

# Clay Construction Products: Fourth Quarter 2006

Issued March 2007

MQ327D(06)-4

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**U S C E N S U S B U R E A U**

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Table 1. Summary of Production and Shipments of Principal Types of Clay Construction Products: 2006 and 2005  
 [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:									
2006.....	9,404,192	8,764,921	2,177,323	691,641	669,846	851,755	154,890	194,472	82,484
2005.....	9,649,581	9,418,759	2,127,620	667,181	658,198	856,180	148,563	193,229	72,031
<b>2006</b>									
Total.....	9,404,192	8,764,921	2,177,323	691,641	669,846	851,755	154,890	194,472	82,484
Fourth quarter.....	2,198,476	1,932,787	493,534	150,749	139,964	194,391	34,282	35,698	16,670
Third quarter.....	2,433,847	2,269,004	576,429	r/ 165,010	r/ 152,903	211,232	39,485	53,700	22,546
Second quarter.....	2,438,610	2,321,665	570,672	184,957	192,030	219,804	42,213	55,248	23,058
First quarter.....	2,333,259	2,241,465	536,688	190,925	184,949	226,328	38,910	49,826	20,210
<b>2005 1/</b>									
Total.....	9,649,581	9,418,759	2,127,620	667,181	658,198	856,180	148,563	193,229	72,031
Fourth quarter.....	2,395,760	2,269,500	522,505	163,441	156,721	213,467	39,140	45,720	18,049
Third quarter.....	2,456,074	2,484,992	564,974	164,304	160,450	217,106	36,429	57,371	21,236
Second quarter.....	2,469,646	2,553,918	577,324	168,294	173,923	215,890	37,668	50,514	18,642
First quarter.....	2,328,101	2,110,349	462,817	171,142	167,104	209,717	35,326	39,624	14,104

r/Revised by 5 percent or more from previously published data.

1/Data are revised based on the 2005 summary report, MQ327D(05)-5, "Clay Construction Products," issued July 2006.

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 2006						Third quarter 2006		
	Production (quantity)	Shipments		Production (quantity)	Shipments				
		Quantity	Value		Quantity	Value			
United States.....	a/ 2,198,476	a/ 1,932,787	a/ 493,534	a/ 2,433,847	a/ 2,269,004	a/r/ 576,429			
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	b/ 15,184	b/ 14,460	b/ 4,729	b/ 15,583	b/ 15,438	b/ 5,147			
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	a/ 105,294	103,118	32,190	a/ 124,327	115,238	35,106			
East North Central.....	151,042	138,155	42,114	189,060	177,301	51,207			
Ohio.....	a/ 92,169	a/ 87,789	a/ 29,438	a/ 106,846	a/ 108,124	a/ 34,389			
Other (Illinois, Indiana, Michigan, and Wisconsin).....	58,873	50,366	12,676	82,214	69,177	16,818			
West North Central.....	112,022	97,008	25,441	118,661	114,194	30,258			
Kansas and Missouri.....	35,628	25,928	6,442	36,638	32,922	8,130			
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	b/ 76,394	a/ 71,080	b/ 18,999	b/ 82,023	b/ 81,272	b/ 22,128			
South Atlantic.....	874,856	749,572	171,473	996,279	903,346	206,902			
Virginia.....	105,197	87,089	20,000	125,673	106,300	26,383			
North Carolina.....	a/ 430,493	a/ 358,675	a/ 75,991	a/ 471,545	a/ 426,245	a/ 90,508			
South Carolina.....	153,286	136,132	35,321	170,847	153,858	39,633			
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	a/ 185,880	a/ 167,676	a/ 40,161	a/ 228,214	a/ 216,943	a/ 50,378			
East South Central.....	387,506	345,220	72,081	418,582	388,033	82,791			
Alabama.....	162,059	150,610	32,507	183,157	174,755	37,619			
Other (Kentucky, Mississippi, and Tennessee).....	225,447	194,610	39,574	235,425	213,278	45,172			
West South Central.....	426,355	379,505	102,570	r/ 434,051	r/ 426,999	113,385			
Arkansas.....	(D)	(D)	(D)	(D)	(D)	(D)			
Louisiana.....	(D)	(D)	(D)	(D)	(D)	(D)			
Oklahoma.....	(D)	(D)	(D)	(D)	(D)	(D)			
Texas.....	252,372	225,556	65,563	253,657	256,743	71,871			
Mountain.....	85,766	66,455	22,422	89,391	79,993	26,473			
Colorado.....	a/ 49,472	a/ 34,993	a/ 12,431	a/ 50,445	a/ 43,727	a/ 14,942			
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	c/ 36,294	c/ 31,462	c/ 9,991	c/r/ 38,946	c/ 36,266	c/ 11,531			
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/ 40,451	c/ 39,294	b/ 20,514	c/ 47,913	c/ 48,462	b/ 25,160			

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	Fourth quarter 2006						Third quarter 2006					
		Production (quantity)		Shipments				Production (quantity)		Shipments			
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value		
3271210110	Brick, building or common and facing.....	a/ 2,198,476	a/ 493,534	a/ 1,932,787	a/ 493,534	c/ 2,433,847	c/ 576,429	c/ 2,269,004	c/ 576,429				
3271210221	Structural facing tile and ceramic glazed brick.....	a/ 5,433	b/ 3,743	a/ 7,125	b/ 3,743	c/ 5,119	c/ 6,160	c/ 6,160	c/ 3,437				
3271210226	Structural clay tile (except facing).....	c/ 7,160	c/r/ 2,698	c/ 8,538	c/r/ 2,698	c/ 8,967	c/ 9,320	c/ 9,320	c/ 2,938				
3271220000	Clay floor and wall tile.....	150,749	r/ 165,010	139,964	194,391	r/ 165,010	r/ 152,903		211,232				
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	b/ 41,604	b/r/ 49,392	b/ 36,289	b/ 63,317	b/r/ 49,392	b/r/ 45,454	b/r/ 45,454	b/r/ 69,496				
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	a/ 79,748	c/r/ 83,513	a/ 75,644	a/ 70,127	c/r/ 83,513	c/ 77,534	c/r/ 77,534	c/r/ 76,224				
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)				
3271231100	Vitrified clay sewer pipe and fittings.....	a/ 34,282	a/ 16,670	a/ 35,698	a/ 16,670	a/ 39,485	a/ 53,700	a/ 53,700	a/ 22,546				

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 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 2006  
 [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.....	1,932,787	493,534	6,877	2,907	0.4	0.6
Structural clay tile and ceramic glazed brick.....	.....(X).....	(X)	6,441	(X)	5,235	(X)	81.3
Clay floor and wall tile 3/.....	1,000 sq meters....	13,003	194,391	949	8,525	7.3	4.4
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	32,385	16,670	272	787	0.8	4.7
		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.....	20,942	6,494	1,946,852	497,121	1.1	1.3
Structural clay tile and ceramic glazed brick.....	.....(X).....	(X)	1,645	(X)	2,851	(X)	57.7
Clay floor and wall tile 3/.....	1,000 sq meters....	55,369	510,672	67,423	696,538	82.1	73.3
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	66	120	32,179	16,003	0.2	0.7

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/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: For comparison of the North American Industry Classification System (NAICS)-based product codes with Schedule B export codes, and HTSUSA import codes, see Table 6 of the 2005 summary report, MQ327D(05)-5, "Clay Construction Products," issued July 2006.