

Clay Construction Products: First Quarter 2002

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Table 1. Summary of Production and Shipments of Principal Types of Clay Construction Products: 2000 to 2002
 [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:									
2002.....	1,831,275	1,690,867	370,018	164,833	175,063	215,938	41,321	39,495	13,893
2001.....	2,003,243	1,682,913	358,127	154,148	147,341	185,593	32,779	33,858	10,086
2002									
First quarter.....	1,831,275	1,690,867	370,018	164,833	175,063	215,938	41,321	39,495	13,893
2001									
Total.....	8,208,213	7,880,675	1,683,025	574,246	577,640	738,246	159,117	169,697	50,685
Fourth quarter.....	1,991,298	1,926,070	407,685	136,676	141,583	187,364	38,368	41,220	12,599
Third quarter.....	2,116,013	2,122,044	461,463 r/	130,971 r/	139,131 r/	181,562	43,607 r/	51,510 r/	14,751
Second quarter.....	2,097,659	2,149,648	455,750	152,451	149,585	183,727	44,363 r/	43,109 r/	13,249
First quarter.....	2,003,243	1,682,913	358,127	154,148	147,341	185,593	32,779 r/	33,858 r/	10,086
2000									
Total.....	9,099,528	8,616,607	1,694,175	666,051	647,798	857,002	159,545	162,058	61,658
Fourth quarter.....	2,280,225	1,962,609	388,840	161,031	152,022	197,086	39,435	32,712	14,512
Third quarter.....	2,334,969	2,269,238	450,613	166,419	165,858	218,667	40,917	47,648	17,971
Second quarter.....	2,285,672	2,301,239	454,747	169,809	166,906	222,633	41,177	47,786	17,491
First quarter.....	2,198,662	2,083,521	399,975	168,792	163,012	218,616	38,016	33,912	11,684

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

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 2002						Fourth quarter 2001					
	Production			Shipments			Production			Shipments		
		(quantity)		Quantity	Value		(quantity)	Quantity	Value		Quantity	Value
United States.....	a/	1,831,275	a/	1,690,867	a/	370,018	a/	1,991,298	a/	1,926,070	a/	407,685
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	b/	19,934	b/	15,546	b/	4,421	b/	21,458	b/	18,962	b/	5,425
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	a/	89,230	a/	85,937	a/	21,223		95,727		104,160		25,480
East North Central.....		164,896		129,438		28,877		172,129		163,388		36,975
Ohio.....	a/	98,046	a/	76,879	a/	18,919	a/	100,163	a/	96,375		23,750
Other (Illinois, Indiana, Michigan, and Wisconsin).....		66,850		52,559		9,958		71,966		67,013		13,225
West North Central.....		96,808		75,177		16,371		99,359		94,254		20,609
Kansas and Missouri.....		34,691		27,014		5,339		36,850		31,571		6,156
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	a/	62,117	b/	48,163	b/	11,032	a/	62,509	b/	62,683	b/	14,453
South Atlantic.....		630,022		604,799		121,120		724,234		694,605		129,341
Virginia.....	a/	102,881	a/	91,364	a/	18,893	a/	108,884	a/	113,684	a/	19,827
North Carolina.....	a/	299,221	a/	265,328	a/	47,554	a/	300,921	a/	275,123	a/	50,041
South Carolina.....		75,477		77,824		23,721		116,343		119,599		25,277
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	a/	152,443	a/	170,283	a/	30,952	a/	198,086	a/	186,199	a/	34,196
East South Central.....		340,675		328,424		55,772		360,613		342,688		56,758
Alabama.....		159,858		164,618		28,419		166,892		160,296		27,007
Other (Kentucky, Mississippi, and Tennessee).....		180,817		163,806		27,353	a/	193,721	a/	182,392	a/	29,751
West South Central.....		379,143		339,303		83,844		384,620		378,864		90,346
Arkansas.....		(D)		(D)		(D)		(D)		(D)		(D)
Louisiana.....		(D)		(D)		(D)		(D)		(D)		(D)
Oklahoma.....		(D)		(D)		(D)		(D)		(D)		(D)
Texas.....		230,118		205,822		49,020		227,123		231,388		53,014
Mountain.....	c/	61,300	c/	60,979	c/	18,199	c/	73,255	c/	70,148	c/	20,348
Colorado.....		(D)		(D)		(D)		(D)		(D)		(D)
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....		(D)		(D)		(D)		(D)		(D)		(D)
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	c/	49,267	c/	51,264	c/	20,191	c/	59,903	c/	59,001	c/	22,403

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 2002			Fourth quarter 2001		
		Production (quantity)	Shipments		Production (quantity)	Shipments	
			Quantity	Value		Quantity	Value
3271210110	Brick, building or common and facing..... a/	1,831,275 a/	1,690,867 a/	370,018 a/	1,991,298 a/	1,926,070 a/	407,685
3271210221	Structural facing tile and ceramic glazed brick..... b/	3,068 b/	3,711 c/	2,090 a/	5,332 a/	5,173 a/	2,912
3271210226	Structural clay tile (except facing)..... c/	10,042 c/	11,027 c/	2,347 b/	10,259 b/	11,284 b/	2,398
3271220000	Clay floor and wall tile..... c/	164,833 c/	175,063 c/	215,938 b/	136,676 b/	141,583 b/	187,364
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/	86,332 c/	85,498 c/	96,503 b/	70,673 b/	71,701 b/	85,001
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches..... b/	41,847 b/	56,018 c/	53,000	34,115	38,985	39,360
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)
3271231000	Vitrified clay sewer pipe and fittings..... a/	41,321 a/	39,495 a/	13,893	38,368	41,220	12,599

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 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 2002
 [Value in thousands of dollars]

Product description	Unit of measure	Manufacturers' shipments		Exports of domestic merchandise		Percent exports to manufacturers' shipments	
		Quantity (f.o.b. plant)	Value	Quantity	Value (at port)	Quantity	Value 1/
Brick, building or common and facing 2/.....	1,000 bricks.....	1,690,867	370,018	5,831	1,477	0.3	0.4
Structural clay tile and ceramic glazed brick.....(X).....		(X)	4,437	(X)	990	(X)	22.3
Clay floor and wall tile 3/.....	1,000 sq meters.....	16,264	215,938	r/ 1,074	6,318	6.6	2.9
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	35,830	13,893	193	545	0.5	3.9
		Imports for consumption		Apparent consumption 5/		Percent imports to apparent consumption	
		Quantity	Value 6/	Quantity	Value 1/	Quantity	Value
Brick, building or common and facing 2/.....	1,000 bricks.....	3,977	1,208	1,689,013	369,749	0.2	0.3
Structural clay tile and ceramic glazed brick.....(X).....		(X)	584	(X)	4,031	(X)	14.5
Clay floor and wall tile 3/.....	1,000 sq meters.....	40,662	338,103	55,852	547,723	72.8	61.7
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	85	186	35,722	13,534	0.2	1.4

r/Revised by 5 percent or more from previously published data. 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/Apparent consumption is equal to manufacturers' shipments plus imports minus exports.

6/Represents the c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States.

Note: Schedule B export codes and HTSUSA import codes are listed in Table 6 of the 2000 summary report, MQ327D(00)-5, "Clay Construction Products," issued August 2001.