

# Clay Construction Products: Second Quarter 2006

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

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Economics and Statistics Administration  
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Table 1. Summary of Production and Shipments of Principal Types of Clay Construction Products: 2004 to 2006  
 [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.....	4,771,336	4,562,418	1,107,207	375,859	376,967	446,076	81,123	105,074	43,268
2005.....	4,797,747	4,664,267	1,040,141	339,436	341,027	425,607	72,994	90,138	32,746
<b>2006</b>									
Second quarter.....	2,438,077	2,320,953	570,519	184,934	192,018	219,748	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
<b>2004</b>									
Total.....	9,291,150	9,388,648	2,037,293	668,813	695,386	876,738	147,891	163,595	61,787
Fourth quarter.....	2,365,951	2,273,172	501,052	161,240	166,876	217,302	37,606	36,687	12,951
Third quarter.....	2,396,433	2,547,810	542,734	160,523	171,790	220,001	36,837	52,155	19,575
Second quarter.....	2,365,884	2,511,328	551,550	172,694	176,906	221,479	37,007	37,904	14,416
First quarter.....	2,162,882	2,056,338	441,957	174,356	179,814	217,956	36,441	36,849	14,845

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	Second quarter 2006						First quarter 2006					
		Production			Shipments			Shipments				
		(quantity)	Quantity	Value	(quantity)	Quantity	Value					
United States.....	a/	2,438,077	a/	2,320,953	a/	570,519	a/	2,333,259	a/	2,241,465	a/	536,688
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).	b/	17,732	b/	17,660	b/	5,744	b/	17,646	b/	13,410	c/	4,405
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	a/	126,778		121,847		36,773	a/	106,860		100,071		29,740
East North Central.....		200,420		181,674		52,155		178,839		153,466		45,404
Ohio.....	a/	113,209	a/	109,851	a/	34,969	b/	100,639	b/	89,161	b/	27,158
Other (Illinois, Indiana, Michigan, and Wisconsin).....		87,211		71,823		17,186		78,200		64,305		18,246
West North Central.....		127,330		113,839		29,245		115,155		100,830		25,601
Kansas and Missouri.....		37,158		30,590		7,028		36,528		30,378		7,097
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	b/	90,172	b/	83,249	c/	22,217	b/	78,627	b/	70,452	c/	18,504
South Atlantic.....		1,006,549		1,001,622		221,735		957,583		933,471		198,760
Virginia.....		118,236		120,897		28,441		125,043		110,938		21,456
North Carolina.....	b/	484,707	b/	473,113	a/	95,831	a/	451,889	a/	444,895	a/	85,555
South Carolina.....	a/	162,907		164,780	a/	42,422		163,008		159,447		40,417
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	a/	240,699	a/	242,832	a/	55,041	a/	217,643	a/	218,191	a/	51,332
East South Central.....		426,219		420,890		86,583		421,779		405,206		84,674
Alabama.....		183,008		182,931		38,260		185,606		175,183		38,066
Other (Kentucky, Mississippi, and Tennessee).....		243,211		237,959		48,323		236,173		230,023		46,608
West South Central.....		399,785		334,801		86,396		408,246		414,381		101,619
Arkansas.....		(D)		(D)		(D)		(D)		(D)		(D)
Louisiana.....		(D)		(D)		(D)		(D)		(D)		(D)
Oklahoma.....		(D)		(D)		(D)		(D)		(D)		(D)
Texas.....		251,342		208,626		53,674		256,625		266,488		64,752
Mountain.....		88,519		80,912		26,950		88,289		76,878		24,503
Colorado.....	a/	50,913	a/	43,575	a/	15,398	a/	50,790	a/	42,219	a/	13,943
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	c/	37,606	c/	37,337	c/	11,552	c/	37,499	c/	34,659	c/	10,560
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/	44,745	c/	47,708	c/	24,938	c/r/	38,862	c/	43,752	b/	21,982

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	Second quarter 2006						First quarter 2006			
		Production (quantity)	Shipments			Production (quantity)	Shipments				
			Quantity	Value			Quantity	Value			
3271210110	Brick, building or common and facing.....	a/ 2,438,077	a/ 2,320,953	a/ 570,519	a/ 2,333,259	a/ 2,241,465	a/ 536,688				
3271210221	Structural facing tile and ceramic glazed brick.....	c/ 6,019	c/ 6,438	c/ 3,434	a/ 5,465	a/ 6,559	b/ 3,504				
3271210226	Structural clay tile (except facing).....	b/ 10,687	c/ 8,920	c/ 2,784	b/ 8,819	b/ 8,995	b/ 2,807				
3271220000	Clay floor and wall tile.....	184,934	192,018	219,748	190,925	184,949	226,328				
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/ 66,115	b/ 62,613	b/ 80,221	b/r/ 73,870	b/r/ 70,787	b/r/ 84,665				
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	a/ 85,065	a/ 94,946	a/ 70,846	a/r/ 84,492	a/r/ 82,204	a/r/ 72,073				
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.....	a/ 42,213	a/ 55,248	a/ 23,058	a/ 38,910	a/ 49,826	a/ 20,210				

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: Second 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.....	2,320,953	570,519	13,473	4,082	0.6	0.7
Structural clay tile and ceramic glazed brick.....	(X).....	(X)	6,218	(X)	3,983	(X)	64.1
Clay floor and wall tile 3/.....	1,000 sq meters...	17,839	219,748	1,015	8,739	5.7	4.0
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	50,120	23,058	253	671	0.5	2.9
		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.....	19,561	5,991	2,327,041	572,428	0.8	1.0
Structural clay tile and ceramic glazed brick.....	(X).....	(X)	2,295	(X)	4,530	(X)	50.7
Clay floor and wall tile 3/.....	1,000 sq meters...	69,518	664,478	86,342	875,487	80.5	75.9
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	179	273	50,046	22,660	0.4	1.2

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; 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.