



MINERAL INDUSTRY SURVEYS

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



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Cement Monthly

CEMENT IN FEBRUARY 1988

Portland cement shipments in the United States and Puerto Rico were 4.94 million short tons in February, according to the Bureau of Mines, U.S. Department of the Interior. This was 6% above shipments in February 1987. Cumulative shipments for 1988, 8.86 million short tons, were 6% below cumulative shipments for 1987.

The leading portland cement producing States (California, Texas, Florida, Pennsylvania, and Alabama) shipped 42% of the February total. California, Texas, Florida, Georgia, and Virginia, the leading consuming states, received 49% of total shipments.

Masonry cement shipments of 222,000 tons in February were slightly below shipments in February, 1987. The leading producing States or districts were Indiana, Florida, South Carolina, Pennsylvania, and Kentucky-Virginia-West Virginia. The leading consuming States (Florida, North Carolina, Georgia, Virginia, and South Carolina) received 49% of total shipments. Cumulative shipments for 1988, 380,000 tons, were 14% less than cumulative shipments for 1987.

Tables 5, 6, and 7 contain January import data as reported by the Bureau of the Census which were not available for publication in the January report. January imports of 1.11 million tons were 34% above imports in January 1987.

TABLE 1. - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF FEBRUARY, 1988 1/

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	FEBRUARY	YEAR TO DATE	FEBRUARY	YEAR TO DATE
NEW YORK, MAINE	144,387	271,292	5,451	9,780
PENNSYLVANIA EASTERN	214,558	358,875	16,198	25,561
PENNSYLVANIA WESTERN	43,461	83,145	3,600	6,041
MARYLAND	101,115	163,908	6,087	10,018
OHIO	47,340	81,100	6,318	13,190
MICHIGAN	128,218	230,425	8,816	14,800
INDIANA	86,912	153,279	24,517	36,560
ILLINOIS	70,967	121,151	3/	3/
GEORGIA, TENNESSEE	167,859	248,972	16,076	24,880
SOUTH CAROLINA	182,804	274,548	3/	3/
KENTUCKY, VIRGINIA, WEST VIRGINIA	136,564	206,875	16,980	29,040
FLORIDA	278,813	531,067	21,538	55,158
NEBRASKA, WISCONSIN	11,941	20,939	240	457
ALABAMA	242,487	399,372	16,876	29,341
ARKANSAS, LOUISIANA, MISSISSIPPI	100,184	154,121	3,746	6,524
UTAH	36,290	63,425	79	136
SOUTH DAKOTA	9,086	17,742	50	172
IOWA	44,146	80,023	1,719	2,896
MISSOURI	160,442	270,192	9,774	16,715
KANSAS	61,875	99,352	2,864	4,621
OKLAHOMA	73,886	132,640	2,116	3,747
TEXAS NORTHERN	286,825	509,695	5,417	10,197
TEXAS SOUTHERN	225,454	480,216	4,679	8,455
IDAHO, MONTANA	30,728	51,771	128	290
COLORADO, WYOMING	41,005	69,015	3/	3/
ALASKA, OREGON	35,311	59,686		
ARIZONA, NEVADA, NEW MEXICO	144,938	268,655	4,067	8,485
CALIFORNIA NORTHERN	240,808	415,348	3/	3/
CALIFORNIA SOUTHERN	556,594	1,079,716	861	1,556
HAWAII	28,135	49,913	426	833
WASHINGTON	47,092	89,107		
PUERTO RICO	111,496	204,660		

U.S. TOTAL..... 4,091,721 7,240,225 200,353 353,808

FOREIGN IMPORTS.....4/ 851,149 1,616,585 21,530 25,701

TOTAL SHIPMENTS..... 4,942,870 8,856,810 221,883 379,509

- 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 FEBRUARY ,1988 1/,2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS)3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	FEBRUARY	YEAR TO DATE	FEBRUARY	YEAR TO DATE
ALABAMA	97,583	172,368	7,286	12,315
ALASKA	2,777	3,841	5/	5/
ARIZONA	164,024	321,160	5/	5/
ARKANSAS	40,328	64,500	2,268	3,702
CALIFORNIA NORTHERN	298,163	513,909	5/	5/
CALIFORNIA SOUTHERN	625,051	1,221,379	5/	5/
COLORADO	40,987	70,546	753	1,343
CONNECTICUT 4/	40,913	74,673	1,104	2,049
DELAWARE 4/	10,064	14,615	925	1,430
DISTRICT OF COLUMBIA 4/	14,669	23,519	24	24
FLORIDA	542,347	1,040,669	42,777	80,799
GEORGIA	247,497	378,982	18,184	29,828
HAWAII	28,156	49,934	861	1,556
IDAHO	8,806	14,232	32	57
ILLINOIS	34,514	58,267	1,201	2,083
CHICAGO METROPOLITAN 4/	65,293	114,549	2,744	4,744
INDIANA	51,740	92,849	4,222	7,912
IOWA	13,305	25,819	358	611
KANSAS	40,577	65,838	1,396	2,188
KENTUCKY	44,231	71,678	4,703	7,894
LOUISIANA	94,662	189,311	2,032	4,224
MAINE	12,842	25,918	582	1,104
MARYLAND	82,838	136,031	8,188	13,094
MASSACHUSETTS 4/	65,129	123,828	2,338	4,250
MICHIGAN	69,256	124,678	5,592	10,586
MINNESOTA 4/	38,768	66,930	1,675	2,865
MISSISSIPPI	41,858	75,610	2,592	4,887
MISSOURI	67,334	119,063	2,169	3,937
MONTANA	2,618	4,486	42	66
NEBRASKA	13,840	20,957	314	614
NEVADA	60,297	110,319	6	18
NEW HAMPSHIRE 4/	13,664	25,568	622	1,213
NEW JERSEY 4/	80,487	133,403	4,326	6,602
NEW MEXICO	38,946	67,827	320	532
NEW YORK EASTERN	18,862	37,299	1,692	2,957
NEW YORK WESTERN	27,891	56,785	1,999	3,861
NEW YORK METROPOLITAN 4/	90,821	153,523	2,355	3,861
NORTH CAROLINA 4/	151,098	207,743	20,916	28,795
NORTH DAKOTA 4/	5,603	11,867	68	136
OHIO	99,409	181,649	7,677	13,859
OKLAHOMA	59,282	99,535	1,776	2,760
OREGON	50,715	84,269	20	27
PENNSYLVANIA EASTERN	98,224	167,532	4,175	6,752
PENNSYLVANIA WESTERN	40,122	76,962	3,290	5,704
PUERTO RICO	111,496	204,660		
RHODE ISLAND 4/	7,054	13,819	351	617
SOUTH CAROLINA	86,085	131,451	11,552	17,512
SOUTH DAKOTA	2,771	5,522	99	246
TENNESSEE	100,189	150,961	11,376	17,651
TEXAS NORTHERN	267,301	493,816	6,386	11,867
TEXAS SOUTHERN	292,445	578,595	4,918	8,969
UTAH	24,230	39,032	79	171
VERMONT 4/	4,033	8,830	234	463
VIRGINIA	166,162	274,352	14,630	23,759
WASHINGTON	86,004	151,978	427	845
WEST VIRGINIA	13,656	23,227	1,042	1,628
WISCONSIN	34,143	62,505	1,861	3,094
WYOMING	5,113	11,420	26	47
FOREIGN COUNTRIES 6/	6,597	12,222	5,298	11,401
TOTAL SHIPMENTS.....	4,942,870	8,856,810	221,883	379,509

- 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 (1983-1988) FOR MONTH OF FEBRUARY 1/ 2/ PAGE 1
IN THOUSAND SHORT TONS

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH-		-PERCENT CHANGE FROM--		
								QTY.	YR	1987	5-YEAR AVG	---CURRENT YEAR TO--- RECORD YEAR
ALABAMA	62	87	70	93	86	80	98	107	77	14.0	22.5	-8.4
ALASKA	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	99	159	162	203	148	154	164	203	86	10.8	6.5	-19.2
ARKANSAS	36	53	26	44	41	40	40	61	74	-2.4	0.0	-34.4
CALIFORNIA NORTHERN	102	203	220	162	206	179	298	298	88	44.7	65.5	0.0
CALIFORNIA SOUTHERN	254	446	497	441	558	439	625	625	88	12.0	42.4	0.0
COLORADO	80	100	71	83	52	77	41	100	84	-21.2	-46.8	-59.0
CONNECTICUT 3/	21	28	29	35	39	30	41	42	73	5.1	36.7	-2.4
DELAWARE 3/	5	8	7	9	9	8	10	10	88	11.1	25.0	0.0
DISTRICT OF COLUMBIA 3/	7	5	7	7	11	7	15	22	75	36.4	114.3	-31.8
FLORIDA	323	470	499	474	513	456	542	542	88	5.7	18.9	0.0
GEORGIA	128	191	164	204	214	180	247	247	88	15.4	37.2	0.0
HAWAII	18	17	16	18	25	19	28	42	75	12.0	47.4	-33.3
IDAHO	9	8	4	7	9	7	9	31	70	0.0	28.6	-71.0
ILLINOIS	65	85	56	82	126	83	100	163	73	-20.6	20.5	-38.7
INDIANA	33	43	24	47	60	41	52	74	69	-13.3	26.8	-29.7
IOWA	12	20	12	12	21	15	13	40	73	-38.1	19.0	-67.5
KANSAS	32	74	31	52	53	48	41	77	76	-22.6	-14.6	-46.8
KENTUCKY	32	40	21	26	55	35	44	55	76	-20.0	25.7	-20.0
LOUISIANA	150	189	144	147	100	146	95	209	80	-5.0	-34.9	-54.5
MAINE	4	8	6	9	11	8	18	13	88	18.2	62.5	0.0
MARYLAND	50	70	66	55	77	64	83	83	88	7.8	29.7	0.0
MASSACHUSETTS 3/	35	53	48	67	66	54	65	67	86	-1.5	20.4	-3.0
MICHIGAN	37	48	57	64	82	58	69	115	69	-15.9	19.0	-40.0
MINNESOTA 3/	27	36	39	41	45	38	39	60	73	-13.3	2.6	-35.0
MISSISSIPPI	36	53	44	51	38	44	42	69	73	10.5	-4.5	-39.1
MISSOURI	57	82	42	68	105	71	67	105	87	-36.2	-5.6	-36.2
MONTANA	6	11	5	3	4	6	3	12	69	-25.0	-50.0	-75.0
NEBRASKA	10	18	10	12	21	14	14	31	76	-33.3	0.0	-54.8
NEVADA	25	34	34	36	40	34	60	60	88	50.0	75.5	0.0
NEW HAMPSHIRE 3/	7	9	11	15	14	11	14	15	86	0.0	27.3	-6.7
NEW JERSEY 3/	41	71	62	62	70	61	80	109	73	14.3	31.1	-26.6
NEW MEXICO	35	45	42	40	36	40	39	45	84	8.3	-2.5	-13.3
NEW YORK EASTERN	7	11	13	16	36	13	19	30	72	5.6	45.2	-36.7
NEW YORK WESTERN	22	20	18	22	29	22	28	41	74	-3.4	27.3	-31.7
NEW YORK METROPOLITAN 3/	39	66	54	63	73	59	91	100	73	24.7	54.2	-9.0
NORTH CAROLINA	72	101	105	117	123	104	151	151	88	22.8	45.2	0.0
NORTH DAKOTA 3/	6	7	4	5	4	5	6	16	80	50.0	20.0	-62.5
OHIO	72	80	60	73	117	80	99	162	69	-15.4	23.8	-38.9
OKLAHOMA	82	154	65	75	51	85	59	154	84	15.7	-30.6	-61.7

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1983-1986) FOR MONTH OF FEBRUARY 1/ 2/ PAGE 2
IN THOUSAND SHORT TONS

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH- QTY.	YR	--PERCENT CHANGE FROM--		
										---CURRENT YEAR TO---		
										1987	5-YEAR AVG	RECORD YEAR
OREGON	21	33	35	32	41	32	51	60	73	24.4	59.4	-15.0
PENNSYLVANIA EASTERN	40	61	61	57	77	59	98	103	73	27.3	66.1	-4.9
PENNSYLVANIA WESTERN	22	48	33	32	45	36	40	48	84	-11.1	11.1	-16.7
RHODE ISLAND 3/	3	7	5	7	6	6	7	10	67	16.7	15.7	-30.0
SOUTH CAROLINA	53	71	64	74	68	66	86	86	88	26.5	30.3	0.0
SOUTH DAKOTA	3	4	4	2	6	4	3	10	74	-50.0	-25.0	-70.0
TENNESSEE	55	77	57	80	105	75	100	105	87	-4.8	33.3	-4.8
TEXAS	675	938	690	723	552	715	560	938	84	1.4	-21.8	-40.3
UTAH	34	31	24	36	28	31	24	45	78	-14.3	-22.6	-46.7
VERMONT 3/	3	3	4	4	4	4	4	4	73	0.0	0.0	0.0
VIRGINIA	75	110	114	112	141	110	165	166	88	17.7	50.9	0.0
WASHINGTON	61	76	58	74	82	70	86	101	78	4.9	22.9	-14.9
WEST VIRGINIA	12	15	9	9	13	12	14	28	76	7.7	15.7	-50.0
WISCONSIN	26	34	21	31	40	30	34	59	69	-15.0	13.3	-42.4
WYOMING	12	12	13	9	6	10	5	21	81	-16.7	-50.0	-76.2
PUERTO RICO	77	82	76	84	106	85	111	157	73	4.7	30.6	-29.3
FOREIGN COUNTRIES	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
UNDISTRIBUTED 5/	13	12	13	13	11	12	10	33	76	-9.1	-16.7	-69.7
TOTAL	3323	4817	4126	4419	4681	4273	4943	4943	88	5.6	15.7	0.0

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 (1983-1988) FOR MONTH OF FEBRUARY 1/ PAGE 5
IN THOUSAND SHORT TONS

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH- QTY.	YR	-PERCENT CHANGE FROM-- ---CURRENT YEAR TO---		
										1987	5-YEAR AVG	RECORD YEAR
ALABAMA	4	7	5	7	9	6	7	10	77	-22.2	16.7	-30.0
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	2	4	2	3	3	3	2	5	73	-33.3	-33.3	-60.0
CALIFORNIA NORTHERN	4/	4/	4/	4/	4/	4/	4/	1	87	-100.0	0.0	-100.0
CALIFORNIA SOUTHERN	2	2	1	1	1	1	1	4/	88	0.0	0.0	-66.7
COLORADO	4/	4/	4/	4/	4/	4/	4/	3	73	0.0	0.0	0.0
CONNECTICUT 2/	4/	4/	4/	4/	4/	4/	4/	1	87	0.0	0.0	0.0
DELAWARE 2/	4/	4/	4/	4/	4/	4/	4/	1	87	0.0	0.0	0.0
DISTRICT OF COLUMBIA 2/	25	34	40	39	40	36	43	3	69	0.0	0.0	-100.0
FLORIDA	11	15	12	16	18	14	18	43	88	7.5	19.4	0.0
GEORGIA	11	15	12	16	18	14	18	18	73	0.0	28.6	0.0
HAWAII	1	1	4/	4/	4/	4/	4/	1	73	0.0	0.0	0.0
IDAHO	4/	4/	4/	4/	4/	4/	4/	4/	75	0.0	0.0	0.0
ILLINOIS	2	4	2	3	6	3	4	8	73	-33.3	33.3	-50.0
INDIANA	2	3	2	3	6	3	4	7	73	-33.3	33.3	-42.9
IOWA	4/	4/	4/	4/	4/	4/	4/	2	73	-100.0	0.0	-100.0
KANSAS	1	2	1	1	1	1	1	2	76	-50.0	0.0	-50.0
KENTUCKY	3	4	2	3	4	3	5	7	76	25.0	66.7	-28.6
LOUISIANA	5	7	4	4	3	5	2	12	69	-33.3	-60.0	-83.3
MAINE	4/	4/	4/	4/	4/	4/	4/	1	73	0.0	0.0	0.0
MARYLAND	4	7	7	5	8	6	8	8	87	0.0	33.3	0.0
MASSACHUSETTS 2/	1	2	2	2	2	2	2	2	87	0.0	0.0	0.0
MICHIGAN	4	5	3	4	8	5	6	8	87	-25.0	20.0	-25.0
MINNESOTA 2/	1	2	1	1	3	2	2	4	73	-33.3	0.0	-50.0
MISSISSIPPI	3	5	3	4	3	4	3	7	73	0.0	-25.0	-57.1
MISSOURI	2	5	1	2	3	3	2	5	84	-33.3	-33.3	-60.0
MONTANA	4/	4/	4/	4/	4/	4/	4/	4/	74	0.0	0.0	0.0
NEBRASKA	4/	1	1	4/	1	1	4/	1	77	-100.0	-100.0	-100.0
NEVADA	4/	1	1	1	1	1	4/	4/	79	0.0	0.0	0.0
NEW HAMPSHIRE 2/	4/	1	1	1	1	1	1	1	87	0.0	0.0	0.0
NEW JERSEY 2/	2	3	3	3	4	3	4	4	73	0.0	33.3	0.0
NEW MEXICO	1	1	4/	1	1	1	4/	1	74	-100.0	-100.0	-100.0
NEW YORK EASTERN	1	1	1	1	1	1	2	2	73	100.0	100.0	0.0
NEW YORK WESTERN	1	1	1	1	2	1	2	2	73	0.0	100.0	0.0
NEW YORK METROPOLITAN 2/	2	3	2	2	2	2	2	3	84	0.0	0.0	-33.3
NORTH CAROLINA	9	14	12	15	16	13	21	21	88	31.3	61.5	0.0
NORTH DAKOTA 2/	4/	4/	4/	4/	4/	4/	4/	1	73	0.0	0.0	-100.0
OHIO	6	6	3	5	10	6	8	15	69	-20.0	33.3	-46.7
OKLAHOMA	3	6	2	2	3	3	2	6	84	-33.3	-33.3	-66.7

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1983-1988) FOR MONTH OF FEBRUARY 1/ PAGE 6
IN THOUSAND SHORT TONS

STATE	1983	1984	1985	1986	1987	5-YEAR AVERAGE	1988	RECORD HIGH- QTY.	YR	-PERCENT CHANGE FROM-- --CURRENT YEAR TO--		
										1987	5-YEAR AVG	RECORD YEAR
OREGON	4/	4/	4/	4/	4/	4/	4/	4/	80	0.0	0.0	0.0
PENNSYLVANIA EASTERN	2	2	2	2	3	2	4	4	80	33.3	100.0	0.0
PENNSYLVANIA WESTERN	2	2	2	2	3	2	8	4	76	0.0	50.0	-25.0
RHODE ISLAND 2/	4/	4/	4/	4/	4/	4/	4/	4/	73	0.0	0.0	0.0
SOUTH CAROLINA	6	10	8	10	10	9	12	13	78	20.0	33.3	-7.7
SOUTH DAKOTA	4/	4/	4/	4/	4/	4/	4/	1	74	0.0	0.0	-100.0
TENNESSEE	7	10	6	9	13	9	11	15	73	-15.4	22.2	-26.7
TEXAS	18	26	19	17	12	18	11	26	84	-8.3	-38.9	-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/	4/	73	0.0	0.0	0.0
VIRGINIA	7	11	10	9	13	10	15	17	73	15.4	50.0	-11.8
WASHINGTON	4/	1	4/	4/	1	4/	4/	2	69	-100.0	0.0	-100.0
WEST VIRGINIA	1	1	4/	1	1	1	1	2	76	0.0	0.0	-50.0
WISCONSIN	2	2	1	2	2	2	2	4	73	0.0	0.0	-50.0
WYOMING	4/	4/	4/	4/	4/	4/	4/	4/	74	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	7	7	7	6	6	4	7	78	-33.3	-33.3	-42.9
TOTAL	147	221	170	190	230	192	220	259	73	-4.3	14.6	-15.1

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
JANUARY 1988 BY COUNTRY AND CUSTOMS DISTRICT 3/
(SHORT TONS)

[illegible]

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
JANUARY 1988 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	KOREA, REPUBLIC OF-	---MEXICO---	----SPAIN----	---VENEZUELA-	-----T O T A L 4/-----	
					---JANUARY---	---TO DATE---
BALTIMORE, MD.-----					11,158	11,158
BOSTON, MASS.-----			11,139		9,106	9,106
BUFFALO, N.Y.-----			260		36,362	36,362
DETROIT, MICH.-----					10,402	10,402
EL PASO, TEX.-----		38,153			38,153	38,153
GREAT FALLS, MONT.-----				40	40	40
HONOLULU, HAWAII-----					31,482	31,482
HOUSTON, TEX.-----			28,781		28,781	28,781
LAREDO, TEX.-----					13,172	13,172
LOS ANGELES, CALIF.-----	78,518	13,172			117,559	117,559
MIAMI, FLA.-----		28,353			101,472	101,472
MOBILE, ALA.-----		51,017	37,931	6,216	51,017	51,017
NEW ORLEANS, LA.-----		14,242	24,513		81,967	81,967
NEW YORK CITY, N.Y.-----		39,367			85,804	85,804
NORFOLK, VA.-----				6,195	39,367	39,367
OGDENSBURG, N.Y.-----					48,960	48,960
PEMUNA, N. DAK.-----					11,268	11,268
PORTLAND, MAINE-----		2,387			2,591	2,591
PORTLAND, OREG.-----					3,371	3,371
PROVIDENCE, R.I.-----					22,019	22,019
SAN DIEGO, CALIF.-----					20,480	20,480
SAN FRANCISCO, CALIF.-----		48,863			73,714	73,714
SAN JUAN, P.R.-----		15,156			32,156	32,156
SEATTLE, WASH.-----					5,545	5,545
ST. ALBANS, VT.-----					59,937	59,937
TAMPA, FLA.-----		81,959	4,424	15,363	13,638	13,638
VIRGIN ISLANDS OF U.S.-----					148,712	148,712
WILMINGTON, N.C.-----					1,535	1,535
					11,294	11,294
JANUARY:						
QUANTITY 4/-----	78,518	332,669	107,048	27,774	62	1,111,062
VALUE 5/-----	\$2,144,314	\$10,081,702	\$4,845,608	\$940,062	\$18,935	\$39,576,514
YEAR-TO-DATE:						
QUANTITY 4/-----	78,518	332,669	107,048	27,774	62	1,111,062
VALUE 5/-----	\$2,144,314	\$10,081,702	\$4,845,608	\$940,062	\$18,935	\$39,576,514

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 4. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
JANUARY 1988 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	BELGIUM, -LUXEMBOURG-	CANADA----	COLOMBIA--	DFNMARK--	MEXICO--	-----T O T A L 3/-----		
						JANUARY--	TO DATE--	
BUFFALO, N.Y.-----		W				W	W	
DETROIT, MICH.-----		W				W	W	
EL PASO, TEX.-----					227	227	227	
LAREDO, TEX.-----					180	180	180	
MIAMI, FLA.-----				1,300		1,300	1,300	
SAN DIEGO, CALIF.-----					412	412	412	
SAN JUAN, P.R.-----				W		W	W	
TAMPA, FLA.-----	173			2,888		2,888	2,888	
VIRGIN ISLANDS OF U.S.-----			1,535			1,535	1,535	
JANUARY:								
QUANTITY 3/-----	173	W	1,535	W	819	18,765		
VALUE 4/-----	\$20,156		\$63,200	W	\$99,584	\$1,851,206		
YEAR-TO-DATE:								
QUANTITY 3/-----	173	W	1,535	W	819		18,765	
VALUE 4/-----	\$20,156	W	\$63,200	W	\$99,584		\$1,851,206	

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.

TABLE 7. - CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES
JANUARY 1988 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	---CANADA---	---FRANCE---	---JAPAN---	---MEXICO---	---SPAIN---	-----T O T A L 3/----- --JANUARY-- --TO DATE--
HONOLULU, HAWAII-----			31,482			31,482
LAREDO, TEX.-----				6,060		6,060
MOBILE, ALA.-----				51,017		51,017
NEW ORLEANS, LA.-----		8,676				8,676
OGDENSBURG, N.Y.-----	373					373
PORTLAND, MAINE-----				2,387		2,387
SEATTLE, WASH.-----	3,123					3,123
TAMPA, FLA.-----					4,424	4,424
JANUARY:						
QUANTITY 3/-----	3,496	8,676	31,482	59,464	4,424	107,542
VALUE 4/-----	\$113,239	\$308,335	\$921,060	\$1,226,800	\$757,140	\$3,326,574
YEAR-TO-DATE:						
QUANTITY 3/-----	3,496	8,676	31,482	59,464	4,424	107,542
VALUE 4/-----	\$113,239	\$308,335	\$921,060	\$1,226,800	\$757,140	\$3,326,574

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.

FIRST CLASS

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Table 8.—Salient cement statistics

Year or month	Thousand short tons					Average price 5/ (current \$7s.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
1987:						
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	1,380	3	NA	63.73
Dec	6,052	NA	1,260	2	NA	63.73
1988:						
Jan	4,110	NA	1,111	1	NA	64.08
Feb	5,165	NA	NA	NA	NA	64.07

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