

# Clay Construction Products: Third 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: 2007 and 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:									
2007.....	5,804,708	5,554,266	1,431,560	453,445	426,904	615,021	91,746	101,018	46,949
2006.....	7,332,752	6,929,801	1,716,094	517,739	488,829	641,726	102,691	133,186	61,094
<b>2007</b>									
Third quarter.....	1,925,281	1,862,822	484,988	152,292	139,312	205,755	28,004	32,762	14,339
Second quarter.....	1,928,249	2,039,266	527,975	150,209	143,705	204,009	31,789	35,130	15,869
First quarter.....	1,951,178	1,652,178	418,597	150,944	143,887	205,257	31,953	33,126	16,741
<b>2006 1/</b>									
Total.....	9,567,549	8,899,597	2,222,371	674,485	629,672	837,601	136,146	167,121	77,691
Fourth quarter.....	2,234,797	1,969,796	506,277	156,746	140,843	195,875	33,455	33,935	16,597
Third quarter.....	2,460,313	2,286,889	584,969	169,136	152,112	210,208	33,642	44,899	20,895
Second quarter.....	2,486,030	2,359,788	581,736	174,004	170,605	211,784	35,879	46,218	21,341
First quarter.....	2,386,409	2,283,124	549,389	174,599	166,112	219,734	33,170	42,069	18,858

1/Data are revised based on the 2006 summary report, MQ327D(06)-5, "Clay Construction Product," issued July 2007.

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 2007						Second quarter 2007					
	Production			Shipments			Production			Shipments		
		(quantity)		Quantity	Value		(quantity)		Quantity	Value		
United States.....	a/	1,925,281	a/	1,862,822	a/	484,988	a/	1,928,249	a/	2,039,266	a/	527,975
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	a/	16,111	b/	14,717	b/	4,932	a/	15,929	b/	15,537	b/	5,115
Middle Atlantic (New Jersey, New York, and Pennsylvania).....		115,797		104,270		33,193		117,929		114,502		35,819
East North Central.....		110,550		133,323		40,971		124,548		142,422		43,567
Ohio.....		73,655		82,935		28,679		80,525		88,813		30,406
Other (Illinois, Indiana, Michigan, and Wisconsin).....		36,895		50,388		12,292		44,023		53,609		13,161
West North Central.....		98,805		94,470		25,236		99,073		100,374		26,056
Kansas and Missouri.....		31,295		29,290		7,333		31,722		30,273		7,528
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	b/	67,510	b/	65,180	c/	17,903	b/	67,351	b/	70,101	c/	18,528
South Atlantic.....		769,632		728,808		176,886		725,705		821,811		194,030
Virginia.....		99,368		88,198		27,441		108,644		118,092		29,212
North Carolina.....	a/	384,167	a/	379,509	a/	81,313	a/	369,818	a/	409,868	a/	87,828
South Carolina.....	c/	125,939	c/	116,470	c/	34,715		128,138		128,928		38,578
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	a/	160,158	a/	144,631	b/	33,417	b/	119,105	a/	164,923	a/	38,412
East South Central.....		336,481		333,603		68,716		348,166		358,064		76,746
Alabama.....		149,424		141,914		27,893		152,236		151,941		32,209
Other (Kentucky, Mississippi, and Tennessee).....		187,057		191,689		40,823		195,930		206,123		44,537
West South Central.....		370,913		354,131		94,054	r/	399,476		374,360	r/	99,914
Arkansas.....		(D)		(D)		(D)		(D)		(D)		(D)
Louisiana.....		(D)		(D)		(D)		(D)		(D)		(D)
Oklahoma.....		(D)		(D)		(D)		(D)		(D)		(D)
Texas.....		213,400		195,833		53,936	r/	234,938	r/	208,611	r/	58,510
Mountain.....		66,979		60,694		20,379	r/	59,297		67,670		22,790
Colorado.....	a/	34,124	a/	30,668	a/	10,492	a/r/	25,749	a/	34,673	a/	11,959
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	c/	32,855	c/	30,026	c/	9,887	c/	33,548	c/	32,997	c/	10,831
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/	40,013	c/	38,806	b/	20,621	c/	38,126	c/	44,526	b/	23,938

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 2007						Second quarter 2007					
		Production (quantity)			Shipments			Production (quantity)			Shipments		
		Quantity	Value	Percent of estimation	Quantity	Value	Percent of estimation	Quantity	Value	Percent of estimation	Quantity	Value	Percent of estimation
3271210110	Brick, building or common and facing.....	a/ 1,925,281	a/ 484,988	a/ 25.2%	a/ 1,862,822	a/ 484,988	a/ 26.1%	a/ 1,928,249	a/ 484,988	a/ 25.2%	a/ 2,039,266	a/ 527,975	a/ 25.9%
3271210221	Structural facing tile and ceramic glazed brick.....	c/ 6,724	c/ 6,545	c/ 96.6%	c/ 12,480	c/ 6,545	c/ 52.5%	c/ 6,747	c/ 6,747	c/ 100%	c/ 9,264	c/ 4,770	c/ 51.5%
3271210226	Structural clay tile (except facing).....	c/ 6,485	c/ 2,377	c/ 36.6%	c/ 7,128	c/ 2,377	c/ 33.4%	c/ 6,670	c/ 6,670	c/ 100%	c/ 7,158	c/ 2,273	c/ 31.8%
3271220000	Clay floor and wall tile.....	152,292	205,755	135%	139,312	205,755	148%	150,209	143,705	95.7%	143,705	204,009	142%
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/ 39,589	c/ 66,263	c/ 167%	c/ 37,141	c/ 66,263	c/ 178%	c/ 43,952	c/ 37,940	c/ 86.3%	c/ 37,940	c/ 66,896	c/ 176%
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	c/ 81,275	b/ 73,977	b/ 91%	c/ 71,985	b/ 73,977	b/ 103%	b/ 74,354	a/ 73,935	a/ 99.3%	b/ 73,935	b/ 69,327	b/ 93.8%
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(D)	(D)	(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)	(D)	(D)	(D)	(D)
3271231100	Vitrified clay sewer pipe and fittings.....	28,004	14,339	51.2%	32,762	14,339	43.8%	31,789	35,130	110.5%	35,130	15,869	45.2%

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: Third 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.....	1,862,822	484,988	11,675	4,495	0.6	0.9
Structural clay tile and ceramic glazed brick.....	.....(X).....	(X)	8,922	(X)	4,687	(X)	52.5
Clay floor and wall tile 3/.....	1,000 sq meters...	12,943	205,755	1,082	10,870	8.4	5.3
Vitrified clay sewer pipe and fittings.....	Metric tons.....	29,721	14,339	216	1,011	0.7	7.1
		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.....	14,316	3,734	1,865,463	484,227	0.8	0.8
Structural clay tile and ceramic glazed brick.....	.....(X).....	(X)	2,003	(X)	6,238	(X)	32.1
Clay floor and wall tile 3/.....	1,000 sq meters...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	118	148	29,623	13,476	0.4	1.1

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 with Schedule B export codes and HTSUSA import codes, see Table 6 of the 2006 summary report, MQ327D(06)-5, "Clay Construction Products," issued July 2007.