



MINERAL INDUSTRY SURVEYS

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20241



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Cement Monthly

CEMENT IN SEPTEMBER 1987

Portland cement shipments in the United States and Puerto Rico were 8.96 million short tons in September, according to the Bureau of Mines, U.S. Department of the Interior. This was 4% above shipments in September 1986. Cumulative shipments through September 1987, 67.9 million short tons, were slightly above cumulative shipments through September 1986.

The leading portland cement producing States (California, Pennsylvania, Texas, Michigan, and Missouri) shipped 36% of the September total. California, Texas, Florida, Illinois, and Ohio, the leading consuming states, received 35% of total shipments.

Masonry cement shipments of 359,000 tons in September were 4% above shipments in September, 1986. The leading producing States or districts (Florida, Indiana, Pennsylvania, Kentucky-Virginia-West-Virginia, and Michigan) shipped 50% of the total and leading consuming States (Florida, North Carolina, Georgia, Virginia, and Ohio) received 37% of total shipments. Cumulative shipments through September 1987, 2.92 million tons, were 5% more than cumulative shipments through September 1986.

Tables 5, 6, and 7 contain August import data as reported by the Bureau of the Census which were not available for publication in the August report. August imports of 1.8 million tons were slightly above imports in August 1986. Cumulative imports through August of 11.8 million tons, were 9% above cumulative imports through August 1986.

TABLE 1. - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF SEPTEMBER, 1987 1/

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	SEPTEMBER	YEAR TO DATE	SEPTEMBER	YEAR TO DATE
NEW YORK, MAINE	396,106	2,743,926	12,315	86,480
PENNSYLVANIA EASTERN	459,974	3,532,016	28,392	235,459
PENNSYLVANIA WESTERN	175,305	1,135,356	10,784	72,576
MARYLAND	138,928	1,279,548	8,537	71,141
OHIO	186,452	1,309,919	15,172	105,594
MICHIGAN	532,308	3,647,449	25,960	207,161
INDIANA	269,555	1,853,542	41,019	321,037
ILLINOIS	212,795	1,314,191	3/	3/
GEORGIA, TENNESSEE	192,694	1,686,155	21,992	174,844
SOUTH CAROLINA	224,300	1,895,530	3/	3/
KENTUCKY, VIRGINIA, WEST VIRGINIA	232,053	1,847,808	31,706	251,913
FLORIDA	305,151	2,525,770	41,062	340,610
NEBRASKA, WISCONSIN	99,153	552,677	1,053	6,435
ALABAMA	304,898	2,626,113	24,326	201,238
ARKANSAS, LOUISIANA, MISSISSIPPI	142,745	1,124,144	4,876	54,628
UTAH	137,775	816,838	115	823
SOUTH DAKOTA	66,952	398,751	530	3,286
IOWA	259,277	1,780,445	5,172	39,333
MISSOURI	491,329	3,588,986	17,514	137,755
KANSAS	219,250	1,312,131	5,716	40,243
OKLAHOMA	160,879	1,173,246	4,477	34,378
TEXAS NORTHERN	369,081	2,960,069	10,919	94,299
TEXAS SOUTHERN	257,200	2,716,751	2,568	26,070
IDAHO, MONTANA	88,397	509,758	433	2,813
COLORADO, WYOMING	157,344	975,167	3/	3/
ALASKA, OREGON	97,954	519,397	267	267
ARIZONA, NEVADA, NEW MEXICO	176,597	1,521,902	5,619	61,578
CALIFORNIA NORTHERN	281,257	2,124,797	3,327	3,327
CALIFORNIA SOUTHERN	614,223	5,448,836	3/	3/
HAWAII	26,523	242,875	886	7,359
WASHINGTON	95,641	689,413	723	5,529
PUERTO RICO	112,361	976,564		
U.S. TOTAL.....	7,485,457	56,830,070	347,758	2,820,718
FOREIGN IMPORTS.....4/	1,470,937	11,041,383	11,570	94,407
TOTAL SHIPMENTS.....	8,956,394	67,871,453	359,328	2,915,125

- 1/ REVISIONS AND CORRECTIONS SUBMITTED AFTER THE INITIAL REPORT HAVE BEEN INCORPORATED IN THE APPROPRIATE MONTH.
- 2/ EXCLUDES CEMENT USED IN THE MANUFACTURE OF PREPARED MASONRY CEMENT
- 3/ WITHHELD TO AVOID DISCLOSING INDIVIDUAL COMPANY PROPRIETARY DATA; INCLUDED IN TOTALS
- 4/ AS REPORTED BY DOMESTIC AND CANADIAN CEMENT MANUFACTURERS AND OTHER IMPORTERS. SOURCE OF IMPORTS WITHHELD TO AVOID DISCLOSING INDIVIDUAL COMPANY DATA.

TABLE 2. - CEMENT SHIPMENTS BY DESTINATION FOR MONTH OF SEPTEMBER, 1987 1/, 2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS) 3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	SEPTEMBER	YEAR TO DATE	SEPTEMBER	YEAR TO DATE
ALABAMA	121,985	1,039,760	12,291	104,453
ALASKA	24,792	72,568	5/	5/
ARIZONA	194,969	1,717,728	5/	5/
ARKANSAS	76,827	590,046	4,089	33,578
CALIFORNIA NORTHERN	358,298	2,712,361	5/	5/
CALIFORNIA SOUTHERN	723,393	6,206,710	5/	5/
COLORADO	130,395	855,194	1,472	12,809
CONNECTICUT 4/	99,935	745,205	2,613	17,867
DELAWARE 4/	23,375	183,345	1,379	11,160
DISTRICT OF COLUMBIA 4/	11,273	103,136	35	645
FLORIDA	591,523	5,110,400	46,445	390,738
GEORGIA	300,432	2,514,655	22,436	190,005
HAWAII	26,565	248,392	886	7,686
IDAHO	27,985	184,306	41	356
ILLINOIS	174,211	1,121,554	3,201	22,235
CHICAGO METROPOLITAN 4/	225,032	1,486,601	7,122	50,098
INDIANA	186,328	1,252,906	10,559	78,553
IOWA	170,663	848,991	1,277	9,310
KANSAS	181,535	985,972	2,698	18,257
KENTUCKY	132,340	912,895	9,564	69,077
LOUISIANA	173,047	1,310,381	3,927	33,195
MAINE	39,087	259,603	1,423	9,057
MARYLAND	139,312	1,212,623	14,146	117,810
MASSACHUSETTS 4/	134,686	1,193,108	4,776	37,848
MICHIGAN	308,538	2,051,189	14,572	112,192
MINNESOTA 4/	207,898	1,213,515	5,279	39,794
MISSISSIPPI	81,836	585,915	5,093	39,905
MISSOURI	224,026	1,601,645	5,303	41,517
MONTANA	21,603	137,279	123	891
NEBRASKA	96,813	546,680	1,200	7,857
NEVADA	76,641	563,527		52
NEW HAMPSHIRE, 4/	29,765	265,690	1,216	11,714
NEW JERSEY 4/	178,455	1,420,986	7,932	65,483
NEW MEXICO	44,604	395,805	860	6,466
NEW YORK EASTERN	84,782	538,541	4,571	33,784
NEW YORK WESTERN	104,478	723,760	5,420	43,941
NEW YORK METROPOLITAN 4/	161,404	1,351,959	5,198	41,222
NORTH CAROLINA 4/	180,422	1,619,415	24,995	216,515
NORTH DAKOTA 4/	46,086	206,911	403	3,011
OHIO	364,614	2,435,081	19,672	141,749
OKLAHOMA	95,387	780,310	2,892	26,658
OREGON	88,304	549,869	17	115
PENNSYLVANIA EASTERN	205,489	1,536,436	8,606	65,189
PENNSYLVANIA WESTERN	150,397	1,033,922	8,699	63,082
PUERTO RICO	112,361	976,564		
RHODE ISLAND 4/	21,672	183,180	514	4,626
SOUTH CAROLINA	97,844	859,479	13,193	116,133
SOUTH DAKOTA	33,390	205,003	578	3,702
TENNESSEE	173,225	1,412,885	19,154	156,943
TEXAS NORTHERN	315,777	2,930,680	8,525	74,912
TEXAS SOUTHERN	359,625	3,241,750	5,889	51,570
UTAH	108,082	624,500	152	990
VERMONT 4/	14,671	135,138	679	4,637
VIRGINIA	245,893	1,906,543	20,899	173,190
WASHINGTON	138,140	1,026,304	755	6,121
WEST VIRGINIA	56,063	342,534	3,261	24,593
WISCONSIN	193,783	1,203,194	4,983	35,848
WYOMING	43,675	257,349	90	728
FOREIGN COUNTRIES 6/	22,663	139,475	8,225	85,258
TOTAL SHIPMENTS.....	8,956,394	67,871,453	359,328	2,915,125

- 1/ REVISIONS AND CORRECTIONS SUBMITTED AFTER THE INITIAL REPORT HAVE BEEN INCORPORATED IN THE APPROPRIATE MONTH.
- 2/ INCLUDES IMPORTED CEMENT SHIPPED BY DOMESTIC AND CANADIAN CEMENT MANUFACTURERS AND OTHER IMPORTERS.
- 3/ EXCLUDES CEMENT USED IN THE MANUFACTURE OF PREPARED MASONRY CEMENT.
- 4/ HAS NO CEMENT PRODUCING PLANTS.
- 5/ INCLUDED WITH FOREIGN COUNTRIES TO AVOID DISCLOSURE OF INDIVIDUAL COMPANY CONFIDENTIAL DATA.
- 6/ DIRECT SHIPMENTS BY PRODUCERS TO FOREIGN COUNTRIES, AND ALSO STATES INDICATED BY FOOT-NOTE 5/.

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1982-1987) FOR MONTH OF SEPTEMBER 1/ 2/ PAGE 1
IN THOUSAND SHORT TONS

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH-		--PERCENT CHANGE FROM--		
								QTY.	YR	1986	5-YEAR AVG	---CURRENT YEAR TO---
ALABAMA	90	101	105	122	117	107	122	132	76	4.3	14.0	-7.6
ALASKA	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	93	131	124	154	182	139	195	195	87	7.1	40.3	0.0
ARKANSAS	63	71	75	75	81	73	77	101	76	-4.9	5.5	-23.8
CALIFORNIA NORTHERN	216	294	302	318	333	293	358	358	87	7.5	22.2	0.0
CALIFORNIA SOUTHERN	328	418	461	552	656	483	723	723	87	10.2	49.7	0.0
COLORADO	134	180	159	166	140	156	130	180	83	-7.1	-16.7	-27.8
CONNECTICUT 3/	62	65	72	77	98	75	100	110	72	2.0	33.3	-9.1
DELAWARE 3/	14	15	15	18	22	17	23	23	87	4.5	35.3	0.0
DISTRICT OF COLUMBIA 3/	14	11	9	10	13	11	11	27	74	-15.4	0.0	-59.3
FLORIDA	323	420	442	455	576	443	592	592	87	2.8	33.6	0.0
GEORGIA	163	191	261	266	268	230	300	300	87	11.9	30.4	0.0
HAWAII	20	17	9	17	27	18	27	46	69	0.0	50.0	-41.3
IDAH0	25	30	31	27	29	28	28	59	76	-3.4	0.0	-52.5
ILLINOIS	285	274	272	310	364	301	399	506	74	9.6	32.6	-21.1
INDIANA	125	141	130	166	169	146	186	247	67	10.1	27.4	-24.7
IOWA	220	174	163	135	141	167	171	319	75	21.3	2.4	-46.4
KANSAS	104	117	120	155	113	122	182	182	87	61.1	49.2	0.0
KENTUCKY	105	93	112	114	117	108	132	141	78	12.8	22.2	-6.4
LOUISIANA	236	218	230	198	167	210	173	243	78	3.6	-17.6	-28.8
MAINE	25	31	31	33	36	31	39	40	76	8.3	25.8	-2.5
MARYLAND	96	129	125	132	161	129	139	161	86	-13.7	7.8	-13.7
MASSACHUSETTS 3/	95	117	126	129	161	126	135	161	86	-16.1	7.1	-16.1
MICHIGAN	168	195	212	266	268	222	309	400	72	15.3	39.2	-22.8
MINNESOTA 3/	163	152	139	149	193	159	208	247	71	7.8	30.8	-15.8
MISSISSIPPI	71	74	70	69	82	73	82	103	78	0.0	12.3	-20.4
MISSOURI	166	156	161	205	192	176	224	228	78	16.7	27.3	-1.8
MONTANA	27	29	24	19	44	29	22	57	69	-50.0	-24.1	-61.4
NEBRASKA	114	106	124	73	79	99	97	142	79	22.8	-2.0	-31.7
NEVADA	36	44	36	68	57	48	77	77	87	35.1	60.4	0.0
NEW HAMPSHIRE 3/	28	29	31	37	35	32	30	37	85	-14.3	-6.3	-18.9
NEW JERSEY 3/	124	139	155	154	191	153	178	224	72	-6.8	16.3	-20.5
NEW MEXICO	43	54	52	51	46	49	45	59	77	-2.2	-8.2	-23.7
NEW YORK EASTERN	34	44	53	57	98	57	85	103	79	-13.3	49.1	-17.5
NEW YORK WESTERN	95	98	88	100	106	97	104	138	73	-1.9	7.2	-24.6
NEW YORK METROPOLITAN 3/	102	142	127	133	210	143	161	210	86	-23.3	12.6	-23.3
NORTH CAROLINA	158	148	151	174	198	166	180	198	86	-9.1	8.4	-9.1
NORTH DAKOTA 3/	37	40	36	33	41	37	46	72	75	12.2	24.3	-36.1
OHIO	230	268	277	318	341	287	365	432	73	7.0	27.2	-15.5
OKLAHOMA	160	164	135	125	91	135	95	169	81	4.4	-29.6	-43.8

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1982-1987) FOR MONTH OF SEPTEMBER 1/ 2/ PAGE 2
IN THOUSAND SHORT TONS

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH-		-PERCENT CHANGE FROM--		
								QTY.	YR	1986	5-YEAR AVG	---CURRENT YEAR TO----
OREGON	71	67	74	86	66	73	88	97	74	33.3	20.5	-9.3
PENNSYLVANIA EASTERN	147	160	166	175	207	171	205	245	67	-1.0	19.9	-16.3
PENNSYLVANIA WESTERN	91	132	118	140	146	125	150	180	67	2.7	20.0	-16.7
RHODE ISLAND 3/	14	16	14	16	17	15	22	26	66	29.4	46.7	-15.4
SOUTH CAROLINA	68	74	86	106	97	86	98	106	85	1.0	14.0	-7.5
SOUTH DAKOTA	31	39	26	58	42	39	33	61	79	-21.4	-15.4	-45.9
TENNESSEE	104	134	138	146	154	135	173	177	78	12.3	28.1	-2.3
TEXAS	823	886	803	905	733	830	675	905	85	-7.9	-18.7	-25.4
UTAH	58	120	119	132	103	106	108	132	85	4.9	1.9	-18.2
VERMONT 3/	15	17	17	20	20	18	15	20	86	-25.0	-16.7	-25.0
VIRGINIA	129	168	178	195	231	180	246	246	87	6.5	36.7	0.0
WASHINGTON	97	116	111	125	119	114	138	159	66	16.0	21.1	-13.2
WEST VIRGINIA	55	43	41	48	50	47	56	85	73	12.0	19.1	-34.1
WISCONSIN	152	170	194	164	181	172	194	249	69	7.2	12.8	-22.1
WYOMING	45	47	45	50	42	46	44	67	81	4.8	-4.3	-34.3
PUERTO RICO	77	78	72	74	102	81	112	170	71	9.8	38.3	-34.1
FOREIGN COUNTRIES	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
UNDISTRIBUTED 5/	62	54	46	37	34	47	48	138	75	41.2	2.1	-65.2
TOTAL	6631	7441	7493	8151	8587	7661	8955	8955	87	4.3	16.9	0.0

1/ INCLUDES IMPORTED CEMENT SHIPPED BY DOMESTIC AND CANADIAN CEMENT MANUFACTURERS AND OTHER IMPORTERS.

2/ EXCLUDES CEMENT USED IN THE MANUFACTURE OF PREPARED MASONRY CEMENT

3/ HAS NO CEMENT PRODUCING PLANT.

4/ INCLUDED WITH UNDISTRIBUTED TO AVOID DISCLOSURE OF INDIVIDUAL COMPANY DATA.

5/ DIRECT SHIPMENTS BY PRODUCERS TO FOREIGN COUNTRIES, AND ALSO STATES INDICATED BY FOOTNOTE 4/.

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1982-1987) FOR MONTH OF SEPTEMBER 1/ PAGE 5
IN THOUSAND SHORT TONS

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH- QTY.	YR	-PERCENT CHANGE FROM-- ---CURRENT YEAR TO---		
										1986	5-YEAR AVG	RECORD YEAR
ALABAMA	6	7	9	9	10	8	12	12	78	20.0	50.0	0.0
ALASKA	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
ARIZONA	3	4	4	4	4	4	4	4	77	0.0	0.0	-42.5
ARKANSAS									78	0.0	0.0	0.0
CALIFORNIA NORTHERN	2	3	4/	4/	4/	4/	1	1	79	0.0	0.0	0.0
CALIFORNIA SOUTHERN	2	1	3	2	2	2	1	5	72	-50.0	-50.0	-80.0
COLORADO	1	1	1	1	1	1	3	3	87	50.0	50.0	0.0
CONNECTICUT 2/	1	4/	4/	4/	4/	4/	1	1	86	0.0	0.0	0.0
DELAWARE 2/	1	4/	4/	4/	4/	4/	4/	4	69	0.0	0.0	-100.0
DISTRICT OF COLUMBIA 2/	26	36	36	35	46	36	46	46	86	0.0	27.8	0.0
FLORIDA	13	16	19	20	20	18	22	22	87	10.0	22.2	0.0
GEORGIA	4/	4/	4/	4/	4/	4/	1	1	73	0.0	0.0	0.0
HAWAII	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
IDAHO	6	7	7	8	9	7	10	15	78	11.1	42.9	-33.3
ILLINOIS	7	8	8	9	10	8	11	14	78	10.0	37.5	-21.4
INDIANA	1	1	1	1	1	1	1	3	76	0.0	0.0	-66.7
IOWA	2	2	2	2	2	2	3	3	76	50.0	50.0	0.0
KANSAS	6	8	8	9	8	8	10	14	78	25.0	25.0	-28.6
KENTUCKY	6	7	6	5	4	5	4	8	78	0.0	-33.3	-50.0
LOUISIANA	1	1	1	1	1	1	1	2	72	0.0	0.0	-50.0
MAINE	8	12	12	12	15	12	14	15	86	-6.7	16.7	-6.7
MARYLAND	3	4	4	4	5	4	5	5	86	0.0	25.0	0.0
MASSACHUSETTS 2/	7	9	9	12	13	10	15	20	67	15.4	50.0	-25.0
MICHIGAN	4	4	4	5	5	4	5	7	78	0.0	25.0	-28.6
MINNESOTA 2/	4	5	5	5	5	5	5	8	78	0.0	0.0	-37.5
MISSISSIPPI	4	6	4	4	5	5	5	6	78	0.0	0.0	-16.7
MISSOURI	4/	4/	4/	4/	4/	4/	4/	4/	75	0.0	0.0	0.0
MONTANA	1	1	1	1	1	1	1	2	77	0.0	0.0	-50.0
NEBRASKA								4/	78	0.0	0.0	0.0
NEVADA	1	1	1	1	2	1	1	2	86	-50.0	0.0	-50.0
NEW HAMPSHIRE 2/	5	6	7	7	9	7	8	9	68	-11.1	14.3	-11.1
NEW JERSEY 2/	1	1	1	1	1	1	1	2	75	0.0	0.0	-50.0
NEW MEXICO	2	2	3	4	5	3	5	5	72	0.0	66.7	0.0
NEW YORK EASTERN	3	4	4	4	6	4	5	7	73	-16.7	25.0	-28.6
NEW YORK WESTERN	4	5	4	4	5	4	5	5	86	0.0	25.0	0.0
NEW YORK METROPOLITAN 2/	15	21	20	22	25	21	25	25	72	0.0	19.0	0.0
NORTH CAROLINA	1	1	1	4/	4/	1	4/	1	78	0.0	-100.0	-100.0
NORTH DAKOTA 2/	11	14	13	16	18	14	20	27	78	11.1	42.9	-25.9
OHIO	5	7	5	4	3	5	3	7	78	0.0	-40.0	-57.1
OKLAHOMA												

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1982-1987) FOR MONTH OF SEPTEMBER 1/ PAGE 6
IN THOUSAND SHORT TONS

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH-		1986	5-YEAR AVG	-PERCENT CHANGE FROM--	
								QTY.	YR			---CURRENT YEAR TO---	RECORD YEAR
OREGON	4/	4/	4/	4/	4/	4/	4/	4/	79	0.0	0.0	0.0	0.0
PENNSYLVANIA EASTERN	5	6	6	6	7	6	9	9	87	28.6	50.0	0.0	0.0
PENNSYLVANIA WESTERN	7	7	7	8	8	7	9	12	78	12.5	28.5	-25.0	0.0
RHODE ISLAND 2/	4/	4/	4/	4/	4/	4/	1	1	86	0.0	0.0	0.0	0.0
SOUTH CAROLINA	7	10	10	11	12	10	13	13	73	8.3	30.0	0.0	0.0
SOUTH DAKOTA	4/	4/	4/	4/	4/	4/	1	1	77	0.0	0.0	0.0	0.0
TENNESSEE	10	14	13	15	18	14	19	20	78	5.6	35.7	-5.0	0.0
TEXAS	22	25	23	24	16	22	14	25	83	-12.5	-36.4	-44.0	0.0
UTAH	4/	4/	4/	4/	4/	4/	4/	4/	79	0.0	0.0	0.0	0.0
VERMONT 2/	1	1	1	1	1	1	1	1	77	0.0	0.0	0.0	0.0
VIRGINIA	11	14	15	16	21	15	21	21	78	0.0	40.0	0.0	0.0
WASHINGTON	1	1	1	1	1	1	1	1	80	0.0	0.0	0.0	0.0
WEST VIRGINIA	3	4	3	3	3	3	3	7	78	0.0	0.0	-57.1	0.0
WISCONSIN	4	4	4	4	5	4	5	8	77	0.0	25.0	-37.5	0.0
WYOMING	4/	4/	4/	4/	4/	4/	4/	2	69	0.0	0.0	-100.0	0.0
PUERTO RICO									00	0.0	0.0	0.0	0.0
FOREIGN COUNTRIES	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
UNDISTRIBUTED 5/	5	8	8	8	8	7	7	9	78	-12.5	0.0	-22.2	0.0
TOTAL	238	300	296	310	344	298	359	398	78	4.1	20.1	-10.1	0.0

1/ INCLUDES IMPORTED CEMENT SHIPPED BY DOMESTIC AND CANADIAN CEMENT MANUFACTURERS AND OTHER IMPORTERS.

2/ HAS NO CEMENT PRODUCING PLANT.

3/ INCLUDED WITH UNDISTRIBUTED TO AVOID DISCLOSURE OF INDIVIDUAL COMPANY DATA.

4/ LESS THAN 1/2 UNIT.

5/ DIRECT SHIPMENTS BY PRODUCER TO FOREIGN COUNTRIES, AND ALSO STATES INDICATED BY FOOTNOTE 3/.

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
AUGUST 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/
(SHORT TONS)

CUSTOMS DISTRICT	---BAHAMAS---	BELGIUM, -LUXEMBOURG-	---BRAZIL---	---CANADA---	---COLOMBIA---	---DENMARK---	DOMINICAN --REPUBLIC--
ANCHORAGE, ALASKA-----				920			
BALTIMORE, MD.-----	6,368			12,414			
BOSTON, MASS.-----				106,996			
BUFFALO, N.Y.-----				92			
CHARLESTON, S.C.-----							
CHICAGO, ILL.-----				13,409			
CLEVELAND, OHIO-----				83,067			
DETROIT, MICH.-----				10,588			
DULUTH, MINN.-----							
EL PASO, TEX.-----				30			
GREAT FALLS, MONT.-----							
HONOLULU, HAWAII-----							
HOUSTON, TEX.-----							
LAREDO, TEX.-----							
LOS ANGELES, CALIF.-----							
MIAMI, FLA.-----						1,800	
MILWAUKEE, WIS.-----							
MOBILE, ALA.-----							
NEW ORLEANS, LA.-----							
NEW YORK CITY, N.Y.-----							
NOGALES, ARIZ.-----							
NORFOLK, VA.-----							
OGDENSBURG, N.Y.-----				42,151			
PEMBINA, N. DAK.-----				14,733			
PHILADELPHIA, PA.-----							
PORTLAND, MAINE-----				1,122			
PORTLAND, OREG.-----					23,312		
PROVIDENCE, R.I.-----							
SAN DIEGO, CALIF.-----					574		4,331
SAN FRANCISCO, CALIF.-----							
SAN JUAN, P.R.-----			782	20,009			
SAVANNAH, GA.-----							
SEATTLE, WASH.-----				73,699			
ST. ALBANS, VT.-----				32,847			
TAMPA, FLA.-----					34,992		16,361
VIRGIN ISLANDS OF U.S.-----					21,600		
WILMINGTON, N.C.-----							
AUGUST:							
QUANTITY 4/-----	6,368		782	191	412,077	80,478	22,492
VALUE 5/-----	\$235,299	\$89,159	\$13,549	\$15,451,929	\$2,873,843	\$2,157,281	
YEAR-TO-DATE:							
QUANTITY 4/-----	126,985	37,320	620	2,760,817	436,400	58,603	235
VALUE 5/-----	\$4,569,511	\$1,617,264	\$47,494	\$104,664,338	\$14,221,837	\$5,989,247	\$14,4850

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
AUGUST 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	GERMANY		GREECE---		HONDURAS--		INDONESIA--		JAPAN---		KOREA, REPUBLIC OF--		LEEWARD AND--	
	---FRANCE---	---WEST---	---	---	---	---	---	---	---	---	---	---	---	---
ANCHORAGE, ALASKA-----									1,433					
BALTIMORE, MD.-----														
BOSTON, MASS.-----														
BUFFALO, N.Y.-----														
CHARLESTON, S.C.-----														
CHICAGO, ILL.-----														
CLEVELAND, OHIO-----														
DETROIT, MICH.-----														
DULUTH, MINN.-----														
EL PASO, TEX.-----														
GREAT FALLS, MONT.-----														
HONOLULU, HAWAII-----														
HOUSTON, TEX.-----														
LAREDO, TEX.-----														
LOS ANGELES, CALIF.-----	18								62,838		58,687			
MIAMI, FLA.-----														
MILWAUKEE, WIS.-----														
MOBILE, ALA.-----														
NEW ORLEANS, LA.-----	25,908													
NEW YORK CITY, N.Y.-----														
NOGALES, ARIZ.-----														
NORFOLK, VA.-----	6,451													
OGDENSBURG, N.Y.-----														
PENBINA, N. DAK.-----														
PHILADELPHIA, PA.-----														
PORTLAND, MAINE-----														
PORTLAND, OREG.-----														
PROVIDENCE, R.I.-----														
SAN DIEGO, CALIF.-----														
SAN FRANCISCO, CALIF.-----														
SAN JUAN, P.R.-----														
SAVANNAH, GA.-----														
SEATTLE, WASH.-----														
ST. ALBANS, VT.-----														
TAMPA, FLA.-----														
VIRGIN ISLANDS OF U.S.-----														
WILMINGTON, N.C.-----														
AUGUST:														
QUANTITY 4/-----	32,377	53	201,195		4,963				105,737		58,687			
VALUE 5/-----	\$1,259,343	\$27,427	\$5,772,314		\$226,760				\$3,930,917		\$1,881,154			
YEAR-TO-DATE:														
QUANTITY 4/-----	442,881	832	1,017,929		37,838				428,903		472,479		851	
VALUE 5/-----	\$14,238,633	\$570,016	\$30,491,671		\$1,645,200				\$13,760,263		\$14,105,197		\$28,595	

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
AUGUST 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	UNITED			
	---MEXICO---	---MOROCCO---	---MOZAMBIQUE- -NETHERLANDS ----SPAIN--	---SWEDEN--- ----KINGDOM-- ---VENEZUELA-
ANCHORAGE, ALASKA-----				
BALTIMORE, MD.-----	9,051			
BOSTON, MASS.-----				
BUFFALO, N.Y.-----				
CHARLESTON, S.C.-----				
CHICAGO, ILL.-----				
CLEVELAND, OHIO-----				
DETROIT, MICH.-----			43,130	
DULUTH, MINN.-----				
EL PASO, TEX.-----	53,685			
GREAT FALLS, MONT.-----				
HONOLULU, HAWAII-----				
HOUSTON, TEX.-----	6,514		28,659	
LAREDO, TEX.-----	24,711			
LOS ANGELES, CALIF.-----				
MIAMI, FLA.-----	25,938		26,200	65,203
MILWAUKEE, WIS.-----				
MOBILE, ALA.-----	54,060			
NEW ORLEANS, LA.-----	68,082		105,843	
NEW YORK CITY, N.Y.-----	14,252		40,366	
NOGALES, ARIZ.-----	31,886		27,752	
NORFOLK, VA.-----				
OGDENSBURG, N.Y.-----				
PEMBINA, N. DAK.-----			18,000	
PHILADELPHIA, PA.-----				
PORTLAND, MAINE-----				
PORTLAND, OREG.-----				
PROVIDENCE, R.I.-----				
SAN DIEGO, CALIF.-----	36,067			
SAN FRANCISCO, CALIF.-----	26,277		5,880	
SAN JUAN, P.R.-----				
SAVANNAH, GA.-----				
SEATTLE, WASH.-----				
ST. ALBANS, VT.-----				
TAMPA, FLA.-----			46,404	9,682
VIRGIN ISLANDS OF U.S.-----				7,108
WILMINGTON, N.C.-----				
AUGUST:				
QUANTITY 4/-----	470,036	5	3,32,284	81,993
VALUE 5/-----	\$14,912,790	\$7,485	\$12,107,620	\$3,058 \$2,586,802
YEAR-TO-DATE:				
QUANTITY 4/-----	3,275,976	573	2,034,988	35,757
VALUE 5/-----	\$104,794,425	\$300,359	\$74,566,477	\$6,219 \$18,166,113

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
AUGUST 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	-YUGOSLAVIA-	-----T O T A L 4/-----	-----TO DATE--
ANCHORAGE, ALASKA-----		2,353	27,971
BALTIMORE, MD.-----		34,648	196,701
BOSTON, MASS.-----		22,414	194,700
BUFFALO, N.Y.-----		106,996	592,059
CHARLESTON, S.C.-----		92	111
CHICAGO, ILL.-----			285
CLEVELAND, OHIO-----		13,409	116,094
DETROIT, MICH.-----		126,197	712,049
DULUTH, MINN.-----		28,534	80,094
EL PASO, TEX.-----		53,685	398,705
GREAT FALLS, MONT.-----		30	160
HONOLULU, HAWAII-----			46,341
HOUSTON, TEX.-----		35,205	523,125
LAREDO, TEX.-----		24,711	201,911
LOS ANGELES, CALIF.-----	72	121,615	767,509
MIAMI, FLA.-----		119,141	827,443
MILWAUKEE, WIS.-----			38
MOBILE, ALA.-----		54,060	421,853
NEW ORLEANS, LA.-----		270,387	1,096,357
NEW YORK CITY, N.Y.-----		138,089	970,794
NOGALES, ARIZ.-----		31,886	256,284
NORFOLK, VA.-----		34,203	268,484
ODGENSBURG, N.Y.-----		42,151	371,217
PEMBINA, N. DAK.-----		14,733	57,835
PHILADELPHIA, PA.-----		18,021	92,834
PORTLAND, MAINE-----		1,122	8,480
PORTLAND, OREG.-----			82,075
PROVIDENCE, R.I.-----		23,312	128,486
SAN DIEGO, CALIF.-----		61,439	460,725
SAN FRANCISCO, CALIF.-----		46,286	285,714
SAN JUAN, P.R.-----		16,722	132,073
SAVANNAH, GA.-----			65,444
SEATTLE, WASH.-----		89,792	424,197
ST. ALBANS, VT.-----		32,847	261,865
TAMPA, FLA.-----		226,952	1,561,122
VIRGIN ISLANDS OF U.S.-----		7,108	28,607
WILMINGTON, N.C.-----		21,600	102,029

AUGUST:
QUANTITY 4/----- 72 1,819,740
VALUE 5/----- \$30,382 \$63,567,112

YEAR-TO-DATE:
QUANTITY 4/----- 180 11,761,771
VALUE 5/----- \$72,604 \$405,533,875

W WITHHELD TO AVOID DISCLOSING COMPANY PROPRIETARY DATA.
1/ INCLUDES WHITE CEMENT AS SHOWN IN TABLE 6.
2/ INCLUDES CLINKER AS SHOWN IN TABLE 7.
3/ INCLUDES PUERTO RICO.
4/ DATA MAY NOT ADD TO TOTALS SHOWN BECAUSE OF INDEPENDENT ROUNDING.
5/ VALUE=CIF (COST, INSURANCE AND FREIGHT).
SOURCE: U.S. BUREAU OF THE CENSUS.

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
AUGUST 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	BELGIUM, -LUXEMBOURG-	---BRAZIL---	---CANADA---	---COLOMBIA---	---DENMARK---	----JAPAN---	LEEWARD AND-- WINDWARD---	----MEXICO---
BUFFALO, N.Y.-----			W					
DETROIT, MICH.-----			W					
EL PASO, TEX.-----								105
HONOLULU, HAWAII-----								
LAREDO, TEX.-----								557
LOS ANGELES, CALIF.-----								
MIAMI, FLA.-----					1,800			
NEW YORK CITY, N.Y.-----								
NOGALES, ARIZ.-----								
OGDENSBURG, N.Y.-----			23					
PHILADELPHIA, PA.-----								
PORTLAND, MAINE-----								
SAN DIEGO, CALIF.-----								
SAN JUAN, P.R.-----	782	191		574	4,331			514
SAVANNAH, GA.-----						W		
ST. ALBANS, VT.-----								
TAMPA, FLA.-----								
VIRGIN ISLANDS OF U.S.-----								
AUGUST:								
QUANTITY 3/-----	782	191	W	574	W			1,585
VALUE 4/-----	\$89,159	\$13,549	W	\$69,552	W			\$148,176
YEAR-TO-DATE:								
QUANTITY 3/-----	6,161	620	W	1,413	W	18	235	15,825
VALUE 4/-----	\$712,720	\$47,494	W	\$103,472	W	\$4,032	\$8,450	\$1,573,237

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
AUGUST 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	-----SPAIN-----	---S.WEDEN---	--VENEZUELA--	-----T O T A L 3/-----	-----AUGUST--	---TO DATE---
BUFFALO, N.Y.				W		W
DETROIT, MICH.				W		W
EL PASO, TEX.				105		2,682
HONOLULU, HAWAII				667		18
LAREDO, TEX.						7,926
LOS ANGELES, CALIF.						7,428
MIAMI, FLA.	134			1,936		8,545
NEW YORK CITY, N.Y.	943			943		6,860
NOGALES, ARIZ.				23		539
OGDENSBURG, N.Y.						93
PHILADELPHIA, PA.						5,095
PORTLAND, MAINE				814		39
SAN DIEGO, CALIF.				5,878		4,678
SAN JUAN, P.R.						14,938
SAVANNAH, GA.						6,760
ST. ALBANS, VT.				W		25
TAMPA, FLA.			2,208	2,208		W
VIRGIN ISLANDS OF U.S.						12,346

AUGUST:
QUANTITY 3/ 1,079 2,208 39,252
VALUE 4/ \$351,026 \$74,600 \$4,014,945

YEAR-TO-DATE:
QUANTITY 3/ 20,271 15 13,352 194,963
VALUE 4/ \$3,269,232 \$2,302 \$395,845 \$18,539,255

- 2/ WITHHELD TO AVOID DISCLOSING COMPANY PROPRIETARY DATA.
1/ DATA INCLUDED IN TABLE 5.
2/ INCLUDES PUERTO RICO.
3/ DATA MAY NOT ADD TO TOTALS SHOWN BECAUSE OF INDEPENDENT ROUNDING.
4/ VALUE=CIF (COST, INSURANCE AND FREIGHT).
SOURCE: U.S. BUREAU OF THE CENSUS.

TABLE 7. - CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES
AUGUST 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	---BELGIUM, -LUXEMBOURG--	---CANADA---	---COLOMBIA--	---FRANCE---	---GREECE---	---JAPAN---	---MEXICO---	---SPAIN---
BUFFALO, N.Y.-----		99						43,130
CLEVELAND, OHIO-----								
DETROIT, MICH.-----		66,690						
HONOLULU, HAWAII-----								
HOUSTON, TEX.-----								
LAREDO, TEX.-----								
MOBILE, ALA.-----								
NEW ORLEANS, LA.-----				5,651	35,823		14,265	
NEW YORK CITY, N.Y.-----				102		1	54,060	
NORFOLK, VA.-----							36,111	
SAN JUAN, P.R.-----		35,734						
SEATTLE, WASH.-----								
ST. ALBANS, VT.-----								
TAMPA, FLA.-----							38,112	32,798
AUGUST:								
QUANTITY 3/-----		102,523		5,753	35,823	1	142,548	75,928
VALUE 4/-----		\$3,368,225		\$198,038	\$974,940	\$3,559	\$3,109,124	\$1,713,194
YEAR-TO-DATE:								
QUANTITY 3/-----	31,159	625,262	57,645	215,269	258,894	24,858	872,273	465,896
VALUE 4/-----	\$904,544	\$20,907,008	\$1,515,427	\$6,734,426	\$6,109,031	\$691,334	\$18,829,329	\$11,263,494

AUGUST:

YEAR-TO-DATE:

TABLE 7. - CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES
AUGUST 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	T O T A L 3/		
	-----AUGUST--	---TO DATE--	
BUFFALO, N.Y.	99	317	
CLEVELAND, OHIO		1	
DETROIT, MICH.	109,820	494,736	
HONOLULU, HAWAII		24,857	
HOUSTON, TEX.		192,331	
LAREDO, TEX.	14,265	95,624	
MOBILE, ALA.	54,060	421,853	
NEW ORLEANS, LA.	77,585	354,725	
NEW YORK CITY, N.Y.		173,488	
NORFOLK, VA.	102	19,878	
SAN JUAN, P.R.	1	52,106	
SEATTLE, WASH.	35,734	145,074	
ST. ALBANS, VT.		695	
TAMPA, FLA.	70,910	575,571	

AUGUST:
QUANTITY 3/ 362,576
VALUE 4/ \$9,367,080

YEAR-TO-DATE:
QUANTITY 3/ 2,551,256
VALUE 4/ \$66,954,593

W WITHHELD TO AVOID DISCLOSING COMPANY PROPRIETARY DATA.
1/ DATA INCLUDED IN TABLE 5.
2/ INCLUDES PUERTO RICO.
3/ DATA MAY NOT ADD TO TOTALS SHOWN BECAUSE OF INDEPENDENT ROUNDING.
4/ VALUE=CIF (COST, INSURANCE AND FREIGHT).
SOURCE: U.S. BUREAU OF THE CENSUS.

FIRST CLASS

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

- ☐ Do not wish to receive this material, please remove from your mailing list.
- ☐ Address change. Please correct as indicated.

Table 8.—Salient cement statistics

Year or month	Thousand short tons					Average price 5/ (current \$7s.t.)
	Ship- ments 1/ 2/	Produc- tion 1/	Imports 3/	Exports	Invento- ries 4/	
1962	65,258	66,163	1,059	71	7,332	17.61
1963	68,666	69,260	758	86	7,425	17.17
1964	72,054	72,453	683	134	7,475	17.12
1965	73,637	73,103	1,035	141	6,193	16.90
1966	74,722	75,533	1,328	201	7,651	16.74
1967	73,371	72,539	1,112	184	7,807	16.87
1968	77,980	77,507	1,370	177	7,892	16.95
1969	80,319	78,375	1,821	111	7,129	17.20
1970	76,385	76,116	2,597	159	7,574	17.88
1971	82,397	80,317	3,088	125	6,425	19.01
1972	85,282	84,556	4,911	101	7,036	20.59
1973	90,727	87,573	6,686	825	5,557	22.23
1974	82,914	82,888	5,732	290	7,510	26.79
1975	70,684	69,721	3,702	494	6,923	31.41
1976	75,226	74,495	3,107	466	7,185	34.25
1977	81,614	80,060	4,038	239	6,074	36.76
1978	87,999	85,481	6,597	58	5,351	41.17
1979	87,153	85,904	9,412	151	6,637	46.61
1980	77,723	76,709	5,263	186	6,685	51.29
1981	72,974	72,932	3,997	303	7,408	52.46
1982	65,053	64,341	2,930	203	6,789	51.43
1983	71,865	71,347	4,268	118	6,743	50.45
1984	81,162	78,699	8,846	80	6,899	52.24
1985	84,004	78,859	14,487	98	7,267	51.87
1986:	88,723	79,916	16,319	59	6,725	50.71
Jan	5,676	NA	874	11	NA	65.92
Feb	4,641	NA	1,024	2	NA	66.07
Mar	6,376	NA	973	3	NA	65.84
Apr	8,131	NA	1,244	3	NA	65.69
May	8,454	NA	1,449	4	NA	66.70
Jun	8,771	NA	1,543	10	NA	65.56
Jul	9,168	NA	1,923	5	NA	64.43
Aug	9,090	NA	1,810	4	NA	63.35
Sep	8,980	NA	1,512	4	NA	63.43
Oct	9,588	NA	1,308	4	NA	63.28
Nov	6,861	NA	1,615	3	NA	63.28
Dec	6,023	NA	1,044	3	NA	63.63
1987:						
Jan	5,021	NA	827	3	NA	63.28
Feb	4,904	NA	934	3	NA	63.25
Mar	6,723	NA	1,560	4	NA	63.66
Apr	8,137	NA	1,349	5	NA	63.50
May	8,464	NA	1,745	5	NA	63.50
Jun	9,370	NA	1,712	6	NA	64.35
Jul	9,642	NA	1,817	5	NA	64.25
Aug	8,926	NA	1,820	5	NA	64.25
Sep	9,316	NA	NA	NA	NA	63.73

NA = Not available.

1/Portland and masonry cement, and cement produced from imported clinker, for the 50 States and Puerto Rico.

2/Includes portland cement shipped by domestic producers and distributors.

3/Includes clinker.

4/Since 1973, annual data include Puerto Rico.

5/Annual: f.o.b. plant, Bureau of Mines annual canvass. Monthly: average of quotations for bulk cement in 20 cities, reported monthly in Engineering News Record.

r/Revised