

Clay Construction Products: First Quarter 2003

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Table 1. Summary of Production and Shipments of Principal Types of Clay Construction Products: 2001 to 2003
 [Value in thousands of dollars]

Year and quarter	Brick, building or common and facing			Clay floor and wall tile			Vitrified clay sewer pipe and fittings		
	Production (quantity)	Shipments		Production (quantity)	Shipments		Production (quantity)	Shipments	
		Quantity	Value		Quantity	Value		Quantity	Value
Year-to-date:									
2003.....	1,985,436	1,718,176	352,712	157,113	157,946	194,058	35,406	25,243	9,200
2002.....	1,898,749	1,754,638	376,729	158,979	170,376	221,250	36,135	33,452	12,615
2003									
First quarter.....	1,985,436	1,718,176	352,712	157,113	157,946	194,058	35,406	25,243	9,200
2002									
Total.....	8,495,943	8,110,054	1,736,796	630,607	638,457	828,245	153,292	130,460	48,876
Fourth quarter.....	2,132,914	1,899,573	397,613	157,040	147,688	181,390	33,637	21,972	8,609
Third quarter.....	2,280,400	2,249,499	483,337	145,438	154,298	206,832	39,796	40,685	15,315
Second quarter.....	2,183,880	2,206,344	479,117	169,150	166,095	218,773	43,724	34,351	12,337
First quarter.....	1,898,749	1,754,638	376,729	158,979	170,376	221,250	36,135	33,452	12,615
2001									
Total.....	8,311,992	7,954,914	1,691,728	589,795	591,080	776,268	160,395	155,992	58,666
Fourth quarter.....	2,016,334	1,943,171	409,195	135,902	141,209	187,396	40,719	37,585	14,299
Third quarter.....	2,142,516	2,140,641	462,957	130,196	138,757	181,598	43,932	47,058	16,242
Second quarter.....	2,125,528	2,164,045	456,432	160,324	155,200	200,723	42,807	39,610	15,642
First quarter.....	2,027,614	1,707,057	363,144	163,373	155,914	206,551	32,937	31,739	12,483

Note: Production and shipment quantities are in thousands of bricks [2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent] for brick, building or common and facing; thousands of square feet for clay floor and wall tile; and short tons for vitrified clay sewer pipe and fittings.

Table 2. Production and Shipments of Brick, Building or Common and Facing by Region and State
 [Quantity in thousands of bricks: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent. Value in thousands of dollars]

Region and state	First quarter 2003						Fourth quarter 2002		
	Production (quantity)	Shipments			Production (quantity)	Shipments			
		Quantity	Value			Quantity	Value		
United States.....	a/ 1,985,436	a/ 1,718,176	a/ 352,712	a/ 2,132,914	a/ 1,899,573	a/ 397,613			
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	b/ 16,507	b/ 11,992	b/ 3,543	b/ 19,122	b/ 16,448	b/ 4,862			
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	a/ 91,993	61,505	14,488	99,556	102,342	25,304			
East North Central.....	149,104	114,658	26,594	174,588	165,561	37,660			
Ohio.....	a/ 92,533	a/ 63,239	a/ 16,031	a/ 101,188	a/ 97,384	24,335			
Other (Illinois, Indiana, Michigan, and Wisconsin).....	a/ 56,571	51,419	10,563	73,400	68,177	13,325			
West North Central.....	108,644	83,994	18,906	108,266	97,530	21,609			
Kansas and Missouri.....	35,411	28,446	5,677	34,514	30,988	6,276			
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	b/ 73,233	b/ 55,548	b/ 13,229	b/ 73,752	b/ 66,542	15,333			
South Atlantic.....	698,047	638,324	116,210	794,859	668,240	125,336			
Virginia.....	97,115	73,105	15,687	121,816	a/ 91,398	a/ 19,249			
North Carolina.....	a/ 323,252	a/ 289,822	a/ 51,683	a/ 367,402	a/ 300,703	a/ 53,712			
South Carolina.....	107,698	111,480	24,388	117,203	107,233	23,419			
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	a/ 169,982	a/ 163,917	b/ 24,452	a/ 188,438	a/ 168,906	b/ 28,956			
East South Central.....	380,280	355,767	58,594	388,474	352,488	56,114			
Alabama.....	179,148	182,270	30,649	187,528	171,931	27,642			
Other (Kentucky, Mississippi, and Tennessee).....	201,132	173,497	27,945	a/ 200,946	a/ 180,557	a/ 28,472			
West South Central.....	413,844	351,252	79,264	407,291	363,196	81,958			
Arkansas.....	(D)	(D)	(D)	(D)	(D)	(D)			
Louisiana.....	(D)	(D)	(D)	(D)	(D)	(D)			
Oklahoma.....	(D)	(D)	(D)	(D)	(D)	(D)			
Texas.....	250,930	208,281	45,929	242,462	208,395	45,314			
Mountain.....	b/ 80,028	b/ 59,812	b/ 16,572	c/ 79,798	c/ 76,106	c/ 22,211			
Colorado.....	(D)	(D)	(D)	(D)	(D)	(D)			
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	(D)	(D)	(D)	(D)	(D)	(D)			
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/ 46,989	c/ 40,872	b/ 18,541	c/ 60,960	c/ 57,662	c/ 22,559			

D Withheld to avoid disclosing data for individual companies.

Note: Percent of estimation for each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 3. Production and Shipments of Clay Construction Products
[Value in thousands of dollars]

Product code	Product description	First quarter 2003			Fourth quarter 2002		
		Production (quantity)	Shipments		Production (quantity)	Shipments	
			Quantity	Value		Quantity	Value
3271210110	Brick, building or common and facing..... a/	1,985,436 a/	1,718,176 a/	352,712 a	2,132,914 a/	1,899,573 a/	397,613
3271210221	Structural facing tile and ceramic glazed brick..... a/	4,415 b/	3,692 b/	2,205 a/	4,018 b/	3,633 b/	1,980
3271210226	Structural clay tile (except facing)..... c/	6,449 c/	9,888 c/	2,496 c/	10,399 c/	10,514 c/	2,202
3271220000	Clay floor and wall tile..... c/	157,113 c/	157,946 c/	194,058 c/	157,040 c/	147,688 c/	181,390
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches..... c/	79,382 c/	80,303 c/	93,493 c/	76,936 c/	70,664 c/	86,702
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches..... b/	45,821 b/	44,212 b/	40,090 b/	47,960 b/	45,331 b/	44,054
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(D)	(D)	(D)	(D)
3271220131	Unglazed tile, including unglazed quarry tile having a facial area greater than or equal to 6 square inches.....	(D)	(D)	(D)	(D)	(D)	(D)
3271231000	Vitrified clay sewer pipe and fittings..... a/	35,406 a/	25,243	9,200	33,637	21,972	8,609

D Withheld to avoid disclosing data for individual companies.

Note: Production and shipment quantities are in the thousands of bricks [2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent] for bricks, building or common and facing and structural facing tile and ceramic glazed brick; short tons for structural clay tile (except facing) and vitrified clay sewer pipe fittings; and thousands of feet for clay floor and wall tile. Percent of estimation for each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 4. Shipments, Exports, and Imports of Selected Clay Construction Products: First Quarter 2003
 [Value in thousands of dollars]

Product description	Unit of measure	Manufacturers' shipments		Exports of domestic merchandise		Percent exports to manufacturers' shipments	
		Quantity (f.o.b. plant)	Value	Quantity	Value at port	Quantity	Value 1/
Brick, building or common and facing 2/.....	1,000 bricks.....	1,718,176	352,712	7,467	1,715	0.4	0.5
Structural clay tile and ceramic glazed brick.....(X).....	(X)	4,701	(X)	640	(X)	13.6
Clay floor and wall tile 3/.....	1,000 sq meters.....	14,674	194,058	603	5,594	4.1	2.9
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	22,900	9,200	171	517	0.8	5.6
		Imports for consumption		Apparent consumption 6/		Percent imports to apparent consumption	
		Quantity	Value 5/	Quantity	Value 1/	Quantity	Value
Brick, building or common and facing 2/.....	1,000 bricks.....	3,699	1,177	1,714,408	352,174	0.2	0.3
Structural clay tile and ceramic glazed brick.....(X).....	(X)	887	(X)	4,948	(X)	17.9
Clay floor and wall tile 3/.....	1,000 sq meters.....	49,169	404,966	63,240	593,430	77.8	68.2
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	80	201	22,809	8,884	0.4	2.3

X Not applicable.

1/Value calculations are based on the estimated producers' value of exports.

2/Import and export data include data for floor, paving, and sewer brick; and export data include data for heat insulating building brick: manufacturers' shipments does not include data for floor, paving, sewer, and heat insulating building brick.

3/A conversion factor of 0.092903 thousands of square meters per one thousand square feet was used to convert manufacturers' shipments from thousands of square feet to thousands of square meters.

4/A conversion factor of 0.907185 metric tons per one short ton was used to convert manufacturers' shipments from short tons to metric tons. Import and export data include data for guttering, other conduits, other fittings, and other pipe: manufacturers' shipments does not include data for guttering, other conduits, other fittings, and other pipe.

5/Represents the c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States.

6/Apparent consumption is equal to manufacturers' shipments plus imports minus exports.

Note: Schedule B export codes and HTSUSA import codes are listed in Table 6 of the 2001 summary report, MQ327D(01)-5, "Clay Construction Products," issued October 2002.