



MINERAL INDUSTRY SURVEYS

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



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Cement Monthly

CEMENT IN NOVEMBER 1987

Portland cement shipments in the United States and Puerto Rico were 7.20 million short tons in November, according to the Bureau of Mines, U.S. Department of the Interior. This was 9% above shipments in November 1986. Cumulative shipments through November 1987, 84.5 million tons, were 2% above cumulative shipments through November 1986.

The leading portland cement producing States (California, Pennsylvania, Texas, Michigan, and Missouri) shipped 37% of the November total. California, Texas, Florida, Illinois, and Pennsylvania, the leading consuming states, received 37% of total shipments.

Masonry cement shipments of 294,000 tons in November were 11% above shipments in November, 1986. The leading producing States or districts (Florida, Indiana, Pennsylvania, Kentucky-Virginia-West Virginia, and Alabama) shipped 50% of the total and leading consuming States (Florida, North Carolina, Georgia, Ohio, and Virginia) received 39% of total shipments. Cumulative shipments through November 1987, 3.6 million tons, were 5% more than cumulative shipments through November 1986.

Tables 5, 6, and 7 contain October import data as reported by the Bureau of the Census which were not available for publication in the October report. October imports of 1.6 million tons were 25% above imports in October 1986. Cumulative imports through October of 15.1 million tons, were 11% above cumulative imports through October 1986.

TABLE 14 - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF NOVEMBER, 1987 1/

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS) 2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	NOVEMBER	YEAR TO DATE	NOVEMBER	YEAR TO DATE
NEW YORK, MAINE	301,903	3,447,1438	9,654	108,945
PENNSYLVANIA EASTERN	382,518	4,429,861	21,891	288,513
PENNSYLVANIA WESTERN	362,667	1,493,310	10,059	92,510
MARYLAND	148,759	1,624,343	5,103	86,635
OHIO	145,296	1,639,602	15,032	132,986
MICHIGAN	456,842	4,775,068	16,848	254,383
INDIANA	201,565	2,329,103	32,696	396,535
ILLINOIS	161,310	1,707,231	3/	3/
GEORGIA, TENNESSEE	392,850	2,100,273	18,842	215,557
SOUTH CAROLINA	210,409	2,361,597	3/	3/
KENTUCKY, VIRGINIA, WEST VIRGINIA	191,224	2,285,186	23,706	307,602
FLORIDA	277,468	3,103,953	36,865	417,747
NEBRASKA, WISCONSIN	56,654	696,394	616	7,827
ALABAMA	266,930	3,219,129	21,227	248,623
ARKANSAS, LOUISIANA, MISSISSIPPI	136,900	1,403,348	5,186	66,259
UTAH	75,391	1,015,103	83	991
SOUTH DAKOTA	38,332	500,602	285	4,048
IOWA	178,496	2,235,913	3,760	48,301
MISSOURI	350,621	4,519,129	12,922	167,216
KANSAS	130,013	1,602,531	4,085	49,135
OKLAHOMA	110,541	1,465,565	2,762	42,113
TEXAS NORTHERN	272,035	3,646,470	8,447	114,448
TEXAS SOUTHERN	228,039	3,252,397	1,813	30,202
IDAHO, MONTANA	51,393	640,670	239	3,519
COLORADO, WYOMING	68,127	1,182,720	3/	3/
ALASKA, OREGON	45,621	635,202	267	267
ARIZONA, NEVADA, NEW MEXICO	156,837	1,873,167	6,730	75,937
CALIFORNIA NORTHERN	260,632	2,676,149	3/	3,327
CALIFORNIA SOUTHERN	525,042	6,582,280	3/	3/
HAWAII	24,025	295,126	765	9,046
WASHINGTON	83,497	871,935	406	6,615
PUERTO RICO	308,860	1,197,391		
U.S. TOTAL.....	5,995,797	70,832,186	281,181	3,463,011
FOREIGN IMPORTS.....4/	1,203,723	13,683,674	12,386	118,601
TOTAL SHIPMENTS.....	7,199,520	84,515,860	293,567	3,581,612

- 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 NOVEMBER ,1987 1/,2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS)3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	NOVEMBER	YEAR TO DATE	NOVEMBER	YEAR TO DATE
ALABAMA	114,545	1,294,259	10,247	127,416
ALASKA	3,802	90,896	5/	5/
ARIZONA	188,629	2,121,795	5/	5/
ARKANSAS	51,047	717,837	2,791	40,388
CALIFORNIA NORTHERN	309,408	3,392,145	5/	5/
CALIFORNIA SOUTHERN	611,965	7,512,045	5/	5/
COLORADO	83,091	1,060,995	972	15,284
CONNECTICUT 4/	90,016	949,896	1,937	22,535
DELAWARE 4/	22,575	233,506	1,178	13,645
DISTRICT OF COLUMBIA 4/	14,283	132,585	42	711
FLORIDA	526,103	6,230,822	42,876	480,665
GEORGIA	260,116	3,094,280	18,467	231,214
HAWAII	24,025	300,643	765	9,373
IDAHO	21,171	234,887	44	440
ILLINOIS	122,506	1,427,305	2,412	27,955
CHICAGO METROPOLITAN 4/	189,243	1,932,020	5,446	62,874
INDIANA	156,802	1,619,547	8,536	97,438
IOWA	109,126	1,137,369	904	11,530
KANSAS	104,761	1,224,721	1,813	22,273
KENTUCKY	87,592	1,130,291	7,099	85,969
LOUISIANA	137,779	1,635,555	3,152	40,378
MAINE	32,330	338,504	1,071	11,444
MARYLAND	134,165	1,524,135	12,097	145,428
MASSACHUSETTS 4/	121,119	1,474,749	3,694	47,166
MICHIGAN	237,749	2,635,074	11,568	139,163
MINNESOTA 4/	114,117	1,513,565	3,401	48,474
MISSISSIPPI	59,558	730,158	4,026	49,094
MISSOURI	159,218	1,994,564	3,520	50,331
MONTANA	10,954	168,505	37	999
NEBRASKA	55,840	679,136	736	9,540
NEVADA	57,733	700,434	37	100
NEW HAMPSHIRE 4/	25,718	324,926	855	13,897
NEW JERSEY 4/	163,476	1,789,169	7,183	82,023
NEW MEXICO	40,922	484,882	330	7,429
NEW YORK EASTERN	64,959	691,792	3,895	42,566
NEW YORK WESTERN	82,762	932,384	4,045	53,987
NEW YORK METROPOLITAN 4/	159,130	1,713,228	4,601	51,741
NORTH CAROLINA 4/	173,838	1,997,123	20,822	265,242
NORTH DAKOTA 4/	22,970	256,035	195	3,758
OHIO	306,136	3,138,221	16,494	178,215
OKLAHOMA	72,956	969,032	2,202	31,742
OREGON	59,464	688,759	25	152
PENNSYLVANIA EASTERN	186,911	1,960,499	6,002	78,563
PENNSYLVANIA WESTERN	123,167	1,321,779	7,399	79,704
PUERTO RICO	103,860	1,197,391		
RHODE ISLAND 4/	16,538	227,402	531	5,836
SOUTH CAROLINA	86,931	1,061,102	11,164	141,489
SOUTH DAKOTA	21,976	264,389	366	4,497
TENNESSEE	138,923	1,737,028	15,111	191,387
TEXAS NORTHERN	259,243	3,532,859	6,364	91,165
TEXAS SOUTHERN	302,157	3,942,846	4,511	61,110
UTAH	54,672	769,777	109	1,192
VERMONT 4/	11,424	163,994	442	5,772
VIRGINIA	206,470	2,388,793	16,252	210,902
WASHINGTON	110,891	1,281,847	400	7,244
WEST VIRGINIA	35,560	433,622	2,125	30,859
WISCONSIN	126,619	1,529,596	3,292	43,695
WYOMING	15,509	307,337	111	938
FOREIGN COUNTRIES 6/	14,970	177,825	9,873	105,480
TOTAL SHIPMENTS.....	7,199,520	84,515,860	293,567	3,581,612

- 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 (1982-1987) FOR MONTH OF NOVEMBER 1/ 2/ PAGE 1
IN THOUSAND SHORT TONS

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH-		1986	-PERCENT CHANGE FROM--	
								QTY.	YR		---CURRENT YEAR TO---	RECORD YEAR
ALABAMA	73	92	100	116	85	93	115	117	78	35.3	23.7	-1.7
ALASKA	47	47	47	47	47	47	47	47	47	47	47	0.0
ARIZONA	97	140	149	150	168	141	189	189	87	12.5	34.0	-32.0
ARKANSAS	41	58	60	56	54	54	51	75	66	-5.6	-5.6	-4.6
CALIFORNIA NORTHERN	142	197	221	277	319	231	309	324	79	-3.1	33.8	-0.3
CALIFORNIA SOUTHERN	280	399	446	479	614	444	612	614	86	-0.3	37.8	-48.1
COLORADO	118	114	160	90	91	115	83	160	84	-8.8	-27.8	-15.1
CONNECTICUT 3/	61	61	77	75	106	76	90	106	86	-15.1	18.4	-53.3
DELAWARE 3/	16	13	16	16	17	16	23	24	73	35.3	43.8	-6.7
DISTRICT OF COLUMBIA 3/	13	7	9	9	15	11	14	30	74	7.6	21.2	0.0
FLORIDA	314	428	479	461	489	434	526	526	87	26.2	22.6	-0.8
GEORGIA	142	207	262	244	206	212	260	262	84	0.0	33.3	-45.5
HAWAII	15	18	12	19	24	18	24	44	69	10.5	16.7	-52.3
IDAHO	19	19	19	14	19	18	21	44	76	14.3	36.8	-14.5
ILLINOIS	186	232	247	204	273	228	312	365	73	31.9	49.5	-7.1
INDIANA	89	107	110	100	119	105	157	169	78	53.5	34.6	-34.7
IOWA	82	91	108	54	71	81	109	167	73	12.9	7.1	-18.0
KANSAS	88	83	128	99	93	98	105	128	84	11.4	14.3	-28.5
KENTUCKY	73	74	82	75	79	77	88	123	68	16.9	-27.7	-38.7
LOUISIANA	182	223	215	215	118	191	138	225	78	-11.1	33.3	-11.1
MAINE	18	19	23	23	36	24	32	36	86	-7.6	9.8	-7.6
MARYLAND	108	110	127	120	145	122	134	145	86	-33.5	-5.5	-33.5
MASSACHUSETTS 3/	106	110	126	118	182	128	121	182	86	0.0	44.2	-13.8
MICHIGAN	101	135	174	179	238	165	238	276	68	34.1	26.7	-24.0
MINNESOTA 3/	72	92	96	105	85	90	114	150	78	42.9	-1.6	-31.8
MISSISSIPPI	50	72	66	74	42	61	60	88	66	6.0	26.2	-9.1
MISSOURI	110	107	155	109	150	126	159	175	73	37.5	-21.4	-57.7
MONTANA	17	18	18	10	8	14	11	26	79	0.0	-11.1	-44.0
NEBRASKA	55	63	100	41	56	63	56	100	84	31.8	48.7	0.0
NEVADA	27	42	42	38	44	39	58	58	87	-42.2	-16.1	-42.2
NEW HAMPSHIRE 3/	24	22	32	33	45	31	26	45	86	6.5	10.9	-14.7
NEW JERSEY 3/	124	134	177	149	153	147	163	191	73	5.1	-14.6	-26.8
NEW MEXICO	42	52	56	49	39	48	41	56	84	-8.5	38.3	-23.5
NEW YORK EASTERN	29	36	48	49	45	47	65	71	73	-17.0	18.6	-17.0
NEW YORK WESTERN	58	57	71	63	100	70	83	100	86	4.6	18.7	-9.1
NEW YORK METROPOLITAN 3/	119	131	136	134	152	134	159	175	73	45.0	27.0	-2.8
NORTH CAROLINA	129	131	158	145	120	137	174	179	73	64.3	21.1	-47.7
NORTH DAKOTA 3/	18	22	20	20	14	19	23	44	71	20.9	49.3	-8.1
OHIO	168	196	214	192	253	205	306	333	73	9.0	-40.7	-56.0
OKLAHOMA	145	166	139	96	67	123	73	166	83			

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1982-1987) FOR MONTH OF NOVEMBER 1/ 2/ PAGE 2
IN THOUSAND SHORT TONS

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH-		-PERCENT CHANGE FROM-- ---CURRENT YEAR TO----		
								QTY.	YR	1986	5-YEAR AVG	RECORD YEAR
OREGON	37	33	39	29	41	36	59	75	79	43.9	63.9	-21.3
PENNSYLVANIA EASTERN	128	136	151	147	181	149	187	188	73	3.3	25.5	-0.5
PENNSYLVANIA WESTERN	59	87	92	80	127	89	123	127	86	-3.1	38.2	-3.1
RHODE ISLAND 3/	13	10	15	15	19	14	17	21	67	-10.5	21.4	-19.0
SOUTH CAROLINA	69	73	85	80	62	74	87	89	73	40.3	17.6	-2.2
SOUTH DAKOTA	14	18	19	10	19	16	22	30	78	15.8	37.5	-26.7
TENNESSEE	81	108	119	139	100	109	139	141	78	39.0	27.5	-1.4
TENNESSEE	693	860	847	777	520	739	561	860	83	7.9	-24.1	-34.8
UTAH	51	65	74	53	57	60	55	82	77	-3.5	-8.3	-32.9
VERMONT 3/	11	11	13	15	18	14	11	18	86	-38.9	-21.4	-38.9
VIRGINIA	122	148	180	162	174	157	206	209	73	18.4	31.2	-1.4
WASHINGTON	70	71	83	48	81	71	111	163	79	37.0	56.3	-31.9
WEST VIRGINIA	39	34	28	25	29	31	36	55	78	24.1	16.1	-34.5
WISCONSIN	77	103	91	77	88	87	127	156	78	44.3	46.0	-18.6
WYOMING	28	21	27	17	14	21	16	40	81	14.3	-23.8	-60.0
PUERTO RICO	77	78	78	78	89	80	104	165	73	16.9	30.0	-37.0
FOREIGN COUNTRIES	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
UNDISTRIBUTED 5/	31	21	25	14	16	21	19	42	73	18.8	-9.5	-54.8
TOTAL	5151	6155	6844	6266	6595	6202	7202	7258	73	9.2	16.1	-0.8

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 (1982-1987) FOR MONTH OF NOVEMBER 1/ PAGE 5
IN THOUSAND SHORT TONS

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH-		1986	5-YEAR AVG	-PERCENT CHANGE FROM--	
								QTY.	YR			---CURRENT YEAR TO----	RECORD YEAR
ALABAMA	6	8	8	9	8	8	10	11	78	25.0	25.0	-9.1	-9.1
ALASKA	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
ARIZONA	2	3	4	3	3	3	3	6	77	0.0	0.0	-50.0	-50.0
ARKANSAS	4/	4/	4/	4/	4/	4/	2	4/	82	0.0	0.0	0.0	0.0
CALIFORNIA NORTHERN	2	2	2	1	1	2	1	2	87	0.0	0.0	0.0	0.0
CALIFORNIA SOUTHERN	1	2	2	1	1	2	2	3	77	0.0	-50.0	-66.7	-66.7
COLORADO	1	1	1	1	1	1	1	1	86	0.0	0.0	0.0	0.0
CONNECTICUT 2/	4/	4/	4/	4/	4/	4/	4/	3	71	0.0	0.0	-100.0	-100.0
DELAWARE 2/	26	36	41	38	40	36	43	43	87	7.5	19.4	0.0	0.0
DISTRICT OF COLUMBIA 2/	12	16	18	18	16	16	18	19	72	12.5	12.5	-5.3	-5.3
FLORIDA	4/	4/	4/	1	1	4/	1	1	73	0.0	0.0	0.0	0.0
GEORGIA	4/	4/	4/	4/	4/	4/	4/	4/	76	0.0	0.0	0.0	0.0
HAWAII	4	6	6	5	6	5	8	12	78	33.3	60.0	-33.3	-33.3
IDAHO	5	7	6	6	8	6	9	11	77	12.5	50.0	-18.2	-18.2
ILLINOIS	1	1	1	1	1	1	1	3	76	0.0	0.0	-66.7	-66.7
INDIANA	2	2	2	1	1	2	2	3	78	100.0	0.0	33.3	33.3
IOWA	6	6	6	5	5	6	7	10	78	40.0	16.7	-30.0	-30.0
KANSAS	5	7	6	5	5	5	3	9	78	0.0	-40.0	-66.7	-66.7
KENTUCKY	1	1	1	1	1	1	1	1	73	0.0	0.0	0.0	0.0
LOUISIANA	10	10	11	10	15	11	12	15	86	-20.0	9.1	-20.0	-20.0
MAINE	3	3	4	4	5	4	4	5	86	-20.0	0.0	0.0	0.0
MARYLAND	5	6	7	7	10	7	11	16	68	10.0	57.1	-31.3	-31.3
MASSACHUSETTS 2/	3	3	3	3	3	3	3	5	78	0.0	0.0	-40.0	-40.0
MICHIGAN	3	5	5	5	3	4	4	8	78	33.3	33.3	-33.3	-33.3
MINNESOTA 2/	4	5	5	3	3	3	4	6	78	33.3	33.3	-33.3	-33.3
MISSISSIPPI	3	3	3	3	3	3	4	4/	76	0.0	0.0	0.0	0.0
MISSOURI	4/	4/	4/	4/	4/	4/	4/	4/	77	0.0	0.0	-50.0	-50.0
MONTANA	1	1	1	1	1	1	1	2	77	0.0	0.0	0.0	0.0
NEBRASKA	1	1	1	1	1	1	1	4/	78	0.0	0.0	0.0	0.0
NEVADA	1	1	1	1	1	1	1	1	86	0.0	0.0	0.0	0.0
NEW HAMPSHIRE 2/	5	5	7	6	6	6	7	7	73	16.7	16.7	0.0	0.0
NEW JERSEY 2/	1	1	1	1	1	1	1	2	77	-100.0	-100.0	-100.0	-100.0
NEW MEXICO	2	2	3	3	3	3	4	4	73	33.3	33.3	0.0	0.0
NEW YORK EASTERN	3	3	4	3	5	4	4	6	73	-20.0	0.0	-33.3	-33.3
NEW YORK WESTERN	4	5	4	4	4	4	5	5	83	25.0	25.0	0.0	0.0
NEW YORK METROPOLITAN 2/	14	16	19	17	17	17	21	29	73	23.5	23.5	-27.6	-27.6
NORTH CAROLINA	4/	4/	4/	4/	4/	4/	4/	1	78	0.0	0.0	-100.0	-100.0
NORTH DAKOTA 2/	9	10	10	9	13	10	16	19	78	23.1	60.0	-15.8	-15.8
OHIO	5	6	4	2	2	4	2	6	78	0.0	-50.0	-66.7	-66.7
OKLAHOMA													

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1982-1987) FOR MONTH OF NOVEMBER 1/ PAGE 6
IN THOUSAND SHORT TONS

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH- QTY.	YR	-PERCENT CHANGE FROM-- ---CURRENT YEAR TO----		
										1986	5-YEAR AVG	RECORD YEAR
OREGON	4/	4/	4/	4/	4/	4/	4/	4/	79	0.0	0.0	0.0
PENNSYLVANIA EASTERN	4	5	5	5	8	5	6	8	86	-25.0	20.0	-25.0
PENNSYLVANIA WESTERN	4	5	4	5	6	5	7	9	78	16.7	40.0	-22.2
RHODE ISLAND 2/	4/	4/	4/	4/	4/	4/	1	4/	87	0.0	0.0	0.0
SOUTH CAROLINA	8	10	10	8	9	9	11	14	72	22.2	22.2	-21.4
SOUTH DAKOTA	4/	4/	4/	4/	4/	4/	4/	1	76	0.0	0.0	-100.0
TENNESSEE	8	11	12	12	11	11	15	17	78	36.4	36.4	-11.8
TEXAS	19	26	24	19	10	20	11	26	83	10.0	-45.0	-57.7
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/	1	78	0.0	0.0	-100.0
VIRGINIA	11	12	14	13	18	14	16	21	73	-11.1	14.8	-23.8
WASHINGTON	4/	1	4/	4/	4/	4/	4/	1	79	0.0	0.0	-100.0
WEST VIRGINIA	3	2	2	2	2	2	2	4	77	0.0	0.0	-50.0
WISCONSIN	2	3	3	3	3	3	3	7	78	0.0	0.0	-57.1
WYOMING	4/	4/	4/	4/	4/	4/	4/	4/	77	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/	4	8	8	7	7	7	8	9	78	14.3	14.3	-11.1
TOTAL	210	261	273	248	268	251	291	337	78	10.6	15.9	-13.6

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
OCTOBER 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/
(SHORT TONS)

CUSTOMS DISTRICT	---BAHAMAS---	BELGIUM, -LUXEMBOURG-	---BRAZIL---	---CANADA--	---COLUMBIA--	---DENMARK--	DOMINICAN --REPUBLIC--
ANCHORAGE, ALASKA-----							
BALTIMORE, MD.-----							
BOSTON, MASS.-----							
BUFFALO, N.Y.-----				8,600			
CHARLESTON, S.C.-----				115,716			
CHICAGO, ILL.-----							
CLEVELAND, OHIO-----				7,375			
DETROIT, MICH.-----				107,374			
DULUTH, MINN.-----				11,588			
EL PASO, TEX.-----							
GREAT FALLS, MONT.-----							
HONOLULU, HAWAII-----							
HOUSTON, TEX.-----							
LAREDO, TEX.-----							
LOS ANGELES, CALIF.-----							
MIAMI, FLA.-----							
MILWAUKEE, WIS.-----							
MOBILE, ALA.-----							
NEW ORLEANS, LA.-----					2,000		
NEW YORK CITY, N.Y.-----							
NOGALES, ARIZ.-----							
NORFOLK, VA.-----							
OGDENSBURG, N.Y.-----							
PEMBINA, N. DAK.-----							
PHILADELPHIA, PA.-----				34,010			
PORTLAND, MAINE-----				17,187			
PORTLAND, OREG.-----				934			
PROVIDENCE, R.I.-----							
SAN DIEGO, CALIF.-----				3,847	15,078		
SAN FRANCISCO, CALIF.-----						1,075	
SAN JUAN, P.R.-----							
SAVANNAH, GA.-----							
SEATTLE, WASH.-----				63,406			
ST. ALBANS, VT.-----				42,253			
TAMPA, FLA.-----					33,739		
VIRGIN ISLANDS OF U.S.-----					1,662	12,702	
WILMINGTON, N.C.-----					22,079		
OCTOBER:							
QUANTITY 4/-----	1,713			412,240	74,558	13,777	
VALUE 5/-----	\$195,468			\$15,468,486	\$3,392,112	\$1,277,524	
YEAR-TO-DATE:							
QUANTITY 4/-----	39,198		868	3,596,511	542,762	72,379	235
VALUE 5/-----	\$1,831,613		\$69,717	\$136,484,281	\$18,735,476	\$7,266,771	\$14,850

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
OCTOBER 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	GERMANY		INDONESIA		JAPAN		KOREA		LEEWARD AND	
	FRANCE	WEST	GREECE	HONDURAS	INDONESIA	JAPAN	KOREA	LEEWARD AND	WINDWARD	
ANCHORAGE, ALASKA						11,684				
BALTIMORE, MD.			28,361							
BOSTON, MASS.			29,000							
BUFFALO, N.Y.										
CHARLESTON, S.C.										
CHICAGO, ILL.										
CLEVELAND, OHIO										
DETROIT, MICH.										
DULUTH, MINN.			17,824							
EL PASO, TEX.										
GREAT FALLS, MONT.										
HONOLULU, HAWAII										
HOUSTON, TEX.										
LAREDO, TEX.										
LOS ANGELES, CALIF.	37,491		19,527			35,093	41,800			
MIAMI, FLA.	3,000									
MILWAUKEE, WIS.										
MOBILE, ALA.			28,516							
NEW ORLEANS, LA.	19,647		35,193							
NEW YORK CITY, N.Y.										
NOGALES, ARIZ.										
NORFOLK, VA.	6,504		6,409							
OGDENSBURG, N.Y.										
PEMUNA, N. DAK.										
PHILADELPHIA, PA.										
PORTLAND, MAINE										
PORTLAND, OREG.										
PROVIDENCE, R.I.										
SAN DIEGO, CALIF.										
SAN FRANCISCO, CALIF.										
SAN JUAN, P.R.										
SAVANNAH, GA.										
SEATTLE, WASH.										
ST. ALBANS, VT.										
TAMPA, FLA.										
VIRGIN ISLANDS OF U.S.										
WILMINGTON, N.C.										
OCTOBER:										
QUANTITY 4/	66,642	33	164,930			93,172	41,800			
VALUE 5/	\$2,163,106	\$52,425	\$5,567,735			\$4,263,210	\$1,141,547			
YEAR-TO-DATE:										
QUANTITY 4/	661,294	865	1,407,813			618,030	573,813			851
VALUE 5/	\$20,941,036	\$622,441	\$42,816,358			\$234,699	\$16,953,823			\$28,595

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
OCTOBER 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	---MEXICO---	---MOROCCO---	---MOZAMBIQUE---	---NETHERLANDS---	---PANAMA---	---SPAIN---	---SWEDEN---	UNITED ---KINGDOM---
ANCHORAGE, ALASKA-----								
BALTIMORE, MD.-----								
BOSTON, MASS.-----								
BUFFALO, N.Y.-----						31,287		
CHARLESTON, S.C.-----								
CHICAGO, ILL.-----								
CLEVELAND, OHIO-----								
DETROIT, MICH.-----						50,163		6
DULUTH, MINN.-----								
EL PASO, TEX.-----	58,411							
GREAT FALLS, MONT.-----								
HONOLULU, HAWAII-----								
HOUSTON, TEX.-----	8,347							
LAREDO, TEX.-----	30,348							
LOS ANGELES, CALIF.-----								
MIAMI, FLA.-----	33,263					145		
MILWAUKEE, WIS.-----						34,941		
MOBILE, ALA.-----	2,250					18,700		
NEW ORLEANS, LA.-----	38,854					54,405		
NEW YORK CITY, N.Y.-----	9,585					21,389		
NOGALES, ARIZ.-----	45,283							
NORFOLK, VA.-----						61,442		
OGDENSBURG, N.Y.-----								
PENBINA, N. DAK.-----						13,535		
PHILADELPHIA, PA.-----								
PORTLAND, MAINE-----								
PORTLAND, OREG.-----								
PROVIDENCE, R.I.-----								
SAN DIEGO, CALIF.-----	44,206							
SAN FRANCISCO, CALIF.-----	18,402							
SAN JUAN, P.R.-----								
SAVANNAH, GA.-----						6,034		
SEATTLE, WASH.-----								
ST. ALBANS, VT.-----						39,598		
TAMPA, FLA.-----								
VIRGIN ISLANDS OF U.S.-----								
WILMINGTON, N.C.-----	106,200							
OCTOBER:								
QUANTITY 4/-----	395,099					331,639		2
VALUE 5/-----	\$12,645,920					\$10,167,800		\$3,899
YEAR-TO-DATE:								
QUANTITY 4/-----	4,114,476	5,575	9,528	773	29,502	2,565,271	35,757	7
VALUE 5/-----	\$130,856,872	\$160,640	\$272,368	\$413,939	\$980,480	\$92,263,156	\$995,855	\$12,227

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
OCTOBER 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	--VENEZUELA--	--YUGOSLAVIA--	-----T O T A L-----
		---OCTOBER---	---TO DATE---
ANCHORAGE, ALASKA-----			40,255
BALTIMORE, MD.-----		11,684	266,910
BOSTON, MASS.-----	12,649	41,010	253,829
BUFFALO, N.Y.-----		37,600	810,918
CHARLESTON, S.C.-----		115,793	60,900
CHICAGO, ILL.-----		31,287	285
CLEVELAND, OHIO-----		7,381	159,083
DETROIT, MICH.-----		157,537	923,860
DULUTH, MINN.-----		29,412	113,135
EL PASO, TEX.-----		58,411	506,863
GREAT FALLS, MONT.-----			299
HONOLULU, HAWAII-----		21	46,363
HOUSTON, TEX.-----		8,347	595,326
LAREDO, TEX.-----		30,348	259,397
LOS ANGELES, CALIF.-----		114,565	1,038,652
MIAMI, FLA.-----	12,776	104,259	1,021,984
MILWAUKEE, WIS.-----			38
MOBILE, ALA.-----		49,566	498,315
NEW ORLEANS, LA.-----		112,906	1,371,718
NEW YORK CITY, N.Y.-----		68,167	1,180,590
NOGALES, ARIZ.-----		45,233	339,240
NORFOLK, VA.-----		74,355	395,492
OGDENSBURG, N.Y.-----		34,010	454,723
PENBINA, N. DAK.-----		17,137	94,659
PHILADELPHIA, PA.-----		13,568	128,398
PORTLAND, MAINE-----		934	10,297
PORTLAND, OREG.-----		114,795	114,795
PROVIDENCE, R.I.-----		18,925	162,542
SAN DIEGO, CALIF.-----		44,206	585,728
SAN FRANCISCO, CALIF.-----		18,402	337,211
SAN JUAN, P.R.-----		2,037	139,525
SAVANNAH, GA.-----		6,034	81,553
SEATTLE, WASH.-----		109,702	618,259
ST. ALBANS, VT.-----		42,253	341,432
TAMPA, FLA.-----	9,622	201,861	2,003,256
VIRGIN ISLANDS OF U.S.-----	2,656	4,318	33,145
WILMINGTON, N.C.-----		22,079	124,108

OCTOBER:			
QUANTITY 4/-----	37,703	36	1,633,348
VALUE 5/-----	\$1,207,362	\$15,190	\$57,562,784
YEAR-TO-DATE:			
QUANTITY 4/-----	651,613	256	15,113,083
VALUE 5/-----	\$20,764,681	\$97,669	\$520,756,008

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
OCTOBER 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	BELGIUM, -LUXEMBOURG-									
	----	BRAZIL----	-----CANADA----	---COLOMBIA---	---DENMARK---	----FRANCE----	-----JAPAN----	-----LEEUWARD AND---	WINDWARD----	
BUFFALO, N.Y.-----			W					77		
DETROIT, MICH.-----			W							
EL PASO, TEX.-----										
HONOLULU, HAWAII-----								2		
LAREDO, TEX.-----										
LOS ANGELES, CALIF.-----										
MIAMI, FLA.-----	752									
MOBILE, ALA.-----										
NEW YORK CITY, N.Y.-----										
NOGALES, ARIZ.-----						6,504				
NORFOLK, VA.-----										
OGDENSBURG, N.Y.-----										
PENNINGTON, N. DAK.-----				1						
PHILADELPHIA, PA.-----										
PORTLAND, MAINE-----										
SAN DIEGO, CALIF.-----										
SAN JUAN, P.R.-----	961				1,075					
SAVANNAH, GA.-----					W					
ST. ALBANS, VT.-----										
TAMPA, FLA.-----										
VIRGIN ISLANDS OF U.S.-----					1,662					
OCTOBER:										
QUANTITY 3/-----	1,713		W		1,662	6,504	79			
VALUE 4/-----	\$195,468		W		\$53,608	\$264,240	\$17,555			
YEAR-TO-DATE:										
QUANTITY 3/-----	8,089	868	W		3,075	6,504	98	2-6		
VALUE 4/-----	\$927,069	\$69,717	W		\$157,080	\$264,240	\$21,587	\$8,450		

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
OCTOBER 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	---MEXICO---	---SPAIN---	---SWEDEN---	---VENEZUELA-	-----T O T A L 3/-----
				---OCTOBER--	---TO DATE--
				W	W
BUFFALO, N.Y.				6,426	63,952
DETROIT, MICH.				277	3,166
EL PASO, TEX.	277			2	21
HONOLULU, HAWAII				1,936	10,927
LAREDO, TEX.	1,936				7,428
LOS ANGELES, CALIF.				4,781	13,326
MIAMI, FLA.	148	3,881		2,250	2,250
MOBILE, ALA.	2,250				9,053
NEW YORK CITY, N.Y.				6,504	539
NOGALES, ARIZ.					6,504
NORFOLK, VA.				1	116
OGDENSBURG, N.Y.				1,204	7,666
PEMBINA, N. DAK.		1,204			39
PHILADELPHIA, PA.				497	6,096
PORTLAND, MAINE	497			2,036	17,386
SAN DIEGO, CALIF.					9,448
SAN JUAN, P.R.					25
SAVANNAH, GA.				W	W
ST. ALBANS, VT.				1,662	14,228
TAMPA, FLA.					
VIRGIN ISLANDS OF U.S.					

OCTOBER:

QUANTITY 3/ 5,108 5,085
VALUE 4/ \$400,864 \$461,524

YEAR-TO-DATE:

QUANTITY 3/ 23,126 31,604 15
VALUE 4/ \$2,211,113 \$4,331,429 \$2,302 13,572
W WITHHELD TO AVOID DISCLOSING COMPANY PROPRIETARY DATA. \$419,845

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
OCTOBER 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	BELGIUM, -LUXEMBOURG-	--CANADA--	--COLOMBIA--	---DENMARK---	----FRANCE----	-----GREECE-----	-----JAPAN-----	-----MEXICO-----
ANCHORAGE, ALASKA-----							11,684	
BUFFALO, N.Y.-----								
CHARLESTON, S.C.-----								
CLEVELAND, OHIO-----								
DETROIT, MICH.-----		86,694						
HONOLULU, HAWAII-----								
HOUSTON, TEX.-----								
LAREDO, TEX.-----								
MOBILE, ALA.-----								
NEW ORLEANS, LA.-----								
NEW YORK CITY, N.Y.-----					8,085	28,616		9,331
NORFOLK, VA.-----								
PHILADELPHIA, PA.-----								
SAN JUAN, P.R.-----								
SEATTLE, WASH.-----								
ST. ALBANS, VT.-----		10,852						
TAMPA, FLA.-----				4,200				38,592
OCTOBER:								
QUANTITY 3/-		97,546		4,200	8,085	28,616	11,684	47,923
VALUE 4/-		\$3,251,467		\$396,906	\$234,720	\$855,490	\$530,896	\$893,672
YEAR-TO-DATE:								
QUANTITY 3/-	31,159	786,235	57,645	4,200	277,685	343,231	36,542	1,013,117
VALUE 4/-	\$904,544	\$26,349,045	\$1,515,427	\$396,906	\$8,267,515	\$8,271,659	\$1,222,230	\$21,691,827

OCTOBER:

YEAR-TO-DATE:

TABLE 7. - CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES
OCTOBER 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	-----PANAMA-----	-----SPAIN-----	-----T O T A L 3/-----	-----OCTOBER-----	-----TO DATE-----
ANCHORAGE, ALASKA-----			11,684	11,684	11,684
BUFFALO, N.Y.-----					463
CHARLESTON, S.C.-----		31,287	31,287	31,287	60,789
CLEVELAND, OHIO-----					1
DETROIT, MICH.-----		50,163	136,857		672,167
HONOLULU, HAWAII-----					24,857
HOUSTON, TEX.-----					192,331
LAREDO, TEX.-----			9,331		116,769
MOBILE, ALA.-----			47,316		496,065
NEW ORLEANS, LA.-----		18,700	8,085		413,086
NEW YORK CITY, N.Y.-----					203,801
NORFOLK, VA.-----					31,911
PHILADELPHIA, PA.-----		12,331	12,331		12,331
SAN JUAN, P.R.-----					52,106
SEATTLE, WASH.-----			10,852		178,633
ST. ALBANS, VT.-----					695
TAMPA, FLA.-----		32,722	75,514		757,643

OCTOBER:

QUANTITY 3/-----	145,203	343,257
VALUE 4/-----	\$3,510,263	\$9,473,414

YEAR-TO-DATE:

QUANTITY 3/-----	29,502	646,016	3,225,332
VALUE 4/-----	\$980,480	\$15,424,954	\$85,024,597

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=EIF (COST, INSURANCE AND FREIGHT).

SOURCE: U.S. BUREAU OF THE CENSUS.

FIRST CLASS

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

- ☐ Do not wish to receive this material, please remove from your mailing list.
- ☐ Address change. Please correct as indicated.

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
Jan	5,676	NA	874	11	NA	65.92
Feb	4,641	NA	1,024	2	NA	66.07
Mar	6,376	NA	973	3	NA	65.84
Apr	8,131	NA	1,244	3	NA	65.69
May	8,454	NA	1,449	4	NA	66.70
Jun	8,771	NA	1,543	10	NA	65.56
Jul	9,168	NA	1,923	5	NA	64.43
Aug	9,090	NA	1,810	4	NA	63.35
Sep	8,980	NA	1,512	4	NA	63.43
Oct	9,588	NA	1,308	4	NA	63.28
Nov	6,861	NA	1,615	3	NA	63.28
Dec	6,023	NA	1,044	3	NA	63.63
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	NA	NA	NA	63.40

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.

6/Revised