



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 1982

Producers in the United States and Puerto Rico shipped 6.65 million short tons of portland cement in September, according to the Bureau of Mines, U.S. Department of the Interior. Cumulative shipments through September of 48.7 million tons were 12% less than cumulative shipments through September 1981, and 27% below the 1973 record for the same period.

The leading portland cement producing States (Texas, California, Missouri, Pennsylvania, and Michigan) shipped 43% of the September total. Texas, California, Florida, Illinois, and Pennsylvania, the leading consuming States, received 33% of total shipments.

Masonry cement shipments of 227,000 tons in September were 11% below shipments in September 1981. The leading producing States (Pennsylvania, Indiana, Texas, Florida, and South Carolina) shipped 47% of the total and the leading consuming States (Florida, Texas, North Carolina, Georgia, and Pennsylvania) received 36% of total shipments. Cumulative shipments through September of 1.79 million tons were 17% less than cumulative shipments through September 1981, and 44% below the record high shipments through September 1973.

Imports of hydraulic cement and clinker were 452,000 tons in September, or 22% above imports in September 1981. The principal import sources were Canada (72%), France (7%), Spain (6%), and the Republic of Korea (4%). Cumulative imports through September, 2.17 million tons, were 28% below cumulative imports through September 1981.

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

An updated directory of U.S. cement producers is now available upon request.

Prepared in the Division of Industrial Minerals, November 8, 1982.

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

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	SEPTEMBER	YEAR TO DATE	SEPTEMBER	YEAR TO DATE
NEW YORK, MAINE	320,846	2,444,541	7,517	50,575
PENNSYLVANIA EASTERN	391,492	2,774,110	17,794	140,278
PENNSYLVANIA WESTERN	101,882	740,525	8,639	57,261
MARYLAND, WEST VIRGINIA	169,832	1,269,448	10,956	70,684
OHIO	147,283	956,182	9,321	62,555
MICHIGAN	416,424	2,386,137	16,258	99,446
INDIANA	183,749	1,003,026	22,313	156,271
ILLINOIS	168,880	1,064,949	1,288	9,697
TENNESSEE	75,068	594,185	5,426	44,029
KENTUCKY, NORTH CAROLIAN, VIRGINIA	162,169	1,106,740	12,312	109,203
SOUTH CAROLINA	160,576	1,213,261	17,655	139,538
FLORIDA	212,687	2,008,656	19,491	178,932
GEORGIA	94,016	817,521	6,749	55,367
ALABAMA	253,466	1,863,378	13,328	116,221
LOUISIANA, MISSISSIPPI	94,906	790,786	569	8,285
NEBRASKA, WISCONSIN	106,381	498,009	975	6,301
SOUTH DAKOTA	80,656	400,533	476	3,318
IOWA	251,956	1,221,999	3,785	25,211
MISSOURI	528,471	2,781,469	835	63,182
KANSAS	170,200	1,182,569	4,979	34,520
OKLAHOMA, ARKANSAS	243,120	1,930,942	11,757	88,810
TEXAS	838,116	7,392,799	21,287	163,763
WYOMING, MONTANA, IDAHO	55,383	503,336	390	3,121
COLORADO, ARIZONA, UTAH, NEW MEXICO	292,490	2,545,280	8,075	67,884
WASHINGTON	124,915	919,918	453	3,919
OREGON, NEVADA	91,638	593,310	107	107
CALIFORNIA NORTHERN	200,077	1,588,924		4
CALIFORNIA SOUTHERN	378,628	3,387,911		
HAWAII	20,194	174,135	466	4,777
PUERTO RICO	79,047	758,879		
U.S. TOTAL.....	6,424,557	47,163,558	223,202	1,763,259
FOREIGN IMPORTS.....3/	221,001	1,513,417	4,152	27,885
TOTAL SHIPMENTS.....	6,645,558	48,676,975	227,354	1,791,144

- 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 SEPTEMBER, 1992 1/2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS) 3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	SEPTEMBER	YEAR TO DATE	SEPTEMBER	YEAR TO DATE
ALABAMA	90,780	697,675	5,959	48,552
ALASKA 4/	5/	5/	5/	5/
ARIZONA	93,127	935,614	5/	5/
ARKANSAS	63,529	415,872	2,777	22,447
CALIFORNIA NORTHERN	216,225	1,685,067		
CALIFORNIA SOUTHERN	327,452	2,938,241		
COLORADO	133,689	1,119,747	2,197	17,813
CONNECTICUT 4/	61,880	431,878	1,515	9,076
DELAWARE 4/	14,070	110,472	663	4,756
DISTRICT OF COLUMBIA 4/	14,148	100,700	914	1,889
FLORIDA	323,393	3,089,002	26,365	238,272
GEORGIA	163,663	1,339,263	12,392	107,449
HAWAII	20,244	175,471	466	4,777
IDAHO	25,404	186,527	112	742
ILLINOIS	286,068	1,683,342	5,206	39,643
INDIANA	125,442	769,402	7,276	43,208
IOWA	220,237	866,319	1,233	9,541
KANSAS	104,192	691,706	1,768	12,780
KENTUCKY	105,569	665,943	5,959	47,642
LOUISIANA	236,880	1,891,094	5,120	49,229
MAINE	24,825	145,978	971	5,724
MARYLAND	96,146	767,460	7,568	63,968
MASSACHUSETTS 4/	95,410	699,973	2,827	24,153
MICHIGAN	168,248	975,564	6,711	43,443
MINNESOTA 4/	152,936	846,179	3,870	24,270
MISSISSIPPI	72,988	520,709	2,367	28,802
MISSOURI	168,080	911,389	2,232	18,089
MONTANA	27,414	172,736	192	1,129
NEBRASKA	114,246	490,644	958	6,442
NEVADA	36,297	320,933		
NEW HAMPSHIRE 4/	27,842	211,331	885	6,289
NEW JERSEY 4/	124,154	890,506	5,170	39,168
NEW MEXICO	43,218	416,262	945	7,768
NEW YORK EASTERN	34,061	361,607	2,168	16,576
NEW YORK WESTERN	94,612	565,779	3,391	24,070
NEW YORK METROPOLITAN 4/	102,287	745,323	4,307	26,580
NORTH CAROLINA	157,920	1,006,381	14,764	113,559
NORTH DAKOTA 4/	37,466	206,264	670	4,359
OHIO	229,927	1,505,079	10,993	72,392
OKLAHOMA	159,583	1,412,779	5,482	39,817
OREGON	71,238	460,967	69	672
PENNSYLVANIA EASTERN	147,302	1,030,174	4,799	32,905
PENNSYLVANIA WESTERN	90,735	631,694	6,869	45,992
PUERTO RICO	76,594	728,743		
RHODE ISLAND 4/	14,113	91,432	329	2,799
SOUTH CAROLINA	68,228	560,569	7,318	58,885
SOUTH DAKOTA	31,234	148,742	384	2,407
TENNESSEE	109,262	803,192	4,945	68,951
TEXAS	823,324	7,040,012	22,272	168,773
UTAH	57,678	459,338	139	937
VERMONT 4/	14,849	77,313	528	2,665
VIRGINIA	128,878	1,016,888	10,552	83,237
WASHINGTON	97,112	800,534	563	4,244
WEST VIRGINIA	55,040	339,219	3,112	23,505
WISCONSIN	148,957	777,825	3,790	24,506
WYOMING	44,701	314,926	96	1,395
U.S. POSS. AND TERR.	5/	5/	5/	5/
FOREIGN COUNTRIES 6/	62,661	429,196	5,196	44,857
TOTAL SHIPMENTS.....	6,645,558	48,676,975	227,354	1,791,144

- 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 (1977-1982) FOR MONTH OF SEPTEMBER 1/ 2/ PAGE 1

STATE	1977	1978	1979	1980	1981	5-YEAR AVERAGE	1982	RECORD HIGH-		1981	-PERCENT CHANGE FROM--	
								QTY.	YR		---CURRENT YEAR TO---	RECORD YEAR
ALABAMA	117	129	88	99	85	104	91	132	76	7.1	-12.5	-31.1
ALASKA 3/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	123	130	142	136	115	129	93	142	79	-19.1	-27.9	-34.5
ARKANSAS	95	87	89	70	66	81	64	101	76	-3.0	-21.0	-36.6
CALIFORNIA NORTHERN	285	331	356	292	234	300	216	356	79	-7.7	-28.0	-39.3
CALIFORNIA SOUTHERN	478	488	474	467	394	460	327	488	78	-17.0	-28.9	-33.0
COLORADO	141	154	153	150	166	153	134	166	81	-19.3	-12.4	-19.3
CONNECTICUT 3/	67	88	73	63	70	70	62	88	78	3.3	-11.4	-29.5
DELAWARE 3/	16	14	14	13	13	14	14	15	77	7.7	0.0	-12.5
DISTRICT OF COLUMBIA 3/	14	17	11	12	9	13	14	17	78	55.6	7.7	-17.6
FLORIDA	316	376	324	455	428	380	323	455	80	-24.5	-15.0	-29.0
GEORGIA	190	208	141	185	180	181	164	208	78	-8.9	-3.4	-21.2
HAWAII	24	34	24	18	24	27	20	34	79	-16.7	-25.9	-41.2
IDAHO	48	41	51	37	34	42	25	59	76	-26.5	-40.5	-57.6
ILLINOIS	413	387	433	295	257	357	286	505	76	11.3	-19.9	-43.4
INDIANA	203	198	206	152	127	177	125	205	79	-1.6	-29.4	-39.3
IOWA	216	247	261	186	170	216	220	261	79	29.4	1.9	-15.7
KANSAS	120	121	138	117	107	121	104	138	79	-2.8	-14.0	-24.6
KENTUCKY	135	141	127	105	91	120	106	141	78	16.5	-11.7	-24.8
LOUISIANA	214	243	225	233	228	229	237	243	78	3.9	3.5	-2.5
MAINE	29	31	25	27	25	27	25	40	76	0.0	-7.4	-37.5
MARYLAND	131	144	116	117	111	124	96	144	78	-13.5	-22.6	-33.3
MASSACHUSETTS 3/	92	107	97	102	101	100	95	107	78	-5.9	-5.0	-11.2
MICHIGAN	315	316	349	242	188	282	168	349	79	-10.6	-40.4	-51.9
MINNESOTA 3/	206	206	193	191	173	194	163	211	76	-5.8	-16.0	-22.7
MISSISSIPPI	93	103	79	82	78	87	73	103	78	-6.4	-16.1	-29.1
MISSOURI	185	228	209	168	162	190	168	228	78	3.7	-11.6	-26.3
MONTANA	44	46	38	36	34	40	27	46	78	-20.6	-32.5	-41.3
NEBRASKA	122	118	142	105	87	115	114	142	79	31.0	-0.9	-19.7
NEVADA	51	57	52	60	42	52	36	60	80	-14.3	-30.8	-40.0
NEW HAMPSHIRE 3/	29	37	33	23	27	30	28	37	78	3.7	-5.7	-24.3
NEW JERSEY 3/	134	173	161	141	119	146	124	173	78	4.2	-15.1	-28.3
NEW MEXICO	59	51	46	57	56	54	43	59	77	-23.2	-20.4	-27.1
NEW YORK EASTERN	52	83	103	86	55	76	34	103	79	-38.2	-55.3	-67.0
NEW YORK WESTERN	94	125	105	103	91	104	95	125	78	4.4	-8.7	-24.0
NEW YORK METROPOLITAN 3/	97	92	77	89	100	91	102	102	82	2.0	12.1	0.0
NORTH CAROLINA	164	181	120	137	142	149	158	181	78	11.3	5.0	-12.7
NORTH DAKOTA 3/	43	48	46	33	41	42	37	48	78	-9.8	-11.9	-22.9
OHIO	379	364	339	309	264	331	230	379	77	-12.9	-30.5	-39.3
OKLAHOMA	142	152	165	156	169	157	160	169	81	-5.3	1.9	-5.3

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1977-1982) FOR MONTH OF SEPTEMBER 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	92	93	95	88	68	87	71	95	79	4.4	-18.4	-25.3
PENNSYLVANIA EASTERN	189	193	170	162	148	172	147	193	78	-0.7	-14.5	-23.8
PENNSYLVANIA WESTERN	124	147	124	113	97	121	91	147	78	-6.2	-24.8	-38.1
RHODE ISLAND 3/	15	17	15	12	12	14	14	17	78	16.7	0.0	-17.6
SOUTH CAROLINA	76	81	66	78	85	77	68	85	81	-20.0	-11.7	-20.0
SOUTH DAKOTA	57	45	61	38	29	46	31	61	79	6.9	-32.5	-49.2
TENNESSEE	134	177	148	130	120	142	109	177	78	-9.2	-23.2	-38.4
TEXAS	663	628	696	719	813	704	823	823	82	1.2	16.9	10.0
UTAH	85	88	97	99	72	88	58	107	76	-19.4	-34.1	-45.8
VERMONT 3/	16	18	18	17	16	17	15	18	78	-6.3	-11.8	-16.7
VIRGINIA	172	180	166	190	145	171	129	190	80	-11.0	-24.6	-32.1
WASHINGTON	138	157	153	125	119	138	97	157	78	-18.5	-29.7	-38.2
WEST VIRGINIA	47	76	66	69	51	62	55	75	78	7.8	-11.3	-27.6
WISCONSIN	211	202	236	203	159	202	149	236	79	-6.3	-26.2	-36.9
WYOMING	47	32	53	59	67	52	45	67	81	-32.8	-13.5	-32.8
PUERTO RICO	114	120	97	113	94	108	77	120	78	-18.1	-28.7	-35.8
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/	29	27	22	50	50	36	63	138	75	26.0	75.0	-54.3
TOTAL	7885	8377	8118	7614	6998	7798	6643	8377	78	-5.1	-14.8	-20.7

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 SEPTEMBER 1/ PAGE 5

STATE	1977	1978	1979	1980	1981	5-YEAR AVERAGE	1982	RECORD HIGH-		-PERCENT CHANGE FROM--		
								QTY.	YR	1981	5-YEAR AVE	---CURRENT YEAR TO--- RECORD YEAR
ALABAMA	12	12	8	8	3	9	6	12	78	0.0	-33.3	-50.0
ALASKA 2/	3/	3/	3/	3/	3	3/	3/	3/	3/	3/	3/	3/
ARIZONA	3/	3/	6	4	3	6	3	7	77	-25.0	-50.0	-57.1
ARKANSAS	7	4/	1	3	3	4/	2	4/	78	0.0	0.0	0.0
CALIFORNIA NORTHERN	4	4	3	3	3	3	2	1	79	0.0	0.0	0.0
CALIFORNIA SOUTHERN	2	2	2	2	1	2	2	4	78	-33.3	-33.3	-50.0
COLORADO	1	1	1	1	1	1	1	1	78	100.0	0.0	0.0
CONNECTICUT 2/	1	1	1	4/	4/	1	1	1	77	0.0	0.0	0.0
DELAWARE 2/	23	30	28	34	31	29	26	34	80	-16.1	-10.3	-23.5
DISTRICT OF COLUMBIA 2/	17	19	13	14	13	15	12	19	78	-7.7	-20.0	-36.8
FLORIDA	1	1	1	1	4/	1	4/	1	77	-100.0	-100.0	-100.0
GEORGIA	4/	4/	4/	9	7	12	5	4/	78	0.0	0.0	0.0
HAWAII	14	15	14	9	7	11	5	15	78	-28.6	-58.3	-66.7
IDAH0	13	14	12	9	7	11	7	14	78	0.0	-36.4	-50.0
ILLINOIS	3	3	3	2	2	3	1	3	76	-50.0	-65.7	-66.7
INDIANA	3	3	3	2	2	3	2	3	76	0.0	-33.3	-33.3
IOWA	13	14	11	9	7	11	6	14	78	-14.3	-45.5	-57.1
KANSAS	13	14	7	6	6	7	5	8	78	-16.7	-28.6	-37.5
KENTUCKY	8	8	1	1	1	1	1	1	78	0.0	0.0	0.0
LOUISIANA	11	13	11	12	9	11	8	13	78	-11.1	-27.3	-38.5
MAINE	4	4	4	4	4	4	3	4	78	-25.0	-25.0	-25.0
MARYLAND	17	18	18	12	8	15	7	18	78	-12.5	-53.3	-61.1
MASSACHUSETTS 2/	6	7	6	5	4	6	4	7	78	0.0	-33.3	-42.9
MICHIGAN	7	8	6	6	4	6	2	8	78	-50.0	-65.7	-75.0
MINNESOTA 2/	5	6	6	4	3	5	2	6	78	-33.3	-60.0	-66.7
MISSISSIPPI	4/	4/	4/	4/	4/	4/	4/	4/	76	0.0	0.0	0.0
MISSOURI	2	2	2	2	1	2	1	2	77	0.0	-50.0	-50.0
MONTANA	1	1	1	1	1	1	1	1	78	0.0	0.0	0.0
NEBRASKA	1	1	1	1	1	1	1	1	78	0.0	0.0	0.0
NEVADA	5	7	6	6	5	6	5	7	78	0.0	-16.7	-28.6
NEW HAMPSHIRE 2/	1	1	1	1	1	1	1	1	78	0.0	0.0	0.0
NEW JERSEY 2/	1	1	1	1	1	1	1	1	78	0.0	0.0	0.0
NEW MEXICO	3	4	4	3	3	3	2	4	79	-33.3	-33.3	-50.0
NEW YORK EASTERN	5	5	4	4	4	4	3	5	77	-25.0	-25.0	-40.0
NEW YORK WESTERN	2	3	3	3	3	3	4	4	82	33.3	33.3	0.0
NEW YORK METROPOLITAN 2/	22	23	17	18	16	19	15	23	78	-6.3	-21.1	-34.8
NORTH CAROLINA	1	1	1	1	1	1	1	1	78	0.0	0.0	0.0
NORTH DAKOTA 2/	24	27	22	18	13	21	11	27	78	-15.4	-47.6	-59.3
OHIO	6	7	6	5	5	6	5	7	78	0.0	-16.7	-28.6
OKLAHOMA												

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

STATE	1977	1978	1979	1980	1981	5-YEAR AVERAGE	1982	RECORD HIGH-		--PERCENT CHANGE FROM--		
								QTY.	YR	1981	5-YEAR AVE	---CURRENT YEAR TO--- RECORD YEAR
OREGON	4/	4/	4/	4/	4/		4/	4/	79	0.0	0.0	0.0
PENNSYLVANIA EASTERN	8	8	7	6	5		5	8	78	0.0	-28.6	-37.5
PENNSYLVANIA WESTERN	11	12	10	8	7	7	7	12	78	0.0	-30.0	-41.7
RHODE ISLAND 2/	1	1	1	4/	4/	1	4/	1	78	0.0	-100.0	-100.0
SOUTH CAROLINA	12	12	9	9	8	10	7	12	78	-12.5	-30.0	-41.7
SOUTH DAKOTA	1	1	1	1	4/	1	4/	1	77	0.0	-100.0	-100.0
TENNESSEE	17	20	16	12	10	15	5	20	78	-50.0	-56.7	-75.0
TEXAS	21	24	20	18	17	20	22	24	78	29.4	10.0	-8.3
UTAH	4/	4/	4/	4/	4/		4/	4/	79	0.0	0.0	0.0
VERMONT 2/	1	1	1	1	1		1	1	77	0.0	0.0	0.0
VIRGINIA	20	21	16	16	12	17	11	21	78	-8.3	-35.3	-47.6
WASHINGTON	1	1	1	1	1	3	1	1	80	0.0	0.0	0.0
WEST VIRGINIA	6	7	5	5	4	5	3	7	78	-25.0	-40.0	-57.1
WISCONSIN	8	8	7	5	4	6	4	8	77	0.0	-33.3	-50.0
WYOMING	1	4/	4/	4/	4/	4/	4/	1	76	0.0	0.0	-100.0
PUERTO RICO	3/	3/	3/	3/	3/	3/	3/	3/	3/	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	8	9	9	12	7	9	5	9	78	-28.6	-44.4	-44.4
UNDISTRIBUTED 5/	361	398	336	304	253	330	226	398	78	-10.7	-31.5	-43.2
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
AUGUST 1982 BY COUNTRY AND CUSTOMS DISTRICT 3/
(SHORT TONS)

CUSTOMS DISTRICT	---AUSTRALIA--	---BAHAMAS--	BELGIUM, -LUXEMBOURG-	---CANADA---	-----CHINA----	---COLOMBIA--	----DENMARK--	DOMINICAN --REPUBLIC--
ANCHORAGE, ALASKA-----				1,090				
BRIDGEPORT, CONN.-----				61,829				
BUFFALO, N.Y.-----				52,064				
CLEVELAND, OHIO-----				11,084				
DETROIT, MICH.-----				1,394				
DULUTH, MINN.-----								
EL PASO, TEX.-----								
GREAT FALLS, MONT.-----								
LAREDO, TEX.-----								
LOS ANGELES, CALIF.-----								
MIAMI, FLA.-----	31,846		1,656	21,292				
MILWAUKEE, WIS.-----								
NEW YORK CITY, N.Y.-----								
NOGALES, ARIZ.-----								
NORFOLK, VA.-----								
OGDENSBURG, N.Y.-----				19,704				
PEMBINA, N. DAK.-----				10,943				
PORTLAND, MAINE-----				1,176				
SAN DIEGO, CALIF.-----								
SAN FRANCISCO, CALIF.-----				2,271				
SAN JUAN, P.R.-----				12,139				
SEATTLE, WASH.-----				50,152				
ST. ALBANS, VT.-----								
TAMPA, FLA.-----								
VIRGIN ISLANDS OF U.S.-----								516
AUGUST:								
QUANTITY 4/-----	31,846		1,656	245,138				516
VALUE 5/-----	W		\$196,856	\$9,716,223				\$42,499
YEAR-TO-DATE:								
QUANTITY 4/-----	73,639	56,988	7,218	1,159,619	32	656	30,374	1,622
VALUE 5/-----	W	\$2,666,414	\$964,921	\$45,807,949	\$7,830	\$73,563	\$1,301,265	\$233,310

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

CUSTOMS DISTRICT	FRANCE---	FRENCH --WEST INDIES	GERMANY ----WEST----	JAPAN----	MEXICO----	SPAIN----	UNITED ---KINGDOM--	YUGOSLAVIA--
ANCHORAGE, ALASKA-----								
BRIEGEPORT, CONN.-----								
BUFFALO, N.Y.-----								
CLEVELAND, OHIO-----								
DETROIT, MICH.-----								
DULUTH, MINN.-----								
EL PASO, TEX.-----					97			
GREAT FALLS, MONT.-----								
LAREDO, TEX.-----					7,374			
LOS ANGELES, CALIF.-----								
MIAMI, FLA.-----								
MILWAUKEE, WIS.-----								
NEW YORK CITY, N.Y.-----								
NOGALES, ARIZ.-----								
NORFOLK, VA.-----								
ODGENSBURG, N.Y.-----								
PEMBINA, N. DAK.-----								
PORTLAND, MAINE-----								
SAN DIEGO, CALIF.-----				31,060	731			
SAN FRANCISCO, CALIF.-----								
SAN JUAN, P.R.-----								
SEATTLE, WASH.-----								
ST. ALBANS, VT.-----								
TAMPA, FLA.-----								
VIRGIN ISLANDS OF U.S.-----								
	38,581						36,217	
AUGUST:								
QUANTITY 4/-----	38,581		1	31,060	8,202		36,217	
VALUE 5/-----	W		\$840	\$1,648,354	\$380,904		\$1,823,282	
YEAR-TO-DATE:								
QUANTITY 4/-----	96,862	2,538	40	71,454	53,731		155,292	70
VALUE 5/-----	\$5,134,382	\$217,299	\$20,227	W	\$2,854,298		\$8,008,512	\$53,882
								1,525
								\$102,797

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

CUSTOMS DISTRICT	-----T O T A L 4/----- -----AUGUST----- --TO DATE--	
ANCHORAGE, ALASKA-----	1,090	11,538
BRIDGEPORT, CONN.-----		103
BUFFALO, N.Y.-----	61,829	349,126
CLEVELAND, OHIO-----		
DETROIT, MICH.-----	52,064	140,348
DULUTH, MINN.-----	11,084	35,172
EL PASO, TEX.-----	97	863
GREAT FALLS, MONT.-----	1,394	3,459
LAREDO, TEX.-----	7,374	51,659
LOS ANGELES, CALIF.-----	31,846	75,393
MIAMI, FLA.-----	1,656	176,980
MILWAUKEE, WIS.-----	21,292	21,318
NEW YORK CITY, N.Y.-----		3
NOGALES, ARIZ.-----		80
NORFOLK, VA.-----	1	23,771
OGDENSBURG, N.Y.-----	19,704	67,310
PERRINA, N. DAK.-----	10,943	32,534
PORTLAND, MAINE-----	1,176	5,657
SAN DIEGO, CALIF.-----	31,791	54,979
SAN FRANCISCO, CALIF.-----		17,636
SAN JUAN, P.R.-----	2,271	10,678
SEATTLE, WASH.-----	12,139	39,511
ST. ALBANS, VT.-----	50,152	273,635
TAMPA, FLA.-----	74,798	316,747
VIRGIN ISLANDS OF U.S.-----	516	4,160

AUGUST:
QUANTITY 4/----- 393,217
VALUE 5/----- \$17,104,733

YEAR-TO-DATE:
QUANTITY 4/----- 1,712,660
VALUE 5/----- \$75,084,655

- 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).

W WITHHELD TO AVOID DISCLOSING COMPANY PROPRIETARY DATA.

SOURCE: U.S. BUREAU OF THE CENSUS.

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

CUSTOMS DISTRICT	BELGIUM, -LUXEMBOURG-	---CANADA---	---COLOMBIA--	---DENMARK--	DOMINICAN --REPUBLIC--	FRENCH --WEST INDIES	----SPAIN----
BUFFALO, N.Y.-----		1,396					
CLEVELAND, OHIO-----		4,319					
DETROIT, MICH.-----							
LAREDO, TEX.-----							
MIAMI, FLA.-----	1,656						
PERBINA, N. DAK.-----		2					
SAN JUAN, P.R.-----		2,271					
SEATTLE, WASH.-----		845					
ST. ALBANS, VT.-----							
TAMPA, FLA.-----							5,860
VIRGIN ISLANDS OF U.S.-----							
AUGUST:							
QUANTITY 3/-	1,656	8,833					5,860
VALUE 4/-	\$196,056	\$1,301,941					\$637,937
YEAR-TO-DATE:							
QUANTITY 3/-	7,215	30,837	656	219	241	2,303	12
VALUE 4/-	\$964,583	\$4,442,891	\$73,563	\$25,549	\$96,426	\$203,849	\$1,874
							\$2,266,132

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

CUSTOMS DISTRICT	UNITED ---KINGDOM---	-----T O T A L 3/----- -----AUGUST-----TO DATE--
RUFFALO, N.Y.-----	1,396	5,867
CLEVELAND, OHIO-----	4,319	19,655
DETROIT, MICH.-----		12
LAREDO, TEX.-----	1,656	3,726
MIAMI, FLA.-----	2	2
PEMBINA, N. DAK.-----	2,271	10,678
SAN JUAN, P.R.-----	845	859
SEATTLE, WASH.-----		155
ST. ALBANS, VT.-----	5,860	18,616
TAMPA, FLA.-----		2,544
VIRGIN ISLANDS OF U.S.-----		

AUGUST:
QUANTITY 3/-----16,349
VALUE 4/-----\$2,135,934

YEAR-TO-DATE:
QUANTITY 3/-----70
VALUE 4/-----\$53,882
62,114
\$8,128,749

- 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, September 1982
(Short tons and thousand dollars ^{1/})

Country of origin	Hydraulic cement, NSPF		White cement		Clinker	
	Quantity	Value	Quantity	Value	Quantity	Value
Australia	18,341	W	--	--	--	--
Belgium	--	--	646	95	--	--
Canada	257,940	9,443	4,447	733	61,350	W
Denmark	--	--	551	62	--	--
France	--	--	--	--	33,418	W
Germany, Federal Republic of	2	2	--	--	--	--
Japan	15,772	W	39	7	--	--
Korea, Republic of	18,739	757	--	--	--	--
Mexico	11,932	423	24	4	--	--
Spain	29,076	993	--	--	--	--
Taiwan	--	--	11	1	--	--
Total	351,802	13,363	2/5,717	902	94,768	3,344

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 1/ 2/	Produc- tion 1/	Imports 3/	Exports	Invento- ries 4/	
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	62.42
Jun	6,895	NA	319	21	NA	62.42
Jul	6,722	NA	242	17	NA	62.42
Aug	6,999	NA	393	18	NA	62.07
Sep	6,873	NA	452	17	NA	62.07

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.