

Mineral Industry Surveys

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CEMENT IN JANUARY 2023

This report provides monthly data on the shipments of cement to final customers and the production of clinker in the United States from January 2022 through January 2023. Data on the imports of cement and clinker for January 2023 also are provided.

Total shipments of portland and blended cement, including imports, in the United States and Puerto Rico in January 2023 were an estimated 6.6 million metric tons (Mt), essentially unchanged from shipments in January 2022 (tables 2A and 2B). Of total blended tonnage reported, 2.1 Mt (95%) was estimated to be portland-limestone cement (Type IL). The leading producing States for portland and blended cement in January 2023 were, in descending order, Texas, Florida, California, Missouri, and Alabama (table 1A). The leading cement-consuming States (Texas, Florida, California, Georgia, and Arizona, in descending order) received 46.7% of January shipments (tables 2A and 2B).

Masonry cement shipments totaled an estimated 188,000 metric tons in January 2023, a 7.6% increase from those in January 2022 (table 2C). The leading masonry-cement-consuming States in January 2023 were, in descending order, Florida, Texas, North Carolina, Georgia, Tennessee, and California; these States received 64.9% of January shipments (table 2C).

Clinker production, excluding Puerto Rico, totaled an estimated 5.6 Mt in January 2023, a slight decrease from

production in January 2022 (table 4). The leading clinker-producing States in January 2023 were, in descending order, Texas, Missouri, Florida, California, and Pennsylvania; these states accounted for 49.0% of January 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. January 2023 imports of cement and clinker, including Puerto Rico, totaled 2.2 Mt, a 31.1% increase from imports in January 2022.

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TABLE 1A
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2022–JANUARY 2023^{1,2}

(Metric tons)

District	2022						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	109,619	99,395	164,000	189,847	184,752	230,232	208,522
Pennsylvania	192,175	187,209	304,943	334,249	377,706	408,602	357,215
District subtotal ³	301,794	286,604	468,943	524,096	562,458	638,834	565,737
East North Central:							
Illinois	65,318	61,361 ^e	90,884	111,836 ^e	138,651	147,251	129,416
Indiana and Ohio	145,847	138,338	285,019	318,223	354,357	395,369	330,410
Michigan	107,193	115,309	187,550	316,023	489,995	564,387	502,052
District subtotal ³	318,358	315,008 ^e	563,452	746,082 ^e	983,004	1,107,007	961,879
West North Central:							
Iowa, Nebraska, South Dakota	107,687	115,971	174,904	250,268	363,350	476,666	400,703
Kansas	137,206	137,865	225,014	245,354	190,076	254,611	230,940
Missouri	497,706	516,608	802,986	791,223	853,095	1,087,409	911,325
District subtotal ³	742,600	770,444	1,202,905	1,286,844	1,406,521	1,818,686	1,542,969
South Atlantic:							
Florida ^e	640,449	620,835	664,166	579,521	546,158	593,858	564,636
Georgia, Maryland, Virginia, West Virginia	305,299	388,310	532,717	546,157	560,630	605,402	546,591
Puerto Rico	21,245	25,278	32,586	27,562	27,297	28,126	24,417
South Carolina	221,304	249,131	315,389	291,550	322,880	371,779	297,007
District subtotal ^{e, 3}	1,188,297	1,283,554	1,544,859	1,444,791	1,456,965	1,599,165	1,432,651
East South Central:							
Alabama, Kentucky, Tennessee	530,699	574,243	746,657	632,324	630,612	693,983	618,075
West South Central:							
Arkansas and Oklahoma	187,434	146,705	171,577	260,566	271,578	231,887	214,303
Texas, northern ^e	446,995	338,621	587,449	426,621	508,995	568,736	502,040
Texas, southern ^e	502,206	479,217	667,878	544,296	546,445	497,223	422,454
District subtotal ^{e, 3}	1,136,635	964,543	1,426,905	1,231,483	1,327,018	1,297,847	1,138,797
Mountain and Pacific:							
Arizona and New Mexico	252,450	217,468	324,961	265,351	253,096	248,488	242,597
California	758,916 ^f	746,771 ^f	848,802 ^f	810,355 ^f	809,746 ^f	919,484 ^f	833,139
Colorado and Wyoming	168,881	149,169	250,339	291,080	311,813	354,671	290,713
Montana, Nevada, Oregon, Utah, Washington	252,245	257,692	364,313	373,324	361,534	400,592	356,404
District subtotal ³	1,432,492 ^f	1,371,100 ^f	1,788,414 ^f	1,740,110 ^f	1,736,189 ^f	1,923,235 ^f	1,722,853
U.S. total ^{e, 3}	5,650,875 ^f	5,565,497 ^f	7,742,134 ^f	7,605,731 ^f	8,102,767 ^f	9,078,757 ^f	7,982,960
Imports ⁴	996,665	1,199,417	1,550,070	1,578,028	1,692,803	1,752,440	1,580,055
Grand total ^{e, 3}	6,647,540 ^f	6,764,914 ^f	9,292,204 ^f	9,183,759 ^f	9,795,570 ^f	10,831,196 ^f	9,563,015

See footnotes at end of table.

TABLE 1A—Continued
 PORTLAND AND BLENDED CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2022–JANUARY 2023^{1,2}

(Metric tons)

District	2022						2023
	August	September	October	November	December	January–December ³	January
New England and Middle Atlantic:							
Maine and New York	256,907	237,201	245,503	231,170	191,266	2,348,413	119,166
Pennsylvania	414,061	381,355	386,461	381,827	250,147	3,975,951	230,341
District subtotal ³	670,968	618,556	631,964	612,997	441,413	6,324,364	349,507
East North Central:							
Illinois	154,710	134,369	165,927	113,922	94,652	1,408,298	80,992
Indiana and Ohio	409,326	374,279	313,888	294,195	203,413	3,562,666	171,526
Michigan	564,230	523,114	483,163	428,555	355,818	4,637,389	169,857
District subtotal ³	1,128,267	1,031,763	962,978	836,673	653,882	9,608,353	422,374
West North Central:							
Iowa, Nebraska, South Dakota	452,284	409,674	382,926	220,396	152,129	3,506,958	111,526
Kansas	272,751	265,013	263,831	209,574	158,877	2,591,113	134,918
Missouri	993,874	998,394	1,006,149	799,673	550,749	9,809,192	447,681
District subtotal ³	1,718,909	1,673,081	1,652,906	1,229,644	861,755	15,907,263	694,125
South Atlantic:							
Florida ^e	604,212	474,052	538,618	500,124	559,522	6,886,151	595,076
Georgia, Maryland, Virginia, West Virginia	659,757	585,754	579,308	506,723	405,024	6,221,673	401,808
Puerto Rico	24,835	17,745	22,455	21,209	25,309	298,064	23,130
South Carolina	309,242	299,170	280,068	261,901	223,111	3,442,532	257,816
District subtotal ^{e,3}	1,598,047	1,376,721	1,420,449	1,289,957	1,212,966	16,848,420	1,277,829
East South Central:							
Alabama, Kentucky, Tennessee	716,514	716,959	672,959	598,467	479,189	7,610,682	494,843
West South Central:							
Arkansas and Oklahoma	233,883	237,979	200,544	145,295	140,164	2,441,916	153,540
Texas, northern ^e	504,558	540,820	573,482	483,255	471,801	5,953,374	525,098
Texas, southern ^e	490,371	517,456	515,918	435,077	465,701	6,084,241	516,775
District subtotal ^{e,3}	1,228,812	1,296,255	1,289,944	1,063,626	1,077,666	14,479,531	1,195,413
Mountain and Pacific:							
Arizona and New Mexico	276,439	263,886	256,380	251,537	209,423	3,062,075	241,313
California	899,152	770,544	850,082	729,910	703,824	9,680,726 ^f	515,556
Colorado and Wyoming	330,791	272,488	300,256	211,636	161,717	3,093,554	118,425
Montana, Nevada, Oregon, Utah, Washington	410,203	394,224	400,362	279,072	199,405	4,049,370	188,530
District subtotal ³	1,916,585	1,701,143	1,807,081	1,472,155	1,274,368	19,885,725 ^f	1,063,824
U.S. total ^{e,3}	8,978,102	8,414,478	8,438,281	7,103,518	6,001,240	90,664,338 ^f	5,497,915
Imports ⁴	1,902,841	1,852,488	2,034,111	1,675,911	1,311,256	19,126,086	1,112,939
Grand total ^{e,3}	10,880,943	10,266,966	10,472,393	8,779,429	7,312,496	109,790,424 ^f	6,610,854

^eEstimated. ^fRevised.

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 2022–JANUARY 2023^{1,2}

(Metric tons)

District	2022						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	1,168	1,311	2,657	2,766	3,005	3,744	2,924
Pennsylvania	7,829	8,310	13,820	15,415	14,659	16,678	14,184
District subtotal ³	8,997	9,621	16,477	18,181	17,664	20,422	17,108
East North Central:							
Illinois, Indiana, Ohio	9,840	9,426	17,038	14,978	17,685	18,263	16,193
Michigan	2,749	2,380	5,255	5,344	6,094	6,858	6,120
District subtotal ³	12,589	11,805	22,293	20,322	23,779	25,122	22,313
West North Central:							
Iowa, Kansas, Missouri, Nebraska, South Dakota	1,944	1,999	3,309	2,962	3,584	3,647	2,451
South Atlantic:							
Florida ^e	46,071	43,438	49,631	44,399	49,694	48,562	47,007
Georgia, Maryland, Virginia, West Virginia	22,321	22,450	30,948	28,637	27,468	29,757	27,663
Puerto Rico	--	--	--	--	--	--	--
South Carolina	14,400	14,325	18,500	16,976	16,534	17,211	18,142
District subtotal ^{e,3}	82,792	80,213	99,079	90,012	93,696	95,529	92,811
East South Central:							
Alabama, Kentucky, Tennessee	18,738	17,370	22,972	22,263	23,765	23,478	20,819
West South Central:							
Arkansas and Oklahoma	7,251	5,664	7,830	9,509	8,830	8,798	10,434
Texas ^e	25,743	22,776	30,721	24,808	26,157	26,927	24,529
District subtotal ^{e,3}	32,994	28,440	38,551	34,317	34,986	35,725	34,963
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	4,140	4,053	5,222	5,251	8,186	9,121	9,363
California	11,462	11,922 ^r	14,120	13,561	12,963	17,224	12,441
District subtotal ³	15,603	15,976 ^r	19,342	18,811	21,148	26,345	21,804
U.S. total ^{e,3}	173,657	165,424 ^r	222,023	206,868	218,622	230,267	212,269
Imports ⁴	851	1,185	1,899	2,184	2,144	2,131	2,340
Grand total ^{e,3}	174,508	166,609 ^r	223,922	209,052	220,766	232,398	214,609

See footnotes at the end of table.

TABLE 1B—Continued
MASONRY CEMENT SHIPMENTS, BY DISTRICT OF ORIGIN, JANUARY 2022–JANUARY 2023^{1,2}

(Metric tons)

District	2022						2023
	August	September	October	November	December	January–December ³	January
New England and Middle Atlantic:							
Maine and New York	3,394	2,376	2,636 ^r	1,851	881	28,711	1,240
Pennsylvania	16,466	14,881	14,170	13,223	10,590	160,225	10,854
District subtotal ³	19,860	17,257	16,807	15,074	11,470	188,937	12,094
East North Central:							
Illinois, Indiana, Ohio	19,408	16,964	16,828	15,314	11,144	183,081	11,016
Michigan	7,298	6,757	9,973	8,813	6,619	74,260	4,082
District subtotal ³	26,707	23,721	26,801	24,127	17,763	257,342	15,098
West North Central:							
Iowa, Kansas, Missouri, Nebraska, South Dakota	2,732	3,120	2,736	2,362	1,769	32,617	2,047
South Atlantic:							
Florida ^e	55,313	42,004	49,897	45,914	45,940	567,870	54,699
Georgia, Maryland, Virginia, West Virginia	28,399	27,146	23,100	21,761	16,826	306,473	19,543
Puerto Rico	--	--	--	--	--	--	--
South Carolina	18,859	16,200	17,822	17,365	14,268	200,603	15,585
District subtotal ^{e,3}	102,571	85,350	90,818	85,040	77,034	1,074,946	89,827
East South Central:							
Alabama, Kentucky, Tennessee	28,357	25,426	23,294	21,241	16,877	264,599	20,237
West South Central:							
Arkansas and Oklahoma	10,522	10,118	8,887	7,392	6,045	101,280	6,954
Texas ^e	28,242	25,441	24,741	20,071	18,470	298,625	21,635
District subtotal ^{e,3}	38,764	35,559	33,628	27,462	24,516	399,905	28,590
Mountain and Pacific:							
Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming	10,983	8,871	7,756	9,259	10,071	92,276	8,961
California	16,185	13,064	11,744	11,695	11,589	157,970 ^r	9,652
District subtotal ³	27,168	21,936	19,499	20,953	21,660	250,246 ^r	18,614
U.S. total ^{e,3}	246,159	212,368	213,582	196,260	171,089	2,468,590 ^r	186,506
Imports ⁴	2,273	1,586	3,111	1,489	1,392	22,583	1,347
Grand total ^{e,3}	248,433	213,954	216,693	197,749	172,481	2,491,173 ^r	187,853

^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 2022–JANUARY 2023^{1,2}

(Metric tons)

Destination	2022						
	January	February	March	April	May	June	July
Alabama	98,591	91,304	104,619	95,713	82,512	73,350	53,973
Alaska	6,596	6,559	9,190	9,118	12,884	16,820	14,281
Arizona	268,305 ^r	233,205	333,179 ^r	282,729 ^r	279,496 ^r	295,501 ^r	270,716
Arkansas	59,867	48,737	75,761	66,099	66,700	78,939	77,424
California, northern	276,096 ^r	351,628 ^r	379,525 ^r	336,217 ^r	328,327 ^r	304,975 ^r	282,784
California, southern	503,064 ^r	517,946 ^r	594,359 ^r	574,743 ^r	603,942 ^r	645,422 ^r	595,640
Colorado	125,752	114,381	185,680	211,318	206,949	232,305	184,658
Connecticut	23,648	24,453	43,294	51,749	53,020	54,974	47,377
Delaware	4,776	6,316	8,263	8,681	8,558	8,791	7,163
District of Columbia	10,436	12,252	14,461	11,694	12,252	11,680	10,862
Florida ^e	618,417	635,852	673,676	582,347	546,875	497,308	511,961
Georgia ^e	277,474	299,073	320,312	292,435	282,642	315,786	229,420
Hawaii	18,168	21,245	25,049	24,139	21,898	24,182	25,312
Idaho	27,989	30,705	61,522	60,182	72,209	74,038	70,075
Illinois, excluding Chicago	41,905	37,737 ^e	70,165	143,997	167,377	186,253	137,628
Illinois, metropolitan Chicago	35,499	32,660 ^e	42,507	55,101	57,041	57,412	53,821
Indiana	74,050	64,514 ^e	149,355	128,146	131,862	132,802	107,123
Iowa	34,991	24,179	40,537	81,759	123,542	131,484	106,450
Kansas	62,075	57,666	96,873	119,045	103,374	127,237	114,894
Kentucky	64,356	75,838	116,568	92,323	86,879	96,390	78,988
Louisiana ^e	160,466	123,882	137,391	172,766	193,932	214,544	178,870
Maine	8,398	9,149	13,846	18,964	27,312	30,700	26,860
Maryland	62,113	80,077	108,419	103,851	99,052	112,348	98,475
Massachusetts	69,167	57,771	109,963	104,390	110,354	120,629	97,283
Michigan	49,988	45,171 ^e	59,060	72,476	84,812	94,254	82,377
Minnesota	24,812	19,035	23,506	23,317	34,762	44,733	33,848
Mississippi	46,600	42,312	47,789	47,129	46,239	50,541	41,414
Missouri	76,229	63,235	128,160	119,301	159,313	152,294	123,319
Montana	7,046	7,893	15,832	20,227	28,981	33,100	29,159
Nebraska	28,963	24,997	44,226	67,498	90,757	77,231	68,482
Nevada	131,496	133,154	161,655	141,195 ^r	145,810 ^r	153,151	136,763
New Hampshire	8,394	7,660	11,843	16,884	22,320	23,809	20,670
New Jersey	91,849	79,098	117,973	120,791	128,592	138,252	124,552
New Mexico	56,104	45,426	65,328	59,778	66,406	59,982	50,774
New York, eastern	25,080	26,938	43,124	55,420	65,068	75,830	63,472
New York, metropolitan	86,171	92,825	145,633	154,450	149,851	167,979	146,204
New York, western	14,402	16,277	23,268	33,853	54,581	62,720	59,332
North Carolina	186,862	237,909	286,395	248,827	226,349	237,668	158,833
North Dakota	7,526	7,192	12,260	13,255	30,365	51,887	55,187
Ohio	124,116	99,839	232,178	210,658	183,909	206,383	172,062
Oklahoma	122,481	99,255	168,800	138,318 ^e	109,066	128,591	120,783
Oregon	66,239	62,987	88,435	70,866	84,246	83,726	66,273
Pennsylvania, eastern	80,553	86,877	134,547	147,818	163,339	173,768	153,937
Pennsylvania, western	30,637	37,723	67,899	69,697	79,556	86,963	79,266
Rhode Island	5,174	5,527	10,069	21,040	12,568	17,250	14,286
South Carolina	114,386	128,339	168,234	142,755	148,458	174,188	82,387
South Dakota	12,907	11,408	20,337	32,985	41,878	55,094	49,817
Tennessee	119,731	119,288	154,013	150,133	134,524	139,772	120,980
Texas, northern ^e	522,889	429,205	649,621	581,248	562,596	562,265	492,750
Texas, southern ^{e,3}	628,520	616,315	776,913	680,756	645,554	637,354	524,968
Utah	80,041	77,902	106,112	112,560	68,915	94,920	90,865
Vermont	3,106	3,537	4,791	7,017	10,524	12,711	11,181
Virginia	114,991	145,542	191,389	165,611	159,169	171,253	138,699
Washington	82,018	90,385	117,881	119,437	121,799	133,757	117,124
West Virginia	17,265	21,108	48,227	32,405	34,896	36,427	32,386
Wisconsin	31,287	30,069 ^e	36,084	43,559	34,546	45,801	43,226
Wyoming	10,844	10,511	15,300	19,712	25,510	29,322	28,166
Puerto Rico	34,538	38,686	48,152	42,376	43,437	44,763	36,626
Foreign countries ⁴	13,058	24,144	34,126	33,656	34,578	37,753	35,062
Total shipments ^{e,5}	5,988,503 ^r	5,944,900 ^r	7,973,674 ^r	7,644,515 ^r	7,712,264 ^r	8,139,360 ^r	6,987,266

See footnotes at end of table.

TABLE 2A—Continued
 PORTLAND CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2022–JANUARY 2023^{1,2}

(Metric tons)

Destination	2022						2023
	August	September	October	November	December	January–December ³	January
Alabama	61,452	63,697	78,458	66,185	54,880	924,735	50,529
Alaska	16,953	14,837	11,753	7,774	6,645	133,410	7,426
Arizona	302,567	301,459	310,528	300,304	236,893	3,414,880 ^r	251,482
Arkansas	87,838	86,519	90,826	76,380	50,982	866,070	53,190
California, northern	340,703	303,278	318,336	252,427	197,203	3,671,500 ^r	143,783
California, southern	651,768	552,154	586,184	491,771	496,675	6,813,670 ^r	331,601
Colorado	215,819	184,864	233,432	144,404	96,876	2,136,439	62,614
Connecticut	54,021	46,236	58,611	56,670	44,224	558,279	30,621
Delaware	7,195	6,143	5,825	6,153	4,759	82,622	5,668
District of Columbia	12,389	10,517	6,649	6,269	4,915	124,376	1,913
Florida ^c	533,863	417,945	477,657	432,298	432,924	6,361,123	489,585
Georgia ^c	250,923	236,670	294,039	268,151	195,786	3,262,711	208,383
Hawaii	27,878	26,919	22,757	23,600	22,710	283,858	23,852
Idaho	75,662	70,465	70,919	46,308	27,196	687,269	23,278
Illinois, excluding Chicago	195,206	190,469	105,049	87,497	52,686	1,415,970	39,664
Illinois, metropolitan Chicago	56,207	61,932	70,642	56,597	33,987	613,405	19,837
Indiana	134,741	129,889	114,113	111,694	77,291	1,355,581	61,549
Iowa	121,101	111,164	103,522	75,228	30,128	984,084	14,138
Kansas	136,369	125,688	131,897	101,931	79,367	1,256,416	72,591
Kentucky	92,635	98,553	93,626	83,254	58,947	1,038,358	60,855
Louisiana ^c	181,523	209,784	215,230	149,268	122,116	2,059,772	83,122
Maine	30,393	28,982	27,577	25,251	15,247	262,677	10,101
Maryland	107,541	89,628	78,262	63,363	40,568	1,043,699	18,693
Massachusetts	112,633	110,749	114,428	118,056	102,566	1,227,990	64,850
Michigan	99,212	89,153	84,701	66,137	44,721	872,062	21,671
Minnesota	47,088	25,271	18,983	10,054	6,062	311,473	6,656
Mississippi	44,184	46,818	58,310	51,739	31,680	554,755	31,061
Missouri	155,215	137,965	147,708	112,658	85,716	1,461,113	75,374
Montana	33,062	31,065	33,949	9,957	5,966	256,237	8,081
Nebraska	83,313	78,499	85,018	65,167	33,162	747,312	25,526
Nevada	148,227	134,633	141,226	127,777	114,706	1,669,793 ^r	106,816
New Hampshire	24,228	22,548	21,578	20,117	13,242	213,295	10,781
New Jersey	144,632	137,740	133,919	137,599	104,653	1,459,648	95,513
New Mexico	54,464	37,577	36,447	33,224	36,890	602,401	45,130
New York, eastern	75,720	72,002	65,296	70,688	54,487	693,125	38,505
New York, metropolitan	168,735	158,653	167,364	156,401	129,058	1,723,324	113,761
New York, western	60,047	52,126	44,379	43,426	30,025	494,436	24,932
North Carolina	173,511	188,136	192,782	164,476	129,336	2,431,083	128,197
North Dakota	68,619	52,421	49,668	29,157	8,948	386,486	10,990
Ohio	197,008	190,824	175,400	145,207	97,404	2,034,987	48,971
Oklahoma	133,060	125,788	114,762	102,650	89,548	1,453,100	93,476
Oregon	81,230	91,496	86,990	47,959	35,683	866,129	45,597
Pennsylvania, eastern	172,652	146,886	143,818	140,518	98,227	1,642,940	84,125
Pennsylvania, western	85,763	79,092	80,442	56,607	38,215	791,861	28,193
Rhode Island	16,149	17,119	34,272	41,963	24,651	220,068	7,284
South Carolina	100,346	81,085	76,924	66,154	69,419	1,352,674	75,388
South Dakota	62,278	61,221	59,190	28,602	8,827	444,545	4,324
Tennessee	142,975	131,351	119,168	116,631	80,396	1,528,962	96,750
Texas, northern ^c	477,738	472,411	446,257	301,097	280,162	5,778,240	327,447
Texas, southern ^{c,3}	535,710	529,840	500,367	403,224	432,222	6,911,742	432,313
Utah	116,926	97,910	109,752	95,117	61,368	1,112,388	40,470
Vermont	13,679	12,125	12,254	9,052	5,752	105,729	5,539
Virginia	163,412	142,389	137,237	123,315	104,278	1,757,286	94,382
Washington	139,367	127,706	139,267	74,729	57,316	1,320,787	72,334
West Virginia	37,479	37,532	38,710	34,072	25,389	395,896	20,384
Wisconsin	50,205	42,276	61,044	41,879	19,955	479,932	14,513
Wyoming	33,643	26,497	27,886	15,989	9,361	252,741	6,700
Puerto Rico	43,264	38,245	36,550	39,654	40,540	486,831	37,371
Foreign countries ⁴	50,315	50,617	52,130	35,239	19,195	419,873	30,071
Total shipments ^{c,5}	7,840,837	7,245,558	7,354,066	6,069,068	4,912,134	83,812,144 ^r	4,437,951

^cEstimated. ^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 2022–JANUARY 2023^{1, 2, 3}

(Metric tons)

Destination	2022						
	January	February	March	April	May	June	July
Alabama	26,842	36,919	46,918	43,102	54,515	77,049	77,542
Alaska	--	--	--	--	--	--	--
Arizona	4,514	4,068	5,482	4,659	4,825	4,990	3,586
Arkansas	2,088	4,155	7,583	6,054	6,996	7,856	6,482
California, northern	381	489	927	393	838	808	901
California, southern	510	220	49	337	121	501	2,218
Colorado	6,925	6,471	13,065	17,375	23,988	33,590	31,291
Connecticut	24	22	--	--	17	20	113
Delaware	5,090	8,177	11,352	9,428	10,691	11,083	9,174
District of Columbia	--	22	21	1,227	2,400	2,865	2,253
Florida ^c	154,032	160,962	199,895	192,788	197,890	256,346	240,213
Georgia ^c	1,903	1,923	3,308	6,260	13,610	35,064	70,554
Hawaii	--	--	--	--	--	--	--
Idaho	2,721	2,962	7,257	9,120	12,119	12,593	12,207
Illinois, excluding Chicago	816	2,114	8,961	21,101	35,860	49,941	41,220
Illinois, metropolitan Chicago	7,943	26,065	64,885	72,669	92,452	93,602	59,514
Indiana	14,253	13,218	43,438	75,806	101,769	132,203	120,621
Iowa	19,992	30,861	47,328	65,350	100,579	127,219	118,179
Kansas	1,110	1,455	3,596	4,963	5,907	7,107	5,365
Kentucky	2,761	7,346	24,179	24,679	36,830	44,984	36,502
Louisiana	9,085	53,334	71,884	38,881	15,350	33,442	12,442
Maine	--	--	--	--	--	--	--
Maryland	5,965	4,427	9,269	7,746	10,446	11,648	11,347
Massachusetts	337	638	834	263	240	552	554
Michigan	10,799	12,753	30,615	80,257	150,027	181,572	164,699
Minnesota	17,333	33,926	49,040	62,579	140,097	192,597	179,991
Mississippi	7,009	14,307	18,722	17,367	20,082	21,557	18,713
Missouri	9,218	7,937	25,435	47,274	41,611	71,305	48,853
Montana	5,107	4,477	10,135	10,185	13,221	15,446	14,588
Nebraska	7,565	15,431	32,740	65,595	62,909	98,420	85,792
Nevada	1,918	2,239	3,418	4,906	8,300	8,766	7,196
New Hampshire	--	--	--	--	83	48	59
New Jersey	1,476	1,769	2,657	4,111	4,746	6,635	7,554
New Mexico	7,075	6,214	8,939	8,971	8,439	10,689	14,910
New York, eastern	738	1,129	1,981	3,509	4,213	4,330	1,788
New York, metropolitan	23	--	91	188	261	315	97
New York, western	48	1,852	3,538	7,003	11,464	11,570	10,424
North Carolina	2,128	2,058	3,914	12,410	34,421	52,416	93,040
North Dakota	5,270	3,301	279	1,383	5,170	8,135	9,871
Ohio	3,526	13,739	44,759	89,745	151,132	181,013	166,850
Oklahoma	682	412	521	26,325	24,507	31,290	33,160
Oregon	2,551	2,881	5,662	3,820	4,749	5,593	6,910
Pennsylvania, eastern	10,016	6,435	20,163	22,593	27,802	28,435	27,994
Pennsylvania, western	363	200	477	730	3,036	8,906	9,090
Rhode Island	--	--	--	21	--	23	--
South Carolina	8,345	12,160	10,756	17,043	21,508	30,216	80,883
South Dakota	--	--	--	--	4,692	11,780	14,348
Tennessee	22,984	46,355	73,325	55,920	84,580	108,065	94,189
Texas, northern	125,960	112,049	171,903	139,735	151,730	209,763	191,409
Texas, southern ⁴	46,410	40,792	76,436	64,696	92,321	105,766	117,240
Utah	39,713	39,125	56,579	54,978	64,192	70,701	59,794
Vermont	24	134	203	292	184	288	309
Virginia	8,509	15,712	20,790	24,659	26,325	38,356	45,407
Washington	19,435	16,672	19,066	17,574	18,004	22,940	19,397
West Virginia	10	141	360	710	154	634	795
Wisconsin	14,097	25,505	38,406	73,464	150,499	186,538	173,804
Wyoming	376	311	891	3,946	10,774	8,506	1,188
Puerto Rico	11,411	12,237	15,569	13,752	13,689	13,457	11,654
Foreign countries ⁵	1,626	1,911	932	1,300	940	2,305	1,476
Total shipments ^{c, 6}	659,036	820,014	1,318,530	1,539,244	2,083,306	2,691,836	2,575,750

See footnotes at end of table.

TABLE 2B—Continued
 BLENDED CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2022–JANUARY 2023^{1,2,3}

(Metric tons)

Destination	2022						2023
	August	September	October	November	December	January–December ⁶	January
Alabama	81,087	86,623	86,994	79,356	72,562	769,509	66,656
Alaska	--	--	--	--	--	--	--
Arizona	3,687	3,728	3,679	3,036	2,573	48,828	3,269
Arkansas	4,670	8,936	10,850	12,841	18,233	96,744	16,964
California, northern	834	822	570	550	621	8,134	2,139
California, southern	3,765	4,231	3,366	771	743	16,832	17,667
Colorado	39,203	44,999	48,231	54,321	59,211	378,672	41,731
Connecticut	137	93	160	132	179	896	112
Delaware	11,960	11,097	10,483	10,781	9,008	118,325	10,869
District of Columbia	2,432	1,862	6,262	7,702	8,419	35,465	13,395
Florida ^c	284,145	217,399	260,017	249,806	278,841	2,692,332	276,664
Georgia ^c	94,189	99,179	101,965	86,482	69,827	584,263	82,530
Hawaii	--	--	--	--	--	--	--
Idaho	13,370	11,108	18,609	15,207	9,680	126,951	7,521
Illinois, excluding Chicago	52,284	56,906	87,264	93,761	105,152	555,378	18,165
Illinois, metropolitan Chicago	107,631	117,697	125,001	90,161	98,744	956,365	36,960
Indiana	140,899	127,121	116,590	106,685	69,976	1,062,579	57,386
Iowa	136,353	133,999	142,368	115,144	79,593	1,116,963	43,933
Kansas	7,932	6,418	5,106	2,907	3,062	54,928	2,166
Kentucky	48,484	47,732	52,700	45,752	26,224	398,174	22,625
Louisiana	11,578	23,296	21,439	28,458	37,706	356,895	54,727
Maine	--	--	--	--	--	--	--
Maryland	27,742	32,240	39,234	43,290	53,779	257,132	72,288
Massachusetts	670	255	376	384	800	5,903	544
Michigan	181,489	165,182	165,804	138,985	74,479	1,356,661	59,170
Minnesota	193,250	195,411	195,303	114,343	66,729	1,440,598	33,011
Mississippi	18,133	27,893	20,037	14,221	18,029	216,071	16,378
Missouri	65,315	69,840	76,864	71,039	61,064	595,754	35,885
Montana	17,921	17,181	17,902	10,279	5,275	141,718	7,249
Nebraska	110,614	92,647	80,033	34,684	21,513	707,943	12,710
Nevada	9,147	7,648	8,572	4,899	4,088	71,097	1,706
New Hampshire	30	--	--	--	--	220	--
New Jersey	8,014	5,821	7,879	8,053	6,171	64,887	8,147
New Mexico	13,807	25,658	20,969	19,779	14,262	159,713	13,708
New York, eastern	4,151	3,846	4,576	3,742	2,705	36,709	2,490
New York, metropolitan	234	511	433	328	456	2,937	157
New York, western	14,509	16,225	14,992	11,606	7,270	110,501	6,096
North Carolina	107,756	98,561	99,019	101,509	89,736	696,970	95,556
North Dakota	11,656	14,705	13,213	2,818	4,755	80,557	3,985
Ohio	211,620	182,154	187,911	158,674	102,975	1,494,098	96,239
Oklahoma	35,189	32,523	35,006	35,366	35,211	290,191	27,208
Oregon	1,656	1,861	1,730	10,311	7,777	55,501	10,532
Pennsylvania, eastern	30,979	26,358	36,723	30,058	20,863	288,419	22,131
Pennsylvania, western	14,268	12,952	20,536	17,679	12,990	101,228	16,543
Rhode Island	21	20	--	19	--	103	--
South Carolina	91,512	92,794	111,751	82,521	62,356	621,845	75,742
South Dakota	13,591	12,133	13,170	13,786	6,861	90,360	6,589
Tennessee	104,627	110,141	97,129	75,265	117,993	990,573	61,406
Texas, northern	196,293	245,678	225,261	271,100	298,122	2,339,003	332,835
Texas, southern ⁴	146,911	188,032	193,518	159,298	165,968	1,397,387	185,615
Utah	73,767	67,747	68,146	52,674	41,275	688,692	31,126
Vermont	543	279	319	191	67	2,835	71
Virginia	54,527	51,214	55,288	51,449	50,407	442,644	69,629
Washington	20,855	20,100	17,240	38,771	20,809	250,863	30,786
West Virginia	2,099	2,132	5,376	3,994	4,906	21,312	4,540
Wisconsin	194,676	185,869	167,181	114,039	58,718	1,382,796	44,030
Wyoming	2,204	2,351	2,644	1,346	650	35,186	1,304
Puerto Rico	13,646	8,883	12,507	9,956	10,948	147,710	12,015
Foreign countries ⁵	2,043	1,318	30	49	--	13,930	--
Total shipments ^{c,6}	3,040,106	3,021,409	3,118,326	2,710,361	2,400,362	25,978,281	2,172,902

^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.

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 2022–JANUARY 2023^{1,2}

(Metric tons)

Destination	2022						
	January	February	March	April	May	June	July
Alabama	6,776	6,072	7,996	8,139	8,260	7,756	6,972
Alaska	--	--	--	--	--	--	--
Arizona	3,687	3,662	4,880	4,898	3,959	4,466	4,194
Arkansas	3,048	2,479	3,115	4,489	3,769	3,695	3,644
California, northern	1,721	2,060 ^r	2,549	2,196	2,792	3,602	2,314
California, southern	9,644	9,689	11,424	11,317	10,076	13,412	9,910
Colorado	271	190	223	181	1,735	1,842	1,612
Connecticut	593	589	1,295	1,577	1,320	2,133	1,335
Delaware	237	308	442	444	415	532	462
District of Columbia	--	--	--	--	--	--	--
Florida ^e	47,986	45,047	52,031	46,419	51,586	50,168	48,830
Georgia	12,402	10,877	13,962	12,907	13,710	12,899	13,129
Hawaii	103	90	151	129	122	131	1,031
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	188	122	217	385	472	511	318
Illinois, metropolitan Chicago	318	395	1,226	1,505	1,373	1,657	1,249
Indiana	2,321	2,052	3,076	2,703	3,515	3,110	2,991
Iowa	47	--	94	403	762	699	2
Kansas	143	114	255	232	212	251	205
Kentucky	2,840	3,542	5,543	4,625	4,887	4,878	4,608
Louisiana	3,471 ^e	3,245 ^e	3,572 ^e	3,272	3,288	3,329	3,126
Maine	15	--	16	29	19	18	12
Maryland	1,938	1,774	2,731	2,839	2,448	2,856	2,490
Massachusetts	397	406	826	714	1,002	1,269	895
Michigan	2,205	1,898	3,795	3,807	4,377	5,073	4,483
Minnesota	15	--	--	--	59	21	64
Mississippi	2,221	2,329	2,946	2,815	2,879	3,569	2,546
Missouri	547	448	601	689	632	748	733
Montana	--	--	--	18	--	27	--
Nebraska	24	--	--	23	48	--	44
Nevada	97	173	146	47	95	209	218
New Hampshire	29	132	200	412	435	514	379
New Jersey	1,881	2,022	3,662	3,472	3,769	3,996	3,508
New Mexico	201	234	151	134	333	584	509
New York, eastern	259	241	409	600	537	781	434
New York, metropolitan	1,476	1,771	3,275	3,406	3,645	4,540	4,070
New York, western	269	498	719	1,103	879	879	759
North Carolina	10,422	11,580	15,837	14,439	13,509	14,603	14,185
North Dakota	--	20	20	21	20	102	20
Ohio	3,662	2,980	6,406	5,957	6,651	7,195	6,381
Oklahoma	2,907	1,956	3,635	3,952 ^e	3,663 ^e	3,959 ^e	4,272 ^e
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	2,289	2,116	3,583	3,916	3,629	4,090	3,630
Pennsylvania, western	736	720	1,508	1,190	1,735	2,030	1,498
Rhode Island	--	4	21	17	21	34	11
South Carolina	5,608	5,897	7,151	6,173	6,600	7,186	6,859
South Dakota	--	--	--	--	--	--	--
Tennessee	10,475	9,773	14,686	14,862	14,226	15,185	14,034
Texas, northern ^e	12,693	11,790	16,515	12,078	12,544	14,275	13,818
Texas, southern ^{e,3}	14,642	12,761	16,474	14,169	15,633	14,212	13,487
Utah	--	--	--	--	1,341	1,278	1,186
Vermont	3	--	14	--	16	--	3
Virginia	3,284	4,159	5,729	5,473	5,846	5,868	5,135
Washington	--	--	--	--	--	--	--
West Virginia	298	243	511	474	470	507	561
Wisconsin	117	151	306	403	586	601	527
Wyoming	--	--	--	--	865	1,083	1,868
Puerto Rico	--	--	--	--	--	--	--
Foreign countries ⁴	--	--	--	--	--	37	60
Total shipments ^{e,5}	174,508	166,609 ^r	223,922	209,052	220,766	232,398	214,609

See footnotes at end of table.

TABLE 2C—Continued
MASONRY CEMENT SHIPMENTS, BY DESTINATION, JANUARY 2022–JANUARY 2023^{1,2}

(Metric tons)

Destination	2022						2023
	August	September	October	November	December	January–December ⁵	January
Alabama	8,331	7,155	7,077	6,444	5,411	86,388	6,035
Alaska	--	--	--	--	--	--	--
Arizona	5,355	4,100	4,666	4,059	4,428	52,354	4,221
Arkansas	4,026	3,862	3,287	2,790	2,086	40,290	2,432
California, northern	2,984	2,434	2,474	2,053	1,811	28,991 ^r	1,314
California, southern	13,153	10,489	9,176	9,498	9,637	127,426	8,221
Colorado	2,502	2,116	1,520	3,031	2,830	18,054	2,211
Connecticut	1,853	1,148	1,456	1,175	525	15,000	662
Delaware	393	337	308	370	227	4,473	343
District of Columbia	--	--	--	--	--	--	--
Florida ^e	57,286	43,589	51,474	47,659	47,181	589,256	56,139
Georgia	15,043	13,219	13,759	13,130	10,563	155,600	10,623
Hawaii	157	108	1,231	73	124	3,449	80
Idaho	--	--	--	--	--	--	--
Illinois, excluding Chicago	347	446	406	221	284	3,915	186
Illinois, metropolitan Chicago	1,572	1,629	1,388	1,240	1,036	14,588	361
Indiana	3,541	3,295	3,314	3,524	2,595	36,038	2,729
Iowa	--	72	24	24	47	2,173	95
Kansas	263	300	192	245	91	2,505	262
Kentucky	5,133	4,937	4,781	4,906	3,265	53,944	3,172
Louisiana	3,571	3,458	2,894	2,240	2,147	37,613	2,790
Maine	27	11	25	13	2	187	--
Maryland	2,750	2,335	2,593	2,306	1,669	28,728	2,126
Massachusetts	1,004	704	819	557	356	8,950	411
Michigan	5,276	5,028	8,516	7,221	5,182	56,861	3,175
Minnesota	--	--	19	12	--	190	--
Mississippi	3,084	2,926	2,957	2,614	1,901	32,786	2,500
Missouri	777	819	717	479	451	7,640	317
Montana	--	43	--	--	--	88	--
Nebraska	116	24	44	45	24	390	--
Nevada	48	141	94	144	142	1,554	118
New Hampshire	425	185	543	268	227	3,748	139
New Jersey	3,856	4,071	3,396	3,369	2,252	39,255	2,573
New Mexico	609	205	292	357	849	4,458	367
New York, eastern	695	630	699	337	634	6,258	309
New York, metropolitan	4,384	3,797	3,637	3,595	2,594	40,191	2,537
New York, western	964	756	567	448	436	8,278	654
North Carolina	15,723	14,346	12,845	12,375	9,380	159,244	11,410
North Dakota	21	40	142	40	82	527	--
Ohio	7,700	6,681	7,065	6,572	4,666	71,915	4,276
Oklahoma ^e	5,404 ^e	4,441	4,091	3,546	2,745	44,571	3,204
Oregon	--	--	--	--	--	--	--
Pennsylvania, eastern	4,152	3,846	3,764	2,960	2,787	40,762	2,980
Pennsylvania, western	1,673	1,491	1,559	1,031	894	16,063	792
Rhode Island	30	38	26	3	11	215	3
South Carolina	7,740	6,688	7,269	6,540	5,379	79,090	6,629
South Dakota	--	--	--	--	--	--	--
Tennessee	16,620	14,715	12,969	11,611	8,648	157,804	10,273
Texas, northern ^e	14,344	13,949	12,140	10,533	10,635	155,315	10,638
Texas, southern ^{e, 3}	15,849	14,075	13,766	11,323	10,295	166,686	13,292
Utah	1,588	1,364	696	1,126	1,338	9,917	1,431
Vermont	5	7	--	--	--	48	--
Virginia	5,725	5,615	4,490	4,190	3,350	58,864	4,584
Washington	--	--	--	--	--	--	--
West Virginia	559	567	488	464	354	5,496	232
Wisconsin	691	667	505	319	271	5,144	278
Wyoming	982	1,023	534	670	602	7,629	732
Puerto Rico	--	--	--	--	--	--	--
Foreign countries ⁴	99	33	--	--	38	267	--
Total shipments ^{e, 5}	248,433	213,954	216,693	197,749	172,481	2,491,173 ^r	187,853

^eEstimated. ^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 JANUARY (2018–2023)¹

(Thousand metric tons)

Destination	2018	2019	2020	2021	2022	5-Year average	2023	Percent rate of change to current year from	
								2022	5-Year average
Alabama	86	104	93	105	125 ²	103	117	-6.6	14.2
Alaska	5	6	6	5	7	6	7	12.6	28.4
Arizona	206	228	219	198	273 ²	225	255	-6.6	13.3
Arkansas	50	50	61	71	62	59	70	13.2	18.7
California, northern	280	250	255	264	276 ²	265	146	-47.2	-45.0
California, southern	503	458	529	418	504 ²	482	349	-30.6	-27.6
Colorado	154	133	182	146	133	150	104	-21.4	-30.2
Connecticut	24	27	33	34	24	28	31	29.8	8.4
Delaware	8	12	15	21	10	13	17	67.6	24.5
District of Columbia	16	17	18	17	10	16	15	46.7	-3.0
Florida	566	640	661	664	772 ²	661	766	-0.8	15.9
Georgia	194	238	245	235	279	238	291	4.1	22.0
Hawaii	26	25	28	21	18	24	24	31.3	0.3
Idaho	27	30	32	35	31	31	31	0.3	-0.3
Illinois, excluding Chicago	40	45	55	43	43	45	58	35.4	28.3
Illinois, metropolitan Chicago	50	61	72	71	43 ²	59	57	30.7	-4.3
Indiana	67	86	113	109	88 ²	93	119	34.7	28.4
Iowa	42	41	55	48	55	48	58	5.6	20.1
Kansas	63	54	65	78	63	64	75	18.3	16.0
Kentucky	48	58	72	76	67 ²	64	83	24.4	30.4
Louisiana	112	142	121	128	170	135	138	-18.7	2.4
Maine	7	8	11	13	8	10	10	20.3	5.8
Maryland	63	75	96	94	68	79	91	33.6	15.0
Massachusetts	43	59	74	66	70	63	65	-5.9	4.5
Michigan	51	59	79	81	61 ²	66	81	33.0	22.4
Minnesota	42	47	47	59	42	47	40	-5.9	-16.3
Mississippi	36	48	51	60	54	50	47	-11.5	-4.8
Missouri	74	72	88	111	85	86	111	30.2	29.5
Montana	16	8	14	17	12	13	15	26.1	14.0
Nebraska	29	33	41	37	37	36	38	4.7	7.3
Nevada	100	124	133	134	133 ²	125	109	-18.7	-13.0
New Hampshire	7	11	11	11	8	10	11	28.4	13.2
New Jersey	69	77	107	98	93	89	104	11.1	16.7
New Mexico	43	44	68	54	63	55	59	-6.9	7.9
New York, eastern	17	24	26	24	26	23	41	58.8	76.5
New York, metropolitan	91	109	129	116	86	106	114	32.2	7.1
New York, western	18	21	25	24	14	20	31	114.7	52.5
North Carolina	145	197	219	195	189 ²	189	224	18.4	18.4
North Dakota	12	17	16	8	13	13	15	17.0	14.4
Ohio	114	142	183	153	128	144	145	13.8	0.9
Oklahoma	131	140	116	131	123	128	121	-2.0	-6.0
Oregon	49	83	64	54	69	64	56	-18.4	-12.4
Pennsylvania, eastern	72	90	122	124	91	100	106	17.3	6.5
Pennsylvania, western	45	52	49	47	31 ²	45	45	44.3	-0.5
Rhode Island	4	6	8	6	5	6	7	40.8	24.2
South Carolina	112	129	122	126	123 ²	122	151	23.1	23.6
South Dakota	10	11	11	14	13	12	11	-15.4	-8.6
Tennessee	89	120	148	179	143	136	158	10.8	16.5
Texas, northern	582	614	566	583	649	599	660	1.8	10.3
Texas, southern	596	702	752	713	675	688	618	-8.4	-10.1
Utah	92	85	91	116	120 ²	101	72	-40.2	-29.1
Vermont	4	5	5	4	3	4	6	79.2	33.6
Virginia	116	134	153	157	124 ²	137	164	32.8	19.9
Washington	125	148	113	142	101	126	103	1.6	-18.0
West Virginia	25	37	28	22	17 ²	26	25	44.3	-3.1
Wisconsin	57	53	78	52	45	57	59	29.0	2.5
Wyoming	14	13	16	9	11	13	8	-28.7	-37.2
Puerto Rico	46	47	37	52	46	46	49	7.5	8.1
Foreign countries ³	34	32	19	19	15	24	30	90.0	17.6
Total ⁴	5,749	6,382	6,849	6,695	6,648 ²	6,464	6,611	-0.6	2.3

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 2022–JANUARY 2023¹

(Metric tons)

District	2022						
	January	February	March	April	May	June	July
New England and Middle Atlantic:							
Maine and New York	W	W	166,585	185,599	184,308	190,867	153,538
Pennsylvania	W	W	226,953	346,678	382,787	330,226	344,379
District subtotal ²	W	W	393,538	532,277	567,095	521,093	497,917
East North Central:							
Illinois	101,206	96,219 ^e	88,873	79,555	113,866	108,805	106,208
Indiana, Ohio	174,533	235,502	274,975	256,779	315,724	233,940	296,856
Michigan	249,261	288,042	169,020	232,884	289,591	216,605	305,782
District subtotal ²	525,000	619,763 ^e	532,869	569,218	719,181	559,350	708,846
West North Central:							
Iowa, Nebraska, South Dakota	252,887	200,589	261,311	205,811	240,079	289,542	327,825
Kansas	175,672	138,190	164,310	217,482	166,897	183,586	244,306
Missouri	415,506	565,817	506,037	710,953	838,484	817,743	859,090
District subtotal ²	844,065	904,596	931,658	1,134,246	1,245,459	1,290,870	1,431,221
South Atlantic:							
Florida	530,272 ^e	502,251	525,887	500,776	419,970	539,071	503,547
Georgia, Maryland, Virginia, West Virginia	254,292	298,003	471,609	527,855	512,669	497,203	506,112
Puerto Rico	W	W	W	W	W	W	W
South Carolina	266,279	177,952	251,296	180,274	299,524	289,815	282,141
District subtotal ^{e, 2, 3}	1,050,843	978,206	1,248,792	1,208,904	1,232,164	1,326,088	1,291,800
East South Central:							
Alabama, Kentucky, Tennessee	505,688	376,024	447,555	509,645	607,251	563,740	575,867
West South Central:							
Arkansas and Oklahoma	157,667	69,149	181,551	229,608	196,749	186,506	243,839
Texas, northern	435,096	269,324	433,266	542,001	475,698	412,525	482,622
Texas, southern ^e	491,765	378,916	521,563	473,034	450,429	398,429	434,840
District subtotal ^{e, 2}	1,084,528	717,389	1,136,380	1,244,643	1,122,876	997,461	1,161,301
Mountain and Pacific:							
Arizona and New Mexico	254,815	256,395	222,055	215,220	221,177	238,557	222,857
California	711,471	484,839	637,484	710,106	810,142	825,076	827,762
Colorado and Wyoming	242,126	129,248	138,274	192,111	212,619	268,186	217,491
Idaho, Montana, Nevada, Oregon, Utah, Washington	272,363	244,345	240,620	318,201	282,689	293,795	308,895
District subtotal ²	1,480,776	1,114,828	1,238,433	1,435,638	1,526,627	1,625,614	1,577,005
Grand total ^{e, 2, 3}	5,699,855	4,843,293	5,929,224	6,634,570	7,020,653	6,884,217	7,243,957

See footnotes at end of table.

TABLE 4—Continued
CLINKER PRODUCTION, BY DISTRICT, JANUARY 2022–JANUARY 2023¹

(Metric tons)

District	2022						2023
	August	September	October	November	December	January–December ²	January
New England and Middle Atlantic:							
Maine and New York	166,784	209,088	228,684	241,954	109,467	1,867,913	105,809
Pennsylvania	360,042	311,629	317,998	357,938	266,082	3,555,116	233,312
District subtotal ²	526,826	520,717	546,682	599,892	375,549	5,423,030	339,120
East North Central:							
Illinois	103,881	113,998	117,081	103,406	106,552	1,239,649	92,468
Indiana, Ohio	286,131	266,908	281,610	302,000	262,957	3,187,915	248,667
Michigan	329,428	313,125	292,028	310,425	323,149	3,319,340	208,215
District subtotal ²	719,439	694,031	690,720	715,831	692,657	7,746,904	549,349
West North Central:							
Iowa, Nebraska, South Dakota	277,073	302,533	286,746	279,081	247,478	3,170,954	243,874
Kansas	241,527	219,587	215,793	218,728	186,825	2,372,901	172,542
Missouri	666,876	785,733	851,182	800,240	764,407	8,582,067	619,526
District subtotal ²	1,185,476	1,307,852	1,353,720	1,298,049	1,198,710	14,125,922	1,035,941
South Atlantic:							
Florida	567,421	491,377	592,421	442,787	545,405	6,161,185	489,262
Georgia, Maryland, Virginia, West Virginia	495,077	472,330	479,513	487,639	406,169	5,408,471	253,505
Puerto Rico	W	W	W	W	W	W	W
South Carolina	291,734	177,175	281,267	213,499	213,833	2,924,789	217,576
District subtotal ^{1e, 2, 3}	1,354,233	1,140,882	1,353,201	1,143,925	1,165,408	14,494,445	960,342
East South Central:							
Alabama, Kentucky, Tennessee	612,755	540,002	655,083	613,678	515,257	6,522,546	448,368
West South Central:							
Arkansas and Oklahoma	202,830	223,894	179,866	140,234	202,140	2,214,032	161,252
Texas, northern	449,331	497,286	547,984	475,024	455,399	5,475,556	375,230
Texas, southern ^e	515,464	493,759	514,201	448,913	389,620	5,510,933	528,253
District subtotal ^{e, 2}	1,167,626	1,214,939	1,242,051	1,064,170	1,047,158	13,200,521	1,064,735
Mountain and Pacific:							
Arizona and New Mexico	256,881	252,972	255,656	248,511	248,077	2,893,173	224,894
California	862,583	712,709	849,475	749,503	768,703	8,949,855	484,231
Colorado and Wyoming	241,453	242,374	278,865	205,339	275,197	2,643,283	204,439
Idaho, Montana, Nevada, Oregon, Utah, Washington	359,119	342,657	300,246	333,866	306,572	3,603,369	260,737
District subtotal ²	1,720,036	1,550,713	1,684,242	1,537,219	1,598,549	18,089,679	1,174,300
Grand total ^{e, 2, 3}	7,286,391	6,969,135	7,525,699	6,972,764	6,593,289	79,603,048	5,572,155

^eEstimated. ¹Revised. 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, JANUARY 2023¹

(Metric tons, unless otherwise specified)

Customs district	Algeria	Canada	China	Colombia	Croatia
Anchorage, AK	--	--	--	--	--
Baltimore, MD	--	--	--	--	716
Boston, MA	--	--	--	--	--
Buffalo, NY	--	26,844	--	--	--
Charleston, SC	--	--	--	--	--
Cleveland, OH	--	4,651	--	--	--
Columbia-Snake, OR	--	9,435	--	--	--
Detroit, MI ³	--	36,420	--	--	--
El Paso, TX ³	--	--	19	--	--
Great Falls, MT	--	7,709	--	--	--
Honolulu, HI	--	--	--	--	--
Houston-Galveston, TX	--	--	--	--	--
Laredo, TX	--	--	--	--	--
Los Angeles, CA	--	--	--	--	--
Miami, FL	--	--	--	--	--
Mobile, AL	--	--	--	20,004	--
New Orleans, LA	44,000	--	--	--	--
New York City, NY	--	41,132	--	--	--
Nogales, AZ	--	--	--	--	--
Norfolk, VA	--	--	--	8,000	--
Ogdensburg, NY	--	11,083	--	--	--
Pembina, ND	--	4,911	--	--	--
Philadelphia, PA	--	--	--	--	--
Portland, ME	--	499	--	--	--
Providence, RI	--	38,009	--	--	--
San Diego, CA	--	--	--	--	--
San Francisco, CA	--	--	--	--	--
San Juan, PR	--	--	--	30,626	--
Savannah, GA	--	--	--	21,207	--
Seattle, WA ³	--	29,585	--	--	--
St. Albans, VT	--	12,352	--	--	--
Tampa, FL	--	--	--	--	--
Wilmington, NC	--	--	--	--	--
Total:					
Quantity ³	44,000	222,630	19	79,837	716
Value ^{2,3}	\$4,627,375	\$22,146,938	\$8,368	\$8,522,724	\$372,291

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 2023¹

(Metric tons, unless otherwise specified)

Customs district	Egypt	France	Germany	Greece	India
Anchorage, AK	--	--	--	--	--
Baltimore, MD	--	--	--	--	--
Boston, MA	--	--	--	--	--
Buffalo, NY	--	--	--	--	--
Charleston, SC	--	--	--	--	--
Cleveland, OH	--	--	--	--	--
Columbia-Snake, OR	--	--	--	--	--
Detroit, MI ³	--	--	--	--	--
El Paso, TX ³	--	--	--	--	--
Great Falls, MT	--	--	--	--	--
Honolulu, HI	--	--	--	--	--
Houston-Galveston, TX	36,012	--	--	--	--
Laredo, TX	--	--	--	--	--
Los Angeles, CA	5,712	--	--	--	--
Miami, FL	--	--	--	--	--
Mobile, AL	--	--	--	--	--
New Orleans, LA	--	16	--	49,500	49,500
New York City, NY	--	--	--	106,880	--
Nogales, AZ	--	--	--	--	--
Norfolk, VA	--	32	4	60,759	--
Ogdensburg, NY	--	--	--	--	--
Pembina, ND	--	--	--	--	--
Philadelphia, PA	--	--	--	45,000	--
Portland, ME	--	--	--	--	--
Providence, RI	--	--	--	--	--
San Diego, CA	--	--	--	--	--
San Francisco, CA	--	--	--	--	--
San Juan, PR	--	--	--	--	--
Savannah, GA	--	--	--	--	--
Seattle, WA ³	--	--	--	--	--
St. Albans, VT	--	--	--	--	--
Tampa, FL	--	--	--	--	--
Wilmington, NC	--	--	--	--	--
Total:					
Quantity ³	41,724	48	4	262,139	49,500
Value ^{2,3}	\$3,511,594	\$61,226	\$3,834	\$18,790,349	\$5,249,051

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 2023¹

(Metric tons, unless otherwise specified)

Customs district	Italy	Korea, Republic of	Mexico	Netherlands	Poland
Anchorage, AK	--	1	--	--	--
Baltimore, MD	--	--	--	--	--
Boston, MA	--	--	--	--	--
Buffalo, NY	--	--	--	--	--
Charleston, SC	--	--	--	--	--
Cleveland, OH	--	--	--	57	547
Columbia-Snake, OR	--	74,600	--	--	--
Detroit, MI ³	--	--	--	--	--
El Paso, TX ³	--	--	24,902	--	--
Great Falls, MT	--	--	--	--	--
Honolulu, HI	--	--	--	--	--
Houston-Galveston, TX	--	--	--	--	902
Laredo, TX	--	--	12,430	--	--
Los Angeles, CA	--	--	--	--	--
Miami, FL	--	--	7,501	--	--
Mobile, AL	--	--	7,305	--	57
New Orleans, LA	--	--	--	--	--
New York City, NY	--	--	--	--	--
Nogales, AZ	--	--	24,359	--	--
Norfolk, VA	200	--	--	--	--
Ogdensburg, NY	--	--	--	--	--
Pembina, ND	--	--	--	--	--
Philadelphia, PA	--	--	--	199	--
Portland, ME	--	--	--	--	--
Providence, RI	--	--	--	--	--
San Diego, CA	--	--	78	--	--
San Francisco, CA	--	--	30,000	--	--
San Juan, PR	--	--	--	--	--
Savannah, GA	--	--	--	--	38
Seattle, WA ³	--	30,230	--	--	--
St. Albans, VT	--	--	--	--	--
Tampa, FL	--	--	35,385	--	--
Wilmington, NC	--	--	--	--	--
Total:					
Quantity ³	200	104,831	141,960	256	1,544
Value ^{2,3}	\$230,870	\$8,131,313	\$18,997,847	\$283,132	\$1,530,191

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 2023¹

(Metric tons, unless otherwise specified)

Customs district	Spain	Taiwan	Tunisia	Turkey	United Arab Emirates	Vietnam
Anchorage, AK	--	--	--	--	--	--
Baltimore, MD	--	--	--	--	--	--
Boston, MA	32,000	--	--	--	--	--
Buffalo, NY	--	--	--	--	--	--
Charleston, SC	--	--	--	37,398	--	--
Cleveland, OH	--	--	--	--	--	--
Columbia-Snake, OR	--	--	--	--	--	--
Detroit, MI ³	--	--	--	--	--	--
El Paso, TX ³	--	--	--	--	--	--
Great Falls, MT	--	--	--	--	--	--
Honolulu, HI	--	35,770	--	--	--	--
Houston-Galveston, TX	43,947	--	--	286,750	--	--
Laredo, TX	1,952	--	--	42,000	--	--
Los Angeles, CA	--	--	--	--	--	18,000
Miami, FL	--	--	--	121,221	--	--
Mobile, AL	--	--	--	20,000	--	--
New Orleans, LA	--	--	--	55,000	--	--
New York City, NY	--	--	--	41,590	--	--
Nogales, AZ	--	--	--	--	--	--
Norfolk, VA	--	--	--	--	--	--
Ogdensburg, NY	--	--	--	--	--	--
Pembina, ND	--	--	--	--	--	--
Philadelphia, PA	--	--	--	--	--	--
Portland, ME	--	--	--	--	--	--
Providence, RI	--	--	--	33,378	--	--
San Diego, CA	--	--	--	--	--	--
San Francisco, CA	--	--	--	--	--	106,310
San Juan, PR	--	--	7,113	--	--	--
Savannah, GA	--	--	--	34,800	134,285	--
Seattle, WA ³	--	--	--	--	--	--
St. Albans, VT	--	--	--	--	--	--
Tampa, FL	--	--	9,300	126,109	--	--
Wilmington, NC	--	--	--	50,700	--	--
Total:						
Quantity ³	77,899	35,770	16,413	848,946	134,285	124,310
Value ^{2,3}	\$6,744,880	\$3,321,960	\$3,170,742	\$84,421,539	\$13,109,743	\$14,607,008

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 2023¹

(Metric tons, unless otherwise specified)

Customs district	Total	January	Country or locality	January	
				Quantity	Value ²
Anchorage, AK	1	1	Algeria	44,000	\$4,627,375
Baltimore, MD	716	716	Canada ³	222,630	22,146,938
Boston, MA	32,000	32,000	China	19	8,368
Buffalo, NY	26,844	26,844	Colombia	79,837	8,522,724
Charleston, SC	37,398	37,398	Croatia	716	372,291
Cleveland, OH	5,255	5,255	Egypt	41,724	3,511,594
Columbia-Snake, OR	84,035	84,035	France	48	61,226
Detroit, MI ³	36,420	36,420	Germany	4	3,834
El Paso, TX ³	24,921	24,921	Greece	262,139	18,790,349
Great Falls, MT	7,709	7,709	India	49,500	5,249,051
Honolulu, HI	35,770	35,770	Italy	200	230,870
Houston-Galveston, TX	367,611	367,611	Korea, Republic of	104,831	8,131,313
Laredo, TX	56,382	56,382	Mexico ³	141,960	18,997,847
Los Angeles, CA	23,712	23,712	Netherlands	256	283,132
Miami, FL	128,722	128,722	Poland	1,544	1,530,191
Mobile, AL	47,366	47,366	Spain	77,899	6,744,880
New Orleans, LA	198,016	198,016	Taiwan	35,770	3,321,960
New York City, NY	189,602	189,602	Tunisia	16,413	3,170,742
Nogales, AZ	24,359	24,359	Turkey	848,946	84,421,539
Norfolk, VA	68,995	68,995	United Arab Emirates	134,285	13,109,743
Ogdensburg, NY	11,083	11,083	Vietnam	124,310	14,607,008
Pembina, ND	4,911	4,911	Total ^{2,3}	2,187,031	217,842,975
Philadelphia, PA	45,199	45,199			
Portland, ME	499	499			
Providence, RI	71,387	71,387			
San Diego, CA	78	78			
San Francisco, CA	136,310	136,310			
San Juan, PR	37,739	37,739			
Savannah, GA	190,330	190,330			
Seattle, WA ³	59,815	59,815			
St. Albans, VT	12,352	12,352			
Tampa, FL	170,794	170,794			
Wilmington, NC	50,700	50,700			
Total:					
Quantity ³	2,187,031	2,187,031			
Value ^{2,3}	\$217,842,975	\$217,842,975			

-- 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, JANUARY 2023^{1,2}

(Metric tons, unless otherwise specified)

Customs district	Canada	Egypt	Mexico	Tunisia	Turkey
Buffalo, NY	5,510	--	--	--	--
Detroit, MI	17,299	--	--	--	--
El Paso, TX	--	--	1,840	--	--
Houston-Galveston, TX	--	29,005	--	--	--
Laredo, TX	--	--	12,184	--	--
Los Angeles, CA	--	5,712	--	--	--
Miami, FL	--	--	7,501	--	87,050
Ogdensburg, NY	3,189	--	--	--	--
San Diego, CA	--	--	78	--	--
San Juan, PR	--	--	--	7,113	--
Tampa, FL	--	--	--	--	33,000
Wilmington, NC	--	--	--	--	19,952
Total:					
Quantity	25,998	34,717	21,603	7,113	140,002
Value ³	\$3,452,991	\$3,080,834	\$4,258,010	\$1,289,949	\$14,071,942

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 2023^{1,2}

(Metric tons, unless otherwise specified)

Customs district	Total	January	Country or locality	January	
				Quantity	Value ³
Buffalo, NY	5,510	5,510	Canada	25,998	\$3,452,991
Detroit, MI	17,299	17,299	Egypt	34,717	3,080,834
El Paso, TX	1,840	1,840	Mexico	21,603	4,258,010
Houston-Galveston, TX	29,005	29,005	Tunisia	7,113	1,289,949
Laredo, TX	12,184	12,184	Turkey	140,002	14,071,942
Los Angeles, CA	5,712	5,712	Total:	229,433	26,153,726
Miami, FL	94,551	94,551			
Ogdensburg, NY	3,189	3,189			
San Diego, CA	78	78			
San Juan, PR	7,113	7,113			
Tampa, FL	33,000	33,000			
Wilmington, NC	19,952	19,952			
Total:					
Quantity	229,433	229,433			
Value ³	\$26,153,726	\$26,153,726			

-- 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 2023¹

(Metric tons, unless otherwise specified)

Customs district	Canada	Poland	Turkey	January		January		
				Total	January	Country or locality	Quantity	Value ²
Cleveland, OH	--	547	--	547	547	Canada ³	373	\$24,776
Laredo, TX	--	--	42,000	42,000	42,000	Poland	547	36,101
Seattle, WA ³	373	--	--	373	373	Turkey	42,000	4,696,509
Total:						Total	42,920	4,757,386
Quantity	373	547	42,000	42,920	42,920			
Value ²	\$24,776	\$36,101	\$4,696,509	\$4,757,386	\$4,757,386			

-- 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.