



MINERAL INDUSTRY SURVEYS

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



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Cement, Monthly

CEMENT IN MAY 1982

Producers in the United States and Puerto Rico shipped 5.82 million short tons of portland cement in May, according to the Bureau of Mines, U.S. Department of the Interior. Cumulative shipments through May of 22.2 million tons were 17% less than cumulative shipments through May 1981, and 29% below the 1973 record for the same period.

The leading portland cement producing States or Districts (Texas, California, Pennsylvania, New York-Maine, and Michigan) shipped 43% of the May total. Texas, California, Florida, New York, and Pennsylvania, the leading consuming States, received 35% of total shipments.

Masonry cement shipments of 224,000 tons in May were 10% below shipments in May 1981. The leading producing States (Pennsylvania, Indiana, Florida, South Carolina, Texas) shipped 45% of the total and the leading consuming States (Florida, Texas, North Carolina, Georgia, and Pennsylvania) received 37% of total shipments. Cumulative shipments through May of 852,000 tons were 23% less than cumulative shipments through May 1981, and 47% below the record high shipments through May 1973.

Imports of hydraulic cement and clinker were 322,000 tons in May, or 31% below imports in May 1981. The principal import sources were Canada (81%), France (11%), the Bahamas (3%), and Mexico (3%). Cumulative imports through May, 759,000 tons, were 41% below cumulative imports through May 1981.

Because complete import data were not available for this report, table 8 gives a short summary of May imports. Detailed tables of May imports will appear in a subsequent Mineral Industry Surveys. Tables 5, 6, and 7 contain April import data which were not available for publication in the April report.

Prepared in the Section of Nonmetallic Minerals, July 23, 1982.

TABLE 1. - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF MAY 1982 1/

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	MAY	YEAR TO DATE	MAY	YEAR TO DATE
NEW YORK, MAINE	355,296	1,088,993	7,267	21,564
PENNSYLVANIA EASTERN	351,393	1,182,909	18,762	65,489
PENNSYLVANIA WESTERN	104,595	308,175	8,122	24,107
MARYLAND, WEST VIRGINIA	174,323	575,036	8,887	30,318
OHIO	144,259	381,130	8,252	25,611
MICHIGAN	352,007	752,597	14,471	36,238
INDIANA	139,966	302,936	20,335	71,103
ILLINOIS	145,817	412,215	1,130	4,228
TENNESSEE	73,985	299,607	5,550	22,995
KENTUCKY, NORTH CAROLINA, VIRGINIA	129,642	483,504	13,972	51,805
SOUTH CAROLINA	143,932	598,722	17,382	70,555
FLORIDA	217,446	1,143,797	19,557	101,476
GEORGIA	105,828	412,128	6,965	28,773
ALABAMA	236,563	896,515	14,506	59,444
LOUISIANA, MISSISSIPPI	88,584	421,956	359	6,136
NEBRASKA, WISCONSIN	51,915	148,729	609	2,323
SOUTH DAKOTA	42,339	96,152	377	1,107
IOWA	131,967	295,681	2,994	9,655
MISSOURI	338,564	1,025,794	10,662	31,175
KANSAS	122,732	547,758	3,349	15,475
OKLAHOMA, ARKANSAS	177,231	943,273	9,777	42,683
TEXAS	746,244	3,928,059	16,186	79,542
WYOMING, MONTANA, IDAHO	67,498	237,911	398	1,398
COLORADO, ARIZONA, UTAH, NEW MEXICO	301,335	1,278,746	8,427	33,538
WASHINGTON	112,268	407,178	479	1,967
OREGON, NEVADA	72,506	253,314		
CALIFORNIA NORTHERN	194,714	712,084		
CALIFORNIA SOUTHERN	395,768	1,747,340		
HAWAII	20,427	94,384	496	2,656
PUERTO RICO	82,213	432,414		
U.S. TOTAL.....	5,621,327	21,509,037	219,271	841,361
FOREIGN IMPORTS.....3/	203,499	646,151	4,329	10,785
TOTAL SHIPMENTS.....	5,824,826	22,155,188	223,600	852,146

- 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/ 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 MAY 1982 1/2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS) 3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	MAY	YEAR TO DATE	MAY	YEAR TO DATE
ALABAMA	86,488	340,864	5,965	24,094
ALASKA 4/	5/	5/	5/	5/
ARIZONA	116,792	536,287	5/	5/
ARKANSAS	46,016	188,239	2,498	10,651
CALIFORNIA NORTHERN	209,856	773,815		
CALIFORNIA SOUTHERN	343,607	1,447,690		
COLORADO	124,450	547,206	1,899	8,120
CONNECTICUT 4/	62,895	177,686	1,044	4,306
DELAWARE 4/	14,440	49,867	699	2,176
DISTRICT OF COLUMBIA 4/	11,584	46,459	173	735
FLORIDA	343,377	1,762,388	26,474	133,214
GEORGIA	175,894	668,233	13,813	54,504
HAWAII	20,427	94,384	496	2,656
IDAHO	21,280	57,951	82	317
ILLINOIS	227,086	614,564	5,056	16,571
INDIANA	93,455	253,851	6,051	16,818
IOWA	78,778	168,242	967	3,801
KANSAS	72,595	315,844	1,215	5,880
KENTUCKY	87,148	267,526	6,749	21,637
LOUISIANA	223,270	981,778	5,632	24,520
MAINE	20,021	49,324	751	2,274
MARYLAND	105,798	353,119	8,276	28,821
MASSACHUSETTS 4/	99,057	303,078	3,570	11,511
MICHIGAN	142,380	312,033	6,366	17,012
MINNESOTA 4/	96,474	228,195	3,325	8,697
MISSISSIPPI	61,743	251,824	3,812	15,122
MISSOURI	112,268	354,538	2,865	8,388
MONTANA	19,841	56,732	179	449
NEBRASKA	36,786	114,122	658	2,662
NEVADA	38,526	172,230		
NEW HAMPSHIRE 4/	30,095	89,085	986	2,634
NEW JERSEY 4/	107,878	373,175	5,253	17,712
NEW MEXICO	48,864	224,095	1,160	3,550
NEW YORK EASTERN	51,409	151,523	2,535	6,971
NEW YORK WESTERN	73,185	185,225	3,592	9,417
NEW YORK METROPOLITAN 4/	115,792	361,128	3,792	11,134
NORTH CAROLINA	119,292	437,562	14,170	56,400
NORTH DAKOTA 4/	23,349	57,144	519	1,320
OHIO	223,569	586,188	9,796	30,089
OKLAHOMA	125,365	727,213	3,619	18,146
OREGON	50,711	186,642	80	396
PENNSYLVANIA EASTERN	143,310	423,520	4,817	14,506
PENNSYLVANIA WESTERN	86,285	247,847	6,147	18,923
PUERTO RICO	79,965	416,162		
RHODE ISLAND 4/	13,012	39,861	390	1,328
SOUTH CAROLINA	69,396	294,736	7,230	29,736
SOUTH DAKOTA	14,791	34,741	322	890
TENNESSEE	99,878	381,350	9,518	35,483
TEXAS	700,067	3,641,178	16,805	82,452
UTAH	57,044	190,011	194	434
VERMONT 4/	11,546	21,064	415	884
VIRGINIA	141,577	480,938	10,502	40,102
WASHINGTON	105,179	377,382	503	1,986
WEST VIRGINIA	48,977	131,778	3,236	10,115
WISCONSIN	107,145	223,747	3,480	8,861
WYOMING	37,686	134,141	187	603
U.S. POSS. AND TERR.	5/	5/	5/	5/
FOREIGN COUNTRIES 6/	47,127	168,684	5,737	23,438
TOTAL SHIPMENTS.....	5,824,826	22,155,188	223,600	852,146

- 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 FOOTNOTE 5/.

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1977-1982) FOR MONTH OF MAY 1/ 2/ PAGE 1

STATE	1977	1978	1979	1980	1981	5-YEAR AVERAGE	1982	RECORD HIGH-		1981	5-YEAR AVE.	RECORD YEAR
								QTY.	YR			
ALABAMA	144	138	127	94	89	118	86	144	77	-3.4	-27.1	-40.3
ALASKA 3/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	127	153	174	115	153	144	117	174	79	-23.5	-18.8	-32.8
ARKANSAS	85	97	79	60	57	76	46	97	78	-19.3	-39.5	-52.6
CALIFORNIA NORTHERN	254	349	392	259	230	297	210	392	79	-8.7	-29.3	-46.4
CALIFORNIA SOUTHERN	403	488	530	473	403	459	344	530	79	-14.6	-25.1	-35.1
COLORADO	150	137	151	112	107	131	124	151	79	15.9	-5.3	-17.9
CONNECTICUT 3/	58	72	83	60	66	70	63	83	79	-4.5	-10.0	-24.1
DELAWARE 3/	15	13	16	13	11	14	14	16	79	27.3	0.0	-12.5
DISTRICT OF COLUMBIA 3/	13	16	14	10	9	12	12	18	76	33.3	0.0	-33.3
FLORIDA	294	400	389	405	460	390	343	460	81	-25.4	-12.1	-25.4
GEORGIA	214	208	199	174	170	193	176	214	77	3.5	-8.8	-17.8
HAWAII	28	33	39	35	26	32	20	39	79	-23.1	-37.5	-48.7
IDAHO	53	52	50	36	28	46	21	63	77	-25.0	-54.3	-66.7
ILLINOIS	380	385	389	248	205	321	227	389	79	10.7	-29.3	-41.6
INDIANA	179	182	193	142	95	158	93	193	79	-2.1	-41.1	-51.8
IOWA	188	223	206	125	129	174	79	223	78	-38.8	-54.6	-64.6
KANSAS	117	128	132	117	88	116	73	132	79	-17.0	-37.1	-44.7
KENTUCKY	123	128	127	94	85	111	87	128	78	2.4	-21.6	-32.0
LOUISIANA	245	288	262	213	223	246	223	288	78	0.0	-9.3	-22.6
MAINE	28	27	26	22	22	25	20	28	77	-9.1	-20.0	-28.6
MARYLAND	124	126	138	128	103	124	106	138	79	2.9	-14.5	-23.2
MASSACHUSETTS 3/	90	97	102	101	100	98	99	102	79	-1.0	1.0	-2.9
MICHIGAN	296	318	255	223	183	295	142	318	78	-22.4	-44.3	-55.3
MINNESOTA 3/	172	190	191	151	117	164	96	191	79	-17.9	-41.5	-49.7
MISSISSIPPI	87	89	98	76	76	85	62	98	79	-18.4	-27.1	-36.7
MISSOURI	163	201	215	115	125	164	112	215	79	-10.4	-31.7	-47.9
MONTANA	30	35	40	27	24	31	20	40	79	-16.7	-35.5	-50.0
NEBRASKA	100	116	117	91	58	96	37	117	79	-36.2	-61.5	-68.4
NEVADA	41	58	56	49	54	52	39	58	78	-27.8	-25.0	-32.8
NEW HAMPSHIRE 3/	27	37	31	24	22	28	30	37	78	36.4	7.1	-18.9
NEW JERSEY 3/	149	172	174	143	118	151	108	174	79	-8.5	-28.5	-37.9
NEW MEXICO	55	65	53	53	59	57	49	65	78	-16.9	-14.0	-24.6
NEW YORK EASTERN	52	83	65	72	50	64	51	83	78	2.0	-20.3	-38.6
NEW YORK WESTERN	101	108	89	81	83	92	73	108	78	-12.0	-20.7	-32.4
NEW YORK METROPOLITAN 3/	78	77	98	96	105	91	116	116	82	10.5	27.5	0.0
NORTH CAROLINA	148	172	167	145	127	192	119	172	78	-6.3	-21.7	-30.8
NORTH DAKOTA 3/	35	36	36	26	27	32	23	58	76	-14.8	-28.1	-60.3
OHIO	324	337	345	264	205	295	224	345	79	9.3	-24.1	-35.1
OKLAHOMA	136	157	158	103	151	141	125	158	79	-17.2	-11.3	-20.9

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1977-1982) FOR MONTH OF MAY 1/ 2/ PAGE 2
IN THOUSAND SHORT TONS

STATE	1977	1978	1979	1980	1981	5-YEAR AVERAGE	1982	RECORD HIGH- QTY.	YR	-PERCENT CHANGE FROM-- ---CURRENT YEAR TO----		
										1981	5-YEAR AVE	RECORD YEAR
OREGON	66	90	92	78	51	75	51	92	79	0.0	-32.0	-44.6
PENNSYLVANIA EASTERN	197	189	192	160	146	177	143	197	77	-2.1	-19.2	-27.4
PENNSYLVANIA WESTERN	120	104	117	90	83	103	86	120	77	3.6	-16.5	-28.3
RHODE ISLAND 3/	13	17	13	13	11	13	13	17	78	18.2	0.0	-23.5
SOUTH CAROLINA	79	97	80	89	90	87	69	97	78	-23.3	-20.7	-28.9
SOUTH DAKOTA	35	37	37	34	25	34	15	48	76	-40.0	-55.9	-68.8
TENNESSEE	148	152	147	126	101	135	100	152	78	-1.0	-25.9	-34.2
TEXAS	735	839	753	677	751	751	700	839	78	-6.8	-6.8	-16.6
UTAH	71	97	103	68	65	81	57	103	79	-12.3	-29.6	-44.7
VERMONT 3/	15	16	15	13	14	15	12	16	78	-14.3	-20.0	-25.0
VIRGINIA	159	177	195	159	140	166	142	195	79	1.4	-14.5	-27.2
WASHINGTON	116	159	179	126	109	138	105	179	79	-3.7	-23.9	-41.3
WEST VIRGINIA	79	57	59	53	43	58	49	79	77	14.0	-15.5	-38.0
WISCONSIN	196	225	210	188	151	194	107	225	78	-29.1	-44.8	-52.4
WYOMING	36	37	45	45	35	40	38	45	79	8.6	-5.0	-15.6
PUERTO RICO	113	134	118	111	96	114	80	134	78	-16.7	-29.8	-40.3
U.S. POSS. AND TERR.	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
FOREIGN COUNTRIES	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
UNDISTRIBUTED 5/	28	23	27	27	73	36	48	48	82	-34.2	33.3	0.0
TOTAL	7532	8441	8388	6832	6427	7524	5824	8746	73	-9.4	-22.6	-33.4

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 (1977-1982) FOR MONTH OF MAY 1/ PAGE 5

STATE	1977	1978	1979	1980	1981	5-YEAR AVERAGE	1982	RECORD HIGH-		1981	5-YEAR AVE	RECORD YEAR
								QTY.	YR			
ALABAMA	13	13	12	8	7	11	6	13	78	-14.3	-45.5	-53.8
ALASKA 2/	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	7	8	6	4	3	6	2	8	78	-33.3	-66.7	-75.0
CALIFORNIA NORTHERN	4/	1	4	2	2	1	2	4	79	0.0	0.0	0.0
CALIFORNIA SOUTHERN	3	4	5	1	1	3	2	5	79	0.0	-100.0	-100.0
COLORADO	2	1	2	1	1	1	1	2	79	0.0	-33.3	-60.0
CONNECTICUT 2/	1	1	1	1	1	1	1	1	77	0.0	0.0	-50.0
DELAWARE 2/	1	4/	4/	4/	4/	4/	4/	1	77	0.0	0.0	0.0
DISTRICT OF COLUMBIA 2/	22	31	31	31	34	30	26	34	81	-23.5	-13.3	-23.5
FLORIDA	17	17	18	13	14	16	14	18	79	0.0	-12.5	-22.2
GEORGIA	1	1	1	1	1	1	4/	1	80	-100.0	-100.0	-100.0
HAWAII	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
IDAHO	13	15	15	7	6	11	5	15	79	-16.7	-54.5	-66.7
ILLINOIS	12	13	13	8	6	10	6	13	78	0.0	-40.0	-53.8
INDIANA	3	4	3	2	2	3	1	4	78	-50.0	-66.7	-75.0
IOWA	3	3	3	2	2	3	1	3	78	-50.0	-55.7	-66.7
KANSAS	13	16	13	8	7	11	7	16	78	0.0	-35.4	-56.3
KENTUCKY	9	10	8	6	5	8	6	10	78	20.0	-25.0	-40.0
LOUISIANA	1	1	1	1	1	1	1	1	79	0.0	0.0	0.0
MAINE	12	11	13	10	9	11	8	13	79	-11.1	-27.3	-38.5
MARYLAND	4	4	4	4	4	4	4	4	79	0.0	0.0	0.0
MASSACHUSETTS 2/	17	20	19	12	9	15	6	20	78	-33.3	-50.0	-70.0
MICHIGAN	7	8	8	5	4	6	3	8	78	-25.0	-50.0	-62.5
MINNESOTA 2/	6	8	8	5	4	6	4	8	78	0.0	-33.3	-50.0
MISSISSIPPI	5	6	6	3	3	5	3	6	79	0.0	-40.0	-50.0
MISSOURI	4/	4/	4/	4/	4/	4/	4/	4/	79	0.0	0.0	0.0
MONTANA	2	2	2	1	1	2	1	2	79	0.0	-50.0	-50.0
NEBRASKA	1	1	4/	1	1	1	1	4/	79	0.0	0.0	0.0
NEVADA	6	6	7	5	6	6	5	7	76	0.0	0.0	0.0
NEW HAMPSHIRE 2/	2	2	1	1	1	1	1	2	78	-16.7	-15.7	-28.6
NEW JERSEY 2/	3	5	3	2	3	3	3	3	79	0.0	0.0	0.0
NEW MEXICO	5	5	4	4	4	4	4	5	77	0.0	0.0	0.0
NEW YORK EASTERN	3	3	3	4	4	3	4	4	81	0.0	33.3	0.0
NEW YORK WESTERN	24	28	22	18	14	21	14	28	78	0.0	-33.3	-50.0
NEW YORK METROPOLITAN 2/	1	1	1	1	1	1	1	1	78	0.0	0.0	0.0
NORTH CAROLINA	21	23	22	15	11	18	10	23	78	-9.1	-44.4	-56.5
NORTH DAKOTA 2/	6	8	7	4	5	6	4	8	78	-20.0	-33.3	-50.0
OHIO												
OKLAHOMA												

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1977-1982) FOR MONTH OF MAY 1/ PAGE 6
IN THOUSAND SHORT TONS

STATE	1977	1978	1979	1980	1981	5-YEAR AVERAGE	1982	RECORD HIGH-		1981	5-YEAR AVE	RECORD YEAR
								QTY.	YR			
OREGON	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
PENNSYLVANIA EASTERN	7	7	8	5	5	6	5	8	79	0.0	-16.7	-37.5
PENNSYLVANIA WESTERN	11	11	11	9	6	10	6	11	78	0.0	-40.0	-45.5
RHODE ISLAND 2/	4/	4/	1	4/	4/	4/	4/	4/	79	0.0	0.0	-100.0
SOUTH CAROLINA	13	13	12	10	8	11	7	13	78	-12.5	-36.4	-46.2
SOUTH DAKOTA	1	1	1	1	4/	1	4/	1	78	0.0	-100.0	-100.0
TENNESSEE	19	21	18	11	10	16	10	21	78	0.0	-37.5	-52.4
TEXAS	20	27	23	17	19	21	17	27	78	-10.5	-19.0	-37.0
UTAH	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
VERMONT 2/	1	1	1	4/	4/	1	4/	1	79	0.0	-100.0	-100.0
VIRGINIA	20	21	21	13	13	18	11	21	78	-15.4	-38.9	-47.6
WASHINGTON	1	1	1	1	1	1	1	1	79	0.0	0.0	0.0
WEST VIRGINIA	6	6	5	4	3	5	3	6	77	0.0	-40.0	-50.0
WISCONSIN	8	9	7	5	4	7	3	9	78	-25.0	-57.1	-66.7
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
U.S. POSS. AND TERR.	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
FOREIGN COUNTRIES	7	11	10	6	5	8	6	11	78	20.0	-25.0	-45.5
UNDISTRIBUTED 5/	360	407	386	272	250	335	224	407	78	-10.4	-33.1	-45.0
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
APRIL 1982 BY COUNTRY AND CUSTOMS DISTRICT 3/
(SHORT TONS)

CUSTOMS DISTRICT	--AUSTRALIA--	---BAHAMAS---	BELGIUM, -LUXEMBOURG-	----CANADA----	-----CHINA-----	---COLOMBIA---	---DENMARK---	DOMINICAN --REPUBLIC--
ANCHORAGE, ALASKA-----				3,300				
BUFFALO, N.Y.-----				18,557				
CLEVELAND, OHIO-----								
DETROIT, MICH.-----				2,269				
EL PASO, TEX.-----								
GREAT FALLS, MONT.-----								
LAREDO, TEX.-----				151				
LOS ANGELES, CALIF.-----								
MIAMI, FLA.-----								
MILWAUKEE, WIS.-----								
NEW YORK CITY, N.Y.-----							26,182	
NOGALES, ARIZ.-----								
NORFOLK, VA.-----								
OGDENSBURG, N.Y.-----				3,495				
PENBINA, N. DAK.-----				961				
PORTLAND, MAINE-----				232				
SAN DIEGO, CALIF.-----								
SAN JUAN, P.R.-----								
SEATTLE, WASH.-----								
ST. ALBANS, VT.-----				176				
TAMPA, FLA.-----				22,778				
VIRGIN ISLANDS OF U.S.-----				28,324				
		4,183						38

8

APRIL:

RIL.
QUANTITY 4/-----
VALUE 5/-----

YEAR-TO-DATE:

AR-10-DATE:
QUANTITY 4/-----
VALUE 5/-----

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
APRIL 1982 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
APRIL 1982 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	BELGIUM, -LUXEMBOURG-	---CANADA---	--COLOMBIA--	DOMINICAN --REPUBLIC--	FRENCH --WEST INDIES	-----MEXICO-----	-----SPAIN-----
BUFFALO, N.Y.-----		518					
CLEVELAND, OHIO-----							
DETROIT, MICH.-----		2,120					
LAREDO, TEX.-----							
SAN JUAN, P.R.-----							
ST. ALBANS, VT.-----							
TAMPA, FLA.-----							
VIRGIN ISLANDS OF U.S.-----					551		
APRIL:							
QUANTITY 3/-----		2,638			561		
VALUE 4/-----		\$352,480			\$49,233		
YEAR-TO-DATE:							
QUANTITY 3/-----	1,869	10,631	656	85	2,303	12	7,944
VALUE 4/-----	\$276,182	\$1,486,923	\$73,563	\$72,000	\$203,849	\$1,874	\$820,501

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
APRIL 1982 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	-----Y O T A L 3/----- -----APRIL-----TO DATE--	
BUFFALO, N.Y.-----	518	1,457
CLEVELAND, OHIO-----		
DETROIT, MICH.-----	2,120	7,013
LAREDO, TEX.-----		12
SAN JUAN, P.R.-----		5,325
ST. ALBANS, VT.-----		133
TAMPA, FLA.-----		7,172
VIRGIN ISLANDS OF U.S.-----	561	2,388

APRIL:
QUANTITY 3/- 3,199
VALUE 4/- \$401,713

YEAR-TO-DATE:
QUANTITY 3/- 23,500
VALUE 4/- \$2,944,892

- 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
APRIL 1982 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

-----T O T A L 3/-----
-----CHINA-----APRIL-----TO DATE--

32

CUSTOMS DISTRICT
LAREDO, TEX.-----

APRIL:
QUANTITY 3/-----
VALUE 4/-----

YEAR-TO-DATE:
QUANTITY 3/-----
VALUE 4/-----

32
\$7,830

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.--Summary of cement and clinker imported for consumption
in the United States and Puerto Rico, May 1982
(Short tons and thousand dollars ^{1/})

Country of origin	Hydraulic cement, NSPP		White cement		Clinker	
	Quantity	Value	Quantity	Value	Quantity	Value
Bahamas-----	11,239	509	--	--	--	--
Belgium-----	--	--	2,284	288	--	--
Canada-----	212,728	7,699	3,707	516	44,910	W
Denmark-----	--	--	219	26	--	--
Dominican Republic-----	470	40	15	16	--	--
Federal Republic of Germany-----	37	18	--	--	--	--
France-----	--	--	--	--	--	--
Mexico-----	11,112	592	--	--	34,617	W
Spain-----	--	--	395	93	--	--
Yugoslavia-----	110	38	--	--	--	--
Total-----	235,696	8,896	2/6,619	939	79,527	2,818

W Withheld to avoid disclosing company proprietary data.

^{1/} C.i.f. value (cost, insurance, freight).

^{2/} Data do not add to total shown because of independent rounding.

SOURCE: U.S. BUREAU OF THE CENSUS.

Table 9.--Salient cement statistics

Year or month	Thousand short tons					Average price ^{5/} (\$/s.t.)
	Ship- ments <u>1/</u> <u>2/</u>	Produc- tion <u>1/</u>	Imports <u>3/</u>	Exports	Invento- ries <u>4/</u>	
1961	63,050	63,662	681	54	6,846	17.80
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	82,297	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:	74,682	72,932	3,997	303	7,408	52.46
Jan	4,042	NA	107	15	NA	57.83
Feb	4,066	NA	146	23	NA	59.21
Mar	5,962	NA	255	34	NA	59.36
Apr	6,872	NA	309	23	NA	59.27
May	6,675	NA	469	32	NA	59.40
Jun	7,436	NA	495	29	NA	60.30
Jul	7,582	NA	387	29	NA	60.39
Aug	7,302	NA	476	26	NA	61.19
Sep	7,267	NA	371	26	NA	61.23
Oct	7,065	NA	391	28	NA	61.13
Nov	5,763	NA	346	22	NA	62.10
Dec	4,578	NA	244	16	NA	62.13
1982:						
Jan	2,941	NA	77	11	NA	62.43
Feb	3,460	NA	153	16	NA	62.21
Mar	5,040	NA	55	20	NA	62.59
Apr	5,515	NA	153	21	NA	62.42
May	6,048	NA	322	23	NA	e/62.00

e/ Estimated

1/ Portland and masonry cement, and cement produced from imported clinker, for the 50 States and Puerto Rico.2/ Includes imported 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. The quotations are significantly higher than the canvass data, 15% higher in 1981.