

Clay Construction Products: Fourth 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.....	8,601,442	8,542,064	1,827,093	652,198	671,755	812,401	142,851	150,686	51,230
2002.....	8,469,465	8,040,874	1,714,504	622,433	649,488	825,229	159,248	139,086	50,352
2003									
Total.....	8,601,442	8,542,064	1,827,093	652,198	671,755	812,401	142,851	150,686	51,230
Fourth quarter.....	2,200,878	2,224,225	483,509	168,121	179,047	212,265	40,025	36,653	11,014
Third quarter.....	2,233,620	2,348,188	518,312	158,454	167,554	204,045	40,601	47,766	16,833
Second quarter.....	2,185,637	2,251,426	472,793	168,511	167,208	201,981	26,819	41,024	14,183
First quarter.....	1,981,307	1,718,225	352,479	157,112	157,946	194,110	35,406	25,243	9,200
2002									
Total.....	8,469,465	8,040,874	1,714,504	622,433	649,488	825,229	159,248	139,086	50,352
Fourth quarter.....	2,129,041	1,882,531	391,690	155,919	152,684	188,636	35,126	24,141	8,978
Third quarter.....	2,278,963	2,234,184	477,819	143,593	156,268	203,388	41,285	42,854	15,684
Second quarter.....	2,182,901	2,192,769	474,582	166,088	168,077	215,319	45,213	36,470	12,706
First quarter.....	1,878,560	1,731,390	370,413	156,833	172,459	217,886	37,624	35,621	12,984
2001									
Total.....	8,298,743	7,941,432	1,688,499	589,795	591,080	776,268	148,528	165,161	53,302
Fourth quarter.....	2,009,921	1,936,864	407,671	135,902	141,209	187,396	36,564	39,357	12,920
Third quarter.....	2,135,680	2,133,466	461,252	130,196	138,757	181,598	39,754	48,301	14,863
Second quarter.....	2,125,528	2,164,045	456,432	160,324	155,200	200,723	41,323	42,672	14,261
First quarter.....	2,027,614	1,707,057	363,144	163,373	155,914	206,551	30,887	34,831	11,258

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	Fourth quarter 2003						Third quarter 2003		
	Production (quantity)	Shipments		Production (quantity)	Shipments				
		Quantity	Value		Quantity	Value			
United States.....	a/ 2,200,878	a/ 2,224,225	a/ 483,509	a/ 2,233,620	a/ 2,348,188	a/ 518,312			
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	b/ 21,936	b/ 19,018	b/ 5,419	b/ 20,912	b/ 21,699	b/ 6,195			
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	a/ 111,192	116,252	28,734	131,422	126,744	31,580			
East North Central.....	185,642	192,709	44,714	189,002	211,434	50,268			
Ohio.....	a/ 98,914	a/ 109,847	28,430	a/ 109,841	a/ 122,218	32,220			
Other (Illinois, Indiana, Michigan, and Wisconsin).....	86,728	82,862	16,284	79,161	89,216	18,048			
West North Central.....	103,275	108,179	25,246	106,915	122,053	29,179			
Kansas and Missouri.....	23,641	27,071	5,710	24,559	32,847	7,561			
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	a/ 79,634	a/ 81,108	b/ 19,536	a/ 82,356	a/ 89,206	b/ 21,618			
South Atlantic.....	826,815	819,937	160,525	823,857	844,804	168,517			
Virginia.....	a/ 117,772	a/ 102,834	22,429	122,639	108,901	23,167			
North Carolina.....	b/ 362,649	b/ 371,577	b/ 68,045	a/ 364,407	a/ 386,514	a/ 71,110			
South Carolina.....	a/ 139,981	a/ 144,648	a/ 30,648	134,713	137,188	32,539			
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	a/ 206,413	a/ 200,878	a/ 39,403	a/ 202,098	a/ 212,201	a/ 41,701			
East South Central.....	419,879	418,520	73,762	421,242	453,262	79,571			
Alabama.....	184,532	199,533	36,175	199,876	217,467	39,184			
Other (Kentucky, Mississippi, and Tennessee).....	235,347	218,987	37,587	221,366	235,795	40,387			
West South Central.....	402,823	422,942	99,867	407,831	430,874	102,624			
Arkansas.....	(D)	(D)	(D)	(D)	(D)	(D)			
Louisiana.....	(D)	(D)	(D)	(D)	(D)	(D)			
Oklahoma.....	(D)	(D)	(D)	(D)	(D)	(D)			
Texas.....	242,872	254,471	58,368	246,028	253,214	a/ 62,429			
Mountain.....	b/ 81,199	b/ 77,780	b/ 22,894	b/ 83,010	b/ 82,672	b/ 24,648			
Colorado.....	a/ 43,087	a/ 40,837	a/ 12,584	a/ 44,691	a/ 44,181	a/ 13,617			
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	c/ 38,112	c/ 36,943	c/ 10,310	c/ 38,319	c/ 38,491	c/ 11,031			
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/ 48,117	c/ 48,888	b/ 22,348	c/ 49,429	c/ 54,646	b/ 25,730			

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	Fourth quarter 2003						Third quarter 2003		
		Production (quantity)	Shipments			Production (quantity)	Shipments			
			Quantity	Value			Quantity	Value		
3271210110	Brick, building or common and facing.....	a/ 2,200,878	a/ 2,224,225	a/ 483,509	a/ 2,233,620	a/ 2,348,188	a/ 518,312			
3271210221	Structural facing tile and ceramic glazed brick.....	c/ 2,125	c/ 2,160	c/ 1,219	a/ 5,424	a/ 5,235	a/ 2,935			
3271210226	Structural clay tile (except facing).....	b/ 10,385	b/ 11,200	b/ 2,931	b/ 12,535	b/ 11,770	b/ 3,102			
3271220000	Clay floor and wall tile.....	168,121	179,047	212,265	158,454	167,554	204,045			
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/ 91,619	c/ 98,144	b/ 106,524	b/ 85,358	b/ 93,471	b/ 103,735			
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	43,924	48,660	a/ 44,580	37,250	38,750	34,788			
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(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)	(D)	(D)	
3271231000	Vitrified clay sewer pipe and fittings.....	a/ 40,025	a/ 36,653	a/ 11,014	a/ 40,601	a/ 47,766	a/ 16,833			

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 square 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: Fourth Quarter 2003
 [Value in thousands of dollars]

Product description	Unit of measure	Manufacturers' shipments		Exports of domestic merchandise		Percent exports to manufacturers' shipments	
		Quantity	Value f.o.b. plant	Quantity	Value at port	Quantity	Value 1/
Brick, building or common and facing 2/.....	1,000 bricks.....	2,224,225	483,509	13,366	3,401	0.6	0.7
Structural clay tile and ceramic glazed brick.....(X).....	(X)	4,150	(X)	745	(X)	18.0
Clay floor and wall tile 3/.....	1,000 sq meters....	16,634	212,265	614	6,847	3.7	3.2
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	33,251	11,014	346	1,008	1.0	9.2
		Imports for consumption		Apparent consumption 5/		Percent imports to apparent consumption	
		Quantity	Value 6/	Quantity	Value 1/	Quantity	Value
Brick, building or common and facing 2/.....	1,000 bricks.....	5,874	1,944	2,216,733	482,052	0.3	0.4
Structural clay tile and ceramic glazed brick.....(X).....	(X)	990	(X)	4,395	(X)	22.5
Clay floor and wall tile 3/.....	1,000 sq meters....	50,198	427,485	66,218	632,903	75.8	67.5
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	61	95	32,966	10,101	0.2	0.9

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 data do 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 data do not include data for guttering, other conduits, other fittings, and other pipe.

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

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

Note: Schedule B export codes and HTSUSA import codes are listed in Table 6 of the 2002 summary report, MQ327D(02)-5, "Clay Construction Products," issued July 2003.