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MINERAL INDUSTRY SURVEYS

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



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Cement, Monthly

CEMENT IN OCTOBER 1981

Producers in the United States and Puerto Rico shipped 6.82 million short tons of portland cement in October, according to the Bureau of Mines, U.S. Department of the Interior. Cumulative shipments through October of 61.9 million tons were 4% less than cumulative shipments through October 1980, and 19% below the 1973 record for the same period.

The leading portland cement producing States (Texas, California, Pennsylvania, Michigan, and Missouri) shipped 42% of the October total. Texas, California, Florida, Illinois, and Ohio, the leading consuming States, received 34% of total shipments.

Masonry cement shipments of 247,000 tons in October were 24% below shipments in October 1980. The leading producing States (Pennsylvania, Florida, Indiana, Michigan, and Texas) shipped 45% of the total and the leading consuming States (Florida, Texas, North Carolina, Georgia, and Ohio) received 35% of total shipments. Cumulative shipments through October of 2.41 million tons were 7% less than cumulative shipments through October 1980, and 32% below the record high shipments through October 1973.

Imports of hydraulic cement and clinker were 391,000 tons in October, or less than 1% above imports in October 1980. The principal import sources were Canada (65%), Australia (11%), France (9%), and Spain (9%). Cumulative imports through October, 3.41 million tons, were 24% below cumulative imports through October 1980. Because complete import data were not available for this report, table 5 gives a short summary of October imports. Detailed tables of October imports will appear in a subsequent Mineral Industry Surveys.

TABLE 1. - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF OCTOBER, 1981 1/

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	OCTOBER	YEAR TO DATE	OCTOBER	YEAR TO DATE
NEW YORK, MAINE	384,183	3,210,153	8,613	71,188
PENNSYLVANIA EASTERN	391,170	3,292,452	19,709	183,106
PENNSYLVANIA WESTERN	138,800	1,054,455	9,318	79,937
MARYLAND, WEST VIRGINIA	179,073	1,628,804	8,978	89,125
OHIO	162,204	1,271,292	10,137	93,567
MICHIGAN	464,843	3,457,043	17,832	150,600
INDIANA	125,316	1,284,865	22,775	215,230
ILLINOIS	271,316	1,380,666	1,939	15,359
TENNESSEE	98,141	887,093	6,139	63,930
KENTUCKY, NORTH CAROLINA, VIRGINIA	146,867	1,346,518	16,014	149,440
SOUTH CAROLINA	156,824	1,553,545	15,811	169,673
FLORIDA	291,876	2,966,949	23,401	248,458
GEORGIA	91,655	1,011,904	7,668	76,979
ALABAMA	195,732	1,974,865	16,898	177,917
LOUISIANA, MISSISSIPPI	110,427	1,110,558	2,625	27,716
NEBRASKA, WISCONSIN	84,504	656,338	988	9,634
SOUTH DAKOTA	52,477	393,443	526	4,920
IOWA	224,218	1,595,764	3,858	36,444
MISSOURI	403,996	3,319,335	8,377	80,205
KANSAS	185,077	1,464,763	4,713	43,440
OKLAHOMA, ARKANSAS	216,022	2,320,669	8,376	85,834
TEXAS	789,398	8,565,350	17,342	191,789
WYOMING, MONTANA, IDAHO	113,591	903,846	545	6,547
COLORADO, ARIZONA, UTAH, NEW MEXICO	335,477	2,969,765	9,266	92,137
WASHINGTON	125,042	1,381,886	1,460	12,846
OREGON, NEVADA	86,542	892,866	33	33
CALIFORNIA NORTHERN	208,331	2,184,819		
CALIFORNIA SOUTHERN	491,907	4,742,154		
HAWAII	26,212	263,386	693	8,675
PUERTO RICO	97,067	1,052,480		
U.S. TOTAL.....	6,618,288	60,138,021	244,034	2,384,729
FOREIGN IMPORTS.....3/	199,293	1,801,027	3,459	29,664
TOTAL SHIPMENTS.....	6,817,581	61,939,048	247,493	2,414,393

- 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 OCTOBER, 1981 1/2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS)3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	OCTOBER	YEAR TO DATE	OCTOBER	YEAR TO DATE
ALABAMA	82,490	852,735	6,209	66,348
ALASKA 4/	5/	5/	5/	5/
ARIZONA	124,944	1,302,879	5/	5/
ARKANSAS	57,444	570,386	3,100	33,289
CALIFORNIA NORTHERN	228,164	2,207,812		
CALIFORNIA SOUTHERN	417,347	4,041,510		
COLORADO	161,446	1,278,646	2,546	22,678
CONNECTICUT 4/	59,587	521,530	1,528	13,730
DELAWARE 4/	14,633	103,605	623	5,558
DISTRICT OF COLUMBIA 4/	11,885	96,796	254	1,920
FLORIDA	428,345	4,534,332	30,390	335,141
GEORGIA	166,099	1,657,577	12,884	131,898
HAWAII	26,212	263,513	693	8,675
IDAH0	30,049	276,983	166	1,386
ILLINOIS	305,632	1,990,983	6,745	61,364
INDIANA	126,383	1,005,035	6,844	60,688
IOWA	145,949	1,052,403	1,392	14,717
KANSAS	102,180	929,459	2,080	18,124
KENTUCKY	94,429	793,186	7,965	65,923
LOUISIANA	231,471	2,198,191	6,027	59,981
MAINE	27,734	197,307	1,036	8,117
MARYLAND	108,477	999,047	9,096	85,008
MASSACHUSETTS 4/	102,044	847,859	3,813	31,735
MICHIGAN	206,229	1,509,861	8,279	76,354
MINNESOTA 4/	152,886	1,089,780	4,012	33,297
MISSISSIPPI	78,055	736,933	4,830	44,468
MISSOURI	147,319	1,278,447	2,896	30,832
MONTANA	32,304	259,657	192	1,509
NEBRASKA	76,717	585,832	1,117	10,616
NEVADA	42,724	514,607		
NEW HAMPSHIRE 4/	30,213	203,256	1,129	9,037
NEW JERSEY 4/	129,679	1,079,994	5,501	50,399
NEW MEXICO	59,843	552,648	1,003	9,318
NEW YORK EASTERN	60,009	459,724	2,385	21,054
NEW YORK WESTERN	81,746	721,785	3,718	30,044
NEW YORK METROPOLITAN 4/	107,146	888,880	3,725	30,811
NORTH CAROLINA	133,787	1,273,274	15,361	151,443
NORTH DAKOTA 4/	38,679	262,557	690	5,467
OHIO	267,939	2,034,247	12,197	110,186
OKLAHOMA	143,498	1,520,495	4,326	45,958
OREGON	62,598	556,698	80	796
PENNSYLVANIA EASTERN	150,889	1,265,423	5,082	43,997
PENNSYLVANIA WESTERN	94,118	720,653	6,592	57,101
PUERTO RICO	92,589	986,052		
RHODE ISLAND 4/	12,262	99,293	417	3,222
SOUTH CAROLINA	78,097	791,962	7,217	78,097
SOUTH DAKOTA	24,495	214,456	400	3,796
TENNESSEE	114,715	1,040,219	9,729	91,275
TEXAS	703,773	7,685,649	15,971	180,483
UTAH	72,914	602,703	147	1,314
VERMONT 4/	14,532	110,763	598	4,275
VIRGINIA	141,523	1,334,090	11,409	115,409
WASHINGTON	100,217	1,140,764	552	7,513
WEST VIRGINIA	56,955	418,651	3,524	30,648
WISCONSIN	152,543	1,187,975	4,028	36,218
WYOMING	53,792	431,580	248	2,289
U.S. POSS. AND TERR.	5/	5/	5/	5/
FOREIGN COUNTRIES 6/	49,938	663,376	6,747	70,887
TOTAL SHIPMENTS.....	6,817,581	61,939,048	247,493	2,414,393

- 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 (1976-1981) FOR MONTH OF OCTOBER 1 / 2 / PAGE

STATE	1976	1977	1978	1979	1980	5-YEAR AVERAGE	1981	RECORD HIGH-		-PERCENT CHANGE FROM--		
								QTY.	YR	1980	5-YEAR AVE	---CURRENT YEAR TO--- RECORD YEAR
ALABAMA	184	132	149	181	111	131	82	149	78	-26.1	-37.4	-45.0
ALASKA 3/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	97	133	135	150	139	131	125	150	79	-10.1	-4.6	-16.7
ARKANSAS	89	111	99	115	83	99	57	115	79	-31.3	-42.4	-50.4
CALIFORNIA NORTHERN	285	290	374	387	304	328	228	387	79	-25.0	-30.5	-41.1
CALIFORNIA SOUTHERN	398	465	534	551	522	494	417	551	79	-20.1	-15.6	-24.3
COLORADO	116	134	147	164	155	143	161	164	79	3.9	12.6	-1.8
CONNECTICUT 3/	58	66	100	80	68	74	60	100	78	-11.8	-18.9	-40.0
DELAWARE 3/	14	14	17	16	14	15	15	17	78	7.1	0.0	-11.8
DISTRICT OF COLUMBIA 3/	13	11	16	10	13	13	12	26	75	-7.7	-7.7	-53.8
FLORIDA	291	360	446	467	513	415	428	513	80	-16.6	3.1	-16.6
GEORGIA	148	200	219	241	193	200	166	241	79	-14.0	-17.0	-31.1
HAWAII	28	17	35	37	29	28	30	37	79	-10.3	-10.3	-29.7
IDAHO	46	51	46	47	52	48	30	52	80	-42.3	-37.5	-42.3
ILLINOIS	422	436	402	427	339	405	306	472	75	-9.7	-24.4	-35.2
INDIANA	175	201	213	213	163	193	126	213	79	-22.7	-34.7	-40.8
IOWA	212	226	237	228	160	213	146	249	75	-8.8	-31.5	-41.4
KANSAS	110	123	143	144	129	130	102	144	79	-20.9	-21.5	-29.2
KENTUCKY	105	133	134	152	117	128	94	152	79	-19.7	-26.6	-38.2
LOUISIANA	235	255	284	271	253	260	231	284	78	-8.7	-11.2	-18.7
MAINE	83	29	31	28	27	30	28	35	75	3.7	-6.7	-20.0
MARYLAND	100	123	158	135	136	130	108	158	78	-20.6	-16.9	-31.6
MASSACHUSETTS 3/	80	91	116	108	106	100	102	116	78	-3.8	2.0	-12.1
MICHIGAN	326	340	344	372	281	333	206	372	79	-26.7	-38.1	-44.6
MINNESOTA 3/	205	195	216	228	197	208	153	228	79	-22.3	-26.4	-32.9
MISSISSIPPI	85	103	107	109	91	99	78	109	79	-14.3	-21.2	-28.4
MISSOURI	156	193	257	212	164	196	147	257	78	-10.4	-25.0	-42.8
MONTANA	36	41	43	41	34	39	32	43	78	-5.9	-17.9	-25.6
NEBRASKA	117	122	125	145	98	121	77	145	79	-21.4	-36.4	-46.9
NEVADA	33	47	65	56	52	51	43	65	78	-17.3	-15.7	-33.8
NEW HAMPSHIRE 3/	28	29	37	33	27	31	30	37	78	11.1	-3.2	-18.9
NEW JERSEY 3/	123	131	199	177	164	159	130	199	78	-28.7	-18.2	-34.7
NEW MEXICO	50	55	55	58	60	56	60	60	80	0.0	7.1	0.0
NEW YORK EASTERN	53	54	93	84	71	71	60	93	78	-15.5	-15.5	-35.5
NEW YORK WESTERN	89	99	102	100	101	98	82	116	75	-18.8	-16.3	-29.3
NEW YORK METROPOLITAN 3/	78	98	95	100	98	94	107	107	81	9.2	13.8	0.0
NORTH CAROLINA	125	140	189	171	141	153	134	189	78	-5.0	-12.4	-29.1
NORTH DAKOTA 3/	42	47	31	47	31	40	39	47	77	25.8	-2.5	-17.0
OHIO	303	390	400	373	329	359	268	400	78	-18.5	-25.3	-33.0
OKLAHOMA	112	166	169	178	166	158	143	178	79	-13.9	-9.5	-19.7

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1976-1981) FOR MONTH OF OCTOBER 1/ 2/ PAGE
IN THOUSAND SHORT TONS

STATE	1976	1977	1978	1979	1980	5-YEAR AVERAGE	1981	RECORD HIGH- QTY.	YR	--PERCENT CHANGE FROM-- ---CURRENT YEAR TO---		
										1980	5-YEAR AVE	RECORD YEAR
OREGON	75	86	101	101	92	91	63	101	79	-31.5	-30.8	-37.6
PENNSYLVANIA EASTERN	158	187	209	185	172	182	151	229	75	-12.2	-17.0	-34.1
PENNSYLVANIA WESTERN	107	111	136	116	108	116	94	136	78	-13.0	-19.0	-30.9
RHODE ISLAND 3/	18	14	19	15	15	16	12	19	78	-20.0	-25.0	-36.8
SOUTH CAROLINA	66	74	97	103	79	84	78	103	79	-1.3	-7.1	-24.3
SOUTH DAKOTA	42	52	51	66	28	48	24	66	79	-14.3	-50.0	-63.6
TENNESSEE	120	151	188	173	159	158	115	188	78	-27.7	-27.2	-38.8
TEXAS	521	730	810	955	827	769	704	955	79	-14.9	-8.5	-26.3
UTAH	100	92	91	95	91	94	73	100	76	-19.8	-22.3	-27.0
VERMONT 3/	8	16	18	17	18	15	15	18	80	-16.7	0.0	-16.7
VIRGINIA	128	151	210	203	191	177	142	210	78	-25.7	-19.8	-32.4
WASHINGTON	123	131	163	214	148	156	100	214	79	-32.4	-35.9	-53.3
WEST VIRGINIA	58	56	72	66	78	66	57	78	80	-26.9	-13.6	-26.9
WISCONSIN	181	228	220	228	206	213	153	228	77	-25.7	-28.2	-32.9
WYOMING	83	38	33	51	51	41	54	54	81	5.9	31.7	0.0
PUERTO RICO	106	117	109	101	119	110	93	187	75	-21.8	-15.5	-32.1
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/	43	35	24	29	41	34	50	61	75	22.0	47.1	-18.0
TOTAL	7037	8120	9113	9304	8154	8346	6817	9446	73	-16.4	-18.3	-27.8

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 (1976-1981) FOR MONTH OF OCTOBER 1/ PAGE

STATE	1976	1977	1978	1979	1980	5-YEAR AVERAGE	1981	QTY.	RECORD HIGH- YR	-PERCENT CHANGE FROM--		
										1980	5-YEAR AVE	RECORD YEAR
ALABAMA	11	13	14	12	9	12	6	14	78	-33.3	-50.0	-57.1
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	6	7	7	7	5	6	3	7	77	-40.0	-50.0	-57.1
CALIFORNIA NORTHERN				1		4/		1	79	0.0	0.0	-100.0
CALIFORNIA SOUTHERN				4	3	4/	3	1	78	0.0	0.0	-100.0
COLORADO	3	4	4	2	2	4		4	78	0.0	-25.0	-25.0
CONNECTICUT 2/	1	1	1	1	1	1	2	2	78	0.0	0.0	0.0
DELAWARE 2/	1	1	1	1	1	1	1	1	78	0.0	0.0	0.0
DISTRICT OF COLUMBIA 2/	1	1	1	4/	4/	1	4/	1	77	0.0	-100.0	-100.0
FLORIDA	19	28	35	29	37	32	30	39	79	-18.9	-6.3	-23.1
GEORGIA	14	17	20	19	16	17	13	20	78	-18.8	-23.5	-35.0
HAWAII	1	1	1	1	1	1	1	1	75	0.0	0.0	0.0
IDAHO	4/	4/	4/	4/	4/	4/	4/	2	75	0.0	0.0	-100.0
ILLINOIS	12	14	16	15	10	13	7	16	78	-30.0	-46.2	-56.3
INDIANA	11	13	14	13	10	12	7	14	78	-30.0	-41.7	-50.0
IOWA	3	3	3	3	2	3	1	4	75	-50.0	-66.7	-75.0
KANSAS	3	3	4	3	2	3	2	4	78	0.0	-33.3	-50.0
KENTUCKY	10	14	15	13	10	12	8	15	78	-20.0	-33.3	-46.7
LOUISIANA	7	9	11	9	6	8	6	11	78	0.0	-25.0	-45.5
MAINE	1	1	1	1	1	1	1	1	79	0.0	0.0	0.0
MARYLAND	8	11	13	11	13	11	9	13	78	-30.8	-18.2	-30.8
MASSACHUSETTS 2/	3	4	4	5	4	4	4	5	79	0.0	0.0	-20.0
MICHIGAN	14	18	19	18	13	16	8	19	78	-38.5	-50.0	-57.9
MINNESOTA 2/	5	6	7	6	5	6	4	7	78	-20.0	-33.3	-42.9
MISSISSIPPI	6	7	8	9	7	7	5	9	79	-28.6	-28.6	-44.4
MISSOURI	5	6	7	5	4	5	3	7	78	-25.0	-40.0	-57.1
MONTANA	4/	4/	4/	4/	4/	4/	4/	4/	77	0.0	0.0	0.0
NEBRASKA	2	2	2	2	2	2	1	2	78	-50.0	-50.0	-50.0
NEVADA	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
NEW HAMPSHIRE 2/	1	1	1	1	1	1	1	1	76	0.0	0.0	0.0
NEW JERSEY 2/	5	5	8	7	7	6	6	8	78	-14.3	0.0	-25.0
NEW MEXICO	1	1	1	1	1	1	1	1	75	0.0	0.0	0.0
NEW YORK EASTERN	3	3	3	3	3	3	2	3	79	-33.3	-33.3	-33.3
NEW YORK WESTERN	4	5	5	5	4	5	4	5	77	0.0	-20.0	-20.0
NEW YORK METROPOLITAN 2/	3	2	4	4	4	3	4	4	80	0.0	33.3	0.0
NORTH CAROLINA	18	22	28	23	18	22	15	28	78	-16.7	-31.8	-46.4
NORTH DAKOTA 2/	1	1	1	1	1	1	1	1	77	0.0	0.0	0.0
OHIO	18	25	24	22	19	22	12	25	77	-36.8	-45.5	-52.0
OKLAHOMA	5	7	7	7	6	6	4	7	78	-33.3	-33.3	-42.9

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1976-1981) FOR MONTH OF OCTOBER 1/ PAGE
IN THOUSAND SHORT TONS

STATE	1976	1977	1978	1979	1980	5-YEAR AVERAGE	1981	RECORD HIGH-		1980	-PERCENT CHANGE FROM--	
								QTY.	YR		---CURRENT YEAR TO----	RECORD YEAR
OREGON	4/	4/	4/	4/	4/		4/	4/	79	0.0	0.0	0.0
PENNSYLVANIA EASTERN	6	7	8	7	7		5	8	78	-28.6	-28.6	-37.5
PENNSYLVANIA WESTERN	9	10	11	10	8	7	7	11	78	-12.5	-30.0	-36.4
RHODE ISLAND 2/	1	1	1	1	1	1	4/	4/	1	-100.0	-100.0	-100.0
SOUTH CAROLINA	11	13	13	13	10	12	7	13	78	-30.0	-41.7	-46.2
SOUTH DAKOTA	1	1	1	1	4/	1	4/	1	78	0.0	-100.0	-100.0
TENNESSEE	16	19	23	19	15	18	10	23	78	-33.3	-44.4	-56.5
TEXAS	16	21	26	26	20	22	16	26	79	-20.0	-27.3	-38.5
UTAH	4/	4/	4/	4/	4/		4/	4/	77	0.0	0.0	0.0
VERMONT 2/	1	1	1	1	1	1	1	1	75	0.0	0.0	0.0
VIRGINIA	14	18	23	18	16	18	11	23	78	-31.3	-38.9	-52.2
WASHINGTON	1	1	1	1	1	1	1	1	80	0.0	0.0	0.0
WEST VIRGINIA	4	6	7	5	5	5	4	7	78	-20.0	-20.0	-42.9
WISCONSIN	7	8	8	7	6	7	4	8	78	-33.3	-42.9	-50.0
WYOMING	4/	4/	4/	4/	4/		4/	4/	77	0.0	0.0	0.0
PUERTO RICO									00	0.0	0.0	0.0
U.S. POSS. AND TERR.	8/	8/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
FOREIGN COUNTRIES	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
UNDISTRIBUTED 5/	5	9	9	9	6	8	7	9	78	16.7	-12.5	-22.2
TOTAL	298	371	424	391	323	361	248	424	78	-23.2	-31.3	-41.5

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.--Summary of cement and clinker imported for consumption
in the United States and Puerto Rico, October 1981

(Short tons and thousand dollars 1/)

Country of origin	Hydraulic cement		Clinker		White cement	
	Quantity	Value	Quantity	Value	Quantity	Value
Australia -----	--	--	41,796	1,993	--	--
Belgium-----	--	--	--	--	983	150
Canada-----	183,991	7,254	65,675	2,363	4,049	497
Dominican Republic-----	--	--	--	--	329	28
France-----	21	8	34,553	W	--	--
French West Indies-----	--	--	--	--	1,177	103
Mexico-----	7,565	444	--	--	--	--
Japan-----	--	--	17,637	714	--	--
Spain-----	--	--	33,622	W	--	--
Yugoslavia-----	--	--	66	24	--	--
Total 2/-----	191,576	7,706	193,349	7,735	6,538	778

W Withheld to avoid disclosing company proprietary data.

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

2/ Data may not add to totals shown because of independent rounding.

SOURCE: U.S. Bureau of the Census

Table 6.--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
Jan	4,319	NA	421	8	NA	57.73
Feb	4,325	NA	459	9	NA	57.78
Mar	5,097	NA	465	11	NA	58.17
Apr	6,476	NA	442	14	NA	58.34
May	7,100	NA	546	12	NA	58.67
Jun	7,679	NA	514	21	NA	58.96
Jul	7,779	NA	479	18	NA	59.20
Aug	7,740	NA	523	17	NA	59.20
Sep	7,915	NA	265	16	NA	59.20
Oct	8,467	NA	389	20	NA	58.86
Nov	6,224	NA	426	14	NA	58.50
Dec	5,547	NA	333	28	NA	58.09
1981:						
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	^{e/} 61.00

^{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.

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, 14% higher in 1980.