



MINERAL INDUSTRY SURVEYS

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



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Cement Monthly

CEMENT IN AUGUST 1987

Portland cement shipments in the United States and Puerto Rico were 8.58 million short tons in August, according to the Bureau of Mines, U.S. Department of the Interior. This was slightly below shipments in August 1986. Cumulative shipments through August of 58.8 million short tons, were slightly above cumulative shipments through August of 1986.

The leading portland cement producing States (California, Pennsylvania, Texas, Michigan, and Missouri) shipped 37% of the August total. California, Texas, Florida, Pennsylvania, and New York, the leading consuming States, received 36% of total shipments.

Masonry cement shipments of 346,000 tons in August were 4% above shipments in August, 1986. The leading producing States or districts (Indiana, Pennsylvania, Florida, Kentucky-Virginia-West Virginia, and Michigan) shipped 50% of the total and leading consuming States (Florida, North Carolina, Georgia, Virginia, and Ohio) received 36% of total shipments. Cumulative shipments through August of 2.56 million tons, were 5% more than cumulative shipments through August 1986.

Tables 5, 6, and 7 contain July import data as reported by the Bureau of the Census which were not available for publication in the July report. July imports of 1.8 million tons were 5% below imports in July 1986. Cumulative imports through July of 9.9 million tons, were 10% above cumulative imports through July 1986.

TABLE 1. - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF AUGUST, 1987 1/

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	AUGUST	YEAR TO DATE	AUGUST	YEAR TO DATE
NEW YORK, MAINE	364,671	2,347,820	11,479	74,165
PENNSYLVANIA EASTERN	461,609	3,072,042	29,737	207,067
PENNSYLVANIA WESTERN	179,554	946,085	9,520	60,865
MARYLAND	177,361	1,140,620	8,537	62,604
OHIO	184,601	1,123,782	12,280	90,422
MICHIGAN	552,413	3,115,141	27,436	181,201
INDIANA	249,311	1,583,987	39,424	280,018
ILLINOIS	193,940	1,101,396	3/	3/
GEORGIA, TENNESSEE	213,797	1,493,461	20,168	152,852
SOUTH CAROLINA	230,995	1,671,230	3/	3/
KENTUCKY, VIRGINIA, WEST VIRGINIA	231,766	1,615,755	32,246	222,314
FLORIDA	292,385	2,220,619	32,928	299,548
NEBRASKA, WISCONSIN	79,238	453,524	681	5,382
ALABAMA	289,550	2,321,215	22,680	176,912
ARKANSAS, LOUISIANA, MISSISSIPPI	133,321	981,359	6,133	49,752
UTAH	118,695	679,063	112	708
SOUTH DAKOTA	71,418	331,799	395	2,756
IOWA	250,390	1,521,168	5,472	34,161
MISSOURI	439,072	3,097,657	17,945	120,241
KANSAS	160,543	1,092,881	4,509	34,527
OKLAHOMA	155,800	1,012,367	3,061	29,901
TEXAS NORTHERN	318,775	2,496,799	10,486	83,380
TEXAS SOUTHERN	317,524	2,459,551	3,010	23,502
IDAHO, MONTANA	80,468	421,361	228	2,380
COLORADO, WYOMING	141,216	817,823	3/	3/
ALASKA, OREGON	73,981	421,443	267	267
ARIZONA, NEVADA, NEW MEXICO	178,067	1,345,305	6,843	55,959
CALIFORNIA NORTHERN	260,759	1,843,540	3/	3,327
CALIFORNIA SOUTHERN	608,058	4,834,613	811	6,473
HAWAII	26,333	216,352	763	4,806
WASHINGTON	87,737	592,772		
PUERTO RICO	107,143	864,203		
U.S. TOTAL.....	7,230,491	49,236,773	333,349	2,474,140
FOREIGN IMPORTS....4/	1,349,680	9,571,145	12,694	82,768
TOTAL SHIPMENTS.....	8,580,171	58,807,918	346,043	2,556,908

- 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 AUGUST ,1987 1/,2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS)3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	AUGUST	YEAR TO DATE	AUGUST	YEAR TO DATE
ALABAMA	118,559	917,775	11,534	92,191
ALASKA	4,622	47,776	5/	5/
ARIZONA	193,926	1,522,759	5/	5/
ARKANSAS	71,747	513,196	3,847	29,489
CALIFORNIA NORTHERN	340,386	2,354,093	5/	5/
CALIFORNIA SOUTHERN	714,877	5,477,833	5/	5/
COLORADO	105,516	724,747	1,758	11,341
CONNECTICUT 4/	102,538	645,246	1,814	15,287
DELAWARE 4/	24,117	159,970	1,316	9,706
DISTRICT OF COLUMBIA 4/	12,796	91,863	39	610
FLORIDA	569,118	4,518,964	38,530	344,398
GEORGIA	298,569	2,214,451	22,114	167,545
HAWAII	26,333	221,763	811	6,800
IDAHO	26,119	156,321	31	315
ILLINOIS	148,291	947,217	2,712	19,037
CHICAGO METROPOLITAN 4/	181,237	1,261,569	5,714	42,976
INDIANA	177,749	1,066,601	9,958	67,989
IOWA	130,923	678,328	1,053	8,033
KANSAS	130,115	804,765	1,906	15,559
KENTUCKY	112,545	780,646	9,112	59,559
LOUISIANA	145,244	1,137,311	3,158	29,268
MAINE	38,399	220,556	1,302	7,621
MARYLAND	162,255	1,073,287	14,656	104,159
MASSACHUSETTS 4/	142,573	1,063,322	4,704	33,054
MICHIGAN	308,565	1,742,619	13,755	97,623
MINNESOTA 4/	184,537	1,005,594	5,701	34,515
MISSISSIPPI	71,248	504,079	4,364	34,812
MISSOURI	196,690	1,377,644	5,473	36,214
MONTANA	25,360	115,676	146	768
NEBRASKA	74,007	449,890	750	6,657
NEVADA	71,130	486,850	5	52
NEW HAMPSHIRE 4/	31,611	235,925	1,306	10,523
NEW JERSEY 4/	175,209	1,242,703	8,348	57,523
NEW MEXICO	46,062	351,258	614	5,606
NEW YORK EASTERN	81,307	453,907	4,723	29,111
NEW YORK WESTERN	111,578	619,481	5,731	38,494
NEW YORK METROPOLITAN 4/	170,372	1,190,555	5,351	36,024
NORTH CAROLINA 4/	187,886	1,439,038	24,899	191,324
NORTH DAKOTA 4/	43,264	160,825	428	2,608
OHIO	338,876	2,070,807	18,782	122,064
OKLAHOMA	92,458	684,923	2,678	23,766
OREGON	81,106	461,589	18	98
PENNSYLVANIA EASTERN	214,027	1,331,282	9,487	57,389
PENNSYLVANIA WESTERN	153,281	869,559	7,856	52,860
PUERTO RICO	107,143	864,203		
RHODE ISLAND 4/	17,676	161,508	551	4,138
SOUTH CAROLINA	107,024	761,710	13,563	103,471
SOUTH DAKOTA	40,444	171,613	526	3,124
TENNESSEE	170,042	1,239,603	18,296	137,834
TEXAS NORTHERN	309,634	2,520,730	8,388	66,305
TEXAS SOUTHERN	383,447	2,882,125	6,390	45,681
UTAH	93,704	516,418	137	836
VERMONT 4/	15,504	120,467	672	3,958
VIRGINIA	235,845	1,660,628	21,879	153,365
WASHINGTON	132,880	888,164	752	5,366
WEST VIRGINIA	52,770	286,448	3,605	21,345
WISCONSIN	192,289	1,009,252	4,816	30,844
WYOMING	64,942	213,674	75	638
FOREIGN COUNTRIES 6/	19,699	116,812	9,909	77,033
TOTAL SHIPMENTS.....	8,580,171	58,807,918	346,043	2,556,908

- 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 (1982-1987) FOR MONTH OF AUGUST 1/ 2/ PAGE 1

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	89	116	110	132	119	113	119	151	78	0.0	5.3	-21.2	
ALASKA	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	89	143	159	179	179	150	194	194	87	8.4	29.3	0.0	
ARKANSAS	57	76	78	87	76	75	72	108	77	-5.3	-4.0	-33.3	
CALIFORNIA NORTHERN	232	307	337	339	339	311	340	387	79	0.3	9.3	-12.1	
CALIFORNIA SOUTHERN	357	433	510	623	693	523	715	715	87	3.2	36.7	0.0	
COLORADO	149	201	187	179	142	172	106	201	83	-25.4	-38.4	-47.3	
CONNECTICUT 3/	68	70	86	86	99	82	103	103	87	4.0	25.6	0.0	
DELAWARE 3/	16	17	21	19	21	19	24	25	66	14.3	26.3	-4.0	
DISTRICT OF COLUMBIA 3/	15	11	12	10	12	12	13	33	75	8.3	8.3	-60.6	
FLORIDA	330	427	506	497	522	456	569	569	87	9.0	24.8	0.0	
GEORGIA	171	232	259	275	268	241	299	299	87	11.6	24.1	0.0	
HAWAII	21	18	17	19	28	21	26	46	73	-7.1	23.8	-43.5	
IDAHO	30	37	41	29	42	36	26	84	76	-38.1	-27.8	-69.0	
ILLINOIS	283	275	351	315	425	330	330	576	74	-22.4	0.0	-42.7	
INDIANA	127	154	162	165	191	160	178	296	67	-6.8	11.3	-39.9	
IOWA	175	190	206	164	161	179	131	307	78	-18.6	-26.8	-57.3	
KANSAS	96	117	145	145	110	123	130	171	68	18.2	5.7	-17.7	
KENTUCKY	102	99	134	111	114	112	113	171	68	-0.9	0.9	-33.9	
LOUISIANA	215	219	244	235	192	221	145	294	79	-24.5	-34.4	-50.7	
MAINE	25	30	34	35	35	32	38	44	76	8.6	18.8	-13.6	
MARYLAND	106	137	140	143	146	134	162	167	72	11.0	20.9	-3.0	
MASSACHUSETTS 3/	103	116	150	143	158	134	143	171	72	-9.5	6.7	-16.4	
MICHIGAN	182	204	241	260	309	239	309	439	73	0.0	29.3	-29.6	
MINNESOTA 3/	161	161	158	158	192	166	185	259	71	-3.6	11.4	-28.6	
MISSISSIPPI	69	72	75	73	80	74	71	110	79	-11.3	-4.1	-35.5	
MISSOURI	131	193	217	184	245	194	197	270	71	-19.6	1.5	-27.0	
MONTANA	31	35	31	24	33	31	25	63	70	-24.2	-19.4	-60.3	
NEBRASKA	89	112	127	117	94	108	74	186	73	-21.3	-31.5	-60.2	
NEVADA	40	47	50	70	58	53	71	71	87	22.4	34.0	0.0	
NEW HAMPSHIRE 3/	35	29	38	42	38	36	32	42	85	-15.8	-11.1	-23.8	
NEW JERSEY 3/	133	142	185	171	180	162	175	255	72	-2.8	8.0	-31.4	
NEW MEXICO	48	55	55	58	47	53	46	62	77	-2.1	-13.2	-25.8	
NEW YORK EASTERN	53	45	59	73	76	61	81	126	79	6.6	32.8	-35.7	
NEW YORK WESTERN	113	96	114	110	112	109	112	172	73	0.0	2.8	-34.9	
NEW YORK METROPOLITAN 3/	94	139	144	161	181	144	170	196	68	-6.1	18.1	-13.3	
NORTH CAROLINA	153	181	177	168	154	167	188	200	72	22.1	12.6	-6.0	
NORTH DAKOTA 3/	39	36	72	57	56	52	43	78	77	-23.2	-17.3	-44.9	
OHIO	243	308	313	314	358	307	339	515	67	-5.3	10.4	-34.2	
OKLAHOMA	168	182	166	130	96	148	92	188	79	-4.2	-37.8	-51.1	

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1982-1987) FOR MONTH OF AUGUST 1/ 2/ PAGE 2
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	74	81	85	88	69	79	81	109	79	17.4	2.5	-25.7
PENNSYLVANIA EASTERN	152	186	202	187	198	184	214	269	73	10.9	16.8	-20.4
PENNSYLVANIA WESTERN	103	122	122	139	142	126	153	211	67	7.7	21.4	-21.5
RHODE ISLAND 3/	14	18	20	16	18	17	18	23	68	0.0	5.9	-21.7
SOUTH CAROLINA	68	87	92	92	80	84	107	107	87	33.8	27.4	0.0
SOUTH DAKOTA	35	51	32	49	63	46	40	70	79	-36.5	-13.0	-42.9
TENNESSEE	103	144	150	151	159	141	170	184	79	6.9	20.6	-7.6
TEXAS	821	918	1035	1034	777	917	693	1035	84	-10.8	-24.4	-33.0
UTAH	65	90	135	173	115	116	94	173	85	-18.3	-19.0	-45.7
VERMONT 3/	15	17	20	22	19	19	16	23	72	-15.8	-15.8	-30.4
VIRGINIA	131	170	203	214	194	182	236	236	87	21.6	29.7	0.0
WASHINGTON	121	116	135	146	123	128	133	180	66	8.1	3.9	-26.1
WEST VIRGINIA	52	48	39	46	49	47	53	95	73	8.2	12.8	-44.2
WISCONSIN	146	183	223	197	195	189	192	299	67	-1.5	1.6	-35.8
WYOMING	51	51	60	65	55	56	65	71	76	18.2	16.1	-8.5
PUERTO RICO	82	81	93	85	99	88	107	186	73	8.1	21.6	-42.5
FOREIGN COUNTRIES	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
UNDISTRIBUTED 5/	74	55	52	40	29	50	25	90	75	-13.8	-50.0	-72.2
TOTAL	6745	7880	8809	8844	8760	8208	8583	10004	73	-2.0	4.6	-14.2

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 AUGUST 1/ PAGE 5
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	6	10	8	10	10	9	12	14	78	20.0	33.3	-14.3
ALASKA	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
ARIZONA	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
ARKANSAS	3	4	5	5	4	4	4/	9	78	0.0	0.0	-55.6
CALIFORNIA NORTHERN												
CALIFORNIA SOUTHERN												
COLORADO	2	3	3	4/	4/	4/	1	1	78	0.0	0.0	0.0
CONNECTICUT 2/	1	1	2	2	2	2	2	2	86	0.0	0.0	0.0
DELAWARE 2/	1	1	1	1	1	1	1	1	73	0.0	0.0	0.0
DISTRICT OF COLUMBIA 2/	4/	4/	4/	4/	4/	4/	4/	2	73	0.0	0.0	-100.0
FLORIDA	27	35	43	41	40	37	39	43	84	-2.5	5.4	-9.3
GEORGIA	14	18	19	22	21	19	22	24	73	4.8	15.8	-8.3
HAWAII	4/	1	4/	1	1	1	1	1	73	0.0	0.0	0.0
IDAHO	4/	4/	4/	4/	4/	4/	4/	4/	80	0.0	0.0	0.0
ILLINOIS	6	8	9	8	8	8	8	17	78	0.0	0.0	-52.9
INDIANA	7	8	8	8	10	8	10	16	78	0.0	25.0	-37.5
IOWA	1	2	2	1	2	2	1	5	78	-50.0	-50.0	-80.0
KANSAS	2	2	2	2	2	2	2	4	78	0.0	0.0	-50.0
KENTUCKY	7	9	10	8	9	9	9	17	78	0.0	0.0	-47.1
LOUISIANA	6	7	7	6	4	6	3	10	78	-25.0	-50.0	-70.0
MAINE	1	1	1	1	1	1	1	2	73	0.0	0.0	-50.0
MARYLAND	13	13	13	14	14	13	15	15	87	7.1	15.4	0.0
MASSACHUSETTS 2/	4	4	5	5	5	5	5	5	73	0.0	0.0	0.0
MICHIGAN	7	8	11	12	14	10	14	23	67	0.0	40.0	-39.1
MINNESOTA 2/	4	5	5	5	5	5	6	9	78	20.0	20.0	-33.3
MISSISSIPPI	4	5	6	5	5	5	4	8	78	-20.0	-20.0	-50.0
MISSOURI	2	4	5	4	4	4	5	7	78	25.0	25.0	-28.6
MONTANA	4/	4/	4/	4/	4/	4/	4/	1	77	0.0	0.0	-100.0
NEBRASKA	1	1	2	1	1	1	1	2	78	0.0	0.0	-50.0
NEVADA					4/	4/	4/	4/	78	0.0	0.0	0.0
NEW HAMPSHIRE 2/	1	1	1	2	1	1	1	2	77	0.0	0.0	-50.0
NEW JERSEY 2/	5	6	8	8	8	7	8	9	73	0.0	14.3	-11.1
NEW MEXICO	1	1	1	1	1	1	1	2	77	0.0	0.0	-50.0
NEW YORK EASTERN	2	2	5	4	5	4	5	5	73	0.0	25.0	0.0
NEW YORK WESTERN	4	4	5	5	6	5	6	8	73	0.0	20.0	-25.0
NEW YORK METROPOLITAN 2/	3	5	5	5	5	5	5	5	83	0.0	0.0	0.0
NORTH CAROLINA	14	21	22	23	21	20	25	26	73	19.0	25.0	-3.8
NORTH DAKOTA 2/	1	1	1	4/	1	1	4/	1	78	-100.0	-100.0	-100.0
OHIO	11	14	15	15	18	15	19	28	77	5.6	26.7	-32.1
OKLAHOMA	6	7	6	4	3	5	3	9	78	0.0	-40.0	-66.7

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

STATE	1982	1983	1984	1985	1986	5-YEAR AVERAGE	1987	RECORD HIGH- QTY.	YR	-PERCENT CHANGE FROM--		
										1986	5-YEAR AVG	RECORD YEAR
OREGON	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
PENNSYLVANIA EASTERN	5	6	6	7	7	6	9	9	73	28.6	50.0	0.0
PENNSYLVANIA WESTERN	7	7	7	9	9	8	8	13	78	-11.1	0.0	-38.5
RHODE ISLAND 2/	4/	4/	4/	4/	4/	4/	1	1	77	0.0	0.0	0.0
SOUTH CAROLINA	8	10	11	10	10	10	14	15	73	40.0	40.0	-6.7
SOUTH DAKOTA	4/	4/	4/	4/	4/	4/	1	1	73	0.0	0.0	0.0
TENNESSEE	9	15	13	15	17	14	18	23	78	5.9	28.6	-21.7
TEXAS	22	28	29	25	16	24	15	31	78	-6.3	-37.5	-51.6
UTAH	4/	4/	4/	4/	4/	4/	4/	4/	79	0.0	0.0	0.0
VERMONT 2/	1	1	1	4/	1	1	1	1	73	0.0	0.0	0.0
VIRGINIA	11	16	16	17	19	16	22	24	73	15.8	37.5	-8.3
WASHINGTON	1	1	1	1	1	1	1	1	80	0.0	0.0	0.0
WEST VIRGINIA	3	3	4	3	3	3	4	7	78	33.3	33.3	-42.9
WISCONSIN	4	4	5	5	5	5	5	9	78	0.0	0.0	-44.4
WYOMING	4/	4/	4/	4/	4/	4/	4/	4/	78	0.0	0.0	0.0
PUERTO RICO	3/	3/	3/	3/	3/	3/	3/	3/	00	0.0	0.0	0.0
FOREIGN COUNTRIES	5	8	9	9	8	8	8	9	78	0.0	0.0	-11.1
UNDISTRIBUTED 5/	238	312	341	333	332	311	348	442	78	4.8	11.9	-21.3
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
JULY 1987 BY COUNTRY AND CUSTOMS DISTRICT 3/
(SHORT TONS)

CUSTOMS DISTRICT	---BAHAMAS---	BELGIUM, -LUXEMBOURG-	---BRAZIL---	---CANADA---	--COLOMBIA--	---DENMARK--	DOMINICAN --REPUBLIC--
ANCHORAGE, ALASKA-----							
BALTIMORE, MD.-----							
BOSTON, MASS.-----							
BUFFALO, N.Y.-----				8,397			
CHARLESTON, S.C.-----				103,916			
CHICAGO, ILL.-----							
CLEVELAND, OHIO-----				46,707			
DETROIT, MICH.-----				96,395			
DULUTH, MINN.-----				12,738			
EL PASO, TEX.-----							
GREAT FALLS, MONT.-----							
HONOLULU, HAWAII-----							
HOUSTON, TEX.-----							
LAREDO, TEX.-----							
LOS ANGELES, CALIF.-----							
MIAMI, FLA.-----							
MILWAUKEE, WIS.-----							
MOBILE, ALA.-----				27,570			
NEW ORLEANS, LA.-----							
NEW YORK CITY, N.Y.-----				60,973			
NOGALES, ARIZ.-----				22,500			
NORFOLK, VA.-----				1,242			
OGDENSBURG, N.Y.-----							
PEMBINA, N. DAK.-----							
PHILADELPHIA, PA.-----							
PORTLAND, MAINE-----							
PORTLAND, OREG.-----							
PROVIDENCE, R.I.-----				32,031	4,365		
SAN DIEGO, CALIF.-----				18,005			658
SAN FRANCISCO, CALIF.-----		791					
SAN JUAN, P.R.-----							
SAVANNAH, GA.-----							
SEATTLE, WASH.-----				59,265			
ST. ALBANS, VT.-----				45,957			
TAMPA, FLA.-----					33,093		
VIRGIN ISLANDS OF U.S.-----					28,600		
WILMINGTON, N.C.-----							
JULY:							
QUANTITY 4/-----		791		535,696	66,058		658
VALUE 5/-----		\$91,275		\$19,746,764	\$2,208,034	\$78,182	
YEAR-TO-DATE:							
QUANTITY 4/-----	120,617	36,537	430	2,348,740	355,922	36,111	235
VALUE 5/-----	\$4,334,212	\$1,528,105	\$33,945	\$89,212,409	\$11,347,994	\$3,831,966	\$14,850

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

CUSTOMS DISTRICT	---FRANCE---	GERMANY ----WEST----	---GREECE---	--HONDURAS--	-INDONESIA--	-----JAPAN---	KOREA, REPUBLIC OF-	LEEWARD AND-- WINDWARD----
ANCHORAGE, ALASKA-----								
BALTIMORE, MD.-----			30,570					10,500
BOSTON, MASS.-----			20,800					
BUFFALO, N.Y.-----								
CHARLESTON, S.C.-----		19						
CHICAGO, ILL.-----								
CLEVELAND, OHIO-----								
DETROIT, MICH.-----								
DULUTH, MINN.-----								
EEL PASO, TEX.-----								
GREAT FALLS, MONT.-----								
HONOLULU, HAWAII-----								
HOUSTON, TEX.-----								
LAREDO, TEX.-----								
LOS ANGELES, CALIF.-----	20					24,361		10,999
MIAMI, FLA.-----								
MILWAUKEE, WIS.-----		11						
MOBILE, ALA.-----	31,496							
NEW ORLEANS, LA.-----	39,453		60,183					
NEW YORK CITY, N.Y.-----	21,346	28	33,843					
NOGALES, ARIZ.-----								
NORFOLK, VA.-----								
OGDENSBURG, N.Y.-----								
PENNINGTON, N. DAK.-----								
PHILADELPHIA, PA.-----								
PORTLAND, MAINE-----								
PORTLAND, OREG.-----		10						
PROVIDENCE, R.I.-----								
SAN DIEGO, CALIF.-----								
SAN FRANCISCO, CALIF.-----								
SAN JUAN, P.R.-----								
SAVANNAH, GA.-----		8		6,614			25,403	
SEATTLE, WASH.-----								
ST. ALBANS, VT.-----								
TAMPA, FLA.-----								
VIRGIN ISLANDS OF U.S.-----			69,057					
WILMINGTON, N.C.-----								
JULY:								
QUANTITY 4/-----	92,315	76	214,453	6,614		24,361	46,902	
VALUE 5/-----	\$3,249,849	\$68,145	\$6,310,219	\$282,692		\$733,351	\$1,919,806	
YEAR-TO-DATE:								
QUANTITY 4/-----	410,504	779	816,734	32,875		323,166	413,792	851
VALUE 5/-----	\$12,979,290	\$542,589	\$24,719,357	\$1,418,440		\$9,829,346	\$12,224,043	\$28,595

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

CUSTOMS DISTRICT	UNITED			
	---MEXICO---	---MOROCCO---	---MOZAMBIQUE---	---NETHERLANDS ---SPAIN--- ---SWEDEN--- ---KINGDOM--- ---VENEZUELA---
ANCHORAGE, ALASKA-----				
BALTIMORE, MD.-----				
BOSTON, MASS.-----				
BUFFALO, N.Y.-----				
CHARLESTON, S.C.-----				
CHICAGO, ILL.-----				
CLEVELAND, OHIO-----				
DETROIT, MICH.-----				
DULUTH, MINN.-----				
EL PASO, TEX.-----	56,485			
GREAT FALLS, MONT.-----				
HONOLULU, HAWAII-----				
HOUSTON, TEX.-----				
LAREDO, TEX.-----	19,575			
LOS ANGELES, CALIF.-----			67,712	
MIAMI, FLA.-----	39,328		40,105	29,516
MILWAUKEE, WIS.-----				
MOBILE, ALA.-----	52,597			
NEW ORLEANS, LA.-----	52,526		20,047	
NEW YORK CITY, N.Y.-----	28,435		43,114	
NOGALES, ARIZ.-----	30,955			
NORFOLK, VA.-----		200	32,998	5,336
OGDENSBURG, N.Y.-----				
PENBINA, N. DAK.-----				
PHILADELPHIA, PA.-----			579	8,854
PORTLAND, MAINE-----			39	
PORTLAND, OREG.-----				
PROVIDENCE, R.I.-----				
SAN DIEGO, CALIF.-----	72,694			
SAN FRANCISCO, CALIF.-----	18,890			
SAN JUAN, P.R.-----	6,576			
SAVANNAH, GA.-----			789	
SEATTLE, WASH.-----			16,217	
ST. ALBANS, VT.-----				
TAMPA, FLA.-----	94,414		27,259	12,912
VIRGIN ISLANDS OF U.S.-----				2,519
WILMINGTON, N.C.-----				
JULY:				
QUANTITY 4/-----	472,475	204	274,512	81,821
VALUE 5/-----	\$13,949,471	\$104,296	\$9,089,677	\$2,099 \$2,742,424
YEAR-TO-DATE:				
QUANTITY 4/-----	2,805,943	9,528	1,692,754	485,128
VALUE 5/-----	\$89,881,635	\$272,368	\$62,458,857	\$3,161 \$15,579,311

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

CUSTOMS DISTRICT	-YUGOSLAVIA-	-----T O T A L 4/----- -----JULY----- --TO DATE--
ANCHORAGE, ALASKA-----	10,500	25,618
BALTIMORE, MD.-----	46,865	162,053
BOSTON, MASS.-----	54,850	172,286
BUFFALO, N.Y.-----	103,916	485,063
CHARLESTON, S.C.-----	19	19
CHICAGO, ILL.-----	285	285
CLEVELAND, OHIO-----	46,707	102,685
DETROIT, MICH.-----	96,395	585,852
DULUTH, MINN.-----	12,738	51,560
EL PASO, TEX.-----	56,485	345,021
GREAT FALLS, MONT.-----	130	130
HONOLULU, HAWAII-----	10,999	46,341
HOUSTON, TEX.-----	67,712	487,920
LAREDO, TEX.-----	19,575	177,200
LOS ANGELES, CALIF.-----	24,381	645,894
MIAMI, FLA.-----	108,960	708,302
MILWAUKEE, WIS.-----	38	38
MOBILE, ALA.-----	84,093	367,793
NEW ORLEANS, LA.-----	172,209	825,970
NEW YORK CITY, N.Y.-----	154,336	832,705
NOGALES, ARIZ.-----	30,955	224,398
NORFOLK, VA.-----	38,334	234,281
OGDENSBURG, N.Y.-----	61,173	329,066
PEMBINA, N. DAK.-----	22,500	43,102
PHILADELPHIA, PA.-----	9,443	74,813
PORTLAND, MAINE-----	1,281	7,358
PORTLAND, OREG.-----	82,075	82,075
PROVIDENCE, R.I.-----	42,789	105,174
SAN DIEGO, CALIF.-----	72,694	399,288
SAN FRANCISCO, CALIF.-----	62,298	239,428
SAN JUAN, P.R.-----	15,428	115,351
SAVANNAH, GA.-----	16,225	65,444
SEATTLE, WASH.-----	59,265	334,405
ST. ALBANS, VT.-----	45,957	229,018
TAMPA, FLA.-----	236,735	1,334,170
VIRGIN ISLANDS OF U.S.-----	2,519	21,499
WILMINGTON, N.C.-----	28,600	80,429

JULY:
QUANTITY 4/----- 1,816,936
VALUE 5/----- \$60,576,101

YEAR-TO-DATE:
QUANTITY 4/----- 108
VALUE 5/----- \$42,222 9,942,034
\$341,966,763

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

CUSTOMS DISTRICT	BELGIUM, -LUXEMBOURG-	---BRAZIL---	---CANADA---	---COLOMBIA---	---DENMARK---	---JAPAN---	LEEWARD AND--	
							WINDWARD----	---MEXICO----
BUFFALO, N.Y.-----								
DETROIT, MICH.-----								
EL PASO, TEX.-----								510
HONOLULU, HAWAII-----								
LAREDO, TEX.-----								1,061
LOS ANGELES, CALIF.-----								
MIAMI, FLA.-----								
NEW YORK CITY, N.Y.-----								
NOGALES, ARIZ.-----								
OGDENSBURG, N.Y.-----								
PHILADELPHIA, PA.-----								
PORTLAND, MAINE-----								
SAN DIEGO, CALIF.-----								
SAN JUAN, P.R.-----	791				W			1,027
SAVANNAH, GA.-----								
ST. ALBANS, VT.-----								
TAMPA, FLA.-----								
VIRGIN ISLANDS OF U.S.-----								
JULY:								
QUANTITY 3/-----	791				W			2,598
VALUE 4/-----	\$91,275				W			\$239,855
YEAR-TO-DATE:								
QUANTITY 3/-----	5,378			43,	839		18	14,242
VALUE 4/-----	\$623,561			\$33,945	\$33,920		\$4,032	\$1,425,061
							235	\$8,450

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

CUSTOMS DISTRICT	-----SPAIN-----		-----SWEDEN-----		-----VENEZUELA-----		-----T O T A L 3/-----	
	W	W	W	W	W	W	W	W
BUFFALO, N.Y.								
DETROIT, MICH.								
EL PASO, TEX.								
HONOLULU, HAWAII								
LAREDO, TEX.								
LOS ANGELES, CALIF.								
MIAMI, FLA.	226							
NEW YORK CITY, N.Y.	1,580							
NOGALES, ARIZ.								
OGDENSBURG, N.Y.								
PHILADELPHIA, PA.	579							
PORTLAND, MAINE	39							
SAN DIEGO, CALIF.								
SAN JUAN, P.R.	789							
SAVANNAH, GA.	3,400							
ST. ALBANS, VT.								
TAMPA, FLA.								
VIRGIN ISLANDS OF U.S.								

JULY:								
QUANTITY 3/	6,613							19,235
VALUE 4/	\$1,118,408							\$2,462,697
YEAR-TO-DATE:								
QUANTITY 3/	19,192							155,714
VALUE 4/	\$2,918,206							\$14,524,310
		15						
		\$2,302						
		\$321,245						

W/ Withheld to Avoid Disclosing Company Proprietary Data.
1/ DATA INCLUDED IN TABLE 56
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
JULY 1987 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	BELGIUM, -LUXEMBOURG-									
	---CANADA---	--COLOMBIA--	---FRANCE---	---GREECE---	-----JAPAN---	---MEXICO---	-----SPAIN---			
BUFFALO, N.Y.	218									
CLEVELAND, OHIO										
DETROIT, MICH.	78,409									
HONOLULU, HAWAII										
HOUSTON, TEX.										
LAREDO, TEX.										
MOBILE, ALA.										
NEW ORLEANS, LA.										
NEW YORK CITY, N.Y.										
NORFOLK, VA.	27,570		31,496			9,666				38,870
SAN JUAN, P.R.			11,878	25,353		52,597				
SEATTLE, WASH.						17,208				
ST. ALBANS, VT.										
TAMPA, FLA.	26,951									
						47,407				27,259
JULY:										
QUANTITY 3/	133,148		43,374	25,353		126,878				66,129
VALUE 4/	\$4,134,846		\$1,572,993	\$663,780		\$2,578,718				\$1,620,883
YEAR-TO-DATE:										
QUANTITY 3/	31,159	522,739	57,645	223,071	24,857	729,725				389,968
VALUE 4/	\$904,544	\$17,538,783	\$1,515,427	\$5,134,091	\$687,775	\$15,720,205				\$9,550,300

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

CUSTOMS DISTRICT	-----T O T A L 3/----- -----JULY----- --TO DATE--
BUFFALO, N.Y.-----	218 218
CLEVELAND, OHIO-----	1
DETROIT, MICH.-----	384,916
HONOLULU, HAWAII-----	24,857
HOUSTON, TEX.-----	192,331
LAREDO, TEX.-----	81,359
MOBILE, ALA.-----	367,793
NEW ORLEANS, LA.-----	277,140
NEW YORK CITY, N.Y.-----	173,488
NORFOLK, VA.-----	19,776
SAN JUAN, P.R.-----	52,105
SEATTLE, WASH.-----	109,340
ST. ALBANS, VT.-----	695
TAMPA, FLA.-----	504,661

JULY:
QUANTITY 3/----- 394,882
VALUE 4/----- \$10,571,220

YEAR-TO-DATE:
QUANTITY 3/----- 2,188,680
VALUE 4/----- \$57,587,513

W WITHHELD TO AVOID DISCLOSING COMPANY PROPRIETARY DATA.

- 1/ DATA INCLUDED IN TABLE 5.
- 2/ INCLUDES PUERTO RICO.
- 3/ DATA MAY NOT ADD TO TOTALS SHOWN BECAUSE OF INDEPENDENT ROUNDING.
- 4/ VALUE=CIF (COST, INSURANCE AND FREIGHT).

SOURCE: U.S. BUREAU OF THE CENSUS.

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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:						
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	NA	NA	NA	64.25

NA = Not available.

1/Portland and masonry cement, and cement produced from imported clinker, for the 50 States and Puerto Rico.

2/Includes portland cement shipped by domestic producers and distributors.

3/Includes clinker.

4/Since 1973, annual data include Puerto Rico.

5/Annual: f.o.b. plant, Bureau of Mines annual canvass. Monthly: average of quotations for bulk cement in 20 cities, reported monthly in Engineering News Record.

r/Revised