dakota	11,059	9,095	14,844	36,673	64,877	87,146	81,269
Tennessee	143,373	120,055	158,153	209,071	195,675	214,966	196,784
Texas, northern	565,602	563,358	612,801	703,324	619,581	654,599	666,932
Texas, southern ³	735,175	766,391	868,755	767,945	714,296	748,936	755,409
Utah	88,512	85,568	115,697	150,830	156,876	169,768	162,351
Vermont	4,781	3,504	4,333	1,789	8,743	11,422	13,083
Virginia	143,733	135,157	176,293	159,760	159,818	181,963	181,421
Washington	103,647	122,777	125,932	78,946	141,593	162,738	159,031
West Virginia	26,458	21,221	25,473	26,869	28,113	33,853	34,155
Wisconsin	77,736	61,544	88,064	144,793	201,624	238,699	244,873
Wyoming	15,894	13,739	17,821	20,091	37,518	32,377	31,558
Puerto Rico	19,673	25,899	13,277	2,975	26,527	37,849	35,105
Foreign countries ⁴	19,097	16,797	25,626	25,315	31,362	43,419	41,723
Total shipments ⁵	6,692,773	6,236,431	7,604,652	7,886,346	8,376,391	9,735,733	9,493,680

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

Destination	2020					
	August	September	October	November	December	January–December ⁵
Alabama	106,486	108,226	121,502	114,280	109,035	1,311,387
Alaska	15,670	14,278	11,888	5,371	4,874	120,584
Arizona	254,559	246,507	279,894	224,761	218,285	2,862,270
Arkansas	79,883	75,515	87,427	82,068	70,571	895,889
California, northern	305,732	323,909	376,035	344,513	324,779	3,742,665
California, southern	563,094	574,315	588,659	513,818	524,685	6,538,256
Colorado	231,874	234,708	239,586	199,813	158,249	2,477,277
Connecticut	57,885	57,253	55,707	50,449	40,689	589,922
Delaware	10,092	12,350	13,981	12,154	11,472	132,610
District of Columbia	22,329	22,779	21,674	19,571	18,709	247,888
Florida	521,120	520,439	548,072	499,163	578,484	6,737,202
Georgia	268,349	270,102	308,953	275,184	247,069	3,306,913
Hawaii	27,448	30,230	27,714	23,166	26,043	347,042
Idaho	71,570	82,491	83,700	61,754	43,216	760,763
Illinois, excluding Chicago	164,876	150,758	146,968	113,761	88,293	1,386,985
Illinois, metropolitan Chicago	159,728	154,034	178,628	149,685	76,521	1,534,587
Indiana	216,230	212,977	231,768	190,485	144,176	2,173,972
Iowa	207,343	196,977	219,549	169,948	115,090	1,892,178
Kansas	136,990	114,969	120,572	113,345	107,803	1,272,543
Kentucky	106,227	108,498	107,891	99,757	79,260	1,087,602
Louisiana	140,232	118,163	140,238	142,739	124,640	1,560,611
Maine	26,002	27,142	27,709	21,853	16,361	238,923
Maryland	92,930	105,137	108,895	97,573	88,002	1,175,757
Massachusetts	95,571	95,454	99,515	89,981	73,334	1,002,748
Michigan	233,541	240,517	260,866	187,895	122,502	2,026,859
Minnesota	220,684	207,538	188,173	116,685	72,137	1,707,259
Mississippi	65,303	71,157	84,820	81,082	69,801	774,699
Missouri	189,039	184,176	189,133	171,003	160,954	1,912,159
Montana	39,561	42,127	36,060	29,641	22,340	366,306
Nebraska	104,099	99,945	111,352	90,088	64,921	1,001,934
Nevada	131,248	122,149	128,863	140,215	143,552	1,612,498
New Hampshire	20,839	21,518	22,330	18,616	13,061	206,941
New Jersey	130,560	127,764	131,750	111,592	96,254	1,392,667
New Mexico	67,309	61,631	55,113	66,524	57,022	767,408
New York, eastern	48,264	50,841	45,559	41,639	29,063	454,848
New York, metropolitan	182,649	179,826	172,448	150,100	124,544	1,741,415
New York, western	77,246	82,769	71,707	54,397	32,437	634,946
North Carolina	238,883	238,732	277,188	227,543	219,326	2,829,840
North Dakota	74,484	76,522	52,050	29,073	18,474	492,102
Ohio	339,261	350,834	339,290	296,412	198,634	3,339,969
Oklahoma	144,258	126,689	136,771	132,164	112,909	1,548,328
Oregon	94,160	73,230	95,820	68,732	72,699	1,024,669
Pennsylvania, eastern	148,861	146,528	157,057	136,750	109,210	1,535,495
Pennsylvania, western	98,738	107,162	103,294	80,004	48,037	910,598
Rhode Island	11,039	10,054	9,223	9,830	6,867	110,815
South Carolina	131,730	139,355	164,938	127,794	112,987	1,607,256
South Dakota	73,192	74,762	62,579	47,350	30,600	593,446
Tennessee	194,959	203,161	230,691	198,735	174,169	2,239,793
Texas, northern	673,194	568,224	662,122	654,929	598,314	7,542,982
Texas, southern ³	759,159	678,283	806,267	744,973	713,367	9,058,957
Utah	167,824	172,073	183,731	146,801	132,726	1,732,756
Vermont	13,040	12,827	11,755	8,984	6,642	100,904
Virginia	156,322	176,223	190,083	158,199	146,715	1,965,688
Washington	167,574	158,353	158,040	121,786	114,451	1,614,869
West Virginia	31,393	32,852	35,627	29,546	19,834	345,393
Wisconsin	220,360	222,988	214,443	162,773	88,939	1,966,835
Wyoming	29,993	26,255	22,488	20,039	12,479	280,253
Puerto Rico	34,504	34,507	34,975	29,684	35,011	329,986
Foreign countries ⁴	47,214	39,898	40,745	22,900	15,528	369,624
Total shipments ⁵	9,242,700	9,018,683	9,633,874	8,329,669	7,286,145	99,537,075

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

Destination	2021						
	January	February	March	April	May	June	July
Alabama	103,522	88,251	115,686	128,459	106,024	101,491	97,812
Alaska	4,904	4,658	7,345	8,174	11,206	15,558	16,170
Arizona	195,491	259,481	307,057	269,260	254,609	274,025	237,866
Arkansas	71,451	41,662	82,354	88,851	76,906	76,027	79,638
California, northern	263,783	315,673	445,968	398,546	377,941	417,948	383,644
California, southern	417,509	489,586	544,373	566,642	565,588	609,774	544,940
Colorado	141,143	118,427	153,878	192,583	188,789	244,029	241,090
Connecticut	34,052	21,459	48,994	59,210	56,646	58,687	51,376
Delaware	12,337	6,430	17,903	17,331	12,339	10,001	8,539
District of Columbia	16,743	16,069	22,943	20,881	16,618	16,148	14,352
Florida	573,122	553,560	668,811	633,460	609,400	619,631	568,687
Georgia	233,369	223,189	319,119	334,665	283,883	306,645	282,425
Hawaii	21,027	23,893	27,559	28,160	25,042	24,842	27,006
Idaho	35,446	36,326	68,127	83,655	74,783	79,111	73,135
Illinois, excluding Chicago	43,257	31,347	76,857	117,372	117,032	137,375	140,224
Illinois, metropolitan Chicago	69,908	38,760	95,735	140,889	156,149	180,431	145,449
Indiana ^c	105,735	66,537	161,757	205,132	204,493	209,169	205,268
Iowa	47,755	32,787	84,459	166,507	165,770	214,260	222,316
Kansas	76,774	47,041	106,859	132,789	116,810	135,376	138,558
Kentucky ^c	74,957	54,535	98,702	104,901	103,751	104,372	101,070
Louisiana	128,479	105,174	151,718	147,227	126,626	144,173 ^e	139,994 ^e
Maine	13,336	10,169	15,555	21,951	26,220	29,669	25,353
Maryland	92,341	62,490	111,849	117,281	116,385	124,979	116,390
Massachusetts	65,435	46,522	84,508	96,681	98,710	103,425	86,990
Michigan	80,455	61,783	108,133	182,044	222,248	233,219	231,167
Minnesota	58,988	42,636	74,583	124,443	181,686	222,353	220,206
Mississippi	59,961	47,083	68,834	75,056	65,729	73,738	69,133
Missouri	109,188	56,851	152,465	183,523	155,715	183,127	182,770
Montana	16,259	9,324	22,554	31,037	33,527	41,332	43,036
Nebraska	34,981	20,826	65,716	98,804	98,678	113,969	110,287
Nevada	132,756	130,772	155,706	157,645	157,820	161,756	140,205
New Hampshire	10,929	8,076	13,564	19,013	20,945	24,489	20,227
New Jersey	95,736	48,582	117,570	131,546	133,909	142,672	138,543
New Mexico	53,783	54,821	67,007	63,612	60,200	67,382	59,318
New York, eastern	23,648	17,888	32,106	43,040	43,793	49,496	44,412
New York, metropolitan	115,825	66,620	156,596	170,272	167,942	175,149	161,624
New York, western	23,467	17,788	30,785	46,361	57,137	63,826	48,896
North Carolina	194,997	181,529	288,793	289,098	259,721	278,653	262,527
North Dakota	7,946	11,320	16,058	31,954	43,781	67,018	60,556
Ohio ^c	153,421	104,282	253,832	320,949	316,040	361,997	349,854
Oklahoma	131,350	71,188	180,828	165,281	140,069	148,402	154,582
Oregon	54,290	59,161	82,792	80,511	67,817	75,788	73,023
Pennsylvania, eastern	112,983	63,023	148,653	176,830	170,348	173,182	158,440
Pennsylvania, western ^c	46,645	33,229	71,680	89,342	88,365	99,159	96,476
Rhode Island	6,026	3,492	8,793	11,630	11,275	11,570	9,857
South Carolina	124,340	115,570	178,179	180,543	159,532	176,818	150,057
South Dakota	14,220	8,819	20,306	42,032	55,901	80,912	64,730
Tennessee ^e	177,533	130,233	208,074	240,634	207,521	210,045	205,102
Texas, northern	580,567	442,828	677,405	588,436	484,527	528,415 ^e	598,052 ^e
Texas, southern ³	699,252	542,443	898,433	802,119	621,350	674,187 ^e	655,041 ^e
Utah	111,938	106,021	165,231	154,241	158,904	167,399	136,276
Vermont	3,879	3,141	4,532	7,866	10,181	12,942	10,075
Virginia	154,985	123,268	192,482	199,275	177,202	181,713	176,218
Washington	113,496	99,238	147,683	146,673	124,890	135,821	140,332
West Virginia ^c	21,579	17,163	31,859	34,960	33,136	34,493	34,602
Wisconsin	51,836	39,183	88,478	167,300	201,591	221,006	218,480
Wyoming	9,163	8,423	14,259	19,734 ^f	24,439	31,224	30,937
Puerto Rico	28,945	38,748	46,671	40,302	42,564	40,446	40,861
Foreign countries ⁴	18,918	26,931	42,887	41,845	45,693	48,699	36,365
Total shipments ^{e,5}	6,476,160	5,506,308	8,651,645	9,238,559 ^f	8,735,896	9,549,543	9,080,561

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

Destination	2021					
	August	September	October	November	December	January–December ⁵
Alabama	107,591	100,898	110,120 ^r	125,411 ^r	103,756	1,289,021
Alaska	15,619	14,389	11,937	7,950	7,464	125,374
Arizona	255,831	277,020	285,380 ^r	272,927 ^r	226,583	3,115,528
Arkansas	84,873	86,904	79,299 ^r	81,267 ^r	76,212	925,442
California, northern	394,742	371,730	340,094 ^r	328,781 ^r	264,259 ^e	4,303,111 ^e
California, southern	559,669	526,569	542,490	498,168	400,664	6,265,972
Colorado	244,465 ^r	242,385	244,294 ^r	205,244 ^r	169,086	2,385,412
Connecticut	54,302	51,768	55,019 ^r	50,272 ^{r,e}	43,434 ^e	585,219 ^e
Delaware	8,336	7,720	8,234	7,602 ^e	7,755 ^e	124,527 ^e
District of Columbia	14,559	12,996	13,539	12,677 ^e	12,971 ^e	190,495 ^e
Florida	606,944	532,812	594,455 ^r	636,143 ^r	620,164	7,217,190
Georgia	300,452	285,786	311,639 ^r	331,880 ^r	278,290	3,491,340
Hawaii	25,926	22,639	23,166 ^r	22,837 ^r	18,650	290,746
Idaho	75,736	73,382	71,731	65,446	41,878	778,757
Illinois, excluding Chicago	143,058	147,655	135,525 ^r	129,091 ^{r,e}	117,188 ^e	1,335,981 ^e
Illinois, metropolitan Chicago	175,740	178,923	134,359	164,217 ^{r,e}	78,862 ^e	1,559,422 ^e
Indiana ^e	218,614	204,068	210,091 ^r	207,414 ^r	138,603	2,136,882
Iowa	222,488	225,491	226,528 ^r	203,756 ^{r,e}	122,234 ^e	1,934,349 ^e
Kansas	143,923	126,428	111,572 ^r	117,731 ^r	106,719	1,360,581
Kentucky ^e	109,577	104,745	110,015 ^r	99,697 ^r	76,091	1,142,414
Louisiana	141,073 ^e	108,516 ^e	153,295 ^e	157,355 ^{r,e}	153,600 ^e	1,657,230 ^e
Maine	27,578	27,939	28,372	24,688 ^e	16,540 ^e	267,371 ^e
Maryland	111,280	102,074	107,660 ^r	97,526 ^{r,e}	96,944 ^e	1,257,197 ^e
Massachusetts	99,521	96,559	98,469 ^r	98,535 ^{r,e}	90,358 ^e	1,065,713 ^e
Michigan	238,803	217,685	221,979 ^r	188,137 ^{r,e}	111,743 ^e	2,097,398 ^e
Minnesota	230,844	228,630	212,658 ^r	144,124 ^{r,e}	89,695 ^e	1,830,846 ^e
Mississippi	69,042	61,674	69,634 ^r	72,585 ^e	65,932 ^e	798,401 ^e
Missouri	210,568	194,886	176,761 ^r	196,732 ^r	169,473	1,972,060
Montana	45,305	36,504	42,900	34,560	17,681	374,018
Nebraska	111,397	105,163	100,754 ^r	102,259 ^r	79,960	1,042,793
Nevada	145,867	123,952	134,418 ^r	133,528 ^r	125,401 ^e	1,699,825 ^e
New Hampshire	22,140	21,752	20,752	19,305 ^e	13,438 ^e	214,631 ^e
New Jersey	143,116	130,489	149,822 ^r	144,589 ^{r,e}	114,903 ^e	1,491,476 ^e
New Mexico	62,665	49,083	55,783 ^r	49,230 ^r	55,792	698,676
New York, eastern	49,432	48,042	54,284 ^r	45,911 ^{r,e}	38,051 ^e	490,103 ^e
New York, metropolitan	176,013	162,117	182,004	157,216 ^e	134,936 ^e	1,826,314 ^e
New York, western	55,312	58,732	60,904	47,214 ^e	33,158 ^e	543,580 ^e
North Carolina	264,154	257,717	263,717 ^r	256,801 ^{r,e}	239,003 ^e	3,036,709 ^e
North Dakota	72,007	42,037	49,718	34,605 ^e	12,909 ^e	449,910 ^e
Ohio ^e	358,936	364,942	359,791 ^r	330,641 ^r	234,388	3,509,072
Oklahoma	162,251	166,915	138,152 ^r	154,941 ^r	149,749	1,763,709
Oregon	96,318	108,421	97,799 ^r	80,035 ^r	61,315	937,270
Pennsylvania, eastern	166,685	159,119	182,540 ^r	155,691 ^{r,e}	137,161 ^e	1,804,655 ^e
Pennsylvania, western ^e	95,873	94,316	97,258	82,252	67,241	961,838
Rhode Island	10,895	9,885	11,356	12,448 ^e	10,175 ^e	117,403 ^e
South Carolina	153,077	147,644	161,375 ^r	152,993 ^r	132,972	1,833,100
South Dakota	68,277	71,315	61,525 ^r	49,701 ^{r,e}	25,846 ^e	563,582 ^e
Tennessee ^e	205,741	207,264	215,921 ^r	224,843 ^r	193,148	2,426,060
Texas, northern	584,480 ^e	599,666 ^e	543,209 ^{r,e}	540,866 ^{r,e}	552,563 ^e	6,721,015 ^e
Texas, southern ³	724,565 ^e	666,582 ^e	718,160 ^e	710,188 ^e	689,841 ^e	8,402,161 ^e
Utah	121,847	127,483	112,433 ^r	117,864 ^r	86,916	1,566,554
Vermont	11,392	11,640	11,209	8,803 ^e	5,818 ^e	101,479 ^e
Virginia	164,074	154,950	167,075 ^r	172,584 ^{r,e}	163,102 ^e	2,026,928 ^e
Washington	137,864	137,283	136,227 ^r	117,350 ^r	76,173	1,513,031
West Virginia ^e	33,397	36,124	37,334 ^r	34,273	30,249	379,171
Wisconsin	228,619	229,884	216,864 ^r	172,065 ^{r,e}	87,803 ^e	1,923,108 ^e
Wyoming	34,245	30,690	26,983	24,756	16,889	271,743
Puerto Rico	40,190	40,282	37,722	38,982	36,853	472,565
Foreign countries ⁴	35,606	30,422	38,223 ^r	34,089 ^r	21,935	421,613
Total shipments ^{e,5}	9,472,896 ^r	9,062,687	9,174,527 ^r	8,788,775 ^r	7,350,518	101,088,074

^eEstimated. ^rRevised.

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

²Includes imported cement and cement manufactured from imported clinker.

³Does not include sales of imported cement likely destined to “Texas, southern” by companies that do not report to the USGS.

⁴As reported by domestic and Canadian cement manufacturers and other importers. Includes U.S. possessions and territories.

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

TABLE 2B
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2,3}

(Metric tons)

Destination	2020						
	January	February	March	April	May	June	July
Alabama	1,464	1,273	1,549	2,146	2,235	2,521	2,480
Alaska	--	--	--	--	--	--	--
Arizona	2,563	2,639	3,458	4,977	5,044	5,297	5,945
Arkansas	--	--	--	--	--	--	--
California, northern	1,158	1,329	956	871	1,203	1,532	1,367
California, southern	--	--	--	--	--	--	--
Colorado	2,839	1,907	3,219	4,292	15,164	17,853	12,693
Connecticut	7	--	--	--	23	45	--
Delaware	7,609	6,575	9,247	8,448	9,068	10,759	9,486
District of Columbia	--	--	--	--	--	--	--
Florida	46,008	40,651	45,746	49,463	73,976	77,962	77,411
Georgia	1,344	1,026	1,303	1,311	1,677	2,313	2,490
Hawaii	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	525	367	819	212	406	196	220
Illinois, metropolitan Chicago	--	--	--	--	--	478	1,067
Indiana	--	--	--	--	--	23	81
Iowa	513	265	1,777	6,906	10,609	15,985	21,841
Kansas	1,736	2,200	3,117	3,625	6,867	16,541	13,312
Kentucky	1,171	1,153	1,125	699	992	1,422	1,804
Louisiana	--	--	--	3,114	--	--	22
Maine	--	--	--	27	--	--	29
Maryland	269	163	210	189	525	237	384
Massachusetts	548	486	352	515	679	983	984
Michigan	567	821	1,857	5,174	10,199	9,945	11,124
Minnesota	126	270	244	500	2,212	3,402	3,446
Mississippi	2,399	1,563	2,726	2,198	2,366	2,331	2,560
Missouri	2,177	1,994	2,989	5,439	8,983	8,567	4,893
Montana	256	103	641	2,679	5,374	4,579	2,859
Nebraska	6,660	7,353	10,536	23,628	28,379	47,158	50,104
Nevada	1,060	1,158	1,403	2,251	3,049	3,486	2,876
New Hampshire	56	28	28	--	30	--	28
New Jersey	1,319	1,255	1,442	1,393	1,357	1,562	1,565
New Mexico	135	113	155	137	182	186	575
New York, eastern	21	141	279	533	654	830	672
New York, metropolitan	275	184	736	502	508	700	388
New York, western	7	5	166	306	504	614	870
North Carolina	318	195	267	2,051	1,921	868	382
North Dakota	--	--	--	--	--	--	2
Ohio	455	411	479	341	206	--	46
Oklahoma	46	144	87	577	634	226	277
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	5,564	5,193	9,697	8,959	14,307	19,054	21,772
Pennsylvania, western	2,575	2,535	1,428	974	2,450	3,360	2,651
Rhode Island	--	--	--	--	--	--	--
South Carolina	1,449	1,220	1,144	1,199	1,109	1,561	1,645
South Dakota	420	192	70	329	826	279	73
Tennessee	4,250	3,015	4,252	5,009	3,600	5,202	4,356
Texas, northern	296	1,855	719	612	164	1,166	2,088
Texas, southern ⁴	16,960	17,288	18,180	17,774	15,807	17,672	18,861
Utah	2,740	3,084	3,391	4,358	4,477	4,571	4,657
Vermont	99	--	21	23	226	154	141
Virginia	9,287	6,234	7,764	12,374	10,645	11,136	10,636
Washington	9,319	16,244	16,198	6,474	17,510	21,166	21,933
West Virginia	1,358	1,209	1,258	1,100	1,256	1,480	1,488
Wisconsin	679	1,142	1,481	3,270	6,045	6,785	6,174
Wyoming	--	--	--	--	22	43	110
Puerto Rico	17,438	20,792	9,573	16,687	27,120	31,854	26,755
Foreign countries ⁵	--	--	--	--	--	--	--
Total shipments ⁶	156,065	155,777	172,088	213,647	300,594	364,086	357,623

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2,3}

(Metric tons)

Destination	2020					
	August	September	October	November	December	January–December ⁶
Alabama	2,391	2,466	2,815	2,609	2,404	26,355
Alaska	--	--	--	--	--	--
Arizona	5,843	5,486	6,138	5,012	5,535	57,936
Arkansas	--	24	--	24	--	47
California, northern	1,186	806	926	461	934	12,731
California, southern	--	--	--	--	--	--
Colorado	11,026	8,470	5,781	5,845	4,488	93,577
Connecticut	--	43	24	23	--	164
Delaware	8,878	10,564	10,198	9,337	9,356	109,524
District of Columbia	--	1	--	--	--	1
Florida	81,643	81,451	78,752	65,869	83,419	802,350
Georgia	1,619	2,085	1,623	1,298	1,324	19,414
Hawaii	--	--	--	--	--	--
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	905	360	1,085	1,130	1,269	7,495
Illinois, metropolitan Chicago	--	915	--	--	--	2,460
Indiana	2,317	3,080	4,380	3,282	3,405	16,567
Iowa	28,529	22,515	17,464	7,965	2,902	137,272
Kansas	5,804	4,893	3,456	3,470	2,880	67,903
Kentucky	1,546	602	589	242	412	11,758
Louisiana	96	233	--	--	--	3,465
Maine	--	--	29	--	29	114
Maryland	1,544	1,372	1,510	1,458	1,358	9,219
Massachusetts	881	1,385	956	929	972	9,671
Michigan	7,662	4,347	2,218	1,706	1,473	57,093
Minnesota	2,949	3,561	2,698	1,589	922	21,919
Mississippi	2,628	2,308	2,878	1,504	532	25,993
Missouri	4,148	3,091	4,452	4,886	2,684	54,305
Montana	2,944	3,885	2,216	1,324	441	27,302
Nebraska	64,708	46,873	39,131	24,853	12,781	362,164
Nevada	2,771	2,439	2,691	1,618	1,035	25,836
New Hampshire	--	29	125	259	--	583
New Jersey	1,734	1,413	1,626	1,096	1,320	17,081
New Mexico	592	751	810	528	369	4,535
New York, eastern	1,437	1,062	650	457	94	6,830
New York, metropolitan	447	664	826	298	262	5,791
New York, western	1,068	938	417	191	77	5,163
North Carolina	454	--	--	--	--	6,456
North Dakota	--	--	--	--	--	2
Ohio	55	--	--	--	--	1,994
Oklahoma	722	1,002	67	64	171	4,018
Oregon	--	--	--	--	--	--
Pennsylvania, eastern	21,644	22,901	22,026	17,462	13,529	182,107
Pennsylvania, western	2,525	2,587	1,446	1,862	868	25,261
Rhode Island	--	--	--	--	--	--
South Carolina	1,457	1,488	1,173	1,229	1,259	15,934
South Dakota	--	95	103	46	97	2,531
Tennessee	4,313	1,890	2,377	2,014	1,309	41,586
Texas, northern	1,808	1,456	1,216	2,927	728	15,037
Texas, southern ⁴	18,092	12,958	14,850	11,892	14,363	194,697
Utah	4,778	5,263	5,685	4,951	4,633	52,589
Vermont	530	230	53	--	--	1,476
Virginia	7,666	1,416	1,368	1,625	1,812	81,961
Washington	30,443	38,084	41,475	37,351	46,568	302,763
West Virginia	1,536	737	403	755	649	13,228
Wisconsin	6,305	6,897	6,818	4,897	2,673	53,166
Wyoming	239	247	197	359	37	1,254
Puerto Rico	25,912	26,795	24,849	25,456	26,349	279,578
Foreign countries ⁵	--	--	--	--	--	--
Total shipments ⁶	375,774	342,159	320,570	262,152	257,721	3,278,256

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2,3}

(Metric tons)

Destination	2021						
	January	February	March	April	May	June	July
Alabama	1,559	10,552	15,182	21,895	21,538	26,825	20,845
Alaska	--	--	--	--	--	--	32
Arizona	2,778	2,782	3,228	3,891	3,207	2,733	2,402
Arkansas	--	24	24	--	4,592	4,568	--
California, northern	486	577	702	767	858	702	985
California, southern	--	438	122	49	25	96	216
Colorado	5,135	4,968	7,082	10,536	8,621	12,234	12,789
Connecticut	--	--	--	22	--	--	--
Delaware	8,920	5,940	11,663	11,569	10,846	11,064	10,895
District of Columbia	--	--	--	--	--	--	--
Florida	91,107	96,707	98,632	89,580	91,933	92,840	91,051
Georgia	1,973	1,015	1,196	1,937	1,990	3,120	2,961
Hawaii	--	--	--	--	--	--	--
Idaho	--	--	--	--	2,492	3,910	3,335
Illinois, excluding Chicago	23	45	264	777	243	286	524
Illinois, metropolitan Chicago	927	1,159	413	--	746	903	1,719
Indiana	3,479	1,268	4,771	6,409	12,382	16,852	19,337
Iowa	597	298	997	7,143	6,814	9,218	8,987
Kansas	743	792	6,307	6,420	4,726	4,392	3,245
Kentucky	549	412	550	3,052	3,061	3,845	4,663
Louisiana	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Maryland	1,493	1,553	2,106	1,996	2,707	3,172	2,875
Massachusetts	1,012	1,135	1,756	1,123	927	687	561
Michigan	160	941	1,371	2,403	3,210	4,100	4,511
Minnesota	--	--	--	94	71	629	1,488
Mississippi	415	2,791	3,843	4,276	2,844	3,133	2,218
Missouri	1,599	1,442	2,400	2,428	3,051	4,654	2,949
Montana	339	168	875	2,285	4,525	4,892	3,270
Nebraska	2,456	1,179	10,952	34,995	37,977	65,149	55,325
Nevada	870	943	22	2,481	3,143	2,945	2,946
New Hampshire	22	--	29	55	--	138	57
New Jersey	1,877	1,463	2,249	2,210	2,119	2,125	2,303
New Mexico	649	845	1,506	6,383	9,590	11,225	9,729
New York, eastern	47	113	259	391	491	646	427
New York, metropolitan	160	46	546	607	803	396	391
New York, western	64	97	65	1,349	1,423	7,439	15,648
North Carolina	--	--	--	46	46	211	377
North Dakota	--	198	--	--	115	870	1,015
Ohio	--	48	24	--	--	23	24
Oklahoma	59	131	154	565	1,414	865	1,583
Oregon	--	--	62	64	--	1,198	5,046
Pennsylvania, eastern	10,937	4,782	17,613	21,697	20,719	22,501	22,772
Pennsylvania, western	789	751	1,248	415	276	624	825
Rhode Island	--	--	--	--	--	--	--
South Carolina	1,195	1,313	1,393	1,453	1,505	1,715	1,605
South Dakota	24	28	75	23	161	308	3,205
Tennessee	1,334	789	2,143	2,634	2,385	6,438	4,870
Texas, northern	2,360	4,269	59,299	103,380	69,458	88,296	97,188
Texas, southern ⁴	13,392	10,571	16,223	12,903	11,119	17,113	13,781
Utah	4,427	4,958	6,043	10,954	5,883	17,209	34,237
Vermont	78	340	73	309	349	392	361
Virginia	2,376	1,206	2,701	2,590	5,950	8,929	9,550
Washington	28,224	27,831	46,088	47,406	46,464	50,493	77,364
West Virginia	823	710	777	555	224	506	610
Wisconsin	--	23	--	--	--	--	--
Wyoming	--	--	22	439	11,529	8,650	743
Puerto Rico	23,250	17,208	21,670	18,957	17,665	16,562	16,635
Foreign countries ⁵	--	--	--	--	--	--	4,313
Total shipments ⁶	218,707	214,849	354,718	451,514	442,221	547,822	584,788

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2,3}

(Metric tons)

Destination	2021					
	August	September	October	November	December	January–December ⁶
Alabama	24,749	23,260	25,974	15,430	22,386	230,194
Alaska	31	--	--	--	--	63
Arizona	2,563	2,849	4,010 ^r	4,230 ^r	3,664	38,337
Arkansas	--	--	--	--	--	9,207
California, northern	969	847	598 ^r	739 ^r	696	8,928
California, southern	95	97	733	757	465	3,095
Colorado	13,472	14,326	13,489	15,037	11,170	128,859
Connecticut	94	136	45	67	--	365
Delaware	10,627	10,364	10,470	8,905 ^e	8,696 ^e	119,960 ^e
District of Columbia	--	--	--	--	--	--
Florida	110,243	126,766	144,252 ^r	103,916 ^r	146,540	1,283,568
Georgia	2,779	1,828	2,254	2,225	1,841	25,119
Hawaii	--	--	--	--	--	--
Idaho	2,641	2,605	1,632	2,176	5,439	24,229
Illinois, excluding Chicago	2,965	2,097	3,054	4,486 ^e	6,466 ^e	21,230 ^e
Illinois, metropolitan Chicago	--	20	--	--	--	5,887
Indiana	19,944	23,303	25,892	22,021 ^e	21,557 ^e	177,215 ^e
Iowa	11,138	9,761	10,277	11,392 ^e	4,459 ^e	81,079 ^e
Kansas	3,816	3,058	2,402	2,511	1,559	39,971
Kentucky	5,257	4,010	2,480	2,374 ^e	1,920 ^e	32,171 ^e
Louisiana	--	249	1,434	1,642	1,552	4,878
Maine	--	--	--	29	--	29
Maryland	7,316	7,554	8,481	7,585 ^e	7,498 ^e	54,338 ^e
Massachusetts	594	670	433	339	476	9,713
Michigan	3,124	1,735	3,181	1,384 ^e	3,963 ^e	30,085 ^e
Minnesota	2,335	2,539	3,465	2,043 ^e	1,102 ^e	13,767 ^e
Mississippi	2,595	2,488	2,741	2,911 ^e	2,634 ^e	32,892 ^e
Missouri	7,394	10,585	11,258	10,216	8,868	66,843
Montana	5,139	5,531	4,374	4,703	2,488	38,591
Nebraska	76,659	74,960	68,971	38,196	19,108	485,928
Nevada	3,246	2,929	3,125 ^r	2,853 ^r	2,825 ^e	28,328 ^e
New Hampshire	86	112	30	32	--	562
New Jersey	2,212	2,047	2,065	1,756 ^e	1,680 ^e	24,106 ^e
New Mexico	7,020	7,731	7,758	7,530	7,277	77,240
New York, eastern	555	490	591	614	168	4,794
New York, metropolitan	486	504	547	142	24	4,653
New York, western	16,454	13,312	12,148	9,994 ^e	9,651 ^e	87,644 ^e
North Carolina	674	2,419	3,374	1,930 ^e	2,685 ^e	11,763 ^e
North Dakota	217	126	--	--	1,599	4,140
Ohio	57	696	958	862 ^e	2,329 ^e	5,020 ^e
Oklahoma	2,976	1,792	875	1,544	1,342	13,299
Oregon	2,792	9,900	9,233	1,895	1,705	31,895
Pennsylvania, eastern	24,430	21,700	25,504	20,748 ^e	18,191 ^e	231,594 ^e
Pennsylvania, western	985	415	716	806 ^e	674 ^e	8,524 ^e
Rhode Island	--	--	--	--	--	--
South Carolina	3,729	10,624	10,308	11,110	8,403	54,355
South Dakota	1,580	117	112	169	--	5,802
Tennessee	4,092	4,843	7,187	8,399 ^e	7,428 ^e	52,541 ^e
Texas, northern	105,812	136,595	130,677	133,802	130,875	1,062,011
Texas, southern ⁴	19,567	22,788	17,795	21,146	32,935	209,335
Utah	53,539	61,241	55,794	59,167	39,054	352,507
Vermont	437	298	250	76	78	3,043
Virginia	10,226	9,323	11,188	9,511 ^e	9,427 ^e	82,977 ^e
Washington	27,064	24,151	29,317	24,724	20,892	450,017
West Virginia	503	386	259	10 ^e	10 ^e	5,371 ^e
Wisconsin	--	--	--	--	2,888	2,910
Wyoming	520	567	539	138	86	23,233
Puerto Rico	14,447	13,895	13,378	14,563	13,483	201,713
Foreign countries ⁵	4,968	1,644	2,270	2,155	1,886	17,235
Total shipments ⁶	625,214	682,285	697,900 ^r	600,993 ^{r,e}	602,143 ^e	6,023,153 ^e

⁶Estimated. ^rRevised. -- Zero.

¹Data are unrounded but are thought 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.

⁴Does not include sales of imported cement likely destined to "Texas, southern" by companies that do not report to the USGS.

⁵Includes U.S. possessions and territories.

⁶Data may not add to totals shown because of independent rounding.

TABLE 2C
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

Destination	2020						
	January	February	March	April	May	June	July
Alabama	6,641	5,169	6,837	7,905	6,598	8,028	7,585
Alaska	--	--	--	--	--	--	--
Arizona	3,298	3,538	3,432	4,186	3,324	3,938	3,460
Arkansas	4,236	2,878	3,747	4,414	3,770	4,423	4,383
California, northern	246	1,593	2,163	1,436	1,854	2,645	2,586
California, southern	14,292	12,883	10,903	12,215	14,366	15,419	15,365
Colorado	431	259	314	534	379	396	516
Connecticut	880	592	1,425	1,067	1,637	1,963	1,891
Delaware	322	302	448	347	292	419	400
District of Columbia	--	--	--	--	--	--	--
Florida	48,255	44,231	50,377	42,295	42,204	45,960	46,350
Georgia	12,174	8,771	11,692	13,202	12,227	13,790	13,467
Hawaii	82	83	104	72	119	85	147
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	271	121	316	412	474	622	502
Illinois, metropolitan Chicago	746	555	1,251	1,022	1,217	1,372	1,554
Indiana	2,996	2,522	3,285	4,353	3,594	4,050	4,287
Iowa	126	135	220	333	562	797	716
Kansas	114	213	364	236	248	368	308
Kentucky	3,080	2,406	3,983	4,296	4,260	4,393	4,862
Louisiana	3,352	2,966	4,080	3,758	3,377	3,723	3,156
Maine	15	6	40	50	20	29	39
Maryland	2,250	1,759	2,601	1,983	2,106	2,368	2,772
Massachusetts	424	348	718	666	922	898	1,174
Michigan	3,033	2,916	3,196	1,214	3,592	5,369	5,341
Minnesota	18	39	--	25	21	63	59
Mississippi	2,307	1,886	2,912	2,558	2,534	2,505	3,096
Missouri	587	510	679	472	737	654	1,061
Montana	--	--	--	--	54	--	--
Nebraska	--	24	--	--	--	--	--
Nevada	140	167	189	192	335	189	143
New Hampshire	171	188	339	283	581	547	728
New Jersey	2,788	2,701	3,184	1,929	2,937	3,750	4,031
New Mexico	287	137	168	80	274	225	274
New York, eastern	302	288	559	451	561	693	789
New York, metropolitan	2,136	2,037	2,880	629	2,184	3,946	4,352
New York, western	654	435	961	562	894	1,119	997
North Carolina	12,406	10,269	14,394	14,525	11,042	13,268	15,290
North Dakota	--	41	34	41	83	141	103
Ohio	4,582	4,181	5,587	6,153	5,752	6,828	6,925
Oklahoma	2,514	3,168	2,460	2,924	2,660	2,770	2,885
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	3,269	2,442	2,918	2,598	2,762	3,733	4,149
Pennsylvania, western	1,082	837	1,244	995	1,734	2,175	1,969
Rhode Island	5	15	47	40	41	35	35
South Carolina	5,820	4,697	5,823	6,055	5,381	6,251	5,950
South Dakota	--	--	--	--	--	--	--
Tennessee	10,890	8,127	11,143	13,638	11,677	14,610	14,078
Texas, northern	13,003	10,153	12,801	13,950	14,640	15,480	14,197
Texas, southern ³	13,811	12,213	15,742	14,579	14,002	15,491	14,960
Utah	--	--	--	--	--	--	--
Vermont	--	--	4	--	16	54	3
Virginia	4,670	4,123	6,038	5,080	4,908	5,657	6,331
Washington	--	--	--	--	--	--	--
West Virginia	528	279	569	464	493	699	833
Wisconsin	381	68	537	484	656	729	827
Wyoming	--	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--	--
Foreign countries ⁴	--	--	--	--	--	--	--
Total shipments ⁵	189,611	163,274	202,708	194,705	194,101	222,667	224,928

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

Destination	2020					
	August	September	October	November	December	January–December ⁵
Alabama	6,993	6,867	7,193	6,123	5,920	81,859
Alaska	--	--	--	--	--	--
Arizona	3,600	3,389	3,589	3,392	3,973	43,118
Arkansas	4,076	3,988	4,034	3,660	3,650	47,259
California, northern	1,651	4,189	2,126	1,559	2,008	24,057
California, southern	14,618	16,541	9,650	10,896	12,089	159,237
Colorado	300	435	371	376	347	4,658
Connecticut	1,738	1,740	1,552	959	918	16,364
Delaware	419	373	378	335	259	4,295
District of Columbia	--	--	--	--	--	--
Florida	46,205	45,634	45,737	40,794	47,757	545,798
Georgia	12,342	11,529	12,721	10,645	11,281	143,840
Hawaii	103	73	119	106	100	1,192
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	470	618	686	288	363	5,141
Illinois, metropolitan Chicago	1,672	1,749	1,828	1,138	834	14,937
Indiana	3,666	4,110	3,773	3,804	3,426	43,864
Iowa	805	331	531	410	116	5,081
Kansas	206	301	283	267	224	3,133
Kentucky	4,276	4,540	4,242	3,936	3,716	47,989
Louisiana	3,201	3,328	3,730	3,272	3,309	41,253
Maine	41	30	31	10	21	331
Maryland	2,379	2,336	2,349	2,369	2,052	27,323
Massachusetts	1,123	831	887	728	547	9,265
Michigan	4,644	4,437	5,379	3,259	3,201	45,580
Minnesota	16	37	43	8	18	347
Mississippi	2,663	2,830	2,878	2,753	2,390	31,313
Missouri	557	725	854	572	926	8,333
Montana	17	59	29	--	--	160
Nebraska	--	--	46	--	--	71
Nevada	286	95	144	73	216	2,168
New Hampshire	603	439	631	421	223	5,155
New Jersey	3,865	3,362	3,329	2,780	2,194	36,848
New Mexico	252	259	279	267	291	2,792
New York, eastern	642	640	664	469	276	6,334
New York, metropolitan	3,646	3,582	3,498	2,924	2,439	34,253
New York, western	1,052	963	1,111	668	537	9,954
North Carolina	12,492	13,164	14,947	10,844	11,333	153,973
North Dakota	61	77	82	18	--	679
Ohio	6,981	6,954	7,104	5,570	4,263	70,882
Oklahoma	2,443	2,381	2,859	2,398	2,367	31,828
Oregon	--	--	--	--	--	--
Pennsylvania, eastern	4,310	3,411	3,467	2,927	2,385	38,373
Pennsylvania, western	1,880	1,803	1,889	1,354	800	17,761
Rhode Island	15	24	38	15	5	318
South Carolina	5,522	5,373	5,802	5,225	5,156	67,058
South Dakota	--	--	--	--	--	--
Tennessee	12,508	12,602	12,831	11,415	11,042	144,562
Texas, northern	12,558	11,380	13,001	9,619	11,538	152,321
Texas, southern ³	12,995	13,872	14,555	14,216	12,490	168,927
Utah	--	--	--	--	--	--
Vermont	15	5	3	--	5	105
Virginia	5,197	5,332	5,410	4,731	3,967	61,445
Washington	--	--	--	--	--	--
West Virginia	586	657	678	376	314	6,474
Wisconsin	889	636	324	356	200	6,088
Wyoming	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--
Foreign countries ⁴	--	--	--	--	--	--
Total shipments ⁵	206,580	208,032	207,685	178,320	181,487	2,374,096

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

Destination	2021						
	January	February	March	April	May	June	July
Alabama	6,508	5,707	7,129	8,152	7,356	7,447	7,335
Alaska	--	--	--	--	--	--	--
Arizona	3,450	3,782	4,648	4,087	4,264	4,359	3,739
Arkansas	3,413	1,868	4,717	4,397	4,148	3,246	3,885
California, northern	930	1,680	2,480	2,026	1,948	2,544	1,966
California, southern	10,708	11,558	13,595	13,577	12,856	12,117	11,365
Colorado	259	323	244	236	351	478	362
Connecticut	706	503	1,280	1,588	1,265	1,764	1,545
Delaware	418	161	545	467	348	494	485
District of Columbia	--	--	--	--	--	--	--
Florida	46,097	46,143	51,847	49,558	45,116	48,779	43,426
Georgia	11,147	9,949	13,827	14,249	12,813	14,240	11,806
Hawaii	88	126	86	184	104	134	170
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	124	104	315	473	453	660	745
Illinois, metropolitan Chicago	549	274	1,479	1,626	1,472	1,612	1,744
Indiana	2,872	2,146	4,304	4,164	3,947	3,733	4,035
Iowa	135	24	227	523	622	950	1,185
Kansas	181	182	239	239	302	276	133
Kentucky ^c	3,579	1,912	5,156	4,609	4,566	5,207	4,683
Louisiana	3,462	2,730	3,780	2,966	3,013	3,460 ^e	3,504 ^e
Maine	16	25	32	47	49	61	30
Maryland	2,103	854	2,273	2,143	2,341	2,770	2,810
Massachusetts	493	254	690	973	820	861	600
Michigan	2,527	1,812	4,210	4,282	4,197	4,517	4,047
Minnesota	9	--	--	29	50	36	42
Mississippi	2,278	1,665	2,670	2,403	2,263	2,468	2,593
Missouri	530	329	665	718	578	823	772
Montana	--	21	44	--	--	22	27
Nebraska	--	--	23	--	--	--	--
Nevada	121	145	215	193	143	167	165
New Hampshire	165	217	367	542	281	663	423
New Jersey	2,286	945	3,375	3,923	3,688	4,092	3,455
New Mexico	364	341	182	112	221	97	181
New York, eastern	245	182	484	677	504	658	532
New York, metropolitan	2,056	959	3,369	3,621	3,679	3,988	3,473
New York, western	592	360	798	723	936	999	951
North Carolina	11,597	9,916	14,992	16,189	13,386	15,167	13,546
North Dakota	--	41	40	102	61	81	82
Ohio ^c	4,274	2,991	6,310	6,717	6,540	6,779	6,208
Oklahoma	2,282	1,814	3,326	2,432	2,941	2,656	2,956
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	2,828	1,764	3,413	3,521	3,735	3,791	3,565
Pennsylvania, western ^c	842	2,181	1,477	1,969	1,573	1,781	1,885
Rhode Island	8	15	4	19	13	23	12
South Carolina	5,189	4,208	6,368	6,312	5,896	6,979	5,995
South Dakota	--	--	--	--	--	--	--
Tennessee ^c	11,098	7,889	13,152	13,748	12,702	14,461	13,987
Texas, northern	12,089	8,419	14,905	13,849	10,561	12,692 ^e	11,791 ^e
Texas, southern ³	12,827	9,336	15,764	14,615	11,851	13,580 ^e	13,923 ^e
Utah	--	--	--	--	--	--	--
Vermont	--	15	4	3	3	23	--
Virginia	5,098	3,084	5,859	5,572	5,637	5,457	4,816
Washington	--	--	--	--	--	--	--
West Virginia	429	167	660	513	555	614	615
Wisconsin	107	173	649	564	565	491	489
Wyoming	--	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--	--
Foreign countries ⁴	--	--	--	--	--	--	--
Total shipments ^{e,5}	177,077	149,295	222,218	219,632	200,713	218,296	202,080

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2020–DECEMBER 2021^{1,2}

(Metric tons)

Destination	2021					
	August	September	October	November	December	January–December ⁵
Alabama	7,910	6,978	7,494	6,718	6,662	85,397
Alaska	--	--	--	--	--	--
Arizona	3,878	4,233	3,847	4,232	3,322	47,841
Arkansas	3,776	3,559	3,729 ^r	3,701 ^r	3,743	44,182
California, northern	2,129	1,734	2,296	1,733	1,287	22,752
California, southern	10,853	11,702	9,901	9,713	8,728	136,672
Colorado	402	420	275 ^r	450 ^r	229	4,028
Connecticut	1,500	1,684	1,528	1,344 ^{r,e}	1,100 ^e	15,807 ^e
Delaware	414	488	411	433 ^e	301 ^e	4,967 ^e
District of Columbia	--	--	--	--	--	--
Florida	50,166	44,735	50,811	48,388	48,865	573,930
Georgia	12,515	11,794	11,547	12,149	10,622	146,658
Hawaii	124	101	132	114	147	1,511
Idaho	--	--	--	--	--	--
Illinois, excluding Chicago	797	808	500 ^r	377 ^{r,e}	349 ^e	5,706 ^e
Illinois, metropolitan Chicago	1,367	1,673	1,338	1,040 ^e	992 ^e	15,165 ^e
Indiana	4,164	3,628	4,257 ^r	3,406 ^{r,e}	3,617	44,272
Iowa	1,161	1,074	681	494	212	7,287
Kansas	275	250	180 ^r	262 ^e	201	2,721
Kentucky ^c	4,403	4,375	4,404 ^r	3,827 ^r	3,587	50,309
Louisiana	3,012 ^e	2,589 ^e	3,437 ^e	3,161 ^e	3,589 ^e	38,703 ^e
Maine	7	34	21	15	11	347
Maryland	2,674	2,303	2,644	2,252 ^e	2,347 ^e	27,513 ^e
Massachusetts	901	857	642	622 ^e	486 ^e	8,200 ^e
Michigan	4,908	4,331	3,615	3,602	2,732	44,780
Minnesota	49	15	--	15	--	244
Mississippi	2,435	2,333	2,497 ^r	2,075 ^r	2,509	28,188
Missouri	700	753	640 ^r	737	551	7,795
Montana	--	21	--	33	--	167
Nebraska	--	24	--	--	--	46
Nevada	97	144	143	144	169	1,847
New Hampshire	595	373	507	294	343	4,770
New Jersey	3,588	3,365	3,739 ^r	3,583 ^{r,e}	2,600 ^e	38,638 ^e
New Mexico	220	171	175	501	133	2,700
New York, eastern	570	533	516	467 ^e	446 ^e	5,814 ^e
New York, metropolitan	3,395	3,526	3,561	2,822 ^e	2,824 ^e	37,272 ^e
New York, western	784	907	969	767 ^e	700 ^e	9,487 ^e
North Carolina	12,580	12,733	13,688	13,055 ^e	12,152 ^e	159,000 ^e
North Dakota	100	41	21	101	20	688
Ohio ^c	6,398	6,090	6,971 ^r	5,715 ^r	4,843	69,837
Oklahoma	4,361	4,296	3,514 ^r	4,020 ^r	3,809	38,407
Oregon	--	--	--	--	--	--
Pennsylvania, eastern	3,499	3,240	3,204 ^r	2,797 ^{r,e}	2,403 ^e	37,760 ^e
Pennsylvania, western ^c	1,754	1,548	1,893	1,483	1,251	19,638
Rhode Island	34	30	20	16 ^e	16 ^e	210 ^e
South Carolina	6,093	5,869	6,060	5,840 ^e	5,820 ^e	70,631 ^e
South Dakota	--	--	--	--	--	--
Tennessee ^c	12,725	11,693	12,780 ^r	11,059	12,200	147,494
Texas, northern	13,658 ^e	14,069 ^e	14,310 ^{r,e}	13,288 ^r	13,584 ^e	153,214 ^e
Texas, southern ³	14,986 ^e	14,402 ^e	14,471 ^e	14,321 ^e	14,586 ^e	164,660 ^e
Utah	--	--	--	--	--	--
Vermont	--	5	--	--	--	52
Virginia	5,267	4,169	5,081	5,233 ^{r,e}	4,286 ^e	59,558 ^e
Washington	--	--	--	--	--	--
West Virginia	596	414	542	437 ^e	472 ^e	6,016 ^e
Wisconsin	530	501	517	482	178	5,245
Wyoming	--	--	--	--	--	--
Puerto Rico	--	--	--	--	--	--
Foreign countries ⁴	--	20	118 ^r	49 ^r	--	187
Total shipments ^{c,5}	212,349	200,634	209,629 ^r	197,367 ^r	189,026	2,398,315

^cEstimated. ^rRevised. -- Zero.

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

²Includes imported cement and cement manufactured from imported clinker.

³Does not include sales of imported cement likely destined to "Texas, southern" by companies that do not report to the USGS.

⁴Includes U.S. possessions and territories.

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

TABLE 3
SHIPMENTS OF PORTLAND PLUS BLENDED CEMENT BY DESTINATION FOR DECEMBER (2016–2021)¹

(Thousand metric tons)

Destination	2016	2017	2018	2019	2020	5-Year average	2021	Percent rate of change to current year from	
								2020	5-Year average
Alabama	71	88	77	86	111	87	126	13.2	45.7
Alaska	5	7	5	7	5	6	7	53.1	29.0
Arizona	159	184	185	157	224	182	230	2.9	26.7
Arkansas	58	56	49	73	71	61	76	8.0	24.4
California, northern	245	317	258	207	326	271	265 ^e	-18.7	-2.1
California, southern	451	487	459	383	525	461	401	-23.5	-13.0
Colorado	137	157	145	156	163	152	180	10.8	18.9
Connecticut	36	36	33	29	41	35	43 ^e	6.7	24.6
Delaware	14	12	15	13	21	15	16 ^e	-21.0	10.9
District of Columbia	17	17	12	16	19	16	13 ^e	-30.7	-19.4
Florida	517	525	524	572	662	560	767	15.8	36.9
Georgia	194	199	182	238	248	212	280	12.8	31.9
Hawaii	22	24	20	30	26	24	19	-28.4	-23.4
Idaho	18	30	23	39	43	30	47	9.5	55.3
Illinois, excluding Chicago	68	74	67	76	90 ²	75	124 ^e	38.1	64.8
Illinois, metropolitan Chicago	92	87	85	75	77 ²	83	79 ^e	3.1	-4.8
Indiana	103	111	117	124	148	121	160 ^e	8.5	32.8
Iowa	62	86	73	90	118	86	127 ^e	7.4	47.3
Kansas	73	81	80	87	111	86	108	-2.2	25.5
Kentucky	77	73	66	74	80	74	78 ^e	-2.1	5.5
Louisiana	125	103	112	133	125	120	155 ^e	24.5	29.7
Maine	12	11	11	11	16	12	17 ^e	0.9	34.2
Maryland	85	88	82	76	89	84	104 ^e	16.9	24.5
Massachusetts	73	67	71	56	74	68	91 ^e	22.2	33.0
Michigan	86	106	121	114	124	110	116 ^e	-6.7	4.7
Minnesota	60	56	58	58	73	61	91 ^e	24.3	48.7
Mississippi	47	42	39	52	70	50	69 ^e	-2.5	36.5
Missouri	115	120	121	131	164	130	178	9.0	37.0
Montana	8	14	12	16	23	15	20	-11.5	36.5
Nebraska	50	71	62	69	78	66	99	27.5	50.4
Nevada	103	90	87	117	145	108	128 ^e	-11.3	18.5
New Hampshire	12	10	12	9	13	11	13 ^e	2.9	18.9
New Jersey	109	100	94	104	98	101	117 ^e	19.5	15.6
New Mexico	35	42	44	61	57	48	63	9.9	31.6
New York, eastern	33	29	29	23	29	29	38 ^e	31.1	33.6
New York, metropolitan	131	127	125	110	125 ²	124	135 ^e	8.1	9.1
New York, western	30	30	47	25	33	33	43 ^e	31.7	29.8
North Carolina	170	175	144	182	219	178	242 ^e	10.2	35.7
North Dakota	10	17	20	17	18	16	15 ^e	-21.5	-11.3
Ohio	165	183	203	193	199	188	237 ^e	19.2	25.6
Oklahoma	118	118	119	149	113	123	151	33.6	22.5
Oregon	48	60	56	61	73	60	63	-13.3	5.8
Pennsylvania, eastern	101	103	109	108	123	109	155 ^e	26.6	42.9
Pennsylvania, western	58	64	62	47	49	56	68 ^e	38.9	21.1
Rhode Island	10	8	10	7	7	8	10 ^e	48.2	24.7
South Carolina	105	112	92	107	114	106	141	23.7	33.3
South Dakota	13	18	15	14	31	18	26 ^e	-15.8	42.8
Tennessee	107	107	117	147	175	131	201 ^e	14.3	53.4
Texas, northern	515	498	488	600	599	540	683 ^e	14.1	26.6
Texas, southern	571	464	621	805	728	638	723 ^e	-0.7	13.3
Utah	81	98	89	98	137	100	126	-8.3	25.4
Vermont	5	5	5	5	7	5	6 ^e	-11.2	7.7
Virginia	135	133	122	130	149	134	173 ^e	16.2	29.0
Washington	107	118	134	121	161	128	97	-39.7	-24.3
West Virginia	27	28	30	25	20	26	30 ^e	47.7	15.8
Wisconsin	76	77	81	100	92	85	91 ^e	-1.0	6.4
Wyoming	11	16	14	15	13	14	17	35.6	24.4
Puerto Rico	48	38	46	41	61	47	50	-18.0	7.7
Foreign countries ³	33	45	32	26	16	30	24	53.4	-21.1
Total ⁴	6,044	6,244	6,210	6,695	7,544	6,547	7,953	5.4	21.5

^eEstimated.

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

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

³Includes U.S. possessions and territories.

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

TABLE 4
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2020–DECEMBER 2021¹

(Metric tons)

District	2020						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	104,918	99,359	84,903	50,951	87,538	183,329	125,979
Pennsylvania	212,656	137,135	254,068	203,632	260,777	369,378	337,493
District subtotal ²	317,574	236,494	338,970	254,583	348,314	552,708	463,472
East North Central:							
Illinois	112,732	107,950	47,496	93,007	114,948	50,653	70,582
Indiana, Ohio	275,738	285,279	268,751	217,081	190,011	300,397	305,396
Michigan	272,840	265,564	166,463	186,039	271,007	294,139	291,353
District subtotal ²	661,310	658,792	482,709	496,128	575,965	645,189	667,331
West North Central:							
Iowa, Nebraska, South Dakota	222,499	211,479	270,617	162,045	173,092	282,633	274,220
Kansas	197,545	102,717	88,037	207,530	194,812	174,871	187,726
Missouri	637,809	268,236	824,228	800,149	891,485	827,623	816,626
District subtotal ²	1,057,853	582,433	1,182,882	1,169,724	1,259,389	1,285,127	1,278,572
South Atlantic:							
Florida	462,823	484,450	436,233	514,536	602,970	512,049	455,321
Georgia, Maryland, Virginia, West Virginia	224,627	370,162	512,890	514,567	412,734	487,959	507,603
Puerto Rico	W	W	W	W	W	W	W
South Carolina	221,104	179,029	196,360	256,441	299,250	165,695	247,663
District subtotal ^{2,3}	908,554	1,033,642	1,145,483	1,285,544	1,314,954	1,165,702	1,210,588
East South Central:							
Alabama, Kentucky, Tennessee	515,365	354,619	388,603	503,578	622,549	544,510	538,851
West South Central:							
Arkansas and Oklahoma	198,213	146,647	186,880	214,702	222,330	207,121	207,082
Texas, northern	223,001	334,877	444,367	413,033	396,879	461,454	371,642
Texas, southern	527,178	409,265	483,426	505,482	482,950	528,314	514,416
District subtotal ²	948,392	890,789	1,114,673	1,133,216	1,102,159	1,196,889	1,093,140
Mountain and Pacific:							
Arizona and New Mexico	217,843	201,383	188,197	243,537	268,569	272,031	262,416
California	528,333	645,117	860,927	842,194	734,997	657,497	772,615
Colorado and Wyoming	273,586	157,897	199,568	269,024	264,677	274,736	282,009
Montana, Nevada, Oregon, Utah, Washington	200,839	200,254	169,884	214,007	294,951	289,391	319,569
District subtotal ²	1,220,601	1,204,652	1,418,577	1,568,762	1,563,195	1,493,655	1,636,609
Grand total ^{2,3}	5,629,648	4,961,420	6,071,897	6,411,535	6,786,526	6,883,779	6,888,563

See footnotes at end of table.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2020–DECEMBER 2021¹

(Metric tons)

District	2020					January–December ²
	August	September	October	November	December	
New England and Middle Atlantic:						
Maine and New York	164,042	155,296	181,405	189,512	124,609	1,551,840
Pennsylvania	257,364	308,580	322,839	317,986	332,692	3,314,599
District subtotal ²	421,405	463,875	504,244	507,498	457,301	4,866,439
East North Central:						
Illinois	93,488	106,195	117,520	107,546	100,692	1,122,808
Indiana, Ohio	309,793	287,943	317,906	301,369	291,209	3,350,872
Michigan	283,579	157,639	283,922	266,251	281,981	3,020,776
District subtotal ²	686,860	551,777	719,348	675,166	673,882	7,494,456
West North Central:						
Iowa, Nebraska, South Dakota	310,753	297,638	295,292	204,953	234,171	2,939,392
Kansas	206,642	212,953	221,642	208,805	189,945	2,193,226
Missouri	839,209	923,852	794,835	784,304	867,534	9,275,890
District subtotal ²	1,356,604	1,434,443	1,311,770	1,198,062	1,291,650	14,408,508
South Atlantic:						
Florida	527,409	515,060	477,655	496,080	500,572	5,985,159
Georgia, Maryland, Virginia, West Virginia	420,798	533,045	533,548	504,661	452,174	5,474,768
Puerto Rico	W	W	W	W	W	W
South Carolina	278,560	201,575	191,111	181,686	266,445	2,684,918
District subtotal ^{2,3}	1,226,767	1,249,680	1,202,315	1,182,427	1,219,190	14,144,846
East South Central:						
Alabama, Kentucky, Tennessee	550,996	563,564	545,597	567,640	546,697	6,242,569
West South Central:						
Arkansas and Oklahoma	200,462	175,292	212,834	249,959	197,363	2,418,885
Texas, northern	502,331	384,000	462,588	509,409	417,331	4,920,912
Texas, southern	526,296	519,378	464,599	444,540	537,912	5,943,756
District subtotal ²	1,229,088	1,078,669	1,140,021	1,203,909	1,152,607	13,283,552
Mountain and Pacific:						
Arizona and New Mexico	222,381	227,262	243,226	236,176	243,819	2,826,840
California	744,456	788,756	905,291	972,979	1,022,378	9,475,541
Colorado and Wyoming	276,126	266,375	226,793	236,104	258,900	2,985,794
Montana, Nevada, Oregon, Utah, Washington	353,280	321,727	355,612	339,002	346,263	3,404,780
District subtotal ²	1,596,243	1,604,119	1,730,922	1,784,261	1,871,360	18,692,955
Grand total ^{2,3}	7,067,963	6,946,128	7,154,217	7,118,963	7,212,687	79,133,326

See footnotes at end of table.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2020–DECEMBER 2021¹

(Metric tons)

District	2021						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	114,346	61,653	82,620	167,064	116,386	210,486	162,561
Pennsylvania	236,112	65,071	208,994	310,933	373,210	289,259	300,079
District subtotal ²	350,458	126,724	291,614	477,997	489,597	499,745	462,641
East North Central:							
Illinois	76,141	47,989	105,455	86,964	124,703	128,928	109,971
Indiana, Ohio	180,809	120,908	242,692	260,242	295,347	304,680	243,849
Michigan	255,902	184,894	196,818	227,906	306,317	321,950	309,132
District subtotal ²	512,852	353,791	544,965	575,112	726,367	755,558	662,952
West North Central:							
Iowa, Nebraska, South Dakota	253,581	172,564	167,723	258,181	271,547	253,722	321,594
Kansas	69,331	29,774	186,461	217,582	228,383	206,322	236,630
Missouri	634,646	453,979	375,232	841,720	904,216	876,094	812,659
District subtotal ²	957,558	656,316	729,416	1,317,484	1,404,145	1,336,138	1,370,883
South Atlantic:							
Florida	402,406	464,435	573,882	433,269	596,170	587,529	530,864
Georgia, Maryland, Virginia, West Virginia	374,865	378,399	382,821	491,039	535,980	482,214	317,553
Puerto Rico	W	W	W	W	W	W	W
South Carolina	291,313	209,136	173,373	154,873	260,782	262,987	219,854
District subtotal ^{2,3}	1,068,585	1,051,971	1,130,076	1,079,181	1,392,932	1,332,730	1,068,270
East South Central:							
Alabama, Kentucky, Tennessee ^e	506,606	420,923	441,356	604,585	582,573	596,136	599,303
West South Central:							
Arkansas and Oklahoma	208,735	91,098	175,370	178,724	208,271	232,257	224,404
Texas, northern	234,356	160,193	389,391	450,847	419,876	443,588	387,340
Texas, southern	479,625	316,395	493,123	448,639	460,062	469,006 ^e	454,539 ^e
District subtotal ²	922,716	567,686	1,057,884	1,078,211	1,088,209	1,144,851 ^e	1,066,283 ^e
Mountain and Pacific:							
Arizona and New Mexico	237,126	225,356	237,708	230,150	272,112	182,272	269,021
California	666,717	607,040	759,461	773,337	840,492	769,829	723,133
Colorado and Wyoming	152,408	92,975	190,870	251,363	220,073	258,559	219,088
Montana, Nevada, Oregon, Utah, Washington	259,816	257,404	281,050	304,446	285,950	318,019	335,695
District subtotal ²	1,316,067	1,182,775	1,469,089	1,559,295	1,618,627	1,528,678	1,546,937
Grand total ^{e, 2, 3}	5,634,843	4,360,186	5,664,400	6,691,863	7,302,450	7,193,837	6,777,270

See footnotes at end of table.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2020–DECEMBER 2021¹

(Metric tons)

District	2021					
	August	September	October	November	December	January–December ²
New England and Middle Atlantic:						
Maine and New York	213,686	198,487	180,217	176,887 ^e	159,434 ^e	1,843,827 ^e
Pennsylvania	287,971	284,732	369,224 ^r	373,053 ^{r,e}	359,371 ^e	3,458,010 ^e
District subtotal ²	501,658	483,218	549,441 ^r	549,940 ^{r,e}	518,805 ^e	5,301,837 ^e
East North Central:						
Illinois	129,167	95,198	95,253	114,339 ^r	106,895	1,221,004
Indiana, Ohio	319,989	245,424	309,944	295,333 ^e	237,134 ^e	3,056,351 ^e
Michigan	291,136	311,725	288,105	301,463	312,834	3,308,183
District subtotal ²	740,292	652,347	693,302	711,135 ^{r,e}	656,863 ^e	7,585,537 ^e
West North Central:						
Iowa, Nebraska, South Dakota	286,833	275,264	289,138	278,960 ^e	183,217 ^e	3,012,324 ^e
Kansas	233,527	225,446	212,406	188,358	175,735	2,209,954
Missouri	838,510	839,838	820,783	785,140	788,961	8,971,779
District subtotal ²	1,358,869	1,340,549	1,322,326	1,252,458 ^e	1,147,913 ^e	14,194,056 ^e
South Atlantic:						
Florida	559,188	482,473	530,174	558,038	556,122	6,274,550
Georgia, Maryland, Virginia, West Virginia	487,030	325,100	447,018	476,553 ^e	511,581 ^e	5,210,153 ^e
Puerto Rico	W	W	W	W	W	W
South Carolina	250,710	263,607	193,591	236,453	283,424	2,800,104
District subtotal ^{2,3}	1,296,929	1,071,179	1,170,783	1,271,045 ^e	1,351,127 ^e	14,284,807 ^e
East South Central:						
Alabama, Kentucky, Tennessee ^e	618,365	559,547	643,052	580,263	548,300	6,701,011
West South Central:						
Arkansas and Oklahoma	234,675	212,549	191,817	202,637	210,143	2,370,679
Texas, northern	474,609	468,852	530,059 ^r	497,213 ^r	528,513	4,984,838
Texas, southern	508,726 ^e	482,988 ^e	534,178 ^e	505,822 ^e	521,394 ^e	5,674,497 ^e
District subtotal ²	1,218,010 ^e	1,164,389 ^e	1,256,054 ^{r,e}	1,205,672 ^{r,e}	1,260,050 ^e	13,030,014 ^e
Mountain and Pacific:						
Arizona and New Mexico	260,551	249,072	234,031	228,397	235,002	2,860,798
California	779,537	714,255	795,420	744,080	762,082	8,935,384
Colorado and Wyoming	270,696	238,825	290,719	284,912	211,496	2,681,983
Montana, Nevada, Oregon, Utah, Washington	284,388	332,795	355,593	307,502	292,467 ^e	3,615,125 ^e
District subtotal ²	1,595,172	1,534,948	1,675,763	1,564,892	1,501,047 ^e	18,093,290 ^e
Grand total ^{e,2,3}	7,329,294	6,806,177	7,310,721 ^r	7,135,405 ^r	6,984,105	79,190,552

^eEstimated. ^rRevised. W Withheld to avoid disclosing company proprietary data.

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

²Data may not add to totals shown because of independent rounding.

³Excludes Puerto Rico.

TABLE 5
HYDRAULIC CEMENT AND CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT
AND COUNTRY OR LOCALITY, DECEMBER 2021¹

(Metric tons, unless otherwise specified)

Customs district	Brazil	Canada	China	Colombia	Croatia	Egypt	France
Anchorage, AK	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	2,512	--	--
Boston, MA	--	--	--	--	--	--	--
Buffalo, NY	--	43,532	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--
Chicago, IL	--	--	--	--	--	--	--
Cleveland, OH	--	47,023	--	--	--	--	--
Columbia-Snake, OR	--	--	--	--	--	--	--
Dallas-Fort Worth, TX	--	--	--	--	--	--	--
Detroit, MI ³	--	159,985	--	--	--	--	--
El Paso, TX ³	--	--	17	--	--	--	--
Great Falls, MT	--	17,931	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--
Houston-Galveston, TX	7	--	--	10,500	--	--	--
Laredo, TX	--	--	--	--	--	--	--
Los Angeles, CA	--	--	--	--	--	--	--
Miami, FL	--	--	--	--	--	12,125	--
Minneapolis, MN	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--
New York City, NY	--	45,708	--	--	--	--	--
Nogales, AZ	--	--	--	--	--	--	--
Norfolk, VA	4,002	--	--	11,739	--	--	129
Ogdensburg, NY	--	20,577	--	--	--	--	--
Pembina, ND	--	2,307	--	--	--	--	--
Philadelphia, PA	--	--	--	--	--	--	--
Portland, ME	--	2,391	--	--	--	--	--
Providence, RI	--	27,606	--	--	--	--	--
San Diego, CA	--	--	--	--	--	--	--
San Francisco, CA	--	--	--	--	--	--	--
San Juan, PR	--	--	--	5,709	--	--	--
Savannah, GA	--	--	--	10,512	--	--	--
Seattle, WA ³	--	55,536	42	--	--	--	33
St. Albans, VT	--	22,899	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--
Tampa, FL	--	--	--	22,546	--	--	--
U.S. Virgin Islands	--	--	--	2,102	--	--	--
Wilmington, NC	--	--	--	--	--	--	--
Total:							
Quantity ³	4,009	445,495	59	63,108	2,512	12,125	162
Value ^{2,3}	\$2,117,627	\$43,859,362	\$19,903	\$6,520,683	\$1,141,311	\$2,427,000	\$123,170

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 2021¹

(Metric tons, unless otherwise specified)

Customs district	Germany	Greece	Italy	Japan	Korea, Republic of	Mexico	Netherlands
Anchorage, AK	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--
Chicago, IL	--	--	--	32	--	--	--
Cleveland, OH	--	--	--	--	--	--	257
Columbia-Snake, OR	--	--	--	--	46,560	--	19
Dallas-Fort Worth, TX	--	--	--	--	--	--	--
Detroit, MI ³	--	--	--	--	--	--	38
El Paso, TX ³	--	--	--	--	--	25,337	--
Great Falls, MT	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	--	--	--	--
Houston-Galveston, TX	--	44,000	--	--	--	--	--
Laredo, TX	--	--	--	--	--	16,571	--
Los Angeles, CA	20	--	--	--	--	5,500	--
Miami, FL	--	--	--	--	--	10,999	--
Minneapolis, MN	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	38
New York City, NY	--	61,500	--	31	--	--	56
Nogales, AZ	--	--	--	--	--	24,643	--
Norfolk, VA	--	27,321	--	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--
Philadelphia, PA	19	--	--	--	--	--	--
Portland, ME	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	--	--	--
San Diego, CA	--	--	--	--	--	150	--
San Francisco, CA	--	--	--	--	30,800	58,500	--
San Juan, PR	--	--	--	--	--	--	--
Savannah, GA	--	--	1	--	--	--	--
Seattle, WA ³	--	--	--	--	--	--	19
St. Albans, VT	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--
Tampa, FL	--	50,129	--	--	--	21,716	--
U.S. Virgin Islands	--	--	--	--	--	--	--
Wilmington, NC	--	--	--	--	--	--	--
Total:							
Quantity ³	39	182,950	1	63	77,360	163,416	427
Value ^{2,3}	\$32,160	\$10,077,428	\$2,974	\$131,842	\$5,782,007	\$15,613,963	\$435,305

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 2021¹

(Metric tons, unless otherwise specified)

Customs district	Poland	Spain	Sweden	Taiwan	Turkey	United Kingdom	Vietnam
Anchorage, AK	--	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	--	--	--
Boston, MA	--	--	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--	--
Charleston, SC	--	--	--	--	--	--	--
Chicago, IL	--	--	--	--	--	1	--
Cleveland, OH	--	--	--	--	--	--	--
Columbia-Snake, OR	--	--	--	--	--	--	32,700
Dallas-Fort Worth, TX	--	--	--	--	--	--	--
Detroit, MI ³	--	--	--	--	--	--	--
El Paso, TX ³	--	--	--	--	--	--	--
Great Falls, MT	--	--	--	--	--	--	--
Honolulu, HI	--	--	--	35,500	--	--	--
Houston-Galveston, TX	646	--	--	--	268,745	373	--
Laredo, TX	--	--	--	--	--	--	--
Los Angeles, CA	--	--	--	--	--	--	--
Miami, FL	--	20,002	--	--	26,650	--	--
Minneapolis, MN	--	--	--	--	--	--	--
Mobile, AL	--	--	--	--	--	--	--
New Orleans, LA	--	--	--	--	--	--	--
New York City, NY	--	--	--	--	25,920	--	--
Nogales, AZ	--	--	--	--	--	--	--
Norfolk, VA	--	--	225	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--	--
Philadelphia, PA	--	--	--	--	61,415	45	--
Portland, ME	--	--	--	--	--	--	--
Providence, RI	--	--	--	--	31,050	--	--
San Diego, CA	--	--	--	--	--	--	--
San Francisco, CA	--	--	--	--	--	--	33,885
San Juan, PR	--	--	--	--	25,580	--	--
Savannah, GA	--	--	--	--	8,001	--	--
Seattle, WA ³	--	11	--	30,361	--	--	--
St. Albans, VT	--	--	--	--	--	--	--
St. Louis, MO	--	--	--	--	--	--	--
Tampa, FL	--	--	--	--	12,744	--	--
U.S. Virgin Islands	--	--	--	--	--	--	--
Wilmington, NC	--	--	--	--	44,088	--	--
Total:							
Quantity ³	646	20,013	225	65,861	504,193	419	66,585
Value ^{2,3}	\$916,536	\$2,807,571	\$72,384	\$5,202,607	\$33,364,918	\$114,196	\$4,573,246

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 2021¹

(Metric tons, unless otherwise specified)

Customs district	December		Country or locality	January–December	
	Total	January–December		Quantity	Value ²
Anchorage, AK	--	79,800	Azerbaijan	23	\$2,970
Baltimore, MD	2,512	19,335	Brazil	20,066	7,920,212
Boston, MA	--	34	Canada ³	5,257,701	538,780,238
Buffalo, NY	43,532	484,397	China	2,775	712,271
Charleston, SC	--	163,147	Colombia	406,560	35,457,666
Chicago, IL	33	551	Croatia	25,446	11,776,237
Cleveland, OH	47,280	542,459	Cyprus	50,512	3,396,690
Columbia-Snake, OR	79,279	884,250	Denmark	144,308	19,425,643
Dallas-Fort Worth, TX	--	77	Egypt	301,621	33,082,471
Detroit, MI ³	160,023	1,509,181	France	111,994	39,982,782
El Paso, TX ³	25,354	380,486	Germany	161	154,337
Great Falls, MT	17,931	358,225	Greece	2,191,267	123,111,182
Honolulu, HI	35,500	290,580	Indonesia	10,785	721,767
Houston-Galveston, TX	324,271	4,411,493	Italy	551	530,642
Laredo, TX	16,571	318,866	Japan	6,117	1,496,127
Los Angeles, CA	5,520	299,692	Korea, Republic of	937,752	67,727,945
Miami, FL	69,776	1,011,989	Mexico ³	1,773,384	175,596,591
Minneapolis, MN	--	141,565	Mozambique	18,100	1,294,221
Mobile, AL	--	269,251	Netherlands	3,413	3,672,186
New Orleans, LA	38	354,173	Panama	6,877	1,254,880
New York City, NY	133,215	1,532,303	Poland	8,228	10,225,236
Nogales, AZ	24,643	310,145	Portugal	1	3,556
Norfolk, VA	43,416	477,840	Saudi Arabia	563,570	27,043,095
Ogdensburg, NY	20,577	180,991	South Africa	77	42,571
Pembina, ND	2,307	98,879	Spain	288,229	27,764,695
Philadelphia, PA	61,479	581,783	Sweden	225	72,384
Portland, ME	2,391	128,097	Taiwan	686,251	51,459,162
Providence, RI	58,656	511,672	Thailand	664,437	54,461,101
San Diego, CA	150	2,062	Tunisia	108,537	15,928,944
San Francisco, CA	123,185	2,361,745	Turkey	6,856,710	434,883,230
San Juan, PR	31,289	702,665	Turks and Caicos Islands	42	8,508
Savannah, GA	18,514	476,232	United Arab Emirates	3,633	667,420
Seattle, WA ³	86,002	1,496,225	United Kingdom	1,739	1,038,559
St. Albans, VT	22,899	263,191	Vietnam	1,664,121	140,622,826
St. Louis, MO	--	181	Total ^{2,3}	22,115,213	1,830,318,345
Tampa, FL	107,135	1,330,619			
U.S. Virgin Islands	2,102	4,204			
Wilmington, NC	44,088	136,828			
Total:					
Quantity ³	1,609,668	22,115,213			
Value ^{2,3}	\$135,336,193	\$1,830,318,345			

-- Zero.

¹Includes white cement and clinker.

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

³Clinker data for the Detroit and Seattle districts from Canada and cement data for the El Paso district from Mexico are thought to be underrepresented.

Source: U.S. Census Bureau.

TABLE 6
 WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT
 AND COUNTRY OR LOCALITY, DECEMBER 2021^{1,2}

(Metric tons, unless otherwise specified)

Customs district	Canada	China	Egypt	Italy	Mexico	Spain	Turkey
Buffalo, NY	5,043	--	--	--	--	--	--
Detroit, MI	16,731	--	--	--	--	--	--
El Paso, TX	--	--	--	--	2,099	--	--
Houston-Galveston, TX	--	--	--	--	--	--	21,195
Laredo, TX	--	--	--	--	10,289	--	--
Miami, FL	--	--	12,125	--	--	20,000	--
Ogdensburg, NY	1,498	--	--	--	--	--	--
Philadelphia, PA	--	--	--	--	--	--	12,002
San Diego, CA	--	--	--	--	150	--	--
Savannah, GA	--	--	--	1	--	--	8,001
Seattle, WA	--	42	--	--	--	--	--
Tampa, FL	--	--	--	--	--	--	12,744
Total:							
Quantity	23,272	42	12,125	1	12,538	20,000	53,942
Value ³	\$3,144,865	\$13,416	\$2,427,000	\$2,974	\$2,097,387	\$2,796,800	\$5,957,893

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 2021^{1,2}

(Metric tons, unless otherwise specified)

Customs district	December		Country or locality	January–December	
	Total	January–December		Quantity	Value ³
Buffalo, NY	5,043	65,156	Azerbaijan	23	\$2,970
Cleveland, OH	--	1	Canada	288,495	39,080,275
Detroit, MI	16,731	207,479	China	186	45,891
El Paso, TX	2,099	33,096	Denmark	144,308	19,425,643
Houston-Galveston, TX	21,195	729,462	Egypt	221,975	27,890,160
Laredo, TX	10,289	139,720	France	1	4,053
Los Angeles, CA	--	32,365	Germany	6	23,495
Miami, FL	32,125	220,020	Italy	11	21,561
New Orleans, LA	--	2	Japan	1	4,249
New York City, NY	--	15,608	Mexico	185,966	30,547,442
Ogdensburg, NY	1,498	15,950	Portugal	1	3,556
Philadelphia, PA	12,002	73,901	Spain	145,100	13,708,446
San Diego, CA	150	1,646	Thailand	1,298	260,841
San Francisco, CA	--	7,087	Tunisia	3,501	535,583
San Juan, PR	--	19,246	Turkey	811,342	62,232,592
Savannah, GA	8,002	34,708	Turks and Caicos Islands	42	8,508
Seattle, WA	42	86	United Arab Emirates	3,633	667,420
St. Albans, VT	--	20	Total	1,805,889	194,462,685
Tampa, FL	12,744	210,336			
Total:					
Quantity	121,920	1,805,889			
Value ³	\$16,440,335	\$194,462,685			

-- Zero.

¹Data included in table 5.

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

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

Source: U.S. Census Bureau.

TABLE 7
CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES BY CUSTOMS DISTRICT
AND COUNTRY OR LOCALITY, DECEMBER 2021¹

(Metric tons, unless otherwise specified)

Customs district	Canada	Turkey	December		Country or locality	January–December	
			Total	January–December		Quantity	Value ²
Charleston, SC	--	--	--	163,147	Canada ³	664,044	\$52,022,197
Detroit, MI ³	102,388	--	102,388	662,764	Egypt	57,838	3,889,575
Houston-Galveston, TX	--	76,956	76,956	736,559	France	12,025	5,073,764
Los Angeles, CA	--	--	--	741	Indonesia	10,785	721,767
Mobile, AL	--	--	--	201,727	Saudi Arabia	563,570	27,043,095
New Orleans, LA	--	--	--	10,625	Thailand	741	49,537
Norfolk, VA	--	--	--	12,025	Tunisia	44,000	5,117,350
San Juan, PR	--	--	--	277,795	Turkey	1,043,384	71,058,687
Savannah, GA	--	--	--	165,871	Total	2,396,387	164,975,972
Seattle, WA ³	70	--	70	1,280			
Tampa, FL	--	--	--	104,765			
Wilmington, NC	--	44,088	44,088	59,088			
Total:							
Quantity	102,458	121,044	223,502	2,396,387			
Value ²	\$8,040,896	\$9,006,580	\$17,047,476	\$164,975,972			

-- 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.

Source: U.S. Census Bureau.