



MINERAL INDUSTRY SURVEYS

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



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Cement Monthly

CEMENT IN JULY 1988

Portland cement shipments in the United States and Puerto Rico were 8.23 million short tons in July, according to the Bureau of Mines, U.S. Department of the Interior. This was 11% below shipments in July 1987. Cumulative shipments through July 1988, 49.7 million tons, were slightly below cumulative shipments through July 1987.

The leading portland cement producing States (California, Texas, Pennsylvania, Michigan, and Missouri) shipped 38% of the July total. California, Texas, Florida, New York, and Illinois, the leading consuming states, received 36% of total shipments.

Masonry cement shipments of 322,000 tons in July were 15% below shipments in July, 1987. The leading producing States or districts were Pennsylvania, Indiana, Michigan, Kentucky-Virginia-West Virginia, and South Carolina. The leading consuming States (Florida, North Carolina, Virginia, Georgia, and Ohio) received 38% of total shipments. Cumulative shipments through July 1988, 2.1 million tons, were 4% less than cumulative shipments through July 1987.

Tables 5, 6, and 7 contain June import data as reported by the Bureau of the Census which were not available for publication in the June report. June imports of 1.7 million tons were 2% below imports in June 1987. Cumulative imports through June of 8.07 million tons, were slightly below cumulative imports through June 1987.

TABLE 1. - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF JULY 1968

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)		PREPARED MASONRY CEMENT (SHORT TONS)		YEAR TO DATE		YEAR TO DATE	
	JULY	YEAR TO DATE	JULY	YEAR TO DATE	JULY	YEAR TO DATE	JULY	YEAR TO DATE
NEW YORK, N.Y.	320,452	1,920,155	13,182	76,555				
PENNSYLVANIA EASTERN	446,876	2,600,820	25,874	170,251				
PENNSYLVANIA WESTERN	149,156	737,502	8,442	44,380				
MARYLAND	140,050	997,890	8,820	57,814				
CHICAGO	138,100	772,937	13,966	77,142				
MICHIGAN	547,264	2,497,541	26,100	143,487				
INDIANA	217,194	1,246,151	25,411	204,852				
ILLINOIS	205,371	1,065,557	37	27				
GEORGIA, TENNESSEE	195,606	1,330,854	18,000	107,456				
SOUTH CAROLINA	159,200	1,387,547	37	37				
KENTUCKY, VIRGINIA, WEST VIRGINIA	220,049	1,317,734	24,782	151,124				
FLORIDA	276,843	2,073,453	22,243	180,260				
NEBRASKA, WISCONSIN	70,571	340,317	800	4,137				
ALABAMA	301,004	2,105,147	20,550	151,107				
ARKANSAS, LOUISIANA, MISSISSIPPI	110,291	813,432	4,683	32,651				
UTAH	76,065	443,874	05	730				
SOUTH DAKOTA	84,853	305,454	454	2,104				
IDAHO	225,371	1,027,935	5,164	24,954				
MISSOURI	464,269	2,489,749	13,324	93,451				
KANSAS	129,263	773,455	4,311	27,527				
OKLAHOMA	120,550	780,795	3,520	24,371				
TEXAS NORTHERN	340,664	2,200,954	4,527	47,521				
TEXAS SOUTHERN	325,420	2,202,070	4,457	32,254				
IDAHO, MONTANA	106,241	476,115	630	1,600				
COLORADO, WYOMING	129,799	650,401	37	37				
ALASKA, OREGON	60,497	317,453	5,733	40,501				
ARIZONA, NEVADA, NEW MEXICO	181,042	1,246,134	31	31				
CALIFORNIA NORTHERN	240,975	1,727,504	37	37				
CALIFORNIA SOUTHERN	601,345	4,246,342	506	5,704				
HAWAII	31,165	204,470	128	3,112				
WASHINGTON	67,063	420,949						
PUERTO RICO	110,494	821,258						
U.S. TOTAL.....	5,964,938	41,609,485	255,310	1,350,772				
FOREIGN IMPORTS.....	1,369,736	8,107,193	22,700	153,374				
TOTAL SHIPMENTS.....	8,234,674	49,716,678	322,107	2,114,147				

- 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 JULY ,1988 1/,2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS)3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	JULY	YEAR TO DATE	JULY	YEAR TO DATE
ALABAMA	113,011	805,184	9,269	66,723
ALASKA	6,287	37,199	5/	5/
ARIZONA	164,541	1,276,918	5/	5/
ARKANSAS	57,495	387,999	3,100	21,915
CALIFORNIA NORTHERN	342,845	2,176,670	5/	5/
CALIFORNIA SOUTHERN	716,523	4,900,254	5/	5/
COLORADO	100,988	523,534	1,206	7,497
CONNECTICUT 4/	87,512	539,078	2,068	13,272
DELAWARE 4/	25,764	136,671	1,261	8,424
DISTRICT OF COLUMBIA 4/	16,458	112,270	514	669
FLORIDA	560,582	4,073,788	41,691	316,063
GEORGIA	264,011	1,837,590	19,275	137,886
HAWAII	31,165	204,554	806	5,704
IDAHO	45,695	164,084	25	217
ILLINOIS	123,727	638,894	2,556	15,761
CHICAGO METROPOLITAN 4/	237,095	1,167,056	6,315	37,236
INDIANA	168,884	909,433	8,976	54,942
IOWA	143,045	602,362	1,381	6,685
KANSAS	119,038	633,621	1,874	11,995
KENTUCKY	101,963	578,767	7,839	51,016
LOUISIANA	123,843	943,776	2,903	21,314
MAINE	36,276	192,107	1,127	6,673
MARYLAND	145,958	940,629	13,614	90,787
MASSACHUSETTS 4/	127,984	795,054	4,051	26,684
MICHIGAN	300,892	1,393,231	14,384	80,792
MINNESOTA 4/	157,758	737,346	5,130	26,493
MISSISSIPPI	64,872	445,455	3,792	26,670
MISSOURI	215,039	1,194,822	4,156	27,707
MONTANA	25,354	92,091	125	559
NEBRASKA	78,171	374,938	842	5,196
NEVADA	111,419	630,534	9	106
NEW HAMPSHIRE 4/	28,866	170,628	1,162	6,857
NEW JERSEY 4/	155,451	946,495	8,009	46,999
NEW MEXICO	42,224	298,885	650	3,372
NEW YORK EASTERN	62,382	331,910	3,800	23,252
NEW YORK WESTERN	121,244	553,977	5,360	30,001
NEW YORK METROPOLITAN 4/	178,854	1,027,502	4,578	28,693
NORTH CAROLINA 4/	196,726	1,205,798	22,782	157,598
NORTH DAKOTA 4/	32,598	117,261	377	1,988
OHIO	331,709	1,756,080	17,934	107,381
OKLAHOMA	92,253	591,117	2,529	17,724
OREGON	87,509	436,066	25	150
PENNSYLVANIA EASTERN	229,683	1,265,413	9,623	53,135
PENNSYLVANIA WESTERN	125,547	617,049	7,087	42,319
PUERTO RICO	110,494	821,298		
RHODE ISLAND 4/	19,105	112,694	671	3,976
SOUTH CAROLINA	96,479	691,743	11,844	84,139
SOUTH DAKOTA	34,100	124,352	480	2,316
TENNESSEE	141,461	933,991	14,606	102,597
TEXAS NORTHERN	294,858	2,045,887	7,128	51,060
TEXAS SOUTHERN	335,290	2,387,799	5,743	37,350
UTAH	56,868	335,894	95	740
VERMONT 4/	24,335	107,080	675	3,264
VIRGINIA	229,259	1,431,803	20,249	129,816
WASHINGTON	115,255	689,701	531	3,659
WEST VIRGINIA	35,661	209,095	3,439	17,141
WISCONSIN	184,640	813,932	4,791	26,043
WYOMING	38,978	148,212	29	416
U.S. POSS. AND TERR.	5/	5/	5/	5/
FOREIGN COUNTRIES 1/	18,650	95,105	9,221	63,175
TOTAL SHIPMENTS.....	8,234,674	49,716,678	322,107	2,114,147

- 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 (1983-1988) FOR MONTH OF JULY 1/2/ PAGE 1

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH-		1987	-PERCENT CHANGE FROM--	
								QTY.	YR		---CURRENT YEAR TO---	RECORD YEAR
ALABAMA	102	102	120	120	135	116	113	135	87	-16.3	-2.6	-16.3
ALASKA	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	135	135	176	170	207	170	165	207	87	-20.3	-2.9	-20.3
ARKANSAS	67	70	81	85	74	75	57	98	78	-23.0	-24.0	-41.8
CALIFORNIA NORTHERN	278	297	322	355	351	321	343	356	79	-2.3	6.9	-3.7
CALIFORNIA SOUTHERN	375	492	584	671	761	577	717	761	87	-5.8	24.3	-5.8
COLORADO	162	169	155	152	127	153	101	177	73	-20.5	-34.0	-42.9
CONNECTICUT 3/	63	73	93	110	111	90	88	111	87	-20.7	-2.2	-20.7
DELAWARE 3/	14	16	20	23	24	19	26	26	66	8.3	36.8	0.0
DISTRICT OF COLUMBIA 3/	12	10	10	13	13	12	16	25	74	23.1	33.3	-36.0
FLORIDA	404	478	474	583	579	504	561	583	86	-3.1	11.3	-3.8
GEORGIA	222	221	246	286	324	260	264	324	87	-18.5	1.5	-18.5
HAWAII	15	15	21	26	30	21	31	41	75	3.3	47.6	-24.4
IDaho	28	31	28	30	27	29	46	68	79	70.4	58.6	-32.4
ILLINOIS	244	308	335	368	382	328	361	480	73	-5.5	10.1	-24.8
INDIANA	129	144	173	176	176	160	169	223	74	-4.0	5.6	-24.2
IOWA	162	153	144	138	133	145	143	257	75	7.5	-2.1	-44.4
KANSAS	109	148	154	106	146	133	119	154	85	-18.5	-10.5	-22.7
KENTUCKY	83	108	126	106	132	111	102	160	68	-22.7	-8.1	-36.3
LOUISIANA	230	238	233	185	171	211	124	244	78	-27.5	-41.2	-49.2
MAINE	25	32	34	38	45	35	36	45	87	-20.0	2.9	-20.0
MARYLAND	123	124	147	165	165	145	146	146	87	-12.0	0.7	-12.0
MASSACHUSETTS 3/	107	125	142	165	182	144	128	182	87	-29.7	-11.1	-29.7
MICHIGAN	164	232	279	307	322	261	301	385	74	-6.5	15.3	-21.8
MINNESOTA 3/	143	148	164	199	179	167	158	222	73	-11.7	-5.4	-28.6
MISSISSIPPI	70	75	71	84	77	75	65	94	73	-15.6	-13.3	-30.9
MISSOURI	163	195	226	202	225	202	215	258	70	-4.4	6.4	-16.7
MONTANA	34	33	24	43	21	31	25	54	69	19.0	-19.4	-53.7
NEBRASKA	94	101	121	108	100	105	78	157	73	-22.0	-25.7	-50.3
NEVADA	45	43	81	64	74	61	111	111	88	50.0	82.0	0.0
NEW HAMPSHIRE 3/	30	34	40	41	47	38	29	47	87	-38.3	-23.7	-38.3
NEW JERSEY 3/	127	156	173	193	192	168	165	226	73	-19.3	-7.7	-31.4
NEW MEXICO	55	55	52	48	50	52	42	61	81	-16.0	-19.2	-31.1
NEW YORK EASTERN	42	57	74	83	87	69	62	114	79	-28.7	-10.1	-45.6
NEW YORK WESTERN	88	94	101	115	120	104	121	159	73	0.8	16.3	-23.9
NEW YORK METROPOLITAN 3/	127	114	157	191	188	155	179	193	73	-4.8	15.5	-7.3
NORTH CAROLINA	140	143	149	188	205	165	197	205	87	-3.9	19.4	-3.9
NORTH DAKOTA 3/	34	49	42	47	33	33	33	65	76	0.0	-19.5	-49.2
OHIO	243	300	307	327	367	309	332	444	69	-5.5	7.4	-25.2
OKLAHOMA	177	168	138	105	106	139	92	181	82	-13.2	-33.8	-49.2

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1983-1988) FOR MONTH OF JULY 1/ 2/ PAGE 2
IN THOUSAND SHORT TONS

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH-		1987	-PERCENT CHANGE FROM--	
								QTY.	YR		---CURRENT YEAR TO---	RECORD YEAR
OREGON	49	72	83	66	75	69	88	94	79	17.3	27.5	-6.4
PENNSYLVANIA EASTERN	159	166	193	203	220	188	230	280	70	4.5	22.3	-17.9
PENNSYLVANIA WESTERN	113	158	132	136	163	140	126	186	69	-22.7	-10.0	-32.3
RHODE ISLAND 3/	17	14	14	20	28	19	19	28	87	-32.1	0.0	-32.1
SOUTH CAROLINA	76	81	80	99	112	90	96	112	87	-14.3	6.7	-14.3
SOUTH DAKOTA	30	27	39	58	30	37	34	61	75	13.3	-8.1	-44.3
TENNESSEE	121	137	152	171	194	155	141	194	87	-27.3	-9.0	-27.3
TEXAS	857	948	1016	872	768	892	630	1016	85	-18.0	-29.4	-36.0
UTAH	73	104	131	123	87	104	57	131	85	-34.5	-45.2	-56.5
VERMONT 3/	16	18	22	21	26	21	24	25	87	-7.7	14.3	-7.7
VIRGINIA	155	177	204	227	262	205	229	262	87	-12.6	11.7	-12.6
WASHINGTON	110	111	132	111	142	121	115	168	79	-15.0	-5.0	-31.5
WEST VIRGINIA	44	40	52	53	64	51	36	63	73	-43.8	-28.4	-41.3
WISCONSIN	160	183	165	189	213	182	185	261	67	-13.1	1.6	-29.3
WYOMING	55	56	52	52	54	54	39	62	80	-27.8	-27.8	-37.1
PUERTO RICO	71	85	84	106	121	93	110	164	74	-5.1	16.3	-32.2
FOREIGN COUNTRIES	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
UNDISTRIBUTED 5/	39	46	42	36	30	39	25	39	75	-16.7	-35.9	-35.9
TOTAL	7010	7913	8614	8983	9278	8360	9235	8968	73	-11.2	-1.5	-8.2

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 (1983-1988) FOR MONTH OF JULY 1/ PAGE 5
IN THOUSAND SHORT TONS

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH- QTY.	YR	1987	5-YEAR AVG	RECORD YEAR	PERCENT CHANGE FROM ---CURRENT YEAR TO---
ALABAMA	8	8	9	10	13	10	9	13	87	-30.8	-10.0	-30.8	
ALASKA	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	
ARIZONA	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	
ARKANSAS	4	4	5	5	4	4	4	4	78	-25.0	-25.0	-57.1	
CALIFORNIA NORTHERN	1	1	4/	4/	1	1	1	1	80	0.0	0.0	0.0	
CALIFORNIA SOUTHERN	3	3	2	2	2	2	1	6	73	-50.0	-50.0	-83.3	
COLORADO	1	1	2	2	3	2	2	4	70	-33.3	0.0	-50.0	
CONNECTICUT 2/	1	1	1	1	1	1	1	1	87	0.0	0.0	0.0	
DELAWARE 2/	4/	4/	4/	4/	4/	4/	1	3	71	0.0	0.0	-66.7	
DISTRICT OF COLUMBIA 2/	35	39	40	43	45	40	42	45	87	-6.7	5.0	-6.7	
FLORIDA	18	17	20	22	24	20	19	24	87	-20.8	-5.0	-20.8	
GEORGIA	4/	4/	4/	4/	4/	4/	4/	4/	80	0.0	0.0	0.0	
HAWAII	7	8	8	9	10	8	9	16	78	-10.0	12.5	-43.8	
IDAHO	7	8	8	10	10	9	9	13	78	-10.0	0.0	-30.8	
ILLINOIS	1	2	1	1	1	1	1	4	78	0.0	0.0	-75.0	
INDIANA	2	2	2	2	2	2	2	3	78	0.0	0.0	-33.3	
IOWA	8	9	9	9	9	9	8	15	78	-11.1	-11.1	-46.7	
KANSAS	7	7	6	4	4	5	3	9	78	-25.0	-50.0	-66.7	
KENTUCKY	1	1	1	1	1	1	1	1	74	0.0	0.0	0.0	
LOUISIANA	11	13	15	16	17	14	14	17	87	-17.6	0.0	-17.6	
MAINE	3	4	5	5	6	5	4	6	87	-33.3	-20.0	-33.3	
MARYLAND	8	9	12	14	16	12	14	20	69	-12.5	16.7	-30.0	
MASSACHUSETTS 2/	4	5	5	5	6	5	5	7	78	-16.7	0.0	-28.6	
MICHIGAN	4	6	5	6	5	5	4	5	73	-20.0	-20.0	-42.9	
MINNESOTA 2/	4	5	4	4	5	4	4	5	79	-20.0	0.0	-33.3	
MISSISSIPPI	4/	4/	4/	4/	4/	4/	4/	1	78	0.0	0.0	-100.0	
MISSOURI	1	1	1	1	1	1	1	2	78	0.0	0.0	-50.0	
MONTANA	1	2	2	2	4/	1	4/	4/	78	0.0	0.0	0.0	
NEBRASKA	1	2	2	2	9	2	1	2	84	-50.0	-50.0	-50.0	
NEVADA	4	7	8	8	9	7	8	9	86	-11.1	14.3	-11.1	
NEW HAMPSHIRE 2/	1	1	1	1	1	1	1	1	77	0.0	0.0	-50.0	
NEW JERSEY 2/	1	1	1	1	1	1	1	5	77	-20.0	0.0	-50.0	
NEW MEXICO	2	4	4	5	5	4	4	5	73	-16.7	0.0	-37.5	
NEW YORK EASTERN	4	5	5	6	6	5	5	6	73	-16.7	0.0	-16.7	
NEW YORK WESTERN	4	4	5	6	6	5	5	6	73	-8.0	4.5	-14.8	
NEW YORK METROPOLITAN 2/	19	20	20	25	25	22	23	27	73	-100.0	-100.0	-100.0	
NORTH CAROLINA	1	1	1	1	4/	1	4/	1	76	0.0	-100.0	-100.0	
NORTH DAKOTA 2/	12	14	16	18	19	16	18	28	69	-5.3	12.5	-35.7	
OHIO	6	6	4	3	3	4	3	8	78	0.0	-25.0	-62.5	
OKLAHOMA													

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1983-1988) FOR MONTH OF JULY 1/ PAGE 6

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH- QTY.	YR	1987	5-YEAR AVG	PERCENT CHANGE FROM-- ---CURRENT YEAR TO---
OREGON	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
PENNSYLVANIA EASTERN	6	6	6	8	10	7	10	10	87	0.0	42.9	0.0
PENNSYLVANIA WESTERN	6	6	8	9	8	7	7	13	78	-12.5	0.0	-46.2
RHODE ISLAND 2/	4/	4/	4/	1	1	4/	1	1	73	0.0	0.0	0.0
SOUTH CAROLINA	10	10	10	13	14	11	12	15	73	-14.3	0.0	-20.0
SOUTH DAKOTA	4/	4/	4/	4/	1	4/	4/	1	74	-100.0	0.0	-100.0
TENNESSEE	12	15	14	18	20	16	15	20	87	-25.0	-5.3	-25.0
TEXAS	24	26	25	17	16	22	13	26	84	-16.6	-40.9	-50.0
UTAH	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
VERMONT 2/	4/	4/	4/	4/	1	4/	1	1	75	0.0	0.0	0.0
VIRGINIA	15	15	17	21	23	18	20	25	73	-13.0	11.1	-20.0
WASHINGTON	1	1	1	1	1	1	1	1	78	0.0	0.0	0.0
WEST VIRGINIA	3	3	4	3	3	3	3	7	78	0.0	0.0	-57.1
WISCONSIN	4	5	5	5	5	5	5	5	77	0.0	0.0	-37.5
WYOMING	4/	4/	4/	4/	4/	4/	4/	4/	75	0.0	0.0	0.0
PUERTO RICO									00	0.0	0.0	0.0
FOREIGN COUNTRIES	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
UNDISTRIBUTED 5/	7	8	10	9	11	9	9	9	88	-18.2	0.0	0.0
TOTAL	281	313	331	355	377	331	324	400	73	-14.1	-2.1	-19.0

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
JUNE 1988 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	---GREECE---	---HONDURAS---	---ITALY---	---JAPAN---	KOREA, REPUBLIC OF- WINDWARD---	---MEXICO---	---MOROCCO---
ANCHORAGE, ALASKA-----			15,708				
BALTIMORE, MD.-----	23,139						
BOSTON, MASS.-----	43,181						
BUFFALO, N.Y.-----							
CHARLESTON, S.C.-----							
CHICAGO, ILL.-----							
CLEVELAND, OHIO-----							
DETROIT, MICH.-----							
DULUTH, MINN.-----							
EL PASO, TEX.-----						34,566	
GREAT FALLS, MONT.-----				28,516			
HONOLULU, HAWAII-----							
HOUSTON, TEX.-----							
LAREDO, TEX.-----							
LOS ANGELES, CALIF.-----				40,774	40,405	23,261	
MIAMI, FLA.-----	35,233						
MOBILE, ALA.-----						46,824	
NEW ORLEANS, LA.-----						45,223	
NEW YORK CITY, N.Y.-----	47,342					42,943	
NOGALES, ARIZ.-----						45,204	
NORFOLK, VA.-----	12,724					46,728	
OGDENSBURG, N.Y.-----							
PENBINA, N. DAK.-----							
PHILADELPHIA, PA.-----							
PORTLAND, MAINE-----							
PORTLAND, OREG.-----				18,800			
PROVIDENCE, R.I.-----	3,197						
SAN DIEGO, CALIF.-----							
SAN FRANCISCO, CALIF.-----				21,825		52,871	
SAN JUAN, P.R.-----		5,734				19,178	
SAVANNAH, GA.-----							
SEATTLE, WASH.-----							
ST. ALBANS, VT.-----				22,488			
TAMPA, FLA.-----							
VIRGIN ISLANDS OF U.S.-----							
WILMINGTON, N.C.-----							
JUNE:							
QUANTITY 4/-----	168,816	5,734		148,212	40,405	428,529	
VALUE 5/-----	\$5,921,462	\$226,267		\$5,169,006	\$1,103,455	\$13,554,425	
YEAR-TO-DATE:							
QUANTITY 4/-----	1,124,933	15,435	7	903,853	290,573	2,367,238	88
VALUE 5/-----	\$37,824,611	\$427,725	\$2,557	\$29,980,873	\$8,247,030	\$71,873,831	\$4,406

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
JUNE 1955 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	UNITED STATES		YUGOSLAVIA		T O T A L	
	NETHERLANDS	PANAMA	SPAIN	KINGDOM	JUNE	TO DATE
ANCHORAGE, ALASKA					17,208	19,208
BALTIMORE, MD.					39,406	126,481
BOSTON, MASS.					55,181	150,008
BUFFALO, N.Y.					121,512	464,455
CHARLESTON, S.C.					43,949	86,423
CHICAGO, ILL.					25,202	70,545
CLEVELAND, OHIO					87,495	256,660
DETROIT, MICH.					39,387	61,011
DULUTH, MINN.					34,586	235,263
EL PASO, TEX.					19	81
GREAT FALLS, MONT.					28,616	96,694
HONOLULU, HAWAII					177,712	177,712
HOUSTON, TEX.					23,261	126,326
LAREDO, TEX.					81,179	840,047
LOS ANGELES, CALIF.					173,292	692,842
MIAMI, FLA.					45,223	260,622
MOBILE, ALA.					102,746	618,611
NEW ORLEANS, LA.					106,217	566,152
NEW YORK CITY, N.Y.					46,728	200,393
NOGALES, ARIZ.					51,284	236,048
NORFOLK, VA.					25,147	118,230
OGDENSBURG, N.Y.					26,323	66,149
PENNINGTON, N. DAK.					25,519	106,516
PHILADELPHIA, PA.					1,244	8,497
PORTLAND, MAINE					18,800	78,793
PORTLAND, OREG.					9,612	112,721
PROVIDENCE, R.I.					52,871	325,936
SAN DIEGO, CALIF.					41,004	156,177
SAN FRANCISCO, CALIF.					8,574	48,400
SAN JUAN, P.R.					11,988	43,686
SAVANNAH, GA.					76,024	382,731
SEATTLE, WASH.					54,981	221,401
ST. ALBANS, VT.					168,792	1,032,100
TAMPA, FLA.					29,055	46,518
VIRGIN ISLANDS OF U.S.						38,210
WILMINGTON, N.C.						

JUNE:

QUANTITY 4/-----
VALUE 5/-----

YEAR-TO-DATE:

QUANTITY 4/-----
VALUE 5/-----

248,040	120	135,752	19	1,672,838
\$8,988,026	\$29,380	\$3,931,220	\$2,713	\$60,196,335
93	5,120	365,216	279	8,071,708
\$92,062	\$239,380	\$12,333,900	\$102,258	\$283,356,073

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
JUNE 1988 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
JUNE 1943 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	---VENEZUELA---	-----T O T A L 3/-----	---TO DATE---
BUFFALO, N.Y.	W	W	W
DETROIT, MICH.	W	W	W
EL PASO, TEX.	1,948	4,310	4,310
HOUSTON, TEX.		14,131	14,131
LAREDO, TEX.	3,370	8,978	8,978
LOS ANGELES, CALIF.	W	7,713	7,713
MIAMI, FLA.		W	W
NEW YORK CITY, N.Y.	2,174	10,266	10,266
NORFOLK, VA.		15,624	15,624
OGDENSBURG, N.Y.		51	51
PHILADELPHIA, PA.	W	W	W
SAN DIEGO, CALIF.	1,621	7,145	7,145
SAN JUAN, P.R.	2,840	11,391	11,391
SAVANNAH, GA.	3,342	13,869	13,869
TAMPA, FLA.	5,138	25,428	25,428
VIRGIN ISLANDS OF U.S.		3,710	3,710

JUNE:
QUANTITY 3/----- 35,988
VALUE 4/----- \$3,832,822

YEAR-TO-DATE:
QUANTITY 3/----- 14,271
VALUE 4/----- \$539,705

190,030
\$17,326,281

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.

TABLE 7. - CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES
JUNE 1988 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	---CANADA---	---COLOMBIA---	---FRANCE---	---GREECE---	---JAPAN---	---MEXICO---	---PANAMA---	---SPAIN---
CHARLESTON, S.C.-----								43,949
DETROIT, MICH.-----	56,547				28,616			
HONOLULU, HAWAII-----						1,059		
LAREDO, TEX.-----						45,223		
MOBILE, ALA.-----								
NEW ORLEANS, LA.-----	13,039		7,792					
NORFOLK, VA.-----								
OGDENSBURG, N.Y.-----								
PORTLAND, MAINE-----								
SAN JUAN, P.R.-----	558							
SEATTLE, WASH.-----								
TAMPA, FLA.-----								37,221
JUNE:								
QUANTITY 3/-----	70,144		7,792		28,616	46,282		41,170
VALUE 4/-----	\$2,394,972		\$874,921		\$908,600	\$983,762		\$12,235,606
YEAR-TO-DATE:								
QUANTITY 3/-----	146,095	17,097	136,898	52,641	84,569	252,795	567	140,727
VALUE 4/-----	\$4,806,819	\$535,095	\$5,176,573	\$1,101,015	\$2,544,500	\$5,676,474	\$31,198	\$5,364,258

TABLE 7. - CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES
JUNE 1988 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	UNITED ---KINGDOM---	-----T O T A L 3/----- -----JUNE-----	---TO DATE---
CHARLESTON, S.C.-----		43,949	86,423
DETROIT, MICH.-----		56,547	121,782
HONOLULU, HAWAII-----		28,616	84,569
LAREDO, TEX.-----		1,059	17,084
MOBILE, ALA.-----		45,223	260,622
NEW ORLEANS, LA.-----		13,039	64,706
NORFOLK, VA.-----	120	7,912	11,462
OGDENSBURG, N.Y.-----			373
PORTLAND, MAINE-----			2,387
SAN JUAN, P.R.-----		558	17,097
SEATTLE, WASH.-----		37,221	10,901
TAMPA, FLA.-----			154,103

JUNE:

QUANTITY 3/-----	120	234,124
VALUE 4/-----	\$29,380	\$7,427,241

YEAR-TO-DATE:

QUANTITY 3/-----	120	831,509
VALUE 4/-----	\$29,380	\$25,268,312

U 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 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	50.73
1987	90,427	79,501	17,726	52	6,193	49.76
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	1,718	7	NA	63.73
Oct	9,777	NA	1,633	5	NA	63.73
Nov	7,493	NA	1,380	3	NA	63.73
Dec	6,052	NA	1,260	2	NA	63.73
1988:						
Jan	4,110	NA	1,111	1	NA	64.08
Feb	5,165	NA	817	7	NA	64.07
Mar	7,180	NA	1,239	8	NA	64.44
Apr	7,826	NA	1,585	9	NA	65.01
May	8,873	NA	1,648	10	NA	65.02
Jun	9,799	NA	1,673	9	NA	66.39
Jul	8,557	NA	NA	NA	NA	65.45

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.