



MINERAL INDUSTRY SURVEYS

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
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Cement Monthly

CEMENT IN MARCH 1988

Portland cement shipments in the United States and Puerto Rico were 6.84 million short tons in March, according to the Bureau of Mines, U.S. Department of the Interior. This was 7% above shipments in March 1987. Cumulative shipments through March 1988, 15.7 million tons, were slightly below cumulative shipments through March 1987.

The leading portland cement producing States (California, Texas, Pennsylvania, Alabama, and Florida) shipped 40% of the March total. California, Texas, Florida, Georgia, and Pennsylvania, the leading consuming states, received 43% of total shipments.

Masonry cement shipments of 336,000 tons in March were 7% above shipments in March, 1987. The leading producing States were Indiana, Pennsylvania, South Carolina, Florida, and Alabama. The leading consuming States (Florida, North Carolina, Georgia, Virginia, and Tennessee) received 41% of total shipments. Cumulative shipments through March 1988, 720,000 tons, were 4% less than cumulative shipments through March 1987.

Tables 5, 6, and 7 contain February import data as reported by the Bureau of the Census which were not available for publication in the February report. February imports of 817,000 tons were 13% below imports in February 1987. Cumulative imports through February of 1.93 million tons, were 10% above cumulative imports through February 1987.

TABLE 1. - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF MARCH, 1988 1/

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	MARCH	YEAR TO DATE	MARCH	YEAR TO DATE
NEW YORK, MAINE	245,833	517,125	11,102	20,882
PENNSYLVANIA EASTERN	376,879	735,754	27,347	52,908
PENNSYLVANIA WESTERN	84,501	167,646	7,170	13,211
MARYLAND	175,551	339,459	10,560	20,556
OHIO	101,620	182,720	12,298	25,488
MICHIGAN	199,751	430,176	19,286	34,086
INDIANA	154,599	307,878	42,406	78,966
ILLINOIS	133,698	254,849	3/	3/
GEORGIA, TENNESSEE	218,520	467,492	18,615	43,442
SOUTH CAROLINA	247,435	521,983	3/	3/
KENTUCKY, VIRGINIA, WEST VIRGINIA	177,718	384,593	24,205	56,929
FLORIDA	332,390	863,457	25,671	80,829
NEBRASKA, WISCONSIN	32,650	53,513	692	1,149
ALABAMA	355,419	754,791	25,557	54,901
ARKANSAS, LOUISIANA, MISSISSIPPI	125,081	279,202	5,011	11,535
UTAH	56,782	120,207	111	247
SOUTH DAKOTA	20,289	38,031	264	436
IOWA	79,500	159,523	4,034	6,930
MISSOURI	279,138	549,330	15,332	32,047
KANSAS	116,972	216,324	4,251	8,872
OKLAHOMA	102,061	249,033	3,677	7,985
TEXAS NORTHERN	309,646	819,341	8,529	18,726
TEXAS SOUTHERN	353,795	834,011	5,474	13,929
IDAHO, MONTANA	52,837	104,608	219	509
COLORADO, WYOMING	55,323	134,338	3/	3/
ALASKA, OREGON	43,327	103,013	7,047	15,532
ARIZONA, NEVADA, NEW MEXICO	181,331	449,986		
CALIFORNIA NORTHERN	263,787	679,135	3/	3/
CALIFORNIA SOUTHERN	661,422	1,741,138	942	2,498
HAWAII	32,631	82,544	583	1,416
WASHINGTON	50,616	139,723		
PUERTO RICO	129,138	333,798		
U.S. TOTAL.....	5,760,240	13,014,721	308,956	666,915
FOREIGN IMPORTS.....4/	1,083,514	2,695,482	26,983	52,734
TOTAL SHIPMENTS.....	6,843,754	15,710,203	335,939	719,649

- 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 MARCH ,1988 1/,2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS)3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	MARCH	YEAR TO DATE	MARCH	YEAR TO DATE
ALABAMA	130,006	302,374	11,215	23,530
ALASKA	3,073	6,639	5/	5/
ARIZONA	198,494	522,409	5/	5/
ARKANSAS	56,324	122,665	3,588	7,343
CALIFORNIA NORTHERN	324,510	840,010	5/	5/
CALIFORNIA SOUTHERN	719,198	1,937,986	5/	5/
COLORADO	63,758	134,228	1,226	2,569
CONNECTICUT 4/	79,590	154,263	2,238	4,289
DELAWARE 4/	19,597	34,212	1,386	2,804
DISTRICT OF COLUMBIA 4/	16,957	40,476	30	54
FLORIDA	638,387	1,679,056	50,153	130,868
GEORGIA	330,512	709,494	20,960	50,748
HAWAII	32,652	82,586	942	2,498
IDAHO	15,011	29,243	21	78
ILLINOIS	72,344	130,611	2,432	4,519
CHICAGO METROPOLITAN 4/	114,638	229,187	6,804	11,048
INDIANA	109,022	200,871	8,876	16,876
IOWA	35,914	61,733	973	1,584
KANSAS	93,158	149,531	2,373	4,561
KENTUCKY	103,818	175,496	8,000	15,882
LOUISIANA	113,679	302,890	3,195	7,419
MAINE	22,242	48,161	1,138	2,240
MARYLAND	167,374	303,405	14,304	29,190
MASSACHUSETTS 4/	104,324	228,152	4,482	8,693
MICHIGAN	109,662	234,340	10,607	21,200
MINNESOTA 4/	61,277	128,207	3,781	6,646
MISSISSIPPI	60,635	136,245	4,516	9,403
MISSOURI	144,317	263,582	4,326	8,255
MONTANA	8,067	12,553	78	144
NEBRASKA	35,056	56,013	823	1,437
NEVADA	72,223	182,542	27	45
NEW HAMPSHIRE 4/	22,234	47,802	1,040	2,237
NEW JERSEY 4/	141,894	275,297	8,054	14,692
NEW MEXICO	47,223	115,050	530	1,062
NEW YORK EASTERN	35,212	72,511	3,540	6,541
NEW YORK WESTERN	48,423	105,208	4,418	8,188
NEW YORK METROPOLITAN 4/	143,115	296,638	4,000	7,861
NORTH CAROLINA 4/	200,549	408,292	30,195	58,972
NORTH DAKOTA 4/	4,691	10,448	179	315
OHIO	190,787	372,432	15,734	29,614
OKLAHOMA	81,827	191,924	2,544	5,504
OREGON	51,091	135,360	22	49
PENNSYLVANIA EASTERN	181,200	348,732	8,446	16,143
PENNSYLVANIA WESTERN	67,273	144,235	5,337	10,537
PUERTO RICO	129,138	333,798		
RHODE ISLAND 4/	16,373	30,192	623	1,261
SOUTH CAROLINA	113,801	245,252	14,098	31,692
SOUTH DAKOTA	5,834	11,356	301	547
TENNESSEE	143,563	294,524	17,129	34,778
TEXAS NORTHERN	332,326	813,254	8,443	20,309
TEXAS SOUTHERN	369,362	961,054	6,405	15,374
UTAH	42,435	81,467	111	282
VERMONT 4/	8,014	16,844	470	933
VIRGINIA	231,394	505,746	20,545	45,618
WASHINGTON	88,432	240,410	621	1,466
WEST VIRGINIA	22,768	45,995	2,290	3,995
WISCONSIN	62,903	125,408	3,417	6,511
WYOMING	6,090	17,510	23	70
FOREIGN COUNTRIES 6/	11,982	24,204	9,430	21,175
TOTAL SHIPMENTS.....	6,943,754	15,710,203	335,939	719,649

- 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 MARCH 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	92	108	111	123	112	109	130	140	78	16.1	19.3	-7.1
ALASKA	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	134	178	191	197	198	180	198	198	87	0.0	10.0	0.0
ARKANSAS	54	51	63	69	70	61	56	81	77	-20.0	-9.2	-30.9
CALIFORNIA NORTHERN	106	249	215	229	252	210	325	325	88	29.0	54.8	0.0
CALIFORNIA SOUTHERN	288	480	526	512	706	502	718	718	88	1.7	43.0	0.0
COLORADO	75	117	119	115	64	98	64	132	82	0.0	-34.7	-51.5
CONNECTICUT 3/	38	32	57	57	66	50	80	80	88	21.2	60.0	0.0
DELAWARE 3/	10	9	16	18	20	15	20	20	87	0.0	33.3	0.0
DISTRICT OF COLUMBIA 3/	10	7	11	12	12	10	17	30	66	41.7	70.0	-43.3
FLORIDA	405	541	534	525	581	517	638	638	88	9.8	23.4	0.0
GEORGIA	177	233	273	271	254	242	331	331	88	30.3	36.8	0.0
HAWAII	24	21	15	19	27	21	33	46	75	22.2	57.1	-28.3
IDAHO	18	16	12	19	17	16	15	43	70	-11.8	-6.3	-65.1
ILLINOIS	112	100	122	149	210	139	187	252	73	-11.0	34.5	-25.8
INDIANA	66	50	76	86	111	78	108	116	66	-2.7	38.5	-5.9
IOWA	25	23	30	25	35	28	36	71	77	2.9	28.6	-49.3
KANSAS	69	60	89	99	69	77	83	113	77	20.3	7.8	-26.5
KENTUCKY	59	43	67	69	89	65	104	104	88	16.9	60.0	0.0
LOUISIANA	215	242	218	180	140	199	114	277	79	-18.6	-42.7	-58.8
MAINE	8	10	9	14	15	11	22	22	88	46.7	100.0	0.0
MARYLAND	86	84	115	115	135	107	167	167	88	23.7	56.1	0.0
MASSACHUSETTS 3/	61	56	85	97	102	80	104	113	73	2.0	30.0	-8.0
MICHIGAN	46	53	84	88	111	76	110	163	66	-0.9	44.7	-32.5
MINNESOTA 3/	32	39	49	51	65	47	61	76	78	-6.2	29.8	-19.7
MISSISSIPPI	57	60	62	67	59	61	61	93	79	3.4	0.0	-34.4
MISSOURI	95	71	130	150	143	118	144	150	86	0.7	22.0	-4.0
MONTANA	13	13	8	10	5	10	8	19	81	60.0	-20.0	-57.9
NEBRASKA	21	18	36	35	26	27	35	61	74	34.6	29.6	-42.6
NEVADA	34	47	44	55	58	48	72	72	88	24.1	50.0	0.0
NEW HAMPSHIRE 3/	12	13	18	19	19	16	22	22	88	15.8	37.5	0.0
NEW JERSEY 3/	86	89	137	126	147	117	142	187	73	-3.4	21.4	-24.1
NEW MEXICO	46	51	51	49	47	49	47	57	78	0.0	-4.1	-17.5
NEW YORK EASTERN	15	13	28	34	33	25	35	57	73	6.1	40.0	-38.6
NEW YORK WESTERN	33	19	32	35	45	33	48	62	73	6.7	45.5	-22.6
NEW YORK METROPOLITAN 3/	84	85	105	109	140	105	143	179	73	2.1	36.2	-20.1
NORTH CAROLINA	99	120	169	159	172	144	201	201	88	16.9	39.6	0.0
NORTH DAKOTA 3/	6	14	5	6	4	7	5	17	78	25.0	-28.6	-70.6
OHIO	126	85	147	137	201	139	191	224	66	-5.0	37.4	-14.7
OKLAHOMA	154	136	111	106	81	118	82	196	82	1.2	-30.5	-58.2

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1983-1988) FOR MONTH OF MARCH 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	32	42	45	44	42	41	51	88	79	21.4	24.4	-42.0
PENNSYLVANIA EASTERN	90	83	125	118	150	113	181	181	88	20.7	60.2	0.0
PENNSYLVANIA WESTERN	37	50	71	61	72	58	67	81	73	-6.9	13.5	-17.3
RHODE ISLAND 3/	8	8	11	11	14	10	16	16	88	14.3	60.0	0.0
SOUTH CAROLINA	68	83	93	87	83	83	114	114	88	37.3	37.3	0.0
SOUTH DAKOTA	5	5	6	5	6	5	6	13	81	0.0	20.0	-53.8
TENNESSEE	95	91	123	138	150	119	144	150	87	-4.0	21.0	-4.0
TEXAS	908	1021	899	908	755	898	702	1021	84	-7.0	-21.8	-31.2
UTAH	46	57	44	62	43	50	42	78	78	-2.3	-16.0	-46.2
VERMONT 3/	4	3	5	5	7	5	8	8	88	14.3	60.0	0.0
VIRGINIA	125	124	179	186	205	164	231	231	88	12.7	40.9	0.0
WASHINGTON	80	90	93	106	102	94	88	165	79	-13.7	-6.4	-46.7
WEST VIRGINIA	25	18	22	21	25	22	23	47	76	-8.0	4.5	-51.1
WISCONSIN	27	43	41	40	59	42	63	80	73	6.8	50.0	-21.3
WYOMING	18	14	18	14	6	14	6	29	81	0.0	-57.1	-79.3
PUERTO RICO	86	97	82	87	116	94	129	179	73	11.2	37.2	-27.9
FOREIGN COUNTRIES	47	47	47	47	47	47	47	47	47	47	47	47
UNDISTRIBUTED 5/	28	19	15	14	16	18	15	46	76	-6.3	-16.7	-67.4
TOTAL	4773	5484	6042	6143	6492	5787	6843	6843	88	5.4	18.2	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 (1983-1988) FOR MONTH OF MARCH 1/ PAGE 5
IN THOUSAND SHORT TONS

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH-		1987	5-YEAR AVG	RECORD YEAR
								QTY.	YR			
ALABAMA	7	8	9	10	11	9	11	14	78	0.0	22.2	-21.4
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	3	4	5	4	4	4	7	77	0.0	0.0	-42.9
CALIFORNIA NORTHERN	4/	4/	4/	4/	4/	4/	4/	1	87	-100.0	0.0	-100.0
CALIFORNIA SOUTHERN	4/	4/	4/	4/	4/	4/	4/	1	87	0.0	0.0	0.0
COLORADO	2	2	2	2	1	2	1	4	73	0.0	-50.0	-75.0
CONNECTICUT 2/	1	1	1	1	2	1	2	2	70	0.0	100.0	0.0
DELAWARE 2/	1	1	1	1	1	1	1	1	87	0.0	0.0	0.0
DISTRICT OF COLUMBIA 2/	4/	4/	4/	4/	4/	4/	4/	4	68	0.0	0.0	-100.0
FLORIDA	31	51	42	40	46	42	50	51	84	8.7	19.0	-2.0
GEORGIA	17	19	21	22	20	20	21	22	86	5.0	5.0	-4.5
HAWAII	1	4/	4/	1	1	1	1	1	79	0.0	0.0	0.0
IDAHO	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
ILLINOIS	4	4	6	6	8	6	9	12	73	12.5	50.0	-25.0
INDIANA	5	3	7	7	9	6	9	12	76	0.0	50.0	-25.0
IOWA	1	1	1	1	1	1	1	3	74	0.0	0.0	-66.7
KANSAS	2	1	2	2	2	2	2	3	77	0.0	0.0	-33.3
KENTUCKY	6	4	7	7	7	6	8	14	77	14.3	33.3	-42.9
LOUISIANA	6	8	6	5	3	6	8	11	78	0.0	-50.0	-72.7
MAINE	4/	1	1	1	1	1	1	1	74	0.0	0.0	0.0
MARYLAND	8	7	14	13	14	11	14	14	87	0.0	27.1	0.0
MASSACHUSETTS 2/	2	2	3	4	5	3	4	6	73	-20.0	33.3	-33.3
MICHIGAN	3	5	6	8	11	7	11	16	68	0.0	57.1	-31.3
MINNESOTA 2/	2	2	2	2	3	2	4	4	78	33.3	100.0	0.0
MISSISSIPPI	4	5	6	5	4	5	5	9	78	25.0	0.0	-44.4
MISSOURI	3	2	4	4	4	3	4	8	81	0.0	33.3	-50.0
MONTANA	4/	4/	4/	4/	4/	4/	4/	4/	73	0.0	0.0	0.0
NEBRASKA	1	1	1	1	1	1	1	2	77	0.0	0.0	-50.0
NEVADA	4/	1	1	1	1	1	4/	1	71	0.0	0.0	-100.0
NEW HAMPSHIRE 2/	4/	1	1	1	1	1	1	2	74	0.0	0.0	-50.0
NEW JERSEY 2/	5	4	7	6	8	6	8	8	73	0.0	33.3	0.0
NEW MEXICO	1	1	1	1	1	1	1	2	73	0.0	0.0	-50.0
NEW YORK EASTERN	2	1	3	2	3	2	4	4	73	33.3	100.0	0.0
NEW YORK WESTERN	3	1	2	3	5	3	4	5	75	-20.0	33.3	-20.0
NEW YORK METROPOLITAN 2/	4	3	4	3	4	4	4	6	73	0.0	0.0	-33.3
NORTH CAROLINA	14	17	23	26	25	21	30	30	88	20.0	42.9	0.0
NORTH DAKOTA 2/	4/	4/	4/	4/	4/	4/	4/	1	79	0.0	0.0	-100.0
OHIO	7	6	10	12	16	10	16	25	76	0.0	60.0	-36.0
OKLAHOMA	6	5	4	4	3	4	3	7	77	0.0	-25.0	-57.1

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1983-1988) FOR MONTH OF MARCH 1/ PAGE 6
IN THOUSAND SHORT TONS

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH-		1987	5-YEAR AVG	RECORD YEAR
								QTY.	YR			
OREGON	4/	4/	4/	4/	4/	4/	4/	4/	79	0.0	0.0	0.0
PENNSYLVANIA EASTERN	5	3	5	5	7	5	8	8	88	14.3	60.0	0.0
PENNSYLVANIA WESTERN	4	3	6	6	7	5	5	11	76	-28.6	0.0	-54.5
RHODE ISLAND 2/	4/	4/	4/	4/	1	4/	1	1	79	0.0	0.0	0.0
SOUTH CAROLINA	8	10	11	12	13	11	14	17	73	7.7	27.3	-17.6
SOUTH DAKOTA	4/	4/	4/	4/	4/	4/	4/	1	78	0.0	0.0	-100.0
TENNESSEE	12	10	14	15	18	14	17	22	78	-5.6	21.4	-22.7
TEXAS	24	28	24	22	14	22	15	28	84	7.1	-31.8	-46.4
UTAH	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
VERMONT 2/	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
VIRGINIA	11	12	16	18	21	16	21	21	87	0.0	31.3	0.0
WASHINGTON	4/	4/	4/	1	1	4/	1	1	78	0.0	0.0	0.0
WEST VIRGINIA	3	2	2	2	3	2	2	6	77	-33.3	0.0	-66.7
WISCONSIN	1	3	2	3	3	2	3	7	77	0.0	50.0	-57.1
WYOMING	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
PUERTO RICO	3/	3/	3/	3/	3/	3/	3/	3/	00	0.0	0.0	0.0
FOREIGN COUNTRIES	6	10	9	7	9	8	8	9	77	-11.1	0.0	-11.1
UNDISTRIBUTED 5/	227	251	290	297	324	278	334	355	73	3.1	20.1	-5.9
TOTAL												

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

CUSTOMS DISTRICT	---BAHAMAS---	RELIGIUM, -LUXEMBOURG-	---CANADA---	---COLOMBIA---	---DENMARK---	---FRANCE---	GERMANY ---WEST---	---GREECE---
BALTIMORE, MD.-----								16,000
BOSTON, MASS.-----								
BUFFALO, N.Y.-----			27,476					
CHARLESTON, S.C.-----								
DETROIT, MICH.-----			12,703					
EL PASO, TEX.-----								
GREAT FALLS, MONT.-----								
HONOLULU, HAWAII-----								
HOUSTON, TEX.-----								
LAREDO, TEX.-----								
LOS ANGELES, CALIF.-----								
MIAMI, FLA.-----								
MOBILE, ALA.-----		500				43,343	9,939	
NEW ORLEANS, LA.-----								
NEW YORK CITY, N.Y.-----								
NOGALES, ARIZ.-----								
NORFOLK, VA.-----	3,176							23,898
OGDENSBURG, N.Y.-----			12,567			68		
PENBINA, N. DAK.-----			622					
PORTLAND, MAINE-----			1,124					
PORTLAND, OREG.-----								
PROVIDENCE, R.I.-----								
SAN DIEGO, CALIF.-----								
SAN FRANCISCO, CALIF.-----								
SAN JUAN, P.R.-----		919						
SAVANNAH, GA.-----								
SEATTLE, WASH.-----								
ST. ALBANS, VT.-----			36,953					
TAMPA, FLA.-----			22,225	16,758	6,479			21,448
VIRGIN ISLANDS OF U.S.-----								
WILMINGTON, N.C.-----				13,595				

FEBRUARY:

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

YEAR-TO-DATE:

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

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
FEBRUARY 1988 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	--HONDURAS--	-----JAPAN-----	KOREA, REPUBLIC OF	---MEXICO---	-----SPAIN----	--VENEZUELA--	-YUGOSLAVIA-
BALTIMORE, MD.-----							
BOSTON, MASS.-----							
BUFFALO, N.Y.-----				25,910			
CHARLESTON, S.C.-----				38,700			
DETROIT, MICH.-----							
EL PASO, TEX.-----							
GREAT FALLS, MONT.-----							
HONOLULU, HAWAII-----							
HOUSTON, TEX.-----				20,774			
LAREDO, TEX.-----			107,431				
LOS ANGELES, CALIF.-----				29,423	2,703		
MIAMI, FLA.-----				14,642	25,706		
MOBILE, ALA.-----				18,881			21,800
NEW ORLEANS, LA.-----							
NEW YORK CITY, N.Y.-----							
NOGALES, ARIZ.-----							
NORFOLK, VA.-----							
OGDENSPURG, N.Y.-----							
PENNINGTON, N.J.-----							
PORTLAND, MAINE-----							
PORTLAND, OREG.-----			21,991				
PROVIDENCE, R.I.-----							
SAN DIEGO, CALIF.-----				57,470			
SAN FRANCISCO, CALIF.-----				27,933			
SAN JUAN, P.R.-----	3,858				17,473		
SAVANNAH, GA.-----							
SEATTLE, WASH.-----							
ST. ALBANS, VT.-----							
TAMPA, FLA.-----				99,171	12,477		1,019
VIRGIN ISLANDS OF U.S.-----							
WILMINGTON, N.C.-----							
FEBRUARY:							
QUANTITY 4/-----	3,858	129,422		332,904	58,359	22,819	
VALUE 5/-----	\$110,090	\$4,392,326		\$10,177,541	\$4,251,945	\$950,104	
YEAR-TO-DATE:							
QUANTITY 4/-----	3,858	285,825		665,573	165,407	50,593	62
VALUE 5/-----	\$110,090	\$9,549,804	\$2,144,314	\$20,259,243	\$9,097,553	\$1,890,166	\$18,935

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
FEBRUARY 1988 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	-----T O T A L 4/-----	
	---FEBRUARY---	---TO DATE---
BALTIMORE, MD.-----	16,000	11,158
BOSTON, MASS.-----	27,476	25,106
BUFFALO, N.Y.-----	25,910	63,838
CHARLESTON, S.C.-----	12,703	25,910
DETROIT, MICH.-----	38,700	23,105
EL PASO, TEX.-----		76,853
GREAT FALLS, MONT.-----		40
HONOLULU, HAWAII-----		31,482
HOUSTON, TEX.-----		28,781
LAREDO, TEX.-----	20,774	33,946
LOS ANGELES, CALIF.-----	107,431	224,990
MIAMI, FLA.-----	42,565	144,037
MOBILE, ALA.-----		51,017
NEW ORLEANS, LA.-----	57,985	139,952
NEW YORK CITY, N.Y.-----	49,604	135,408
NOGALES, ARIZ.-----	19,881	58,248
NORFOLK, VA.-----	25,044	74,004
OGDENSBURG, N.Y.-----	12,567	23,835
PEMBINA, N. DAK.-----	622	3,213
PORTLAND, MAINE-----	1,124	4,495
PORTLAND, OREG.-----	21,991	44,010
PROVIDENCE, R.I.-----		20,480
SAN DIEGO, CALIF.-----	57,470	131,184
SAN FRANCISCO, CALIF.-----	27,933	60,089
SAN JUAN, P.R.-----	4,777	10,322
SAVANNAH, GA.-----	17,473	17,473
SEATTLE, WASH.-----	36,953	96,890
ST. ALBANS, VT.-----	22,225	35,863
TAMPA, FLA.-----	156,333	305,045
VIRGIN ISLANDS OF U.S.-----	1,019	2,554
WILMINGTON, N.C.-----	13,595	24,889

FEBRUARY:
QUANTITY 4/----- 817,135
VALUE 5/----- \$30,405,072

YEAR-TO-DATE:
QUANTITY 4/----- 1,928,217
VALUE 5/----- \$69,981,586

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

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
FEBRUARY 1988 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	BELGIUM,									
	---BAHAMAS---	---CANADA---	---COLOMBIA---	---DENMARK---	---MEXICO---	---SPAIN---	---VENEZUELA---			
BUFFALO, N.Y.-----		W								
DETROIT, MICH.-----		W								
EL PASO, TEX.-----					140					
LAREDO, TEX.-----					1,302					
MIAMI, FLA.-----			500			235				
NEW YORK CITY, N.Y.-----						2,158				
NORFOLK, VA.-----	3,176				684		9,306			
SAN DIEGO, CALIF.-----										
SAN JUAN, P.R.-----			919			3,304				
SAVANNAH, GA.-----				W						
TAMPA, FLA.-----										
VIRGIN ISLANDS OF U.S.-----							1,000			
FEBRUARY:										
QUANTITY 3/-----	3,176	1,419		W	2,126	5,697	10,306			
VALUE 4/-----	\$134,511	\$166,375		W	\$212,324	\$940,046	\$387,461			
YEAR-TO-DATE:										
QUANTITY 3/-----	3,176	1,592		W	2,945	5,697	10,306			
VALUE 4/-----	\$134,511	\$186,531		W	\$311,908	\$940,046	\$387,461			

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
FEBRUARY 1988 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	-----T O T A L 3/-----		
	---FEBRUARY---	---TO DATE---	
BUFFALO, N.Y.	W	W	
DETROIT, MICH.	W	W	
EL PASO, TEX.	140	367	
LAREDO, TEX.	1,302	1,482	
MIAMI, FLA.	735	2,035	
NEW YORK CITY, N.Y.	2,158	2,158	
NORFOLK, VA.	12,482	12,482	
SAN DIEGO, CALIF.	684	1,096	
SAN JUAN, P.R.	919	6,464	
SAVANNAH, GA.	3,304	3,304	
TAMPA, FLA.	W	W	
VIRGIN ISLANDS OF U.S.	1,000	2,535	

FEBRUARY:
QUANTITY 3/ 36,257
VALUE 4/ \$3,123,731

YEAR-TO-DATE:
QUANTITY 3/ 55,022
VALUE 4/ \$4,974,937

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

CUSTOMS DISTRICT	---CANADA---	---FRANCE---	---JAPAN---	---MEXICO---	---SPAIN---	-----T O T A L 3/----- ---FEBRUARY- ---TO DATE---
CHARLESTON, S.C.-----				25,910		25,910
DETROIT, MICH.-----	36					36
HONOLULU, HAWAII-----						31,482
LAREDO, TEX.-----				3,984		10,044
MOBILE, ALA.-----						51,017
NEW ORLEANS, LA.-----		28,463				37,139
NORFOLK, VA.-----		68				68
OGDENSBURG, N.Y.-----						373
PORTLAND, MAINE-----	32					2,387
SEATTLE, WASH.-----					1,830	3,155
TAMPA, FLA.-----						6,254
FEBRUARY:						
QUANTITY 3/-----	68	28,531		29,894	1,830	60,323
VALUE 4/-----	\$3,225	\$1,084,027		\$878,908	\$957,580	\$2,923,740
YEAR-TO-DATE:						
QUANTITY 3/-----	3,564	37,207	31,482	89,358	6,254	167,865
VALUE 4/-----	\$116,464	\$1,392,362	\$921,060	\$2,105,708	\$1,714,720	\$6,250,314

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 8.--Salient cement statistics

Year or month	Thousand short tons					Average price 5/ (current \$/s.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
1987:						
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	NA	NA	NA	64.44

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