



MINERAL INDUSTRY SURVEYS

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



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Cement, Monthly

CEMENT IN JANUARY 1984

Effective with this report, revisions have been made in Table 2.--Cement Shipments by Destination. For reporting purposes, Illinois and Texas have been divided into two intrastate districts each. For Illinois, table 2 now aggregates data for the Chicago metropolitan area separately from the rest of the State. The change was made to provide more definitive information on the consumption of cement in Illinois. Table 1.--Cement Shipments by Producing Districts, was not revised. Production data continue to be reported on a Statewide basis in Illinois. For Texas, the revision in table 2 reflects a previous decision to establish two districts within Texas because of the large number of operations in the State. Table 1 was revised accordingly beginning in January 1983.

Continuing a precedent established in prior years, this January report defines the boundaries of all intrastate cement districts appearing in tables 1-4:

California, Northern.--Points north and west of the northern borders of San Luis Obispo and Kern Counties and the western borders of Inyo and Mono Counties.
California, Southern.--All other counties in California.

Chicago, Metropolitan.--The seven Illinois counties of Cook, DuPage, Kane, Kendall, Lake, McHenry, and Will.
Illinois.--All other counties in Illinois.

New York, Western.--All counties west of a dividing line following the eastern boundaries of St. Lawrence, Lewis, Oneida, Madison, Chenango, and Broome Counties.
New York, Eastern.--All counties east of the above dividing line, except metropolitan New York.
New York, Metropolitan.--The five counties of New York City (Bronx, Kings, New York, Queens, and Richmond) plus Westchester, Rockland, Suffolk, and Nassau Counties.

Pennsylvania, Eastern.--All counties east of the eastern boundaries of Potter, Clinton, Centre, Huntingdon, and Franklin Counties.

Pennsylvania, Western.--All other counties in Pennsylvania.

Texas, Northern.--All counties north of a dividing line following the northern borders of Jeff Davis, Pecos, Crockett, Schleicher, Menard, Mason, Llano, Burnet, Williamson, Milam, Robertson, Brazos, Madison, Walker, San Jacinto, Polk, Tyler, Jasper, and Newton Counties.

Texas, Southern.--All counties south of the above dividing line.

Portland cement shipments in the United States and Puerto Rico were 3.83 million short tons in January, according to the Bureau of Mines, U.S. Department of the Interior. This was 8% above shipments in January 1983.

The leading portland cement producing States (Texas, California, Florida, Alabama, and Pennsylvania) shipped 52% of the January total. Texas, California, Florida, Arizona, and Georgia, the leading consuming States, received 54% of total shipments.

Masonry cement shipments of 158,000 tons in January were 6% above shipments in January 1983. The leading producing States or districts (Florida, Texas, North Carolina-South Carolina, Indiana-Kentucky, and Alabama) shipped 55% of the total and leading consuming States (Florida, Texas, Georgia, North Carolina, and foreign countries) received 51% of total shipments.

Imports of cement and clinker were 405,000 tons in January, or 176% above imports in January 1983. The principal import sources were, in descending order, Mexico, Spain, Canada, and Venezuela.

Because complete import data were not available for this report, table 5 gives a short summary of January imports. Detailed tables of January imports will appear in a subsequent Mineral Industry Surveys.

TABLE 1. - CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF JANUARY 1984 1/

DISTRICT	FINISHED PORTLAND CEMENT (SHORT TONS)2/		PREPARED MASONRY CEMENT (SHORT TONS)	
	JANUARY	YEAR TO DATE	JANUARY	YEAR TO DATE
NEW YORK, MAINE	115,748	115,748	2,903	2,903
PENNSYLVANIA EASTERN	148,711	148,711	6,015	6,015
PENNSYLVANIA WESTERN	34,356	34,356	1,939	1,939
MARYLAND, VIRGINIA, WEST VIRGINIA	139,681	139,681	11,284	11,284
OHIO	38,642	38,642	3,124	3,124
MICHIGAN, WISCONSIN	85,854	85,854	5,033	5,033
INDIANA, KENTUCKY	56,671	56,671	13,640	13,640
ILLINOIS	51,126	51,126	4/	4/
GEORGIA, TENNESSEE	106,308	106,308	8,636	8,636
NORTH CAROLINA, SOUTH CAROLINA	136,908	136,908	15,056	15,056
FLORIDA	280,565	280,565	29,371	29,371
ALABAMA	198,264	198,264	12,506	12,506
ARKANSAS, LOUISIANA, MISSISSIPPI	134,048	134,048	3,968	3,968
SOUTH DAKOTA	10,953	10,953	99	99
IOWA	35,213	35,213	1,110	1,110
MISSOURI	125,437	125,437	8,361	8,361
KANSAS, NEBRASKA	95,526	95,526	3,608	3,608
OKLAHOMA	93,440	93,440	3,231	3,231
TEXAS NORTHERN	354,547	354,547	11,947	11,947
TEXAS SOUTHERN	317,552	317,552	4,436	4,436
IDAHO, MONTANA, UTAH	50,411	50,411	206	206
COLORADO, WYOMING	66,538	66,538	4/	4/
ALASKA, OREGON, WASHINGTON	77,708	77,708	349	349
ARIZONA, NEVADA, NEW MEXICO	172,727	172,727	6,777	6,777
CALIFORNIA NORTHERN	165,865	165,865		
CALIFORNIA SOUTHERN	493,384	493,384	4/	4/
HAWAII	16,975	16,975	398	398
PUERTO RICO	72,770	72,770		
U.S. TOTAL.....	3,675,928	3,675,928	156,711	156,711
FOREIGN IMPORTS.....3/	151,176	151,176	1,201	1,201
TOTAL SHIPMENTS.....	3,827,104	3,827,104	157,912	157,912

- 1/ REVISIONS AND CORRECTIONS SUBMITTED AFTER THE INITIAL REPORT WILL BE 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.
- 4/ WITHHELD TO AVOID DISCLOSING INDIVIDUAL COMPANY PROPRIETARY DATA; INCLUDED IN TOTALS

TABLE 2. - CEMENT SHIPMENTS BY DESTINATION FOR MONTH OF JANUARY, 1984 1/2/

STATE	FINISHED PORTLAND CEMENT (SHORT TONS) 3/		PREPARED MASONRY CEMENT (SHORT TONS)	
	JANUARY	YEAR TO DATE	JANUARY	YEAR TO DATE
ALABAMA	68,098	68,098	4,785	4,785
ALASKA	3,309	3,309	5/	5/
ARIZONA	154,898	154,898	5/	5/
ARKANSAS	29,848	29,848	1,910	1,910
CALIFORNIA NORTHERN	210,151	210,151		
CALIFORNIA SOUTHERN	419,912	419,912	5/	5/
COLORADO	69,685	69,685	1,575	1,575
CONNECTICUT 4/	23,812	23,812	404	404
DELAWARE 4/	4,450	4,450	334	334
DISTRICT OF COLUMBIA 4/	5,272	5,272	24	24
FLORIDA	409,381	409,381	34,357	34,357
GEORGIA	144,920	144,920	11,340	11,340
HAWAII	16,975	16,975	398	398
IDAHO	5,209	5,209	33	33
ILLINOIS	33,580	33,580	1,136	1,136
CHICAGO METROPOLITAN 4/	23,839	23,839	1,114	1,114
INDIANA	27,300	27,300	2,047	2,047
IOWA	15,524	15,524	297	297
KANSAS	40,431	40,431	741	741
KENTUCKY	22,256	22,256	2,019	2,019
LOUISIANA	140,355	140,355	4,690	4,690
MAINE	8,289	8,289	359	359
MARYLAND	49,278	49,278	4,489	4,489
MASSACHUSETTS 4/	47,939	47,939	1,425	1,425
MICHIGAN	37,262	37,262	2,373	2,373
MINNESOTA 4/	28,151	28,151	1,271	1,271
MISSISSIPPI	38,609	38,609	3,127	3,127
MISSOURI	44,497	44,497	4,321	4,321
MONTANA	5,123	5,123	23	23
NEBRASKA	11,169	11,169	341	341
NEVADA	29,806	29,806		
NEW HAMPSHIRE 4/	8,188	8,188	462	462
NEW JERSEY 4/	49,432	49,432	1,556	1,556
NEW MEXICO	40,591	40,591	562	562
NEW YORK EASTERN	8,408	8,408	834	834
NEW YORK WESTERN	13,845	13,845	819	819
NEW YORK METROPOLITAN 4/	57,287	57,287	1,767	1,767
NORTH CAROLINA	85,470	85,470	11,322	11,322
NORTH DAKOTA 4/	3,516	3,516	78	78
OHIO	58,697	58,697	3,233	3,233
OKLAHOMA	96,595	96,595	3,236	3,236
OREGON	28,259	28,259	8	8
PENNSYLVANIA EASTERN	46,243	46,243	1,469	1,469
PENNSYLVANIA WESTERN	30,428	30,428	1,632	1,632
PUERTO RICO	72,645	72,645		
RHODE ISLAND 4/	6,141	6,141	124	124
SOUTH CAROLINA	57,459	57,459	6,789	6,789
SOUTH DAKOTA	3,964	3,964	100	100
TENNESSEE	47,634	47,634	5,599	5,599
TEXAS NORTHERN	349,552	349,552	10,602	10,602
TEXAS SOUTHERN	369,295	369,295	6,190	6,190
UTAH	27,404	27,404	93	93
VERMONT 4/	2,219	2,219	95	95
VIRGINIA	84,933	84,933	6,895	6,895
WASHINGTON	57,329	57,329	413	413
WEST VIRGINIA	9,601	9,601	701	701
WISCONSIN	23,664	23,664	932	932
WYOMING	11,328	11,328	36	36
U.S. POSS. AND TERR.	5/	5/	5/	5/
FOREIGN COUNTRIES 6/	7,649	7,649	7,432	7,432
TOTAL SHIPMENTS.....	3,827,104	3,827,104	157,912	157,912

- 1/ REVISIONS AND CORRECTIONS SUBMITTED AFTER THE INITIAL REPORT WILL BE 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 (1979-1984) FOR MONTH OF JANUARY 1 / 2 /
IN THOUSAND SHORT TONS

STATE	1979	1980	1981	1982	1983	5-YEAR AVERAGE	1984	RECORD HIGH-		1983	---PERCENT CHANGE FROM---	
								QTY.	YR		---CURRENT YEAR TO---	RECORD YEAR
ALABAMA	65	78	76	41	60	64	68	90	73	13.3	6.3	-24.4
ALASKA	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/	4/
ARIZONA	117	114	121	89	117	112	155	155	84	32.5	38.4	0.0
ARKANSAS	15	46	46	22	35	33	30	51	76	-14.3	-9.1	-41.2
CALIFORNIA NORTHERN	200	211	152	117	131	162	210	235	66	60.3	29.6	-10.6
CALIFORNIA SOUTHERN	359	313	333	261	265	306	420	472	70	58.5	37.3	-11.0
COLORADO	57	63	85	70	69	69	70	85	81	1.4	1.4	-17.6
CONNECTICUT 3/	25	35	15	14	28	23	24	49	73	-14.3	4.3	-51.0
DELAWARE 3/	4	7	3	3	7	5	4	11	73	-42.9	-20.0	-63.6
DISTRICT OF COLUMBIA 3/	10	7	5	5	10	7	5	25	75	-50.0	-28.6	-80.0
FLORIDA	347	410	441	310	314	364	409	550	74	30.3	12.4	-25.6
GEORGIA	130	136	131	76	121	119	195	145	84	19.8	21.8	0.0
HAWAII	31	28	26	13	18	23	17	41	75	-5.6	-26.1	-58.5
IDAHO	4	8	11	2	8	7	5	22	70	-37.5	-28.6	-77.3
ILLINOIS	35	97	106	54	75	73	56	153	73	-25.3	-23.3	-63.4
INDIANA	22	53	35	17	35	32	27	69	73	-22.9	-15.6	-60.9
IOWA	14	23	20	6	13	15	16	30	74	23.1	6.7	-46.7
KANSAS	13	52	65	34	42	41	40	65	81	-4.8	-2.4	-38.5
KENTUCKY	15	36	27	18	33	26	22	55	73	-33.3	-15.4	-60.0
LOUISIANA	147	176	178	160	168	166	140	178	81	-16.7	-15.7	-21.3
MAINE	6	8	6	5	6	6	8	11	73	33.3	33.3	-27.3
MARYLAND	51	77	46	27	69	54	49	89	73	-29.0	-9.3	-44.9
MASSACHUSETTS 3/	38	48	35	30	44	39	48	74	73	9.1	23.1	-35.1
MICHIGAN	51	61	42	26	32	42	37	105	73	15.6	-11.9	-64.8
MINNESOTA 3/	31	36	32	18	24	28	28	51	73	16.7	0.0	-45.1
MISSISSIPPI	34	48	56	33	38	42	39	56	81	2.6	-1.1	-30.4
MISSOURI	15	60	65	19	53	42	44	66	73	-17.0	4.8	-33.3
MONTANA	3	8	9	5	8	7	5	10	69	-37.5	-28.6	-50.0
NEBRASKA	10	14	18	6	9	11	11	20	73	22.2	0.0	-45.0
NEVADA	36	35	33	23	24	30	30	37	78	25.0	0.0	-18.9
NEW HAMPSHIRE 3/	9	12	6	10	9	9	8	12	80	-11.1	-33.3	-33.3
NEW JERSEY 3/	61	88	48	29	58	57	49	139	73	-15.5	-14.0	-64.7
NEW MEXICO	34	39	41	37	34	37	41	41	81	20.6	10.8	0.0
NEW YORK EASTERN	16	18	8	12	8	12	8	36	72	0.0	-33.3	-77.8
NEW YORK WESTERN	19	27	21	16	25	22	14	48	73	-44.0	-36.4	-70.8
NEW YORK METROPOLITAN 3/	29	50	31	34	58	40	57	135	73	-1.7	42.5	-57.8
NORTH CAROLINA	76	89	85	36	69	71	85	110	74	23.2	19.7	-22.7
NORTH DAKOTA 3/	7	14	8	8	7	9	4	14	80	-42.9	-55.6	-71.4
OHIO	59	102	65	47	75	70	59	161	73	-21.3	-15.7	-63.4
OKLAHOMA	30	103	131	117	118	100	97	131	81	-17.8	-3.0	-26.0

TABLE 3. - SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1979-1984) FOR MONTH OF JANUARY 1/ 2/
IN THOUSAND SHORT TONS

STATE	1979	1980	1981	1982	1983	5-YEAR AVERAGE	1984	RECORD HIGH-		1983	-PERCENT CHANGE FROM--	
								QTY.	YR		---CURRENT YEAR TO---	RECORD YEAR
OREGON	35	34	40	22	22	31	28	50	78	27.3	-9.7	-44.0
PENNSYLVANIA EASTERN	48	90	49	35	58	56	46	126	73	-20.7	-17.9	-63.5
PENNSYLVANIA WESTERN	30	40	24	22	30	29	30	51	73	0.0	3.4	-41.2
RHODE ISLAND 3/	7	6	3	3	5	5	6	14	67	20.0	20.0	-57.1
SOUTH CAROLINA	54	51	61	34	48	50	57	70	74	18.8	14.0	-18.6
SOUTH DAKOTA	4	5	6	2	3	4	4	7	73	33.3	0.0	-42.9
TENNESSEE	34	65	62	34	54	50	48	86	73	-11.1	-4.0	-44.2
TEXAS	347	631	679	612	682	590	719	719	84	5.4	21.9	0.0
UTAH	25	30	39	18	34	29	27	42	78	-20.6	-6.9	-35.7
VERMONT 3/	2	3	3	1	3	2	2	4	73	-33.3	0.0	-50.0
VIRGINIA	77	102	74	38	85	75	85	144	74	0.0	13.3	-41.0
WASHINGTON	66	74	84	43	57	65	57	93	67	0.0	-12.3	-38.7
WEST VIRGINIA	13	22	13	12	17	15	10	22	80	-41.2	-33.3	-54.5
WISCONSIN	19	34	27	12	21	23	24	60	68	14.3	4.3	-60.0
WYOMING	12	17	24	18	16	17	11	24	81	-31.3	-35.3	-54.2
PUERTO RICO	106	121	88	75	66	91	73	150	73	10.6	-19.8	-51.3
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/	8	11	59	20	11	22	11	23	76	0.0	-50.0	-52.2
TOTAL	3112	4166	3997	2851	3529	3531	3822	4497	73	8.3	8.2	-15.0

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 (1979-1984) FOR MONTH OF JANUARY 1/
IN THOUSAND SHORT TONS

STATE	1979	1980	1981	1982	1983	5-YEAR AVERAGE	1984	RECORD HIGH- QTY.	YR	1983	5-YEAR AVE	PERCENT CHANGE FROM-- --CURRENT YEAR TO--	RECORD YEAR
ALABAMA	6	6	5	3	5	5	5	8	73	0.0	0.0	-37.5	
ALASKA	3/	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/	3/
ARKANSAS	1	3	3	1	3	2	2	4	73	-33.3	0.0	-50.0	
CALIFORNIA										0.0	0.0	0.0	
CALIFORNIA NORTHERN										0.0	0.0	0.0	
CALIFORNIA SOUTHERN										0.0	0.0	0.0	
COLORADO	2	2	2	1	4/	4/	1	4/	84	0.0	0.0	0.0	
CONNECTICUT	4/	1	1	4/	1	2	2	3	73	100.0	0.0	-33.3	
DELAWARE	4/	4/	4/	4/	4/	4/	4/	1	80	-100.0	-100.0	-100.0	
DISTRICT OF COLUMBIA	2/	4/	4/	4/	4/	4/	4/	3	67	0.0	0.0	-100.0	
FLORIDA	24	32	30	23	23	26	34	34	73	47.8	30.8	0.0	
GEORGIA	9	10	11	6	13	10	11	17	73	-15.4	10.0	-35.3	
HAWAII	1	1	1	4/	4/	4/	4/	1	74	0.0	-100.0	-100.0	
IDAHO	4/	4/	4/	4/	4/	4/	4/	4/	81	0.0	0.0	0.0	
ILLINOIS	2	5	4	1	2	3	2	8	73	0.0	-33.3	-75.0	
INDIANA	1	4	3	1	2	2	2	7	73	0.0	0.0	-71.4	
IOWA	1	1	1	4/	4/	4/	4/	1	73	0.0	-100.0	-100.0	
KANSAS	4/	1	1	1	1	1	1	2	73	0.0	0.0	-50.0	
KENTUCKY	1	4	3	1	3	2	2	8	73	-33.3	0.0	-75.0	
LOUISIANA	6	6	6	4	5	5	5	6	81	0.0	0.0	-16.7	
MAINE	4/	4/	4/	4/	4/	4/	4/	1	74	0.0	0.0	-100.0	
MARYLAND	3	7	4	2	6	4	4	9	73	-33.3	0.0	-55.6	
MASSACHUSETTS	1	2	1	1	1	1	1	3	73	0.0	0.0	-66.7	
MICHIGAN	2	5	4	2	3	3	2	13	67	-33.3	-33.3	-84.6	
MINNESOTA	1	1	1	4/	1	1	1	3	68	0.0	0.0	-66.7	
MISSISSIPPI	3	4	4	2	3	3	3	5	72	0.0	0.0	-40.0	
MISSOURI	4/	2	2	4/	2	1	4	4	84	100.0	300.0	0.0	
MONTANA	4/	4/	4/	4/	4/	4/	4/	4/	73	0.0	0.0	0.0	
NEBRASKA	4/	4/	1	4/	4/	4/	4/	1	81	0.0	0.0	-100.0	
NEVADA	4/	4/	4/	4/	4/	4/	4/	4/	79	0.0	0.0	0.0	
NEW HAMPSHIRE	2/	1	4/	4/	4/	4/	4/	4/	73	0.0	0.0	-100.0	
NEW JERSEY	2/	3	2	1	3	4/	4/	5	73	-33.3	0.0	-60.0	
NEW MEXICO	1	4/	1	4/	1	1	1	1	73	0.0	0.0	0.0	
NEW YORK	4/	1	4/	1	1	1	1	2	73	0.0	0.0	-50.0	
NEW YORK EASTERN	1	1	1	1	1	1	1	3	73	0.0	0.0	-66.7	
NEW YORK METROPOLITAN	2/	1	1	1	1	1	1	3	73	0.0	100.0	-33.3	
NORTH CAROLINA	10	10	10	5	10	9	11	18	72	10.0	22.2	-38.9	
NORTH DAKOTA	2/	4/	4/	4/	4/	4/	4/	4/	73	0.0	0.0	0.0	
OHIO	2	6	4	2	4	4	4	15	73	-25.0	-25.0	-80.0	
OKLAHOMA	1	3	3	2	4	3	3	5	74	-25.0	0.0	-40.0	

TABLE 4. - SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1979-1984) FOR MONTH OF JANUARY 1/
IN THOUSAND SHORT TONS

STATE	1979	1980	1981	1982	1983	5-YEAR AVERAGE	1984	RECORD HIGH- QTY.	YR	--PERCENT CHANGE FROM--		
										1983	5-YEAR AVE	RECORD YEAR
OREGON	4/	4/	4/	4/	4/	4/	4/	4/	77	0.0	0.0	0.0
PENNSYLVANIA EASTERN	1	3	2	1	2	2	1	5	73	-50.0	-50.0	-80.0
PENNSYLVANIA WESTERN	2	2	2	1	2	2	2	4	73	0.0	0.0	-50.0
RHODE ISLAND 2/	4/	4/	4/	4/	4/	4/	4/	4/	73	0.0	0.0	0.0
SOUTH CAROLINA	7	7	7	4	6	6	7	10	73	16.7	16.7	-30.0
SOUTH DAKOTA	4/	4/	4/	4/	4/	4/	4/	4/	73	0.0	0.0	0.0
TENNESSEE	3	7	6	3	6	5	6	12	73	0.0	20.0	-50.0
TEXAS	10	15	14	13	17	14	17	17	83	0.0	21.4	0.0
UTAH	4/	4/	4/	4/	4/	4/	4/	4/	79	0.0	0.0	0.0
VERMONT 2/	4/	4/	4/	4/	4/	4/	4/	4/	73	0.0	0.0	0.0
VIRGINIA	5	8	7	3	7	6	7	16	73	0.0	16.7	-56.3
WASHINGTON	4/	4/	1	4/	4/	4/	4/	1	81	0.0	0.0	-100.0
WEST VIRGINIA	1	2	1	1	1	1	1	2	73	0.0	0.0	-50.0
WISCONSIN	1	1	2	1	1	1	1	3	73	0.0	0.0	-66.7
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
U.S. POSS. AND TERR.	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/	3/
FOREIGN COUNTRIES	9	6	8	3	6	6	7	8	78	16.7	16.7	-12.5
UNDISTRIBUTED 5/	120	175	160	92	150	139	155	257	73	3.3	11.5	-39.7
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.--Summary of cement and clinker imported for consumption
in the United States and Puerto Rico, January 1984
(Short tons and thousand dollars ^{1/})

Country of origin	Hydraulic cement, NSPF		White cement		Clinker	
	Quantity	Value	Quantity	Value	Quantity	Value
Belgium-----	--	--	943	132	--	--
Canada-----	46,239	1,536	W	W	11,541	355
Costa Rica-----	47	3	--	--	--	--
France-----	--	--	--	--	34,625	W
Mexico-----	120,131	4,625	1,240	87	25,977	W
Spain-----	98,555	3,296	W	W	--	--
Venezuela-----	54,658	1,631	--	--	--	--
Yugoslavia-----	88	18	--	--	132	24
Total-----	319,718	11,109	13,116	1,723	72,275	2,219

W Withheld to avoid disclosing company proprietary data.

^{1/} C.i.f. value (Customs value plus insurance and freight charges).

SOURCE: U.S. BUREAU OF THE CENSUS.

Table 6.—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	82,297	80,317	3,088	125	6,425	19.01
1972	85,282	84,556	4,911	101	7,036	20.59
1973	90,727	87,573	6,686	825	5,557	22.23
1974	82,914	82,888	5,732	290	7,510	26.79
1975	70,684	69,721	3,702	494	6,923	31.41
1976	75,226	74,495	3,107	466	7,185	34.25
1977	81,614	80,060	4,038	239	6,074	36.76
1978	87,999	85,481	6,597	58	5,351	41.17
1979	87,153	85,904	9,412	151	6,637	46.61
1980	77,723	76,709	5,263	186	6,685	51.29
1981	74,682	72,932	3,997	303	7,408	52.46
1982	67,040	64,341	2,930	203	6,789	51.43
1983:						
Jan	3,708	NA	147	4.5	NA	63.18
Feb	3,471	NA	172	4	NA	62.57
Mar	4,999	NA	180	9	NA	62.34
Apr	5,562	NA	308	12	NA	61.89
May	r/6,576	NA	332	14	NA	61.89
Jun	r/7,728	NA	442	14	NA	62.55
Jul	7,289	NA	430	11	NA	62.34
Aug	r/8,195	NA	531	14	NA	61.80
Sep	r/7,734	NA	411	14	NA	61.79
Oct	7,623	NA	502	10	NA	61.88
Nov	6,424	NA	469	7	NA	61.98
Dec	4,361	NA	311	5	NA	61.98
1984:						
Jan	3,985	NA	405	4	NA	62.47

r/ Revised.

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. The quotations are significantly higher than the canvass data, 21% higher in 1982.