

Clay Construction Products: Fourth 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.....	7,507,718	7,116,822	1,823,700	583,863	539,156	790,267	116,116	125,229	57,126
2006.....	9,567,549	8,899,597	2,222,371	674,485	629,672	837,601	136,146	167,121	77,691
2007									
Total.....	7,507,718	7,116,822	1,823,700	583,863	539,156	790,267	116,116	125,229	57,126
Fourth quarter.....	1,696,131	1,548,466	393,985	134,429	114,260	176,448	24,370	24,211	10,177
Third quarter.....	1,932,160	1,876,912	483,143	148,281	137,304	204,553	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
2006 1/									
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	Fourth quarter 2007						Third quarter 2007		
	Production (quantity)	Shipments			Production (quantity)	Shipments			
		Quantity	Value			Quantity	Value		
United States.....	a/ 1,696,131	a/ 1,548,466	a/ 393,985	a/ 1,932,160	a/ 1,876,912	a/ 483,143			
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	b/ 14,255	b/ 11,349	b/ 3,775	b/ 16,111	b/ 14,717	b/ 4,932			
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	a/ 70,077	84,233	26,555	115,797	104,270	33,193			
East North Central.....	102,719	104,742	32,319	110,550	133,323	40,971			
Ohio.....	68,701	67,776	23,254	73,655	82,935	28,679			
Other (Illinois, Indiana, Michigan, and Wisconsin).....	34,018	36,966	9,065	36,895	50,388	12,292			
West North Central.....	75,999	78,998	20,401	98,805	94,470	25,236			
Kansas and Missouri.....	21,467	23,646	6,111	31,295	29,290	7,333			
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	b/ 54,532	b/ 55,352	c/ 14,290	b/ 67,510	b/ 65,180	c/ 17,903			
South Atlantic.....	731,440	631,304	142,475	774,840	741,984	174,974			
Virginia.....	a/ 83,860	a/ 75,908	b/ 21,011	99,368	r/ 93,198	27,441			
North Carolina.....	a/ 379,240	a/ 326,593	a/ 62,931	a/ 379,401	a/ 371,861	a/ 79,376			
South Carolina.....	132,461	108,573	28,393	r/ 135,913	r/ 132,294	34,740			
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	b/ 135,879	c/ 120,230	b/ 30,140	a/ 160,158	b/ 144,631	b/ 33,417			
East South Central.....	266,132	223,968	48,400	336,481	333,603	68,716			
Alabama.....	117,369	85,403	19,605	149,424	141,914	27,893			
Other (Kentucky, Mississippi, and Tennessee).....	148,763	138,565	28,795	187,057	191,689	40,823			
West South Central.....	330,638	328,494	85,986	369,419	355,244	94,242			
Arkansas.....	(D)	(D)	(D)	(D)	(D)	(D)			
Louisiana.....	(D)	(D)	(D)	(D)	(D)	(D)			
Oklahoma.....	(D)	(D)	(D)	(D)	(D)	(D)			
Texas.....	a/ 178,169	184,073	50,973	213,400	195,833	53,936			
Mountain.....	69,044	52,842	17,555	66,979	60,694	20,379			
Colorado.....	a/ 37,544	a/ 26,947	a/ 9,377	a/ 34,124	a/ 30,668	a/ 10,492			
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	c/ 31,500	c/ 25,895	c/ 8,178	c/ 32,855	c/ 30,026	c/ 9,887			
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/ 35,827	c/ 32,536	b/ 16,519	b/ 43,178	c/r/ 38,607	b/ 20,500			

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 2007						Third quarter 2007		
		Production (quantity)	Shipments			Production (quantity)	Shipments			
			Quantity	Value			Quantity	Value		
3271210110	Brick, building or common and facing.....	a/ 1,696,131	a/ 1,548,466	a/ 393,985	a/ 1,932,160	a/ 1,876,912	a/ 483,143			
3271210221	Structural facing tile and ceramic glazed brick.....	c/ 6,326	c/ 11,047	c/ 6,039	a/r/ 6,323	b/r/ 10,700	b/r/ 5,656			
3271210226	Structural clay tile (except facing).....	c/ 5,723	c/ 6,821	c/ 2,271	c/ 6,485	c/ 7,128	c/ 2,377			
3271220000	Clay floor and wall tile.....	134,429	114,260	176,448	148,281	137,304	204,553			
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	32,212	31,114	a/ 58,311	r/ 35,577	r/ 35,132	a/ 65,056			
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	b/ 73,387	b/ 55,091	b/ 58,150	c/ 81,275	c/ 71,985	c/ 73,976			
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.....	24,370	24,211	10,177	28,004	32,762	14,339			

D Withheld to void 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 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.....	1,548,466	393,985	10,340	3,594	0.7	0.9
Structural clay tile and ceramic glazed brick.....(X).....	(X)	8,310	(X)	5,293	(X)	63.7
Clay floor and wall tile 3/.....	1,000 sq meters...	10,615	176,448	992	9,247	9.3	5.2
Vitrified clay sewer pipe and fittings.....	Metric tons.....	21,964	10,177	129	736	0.6	7.2
		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.....	22,642	5,091	1,560,768	395,482	1.5	1.3
Structural clay tile and ceramic glazed brick.....(X).....	(X)	1,883	(X)	4,900	(X)	38.4
Clay floor and wall tile 3/.....	1,000 sq meters...	44,792	447,107	54,415	614,308	82.3	72.8
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	108	200	21,943	9,641	0.5	2.1

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.