

# Clay Construction Products: First Quarter 2007

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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: 2005 to 2007  
 [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:									
2007.....	1,971,367	1,662,206	420,778	150,949	143,941	205,089	33,415	36,583	16,734
2006.....	2,333,259	2,241,465	536,688	190,925	184,949	226,328	38,910	49,826	20,210
<b>2007</b>									
First quarter.....	1,971,367	1,662,206	420,778	150,949	143,941	205,089	33,415	36,583	16,734
<b>2006</b>									
Total.....	9,404,192	8,764,921	2,177,149	692,165	666,176	851,909	154,890	194,472	82,484
Fourth quarter.....	2,198,476	1,932,787	493,360	151,273	136,294	194,545	34,282	35,698	16,670
Third quarter.....	2,433,847	2,269,004	576,429	165,010	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

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	First quarter 2007			Fourth quarter 2006		
	Production (quantity)	Shipments		Production (quantity)	Shipments	
		Quantity	Value		Quantity	Value
United States.....	a/ 1,971,367	a/ 1,662,206	a/ 420,778	a/ 2,198,476	a/ 1,932,787	a/ 493,360
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	b/ 8,049	b/ 9,583	c/ 3,267	b/ 15,184	b/ 14,460	b/ 4,729
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	a/ 110,193	70,385	21,469	a/ 105,294	103,118	32,190
East North Central.....	119,541	99,133	29,290	151,042	138,155	42,114
Ohio.....	a/ 81,893	a/ 61,092	a/ 19,795	a/ 92,169	a/ 87,789	a/ 29,438
Other (Illinois, Indiana, Michigan, and Wisconsin).....	37,648	38,041	9,495	58,873	50,366	12,676
West North Central.....	99,335	73,648	19,017	112,022	97,008	25,441
Kansas and Missouri.....	35,343	22,816	5,622	35,628	25,928	6,442
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	b/ 63,992	b/ 50,832	c/ 13,395	b/ 76,394	b/ 71,080	b/ 18,999
South Atlantic.....	760,919	695,271	160,127	874,856	749,572	171,473
Virginia.....	106,312	76,583	18,504	105,197	87,089	20,000
North Carolina.....	a/ 372,911	a/ 348,328	a/ 74,425	a/ 430,493	a/ 358,675	a/ 75,991
South Carolina.....	a/ 138,569	a/ 128,113	a/ 33,351	153,286	136,132	35,321
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	a/ 143,127	a/ 142,247	a/ 33,847	a/ 185,880	a/ 167,676	a/ 40,161
East South Central.....	347,339	305,742	64,037	387,506	345,220	72,081
Alabama.....	147,937	134,965	27,719	162,059	150,610	32,507
Other (Kentucky, Mississippi, and Tennessee).....	199,402	170,777	36,318	225,447	194,610	39,574
West South Central.....	415,319	318,155	87,312	426,355	379,505	102,570
Arkansas.....	(D)	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)	(D)
Texas.....	243,823	182,340	55,261	252,372	225,556	65,563
Mountain.....	76,437	54,876	17,964	85,766	66,455	22,422
Colorado.....	a/ 43,016	a/ 26,545	a/ 9,047	a/ 49,472	a/ 34,993	a/ 12,431
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	c/ 33,421	c/ 28,331	c/ 8,917	c/ 36,294	c/ 31,462	c/ 9,991
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/ 34,235	c/ 35,413	b/ 18,295	c/ 40,451	c/ 39,294	b/ 20,340

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 2007			Fourth quarter 2006		
		Production (quantity)	Shipments		Production (quantity)	Shipments	
			Quantity	Value		Quantity	Value
3271210110	Brick, building or common and facing.....	a/ 1,971,367	a/ 1,662,206	a/ 420,778	a/ 2,198,476	a/ 1,932,787	a/ 493,360
3271210221	Structural facing tile and ceramic glazed brick.....	c/ 5,034	c/ 6,583	c/ 3,580	c/ 5,433	c/ 7,125	c/ 3,743
3271210226	Structural clay tile (except facing).....	c/ 6,586	c/ 7,623	c/ 2,440	c/ 7,160	c/ 8,538	c/ 2,698
3271220000	Clay floor and wall tile.....	150,949	143,941	205,089	151,273	136,294	194,545
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	45,112	38,504	a/ 69,031	42,126	r/ 32,616	a/ 63,465
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	b/ 76,047	a/ 76,307	b/ 71,682	79,745	75,638	70,116
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)
3271231100	Vitrified clay sewer pipe and fittings.....	b/ 33,415	b/ 36,583	b/ 16,734	a/ 34,282	a/ 35,698	a/ 16,670

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: First quarter 2007  
 [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.....	1,662,206	420,778	6,231	2,272	0.4	0.5
Structural clay tile and ceramic glazed brick.....	.....(X).....	(X)	6,020	(X)	(NA)	(X)	(NA)
Clay floor and wall tile 3/.....	1,000 sq meters.....	13,373	205,089	1,158	11,088	8.7	5.4
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	33,188	16,734	292	1,097	0.9	6.6
		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.....	14,389	4,151	1,670,364	422,657	0.9	1.0
Structural clay tile and ceramic glazed brick.....	.....(X).....	(X)	1,862	(X)	(NA)	(X)	(NA)
Clay floor and wall tile 3/.....	1,000 sq meters....	49,441	476,665	61,656	670,666	80.2	71.1
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	128	254	33,024	15,891	0.4	1.6

NA Not available. 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, 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.