

# Clay Construction Products: Third Quarter 2003

Issued December 2003

MQ327D(03)-3

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## Current Industrial Reports

Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Ernest Wilson, Jr., 301-763-4736.

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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.....	6,400,231	6,314,994	1,344,562	486,205	495,707	602,575	102,826	114,033	40,216
2002.....	6,340,424	6,158,343	1,322,814	466,514	496,804	636,593	124,122	114,945	41,374
<b>2003</b>									
Third quarter.....	2,233,287	2,345,343	519,290	160,582	170,553	206,484	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
<b>2002 1/</b>									
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
<b>2001 1/</b>									
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

1/Data are revised based on the 2002 summary report, MQ327D(02)-5, "Clay Construction Products," issued July 2003.

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	Third quarter 2003			Second quarter 2003		
	Production (quantity)	Shipments		Production (quantity)	Shipments	
		Quantity	Value		Quantity	Value
<b>United States</b> .....	a/ 2,233,287	a/ 2,345,343	a/ 519,290	a/ 2,185,637	a/ 2,251,426	a/ 472,793
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	b/ 20,912	b/ 21,699	b/ 6,195	b/ 17,396	b/ 22,008	b/ 6,132
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	131,422	126,744	31,580	124,409	121,134	29,850
East North Central.....	188,948	211,785	50,367	178,123	193,082	45,293
Ohio.....	a/ 109,841	a/ 122,218	a/ 32,220	a/ 105,614	a/ 111,770	a/ 28,930
Other (Illinois, Indiana, Michigan, and Wisconsin).....	79,107	89,567	18,147	72,509	81,312	16,363
West North Central.....	106,915	122,053	29,179	111,629	121,085	27,708
Kansas and Missouri.....	24,559	32,847	7,561	26,332	32,897	6,657
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	a/ 82,356	b/ 89,206	a/ 21,618	a/ 85,297	b/ 88,188	21,051
South Atlantic.....	825,263	841,988	168,819	786,554	795,598	150,937
Virginia.....	122,639	108,901	23,167	113,276	104,611	21,953
North Carolina.....	b/ 365,813	b/ 383,698	a/ 71,537	a/ 349,356	a/ 358,989	65,702
South Carolina.....	134,713	137,188	32,414	140,975	130,579	27,991
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	a/ 202,098	a/ 212,201	a/ 41,701	a/ 182,947	a/ 201,419	35,291
East South Central.....	417,347	453,102	79,642	413,827	441,695	73,248
Alabama.....	199,876	217,467	39,184	198,625	211,690	35,796
Other (Kentucky, Mississippi, and Tennessee).....	217,471	235,635	40,458	215,202	230,005	37,452
West South Central.....	410,041	430,654	103,107	421,194	425,105	r/ 92,347
Arkansas.....	(D)	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)	(D)
Texas.....	248,238	252,994	a/ 62,912	258,168	248,827	56,432
Mountain.....	b/ 83,010	b/ 82,672	b/ 24,648	b/ 83,052	b/ 77,420	b/ 22,065
Colorado.....	a/ 44,691	a/ 44,181	a/ 13,617	a/ 45,485	a/ 41,377	a/ 12,259
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	c/ 38,319	c/ 38,491	c/ 11,031	c/ 37,567	c/ 36,043	c/ 9,806
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/ 49,429	b/ 54,646	b/ 25,753	b/ 49,453	b/ 54,299	b/ 25,213

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

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	Third quarter 2003			Second quarter 2003		
		Production (quantity)	Shipments		Production (quantity)	Shipments	
			Quantity	Value		Quantity	Value
3271210110	Brick, building or common and facing..... a/	2,233,287 a/	2,345,343 a/	519,290 a/	2,185,637 a/	2,251,426 a/	472,793 a/
3271210221	Structural facing tile and ceramic glazed brick..... a/	5,424 a/	5,235 a/	2,935 a/	4,792 a/	5,743 a/	3,264 a/
3271210226	Structural clay tile (except facing)..... b/	12,535 b/	11,770 b/	3,102 b/	11,330 c/	9,973 b/	2,589 b/
3271220000	Clay floor and wall tile.....	160,582	170,553	206,484	168,511	167,208	201,981
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/	86,247 c/	95,094 c/	108,806 c/	85,173 c/	88,794 c/	100,899 c/
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches..... b/	36,934 b/	38,419 b/	34,266 b/	47,266 b/r/	41,438 b/r/	36,082 b/r/
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/	40,601 a/	47,766 a/	16,833 a/	26,819 a/	41,024 a/	14,183 a/

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

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: Third 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.....	2,345,343	519,290	14,541	3,746	0.6	0.7
Structural clay tile and ceramic glazed brick... ..	.....(X).....	(X)	6,037	(X)	842	(X)	13.9
Clay floor and wall tile 3/.....	1,000 sq meters....	15,845	206,484	759	7,757	4.8	3.8
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	43,333	16,833	229	540	0.5	3.2
		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.....	5,067	1,646	2,335,869	517,190	0.2	0.3
Structural clay tile and ceramic glazed brick... ..	.....(X).....	(X)	1,209	(X)	6,404	(X)	18.9
Clay floor and wall tile 3/.....	1,000 sq meters....	53,309	462,581	68,395	661,308	77.9	69.9
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	103	104	43,207	16,397	0.2	0.6

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.