

Clay Construction Products

Summary

1999

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(Formerly Series No. MQ32D)

Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1997 Manufacturing Profiles, issued August 1999.

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/econ/www/manumenu.html>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR's)," clicking on "Report Number Index;" from the "Industrial Products by Numeric Index," choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (WK format) to your personal computer.

These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: www.stat-usa.gov/.

Note: Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable

to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see www.census.gov/epcd/www/naics.html.

Summary of Findings: Shipments of brick, building or common and facing, increased 12.3 percent to \$1,631.0 million in 1999 from \$1,453.0 million in 1998. The South Atlantic region accounted for 34.2 percent of the total value of brick shipments in 1999. More specifically, North Carolina accounted for 14.9 percent of the total value of brick shipments in 1999.

Shipments of structural facing tile and ceramic glazed brick decreased 3.4 percent to \$14.6 million in 1999 from \$15.1 million in 1998.

Shipments of clay floor and wall tile increased 0.7 percent to \$843.0 million in 1999 from \$836.9 million in 1998. Shipments of glazed floor and wall tile except ceramic mosaic tile decreased 1.2 percent to \$604.8 million in 1999 from \$612.0 million in 1998.

Shipments of vitrified sewer pipe and fittings increased 11.5 percent to \$53.6 million in 1999 from \$48.1 million in 1998.

Current
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Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Jim Jamski, 301-457-1603.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-457-4673.

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

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Table 1. Production and Shipments of Clay Construction Products: 1995 to 1999

Product code	Product description	Shipments		Value (thousands of dollars)
		Production (quantity)	Quantity	
3271210110	Brick (building or common and face):			
	1999.....	8,552,821	8,931,700	1,631,033
	1998.....	8,081,209	8,241,086	1,453,024
	1997.....	7,837,600	7,732,971	1,330,797
	1996.....	7,426,402	7,619,279	1,235,139
	1995.....	7,243,872	6,890,321	1,092,231
3271210221	Structural facing tile and ceramic glazed brick:			
	1999.....	27,568	26,659	14,586
	1998.....	26,166	25,813	15,106
	1997.....	26,830	26,515	14,165
	1996.....	23,920	22,970	14,895
	1995.....	25,797	24,086	16,458
3271210226	Structural clay tile (except facing):			
	1999.....	46,257	47,156	8,494
	1998.....	50,125	49,098	8,641
	1997.....	50,917	49,729	8,545
	1996.....	49,220	50,990	8,320
	1995.....	54,468	53,727	8,066
3271220000	Clay floor and wall tile:			
	1999.....	624,827	636,242	843,025
	1998.....	621,032	636,805	836,897
	1997.....	626,933	618,978	834,166
	1996.....	575,769	580,392	799,411
	1995.....	580,797	568,094	727,978
3271231000	Vitrified clay sewer pipe and fittings:			
	1999.....	177,048	178,558	53,615
	1998.....	164,523	156,189	48,105
	1997.....	162,183	164,983	47,158
	1996.....	143,064	158,968	44,955
	1995.....	138,056	135,795	35,279

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 face), and structural facing tile and ceramic glazed brick; short tons for structural clay tile, except facing and vitrified clay sewer pipe and fittings; and thousands of square feet for clay floor and wall tile.

Table 2a. Production of Brick (Building or Common and Face) by Divisions and States: 1999
[Quantity in thousands of brick: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent]

Division and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	8,552,821	2,177,515	2,213,234	2,162,790	1,999,282
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	86,281	22,477	21,814	22,278	19,712
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	471,017	125,426	124,351	118,336	102,904
East North Central.....	688,472	179,125	r/ 180,688	r/ 176,370	r/ 152,289
Ohio.....	410,313	105,676	r/ 106,518	r/ 103,473	r/ 94,646
Other (Illinois, Indiana, Michigan, and Wisconsin).....	278,159	73,449	74,170	72,897	57,643
West North Central.....	365,276	94,913	94,298	92,358	83,707
Kansas and Missouri.....	128,019	33,426	32,708	33,677	28,208
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	237,257	61,487	61,590	58,681	55,499
South Atlantic.....	3,261,806	831,410	841,315	824,862	764,219
Virginia.....	487,968	126,509	r/ 123,795	r/ 123,773	r/ 113,891
North Carolina.....	1,413,607	365,065	370,414	353,795	324,333
South Carolina.....	568,428	141,696	147,887	146,830	132,015
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	791,803	198,140	199,219	200,464	193,980
East South Central.....	1,577,645	386,455	405,987	399,831	385,372
Alabama.....	736,256	177,801	190,884	186,993	180,578
Other (Kentucky, Mississippi, and Tennessee).....	841,389	208,654	215,103	212,838	204,794
West South Central.....	1,539,070	394,444	398,297	386,456	359,873
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	920,377	234,820	r/ 239,275	r/ 234,368	211,914
Mountain.....	328,810	82,839	83,530	82,360	80,081
Colorado.....	178,803	45,267	45,909	44,782	42,845
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	150,007	37,572	37,621	37,578	37,236
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	234,444	60,426	62,954	59,939	51,125

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Table 2b. Quantity of Shipments of Brick (Building or Common and Face) by Divisions and States: 1999
[Quantity in thousands of brick: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent]

Division and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	8,931,700	2,179,373	2,347,583	2,386,095	2,018,649
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	84,788	22,592	21,596 r/	24,206	16,394
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	493,185	121,112	140,199	142,799	89,075
East North Central.....	737,505	185,997 r/	203,647 r/	209,923 r/	137,938
Ohio.....	441,026	109,438 r/	120,980 r/	127,059 r/	83,549
Other (Illinois, Indiana, Michigan, and Wisconsin).....	296,479	76,559	82,667	82,864	54,389
West North Central.....	409,696	102,883	116,705	107,132	82,976
Kansas and Missouri.....	147,801	34,885	40,811	40,832	31,273
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	261,895	67,998	75,894	66,300	51,703
South Atlantic.....	3,382,768	827,737	862,576	906,657	785,798
Virginia.....	495,279	123,797	125,746	133,858 r/	111,878
North Carolina.....	1,444,625	356,941	371,458	385,420	330,806
South Carolina.....	604,424	147,731	150,456	166,862	139,375
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	838,440	199,268	214,916	220,517	203,739
East South Central.....	1,626,514	374,992	421,512	427,316	402,694
Alabama.....	759,650	174,488	197,313	199,318	188,531
Other (Kentucky, Mississippi, and Tennessee).....	866,864	200,504	224,199	227,998	214,163
West South Central.....	1,598,221	394,193	425,710	412,321	365,997
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	958,197	237,810 r/	256,201	247,254	216,932
Mountain.....	352,405	88,964	91,895	91,070	80,476
Colorado.....	202,440	51,200	53,737 r/	53,867	43,636
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	149,965	37,764	38,158	37,203	36,840
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	246,618	60,903	63,743	64,671	57,301

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Table 2c. Value of Shipments of Brick (Building or Common and Face) by Divisions and States: 1999
[Value in thousands of dollars]

Division and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	1,631,033	405,575	429,847	434,626	360,985
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	20,880	5,612 r/	5,292 r/	5,806	4,170
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	105,671	26,094	29,895	30,527	19,155
East North Central.....	148,842	37,794	41,114	42,181	27,753
Ohio.....	95,469	24,053	26,263	27,536	17,617
Other (Illinois, Indiana, Michigan, and Wisconsin).....	53,373	13,741	14,851	14,645	10,136
West North Central.....	75,996	18,801 r/	21,136 r/	20,870 r/	15,189
Kansas and Missouri.....	25,441	5,841 r/	6,767 r/	7,805 r/	5,028
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	50,555	12,960	14,369	13,065	10,161
South Atlantic.....	558,357	138,093	142,834	149,710	127,720
Virginia.....	72,047	17,930	18,326	19,215 r/	16,576
North Carolina.....	242,512	60,549	62,998	64,914	54,051
South Carolina.....	111,343	27,593	27,879	30,490	25,381
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	132,455	32,021	33,631	35,091	31,712
East South Central.....	235,514	55,442	61,312	61,284	57,476
Alabama.....	110,213	25,862	28,774	28,581	26,996
Other (Kentucky, Mississippi, and Tennessee).....	125,301	29,580	32,538	32,703	30,480
West South Central.....	319,956	81,846	85,150	81,393	71,567
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	182,278	46,180	48,806	46,865	40,427
Mountain.....	85,916	21,890	22,506	22,149	19,371
Colorado.....	48,646	12,480	13,008 r/	12,910	10,248
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	37,270	9,410	9,498	9,239	9,123
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	79,901	20,003	20,608	20,706	18,584

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Table 3a. Production of Brick (Building or Common and Face) by Divisions and States: 1998
[Quantity in thousands of brick: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent]

Division and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	8,081,209	2,089,479	2,088,212	2,026,582	1,876,936
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	81,514	21,466	21,156	20,044	18,848
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	425,409	107,485	109,902	108,504	99,518
East North Central.....	727,366	190,936	179,052	184,876	172,502
Ohio.....	460,367	116,540	118,356	114,779	110,692
Other (Illinois, Indiana, Michigan, and Wisconsin).....	266,999	74,396	60,696	70,097	61,810
West North Central.....	356,299	91,556	91,060	89,872	83,811
Kansas and Missouri.....	123,285	29,171	30,752	31,962	31,400
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	233,014	62,385	60,308	57,910	52,411
South Atlantic.....	3,040,676	781,273	795,760	757,182	706,461
Virginia.....	423,893	110,875	107,663	110,211	95,144
North Carolina.....	1,270,316	325,166	336,248	306,032	302,870
South Carolina.....	554,901	137,467	146,338	143,197	127,899
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	791,566	207,765	205,511	197,742	180,548
East South Central.....	1,493,926	380,339	384,767	380,470	348,350
Alabama.....	717,738	183,322	184,632	179,714	170,070
Other (Kentucky, Mississippi, and Tennessee).....	776,188	197,017	200,135	200,756	178,280
West South Central.....	1,441,715	384,408	373,842	357,139	326,326
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	256,541	69,144	66,845	63,448	57,104
Texas.....	859,698	226,742	224,421	212,241	196,294
Mountain.....	308,862	76,951	77,278	77,832	76,801
Colorado.....	171,010	42,771	42,570	(D)	(D)
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	137,852	34,180	34,708	(D)	(D)
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	205,442	55,065	55,395	50,663	44,319

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more from previously published data.

r/Revised by 5 percent or

Table 3b. Quantity of Shipments of Brick (Building or Common and Face) by Divisions and States: 1998
[Quantity in thousands of brick: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent]

Division and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	8,241,086	2,124,206	2,242,132	2,174,301	1,700,447
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	82,369	20,369	23,037	22,970	15,993
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	433,040	106,779	119,050	121,486	85,725
East North Central.....	719,081	179,027	200,365	198,667	141,022
Ohio.....	446,744	110,011	123,276	123,130	90,327
Other (Illinois, Indiana, Michigan, and Wisconsin).....	272,337	69,016	77,089	75,537	50,695
West North Central.....	342,334	90,829	97,124	87,495	66,886
Kansas and Missouri.....	128,261	34,435	37,977	32,569	23,280
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	214,073	56,394	59,147	54,926	43,606
South Atlantic.....	3,168,029	850,725	853,597	809,675	654,032
Virginia.....	444,852	116,216	120,114	117,125	91,397
North Carolina.....	1,328,690	377,321	362,644	320,002	268,723
South Carolina.....	567,011	148,917	152,002	150,629	115,463
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	827,476	208,271	218,837	221,919	178,449
East South Central.....	1,536,671	386,302	416,212	406,034	328,123
Alabama.....	741,094	186,382	196,506	198,694	159,512
Other (Kentucky, Mississippi, and Tennessee).....	795,577	199,920	219,706	207,340	168,611
West South Central.....	1,451,695	359,210	394,890	394,963	302,632
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	256,803	65,247	69,313	69,186	53,057
Texas.....	872,400	211,965	240,916	238,103	181,416
Mountain.....	295,724	77,295	81,744	77,536	59,149
Colorado.....	165,096	44,056	48,569	(D)	(D)
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	130,628	33,239	33,175	(D)	(D)
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	212,143	53,670	56,113	55,475	46,885

D Withheld to avoid disclosing data for individual companies.

Table 3c. Value of Shipments of Brick (Building or Common and Face) by Divisions and States: 1998
[Value in thousands of dollars]

Division and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	1,453,024	371,776	394,540	387,457	299,251
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	20,127	5,011	5,558	5,497	4,061
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	90,484	22,434	25,082	25,041	17,927
East North Central.....	137,766	34,176	38,769	38,156	26,665
Ohio.....	90,614	22,360	25,259	24,977	18,018
Other (Illinois, Indiana, Michigan, and Wisconsin).....	47,152	11,816	13,510	13,179	8,647
West North Central.....	73,015	20,218	20,005	18,458	14,334
Kansas and Missouri.....	28,269	8,594	7,730	6,913	5,032
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	44,746	11,624	12,275	11,545	9,302
South Atlantic.....	501,731	132,539	133,926	133,469	101,797
Virginia.....	62,209	16,207	16,837	16,488	12,677
North Carolina.....	211,410	57,275	56,266	55,736	42,133
South Carolina.....	100,773	26,840	26,974	26,654	20,305
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	127,339	32,217	33,849	34,591	26,682
East South Central.....	213,112	53,207	58,208	56,609	45,088
Alabama.....	101,694	25,186	27,354	27,307	21,847
Other (Kentucky, Mississippi, and Tennessee).....	111,418	28,021	30,854	29,302	23,241
West South Central.....	275,065	68,411	75,443	73,740	57,471
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	47,805	12,270	12,897	12,778	9,860
Texas.....	156,689	38,524	43,402	42,438	32,325
Mountain.....	72,411	18,322	19,295	18,382	16,412
Colorado.....	40,997	10,300	11,295	(D)	(D)
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	31,414	8,022	8,000	(D)	(D)
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	69,313	17,458	18,254	18,105	15,496

D Withheld to avoid disclosing data for individual companies.

Table 4a. Production of Clay Construction Products: 1999 and 1998

Product code	Product description	Total	Fourth quarter	Third quarter	Second quarter	First quarter
1999						
3271210110	Brick (building or common and face).....	8,552,821	2,177,515	2,213,234	2,162,790	1,999,282
3271210221	Structural facing tile and ceramic glazed brick.....	27,568	7,026 r/	7,134 r/	6,724 r/	6,684
3271210226	Structural clay tile (except facing).....	46,257	10,846	12,526	11,947	10,938
3271220000	Clay floor and wall tile.....	624,827	158,628 r/	154,596 r/	155,431	156,172
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	357,331	90,220 r/	89,335 r/	87,785 r/	89,991
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	132,659	35,164 r/	29,927 r/	33,969 r/	33,599
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(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)
3271231000	Vitrified clay sewer pipe and fittings.....	177,048	44,553 r/	47,656 r/	44,842 r/	39,997
1998						
3271210110	Brick (building or common and face).....	8,081,209	2,089,479	2,088,212	2,026,582	1,876,936
3271210221	Structural facing tile and ceramic glazed brick.....	26,166	6,516	5,820	6,311	7,519
3271210226	Structural clay tile (except facing).....	50,125	12,694	12,784	13,218	11,429
3271220000	Clay floor and wall tile.....	621,032	152,008	155,005	163,366	150,653
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	355,630	90,896	91,623	92,213	80,898
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	132,989	31,899	31,666	33,859	35,565
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(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)
3271231000	Vitrified clay sewer pipe and fittings.....	164,523	43,289	43,422	40,216	37,596

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 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, and structural facing tile and ceramic glazed brick; short tons for structural clay tile except facing and vitrified clay sewer pipe and fittings; and thousands of square feet for clay floor and wall tile.

Table 4b. Quantity of Shipments of Clay Construction Products: 1999 and 1998

Product code	Product description	Total	Fourth quarter	Third quarter	Second quarter	First quarter
1999						
3271210110	Brick (building or common and face).....	8,931,700	2,179,373	2,347,583	2,386,095	2,018,649
3271210221	Structural facing tile and ceramic glazed brick.....	26,659	7,180 r/	6,999 r/	6,860	5,620
3271210226	Structural clay tile (except facing).....	47,156	11,723	12,369	12,196	10,868
3271220000	Clay floor and wall tile.....	636,242	158,088 r/	157,409 r/	157,302	163,443
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	368,585	90,271 r/	91,390 r/	90,787 r/	96,137
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	138,587	35,615 r/	31,645 r/	34,717 r/	36,610
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(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)
3271231000	Vitrified clay sewer pipe and fittings.....	178,558	47,433 r/	47,069 r/	43,276 r/	40,780
1998						
3271210110	Brick (building or common and face).....	8,241,086	2,124,206	2,242,132	2,174,301	1,700,447
3271210221	Structural facing tile and ceramic glazed brick.....	25,813	6,101	6,294	7,147	6,271
3271210226	Structural clay tile (except facing).....	49,098	12,670	12,949	11,870	11,609
3271220000	Clay floor and wall tile.....	636,805	154,744	158,148	165,398	158,515
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	378,716	92,135	93,876	99,086	93,619
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	135,358	33,835	33,712	33,184	34,627
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(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)
3271231000	Vitrified clay sewer pipe and fittings.....	156,189	41,012	43,860	39,399	31,918

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 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, and structural facing tile and ceramic glazed brick; short tons for structural clay tile except facing and vitrified clay sewer pipe and fittings; and thousands of square feet for clay floor and wall tile.

Table 4c. Value of Shipments of Clay Construction Products: 1999 and 1998
[Value in thousands of dollars]

Product code	Product description	Total	Fourth quarter	Third quarter	Second quarter	First quarter
1999						
3271210110	Brick (building or common and face).....	1,631,033	405,575	429,847	434,626	360,985
3271210221	Structural facing tile and ceramic glazed brick.....	14,586	3,802 r/	3,822 r/	3,741 r/	3,221
3271210226	Structural clay tile (except facing).....	8,494	2,116	2,283	2,158	1,937
3271220000	Clay floor and wall tile.....	843,025	205,729	208,712	209,021	219,563
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	456,416	109,059 r/	111,227 r/	112,977 r/	123,153
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	148,432	38,286 r/	34,719 r/	37,428 r/	37,999
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(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)
3271231000	Vitrified clay sewer pipe and fittings.....	53,615	14,460 r/	14,125 r/	12,985 r/	12,045
1998						
3271210110	Brick (building or common and face).....	1,453,024	371,776	394,540	387,457	299,251
3271210221	Structural facing tile and ceramic glazed brick.....	15,106	3,492	3,950	4,086	3,578
3271210226	Structural clay tile (except facing).....	8,641	2,224	2,330	2,064	2,023
3271220000	Clay floor and wall tile.....	836,897	203,085	207,911	215,340	210,561
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	473,339	113,371	117,269	122,836	119,863
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	138,622	34,338	34,288	34,492	35,504
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(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)
3271231000	Vitrified clay sewer pipe and fittings.....	48,105	12,814	13,276	12,114	9,901

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Table 5. Shipments, Exports, and Imports of Selected Clay Construction Products: 1999 and 1998
[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/
1999							
Brick (building or common and face) 2/.....	1,000 bricks.....	8,931,700	1,631,033	34,171	7,871	0.4	0.5
Structural clay tile and ceramic glazed brick.....	(X).....	(X)	23,080	(X)	4,257	(X)	18.4
Clay floor and wall tile 3/.....	1,000 sq meters.....	59,109	843,025	2,855	23,855	4.8	2.8
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	161,985	53,615	1,067	2,079	0.7	3.9
1998							
Brick (building or common and face) 2/.....	1,000 bricks.....	8,241,086	1,453,024	40,631	8,764	0.5	0.6
Structural clay tile and ceramic glazed brick.....	(X).....	(X)	23,747	(X)	7,040	(X)	29.6
Clay floor and wall tile 3/.....	1,000 sq meters.....	59,161	836,897	3,868	26,624	6.5	3.2
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	141,692	48,105	2,078	5,105	1.5	10.6
	Unit of measure	Imports for consumption		Apparent consumption 5/		Percent imports to apparent consumption	
		Quantity	Value 6/	Quantity	Value 1/	Quantity	Value
1999							
Brick (building or common and face) 2/.....	1,000 bricks.....	24,920	8,415	8,922,449	1,631,577	0.3	0.5
Structural clay tile and ceramic glazed brick.....	(X).....	(X)	2,010	(X)	20,833	(X)	9.6
Clay floor and wall tile 3/.....	1,000 sq meters.....	138,800	1,200,293	195,054	2,019,463	71.2	59.4
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	353	361	161,271	51,897	0.2	0.7
1998							
Brick (building or common and face) 2/.....	1,000 bricks.....	18,243	5,109	8,218,698	1,449,369	0.2	0.4
Structural clay tile and ceramic glazed brick.....	(X).....	(X)	1,541	(X)	18,248	(X)	8.4
Clay floor and wall tile 3/.....	1,000 sq meters.....	114,547	999,114	169,840	1,809,387	67.4	55.2
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	264	399	139,878	43,399	0.2	0.9

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 1 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 1 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.

Table 6. Comparison of Schedule B Export Codes and HTSUSA Import Codes: 1999

Product description	Export code	Import code
Brick (building or common and face).....	6904.10.0015	6904.10.0020 6904.10.0040
	6904.10.0090	
Structural clay tile and ceramic glazed brick.....	6904.90.0000	6904.90.0000
Clay floor and wall tile.....	6907.10.0000 6907.90.0000	6907.10.0000 6907.90.0010 6907.90.0050
	6908.10.0000	6908.10.1000 6908.10.2000 6908.10.5000
	6908.90.0000	6908.90.0010 6908.90.0050
Vitrified clay sewer pipe and fittings.....	6906.00.0000	6906.00.0000

Sources: 1999 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States; Harmonized Tariff Schedule of the United States, Annotated (1999).