

# Clay Construction Products

## Summary

1998

Issued March 2000

MQ327D(98)-5

(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/](http://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](http://www.census.gov/epcd/www/naics.html).

**Summary of Findings:** Shipments of brick, building or common and facing, increased 9.2 percent to \$1,453.0 million in 1998 from \$1,330.8 million in 1997. The South Atlantic region accounted for 34.5 percent of the total value of brick shipments in 1998. More specifically, North Carolina accounted for 14.5 percent of the total value of brick shipments in 1998.

Shipments of structural facing tile and ceramic glazed brick increased 6.6 percent to \$15.1 million in 1998 from \$14.2 million in 1997.

Shipments of clay floor and wall tile increased 0.3 percent to \$836.9 million in 1998 from \$834.2 million in 1997. Shipments of glazed floor and wall tile except ceramic mosaic tile increased 3.2 percent to \$612.0 million in 1998 from \$592.7 million in 1997.

Shipments of vitrified sewer pipe and fittings increased 2.0 percent to \$48.1 million in 1998 from \$47.2 million in 1997.

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.

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Table 1. Production and Shipments of Clay Construction Products: 1994 to 1998  
 [Value in thousands of dollars]

Product code	Product description	Production quantity	Shipments	
			Quantity	Value
3251011	Brick, building or common and facing			
	1998.....	8,071,209	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
	1994.....	7,200,574	7,237,982	1,102,269
3251031	Structural facing tile and ceramic glazed brick			
	1998.....	r/ 26,166	r/ 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
	1994.....	26,858	26,563	15,075
3251061	Structural clay tile except facing			
	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
	1994.....	(D)	(D)	(D)
3253000	Clay floor and wall tile			
	1998.....	621,031	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
	1994.....	604,454	604,408	755,712
3259100	Vitrified clay sewer pipe and fittings			
	1998.....	r/ 164,523	r/ 156,189	r/ 48,105
	1997.....	r/ 162,183	r/ 164,983	r/ 47,158
	1996.....	143,064	158,968	44,955
	1995.....	138,056	135,795	35,279
	1994.....	159,112	134,913	33,270

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 2a. Production of Brick, Building or Common and Facing, by Region and State: 1998  
 [Quantity in thousands of bricks: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent]

Region and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	8,071,209	2,089,479	2,088,212	2,026,582	1,866,936
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	r/ 83,811
Kansas and Missouri.....	123,285	29,171	30,752	31,962	31,400
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	r/ 233,014	r/ 62,385	r/ 60,308	r/ 57,910	r/ 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.....	1,431,715	384,408	373,842	357,139	316,326
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	246,541	69,144	66,845	63,448	47,104
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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Table 2b. Shipments of Brick, Building or Common and Facing, by Region and State: 1998  
 [Quantity in thousands of bricks: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent]

Region 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 r/	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 r/	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

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Table 2c. Value of Shipments of Brick, Building or Common and Facing, by Region and State: 1998  
 [Value in thousands of dollars]

Region 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 r/	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.....	r/ 73,015	r/ 20,218	r/ 20,005	r/ 18,458	r/ 14,334
Kansas and Missouri.....	r/ 28,269	r/ 8,594	r/ 7,730	r/ 6,913	r/ 5,032
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	44,746	11,624	12,275	11,545 r/	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 r/	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 r/	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

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Table 3a. Production of Brick, Building or Common and Facing, by Region and State: 1997  
 [Quantity in thousands of bricks: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent]

Region and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	7,837,600	1,957,141	2,052,622	2,038,722	1,789,115
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	76,553	20,801	19,079	20,152	16,521
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	402,393	110,869	118,643	(D)	(D)
East North Central.....	700,447	173,678	179,152	184,994	162,623
Ohio.....	447,433	114,568	115,043	114,534	103,288
Other (Illinois, Indiana, Michigan, and Wisconsin).....	253,014	59,110	64,109	70,460	59,335
West North Central.....	317,836	85,450	81,346	84,786	66,254
Kansas and Missouri.....	120,074	33,530	29,240	31,425	25,879
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	197,762	51,920	52,106	53,361	40,375
South Atlantic.....	2,978,044	728,073	789,254	784,984	675,733
Virginia.....	391,826	92,805	106,167	102,718	90,136
North Carolina.....	1,250,860	309,643	330,771	330,184	280,262
South Carolina.....	538,974	135,084	141,752	139,086	123,052
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	796,384	190,541	210,564	212,996	182,283
East South Central.....	1,476,597	357,490	376,473	384,469	358,165
Alabama.....	708,316	174,156	178,627	181,279	174,254
Other (Kentucky, Mississippi, and Tennessee).....	768,281	183,334	197,846	203,190	183,911
West South Central.....	1,352,598	343,284	344,086	(D)	(D)
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	251,290	62,182	63,784	64,438	60,886
Texas.....	791,675	201,099	198,893	201,275	190,408
Mountain.....	295,599	77,436	80,158	75,969	62,036
Colorado.....	157,125	42,395	43,548	40,020	31,162
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	138,474	35,041	36,610	35,949	30,874
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	237,533	60,060	64,431	63,594	49,448

D Withheld to avoid disclosing data for individual companies.

Table 3b. Shipments of Brick, Building or Common and Facing, by Region and State: 1997  
 [Quantity in thousands of bricks: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent]

Region and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	7,732,971	1,851,409	2,138,486	2,145,764	1,597,312
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	79,455	19,733	22,858	22,945	13,919
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	403,725	96,888	123,672	(D)	(D)
East North Central.....	710,434	174,190	200,938	206,504	128,802
Ohio.....	446,334	105,704	127,621	132,558	80,451
Other (Illinois, Indiana, Michigan, and Wisconsin).....	264,100	68,486	73,317	73,946	48,351
West North Central.....	319,009	77,758	90,186	89,373	61,692
Kansas and Missouri.....	119,269	27,886	33,634	32,755	24,994
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	199,740	49,872	56,552	56,618	36,698
South Atlantic.....	2,977,590	707,780	804,804	825,028	639,978
Virginia.....	408,659	97,248	109,008	114,282	88,121
North Carolina.....	1,245,894	293,265	339,395	344,350	268,884
South Carolina.....	536,895	131,776	143,398	146,764	114,957
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	786,142	185,491	213,003	219,632	168,016
East South Central.....	1,446,444	340,621	389,793	397,735	318,295
Alabama.....	687,607	162,575	183,016	186,081	155,935
Other (Kentucky, Mississippi, and Tennessee).....	758,837	178,046	206,777	211,654	162,360
West South Central.....	1,280,886	312,275	363,608	(D)	(D)
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	237,651	60,253	64,469	63,206	49,723
Texas.....	739,955	176,861	213,560	198,180	151,354
Mountain.....	282,870	67,688	78,503	78,154	58,525
Colorado.....	152,651	36,387	42,620	42,361	31,283
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	130,219	31,301	35,883	35,793	27,242
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	232,558	54,476	64,124	65,752	48,206

D Withheld to avoid disclosing data for individual companies.

Table 3c. Value of Shipments of Brick, Building or Common and Facing, by Region and State: 1997  
 [Value in thousands of dollars]

Region and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	1,330,797	315,882	382,397	370,110	262,408
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	18,407	4,547	5,482	5,244	3,134
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	83,886	19,723	25,312	(D)	(D)
East North Central.....	131,566	32,113	37,858	38,486	23,109
Ohio.....	87,189	20,728	25,339	25,979	15,143
Other (Illinois, Indiana, Michigan, and Wisconsin).....	44,377	11,385	12,519	12,507	7,966
West North Central.....	59,764	15,268	17,554	16,662	10,280
Kansas and Missouri..... r/	20,733 r/	5,332 r/	6,128 r/	5,817 r/	3,456
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	39,031	9,936	11,426	10,845	6,824
South Atlantic.....	457,929	108,757	127,623	126,295	95,254
Virginia.....	55,328	13,212	15,196	15,457	11,463
North Carolina.....	194,393	45,269	55,416	53,747	39,961
South Carolina.....	91,784	22,578	24,592	24,884	19,730
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	116,424	27,698	32,419	32,207	24,100
East South Central.....	201,838	46,802	53,574	53,915	47,547
Alabama.....	93,132	22,161	24,901	25,362	20,708
Other (Kentucky, Mississippi, and Tennessee).....	108,706	24,641	28,673	28,553	26,839
West South Central.....	248,939	58,459 r/	76,268	(D)	(D)
Arkansas..... (D)	(D)	(D)	(D)	(D)	(D)
Louisiana..... (D)	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	45,023	10,536	12,622	12,747	9,118
Texas..... r/	141,476	31,786 r/	42,825	40,494	26,371
Mountain.....	62,429	14,811	18,599	17,034	11,985
Colorado.....	34,568	8,242	10,164	9,466	6,696
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	27,861	6,569	8,435	7,568	5,289
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	66,039	15,402	20,127	18,225	12,285

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Table 4a. Production of Clay Construction Products: 1998 and 1997

Product code	Product description	Total	Fourth quarter	Third quarter	Second quarter	First quarter
1998						
3251011	Brick, building or common and facing.....	8,071,209	2,089,479	2,088,212	2,026,582	1,866,936
3251031	Structural facing tile and ceramic glazed brick..... r/	26,166 r/	6,516 r/	5,820 r/	6,311	7,519
3251061	Structural clay tile except facing.....	50,125	12,694	12,784	13,218	11,429
3253000	Clay floor and wall tile.....	621,031 r/	152,008	155,005	163,366	150,653
3253005	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches..... r/	355,630 r/	90,896 r/	91,623 r/	92,213 r/	80,898
3253015	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
3253020	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3253030	Unglazed tile including unglazed quarry tile having a facial area greater than or equal to 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3259100	Vitrified clay sewer pipe and fittings..... r/	164,523 r/	43,289 r/	43,422 r/	40,216 r/	37,596
1997						
3251011	Brick, building or common and facing.....	7,837,600	1,957,141	2,052,622	2,038,722	1,789,115
3251031	Structural facing tile and ceramic glazed brick.....	26,830	7,749	7,773	7,112	4,196
3251061	Structural clay tile except facing.....	50,917	12,157	13,628	13,306	11,826
3253000	Clay floor and wall tile.....	626,933	136,449	149,957	170,643	169,884
3253005	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches..... r/	366,292 r/	74,275 r/	92,063 r/	100,068 r/	99,886
3253015	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	126,235	32,902	26,696	33,044	33,593
3253020	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3253030	Unglazed tile including unglazed quarry tile having a facial area greater than or equal to 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3259100	Vitrified clay sewer pipe and fittings..... r/	162,183	44,492 r/	43,395 r/	40,576 r/	33,720

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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. Shipments of Clay Construction Products: 1998 and 1997

Product code	Product description	Total	Fourth quarter	Third quarter	Second quarter	First quarter
1998						
3251011	Brick, building or common and facing.....	8,241,086	2,124,206	2,242,132	2,174,301	1,700,447
3251031	Structural facing tile and ceramic glazed brick..... r/	25,813	6,101	6,294 r/	7,147	6,271
3251061	Structural clay tile except facing.....	49,098	12,670	12,949	11,870	11,609
3253000	Clay floor and wall tile.....	636,805	154,744	158,148	165,398	158,515
3253005	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches..... r/	378,716 r/	92,135 r/	93,876 r/	99,086 r/	93,619
3253015	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches..... r/	135,358 r/	33,835 r/	33,712 r/	33,184	34,627
3253020	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3253030	Unglazed tile including unglazed quarry tile having a facial area greater than or equal to 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3259100	Vitrified clay sewer pipe and fittings..... r/	156,189 r/	41,012 r/	43,860 r/	39,399 r/	31,918
1997						
3251011	Brick, building or common and facing.....	7,732,971	1,851,409	2,138,486	2,145,764	1,597,312
3251031	Structural facing tile and ceramic glazed brick.....	26,515	6,109	7,541	6,699	6,166
3251061	Structural clay tile except facing.....	49,729	12,213	13,296	12,515	11,705
3253000	Clay floor and wall tile.....	618,978	145,995	156,704	160,360	155,919
3253005	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches..... r/	353,873 r/	83,017 r/	93,092 r/	90,535 r/	87,229
3253015	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches..... r/	135,139 r/	33,263 r/	31,088 r/	35,565 r/	35,223
3253020	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3253030	Unglazed tile including unglazed quarry tile having a facial area greater than or equal to 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3259100	Vitrified clay sewer pipe and fittings..... r/	164,983	40,630 r/	47,372 r/	43,716 r/	33,265

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: 1998 and 1997  
 [Value in thousands of dollars]

Product code	Product description	Total	Fourth quarter	Third quarter	Second quarter	First quarter
1998						
3251011	Brick, building or common and facing.....	1,453,024	371,776	394,540	387,457	299,251
3251031	Structural facing tile and ceramic glazed brick.....	15,106	3,492	3,950	4,086	3,578
3251061	Structural clay tile except facing.....	8,641	2,224	2,330	2,064	2,023
3253000	Clay floor and wall tile.....	836,897	203,085	207,911	r/ 215,340	210,561
3253005	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	r/ 473,339	r/ 113,371	r/ 117,269	r/ 122,836	r/ 119,863
3253015	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	r/ 138,622	r/ 34,338	r/ 34,288	r/ 34,492	r/ 35,504
3253020	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3253030	Unglazed tile including unglazed quarry tile having a facial area greater than or equal to 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3259100	Vitrified clay sewer pipe and fittings.....	r/ 48,105	r/ 12,814	r/ 13,276	r/ 12,114	r/ 9,901
1997						
3251011	Brick, building or common and facing.....	1,330,797	315,882	382,397	370,110	262,408
3251031	Structural facing tile and ceramic glazed brick.....	14,165	3,451	4,104	3,353	3,257
3251061	Structural clay tile except facing.....	8,545	2,100	2,320	2,137	1,988
3253000	Clay floor and wall tile.....	834,166	200,778	r/ 213,200	210,135	210,053
3253005	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	r/ 459,730	r/ 109,307	r/ 120,311	r/ 113,956	r/ 116,156
3253015	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	r/ 132,969	r/ 32,911	r/ 31,239	r/ 34,670	r/ 34,149
3253020	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3253030	Unglazed tile including unglazed quarry tile having a facial area greater than or equal to 6 square inches.....	(D)	(D)	(D)	(D)	(D)
3259100	Vitrified clay sewer pipe and fittings.....	r/ 47,158	11,330	r/ 13,699	r/ 12,646	r/ 9,483

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: 1998 and 1997  
[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/
1998							
Brick, building or common and facing 2/.....	Thousands of bricks...	8,241,086	1,453,024	40,631	8,764	0.5	0.6
Structural clay tile and ceramic glazed brick.....	.....	(X)	23,747	(X)	7,040	(X)	29.6
Clay floor and wall tile 3/.....	Thousands of square meters.....	59,161	836,897	3,868	26,624	6.5	3.2
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	r/ 141,692	r/ 48,105	2,078	5,105	r/ 1.5	r/ 10.6
1997							
Brick, building or common and facing 2/....	Thousands of bricks...	7,732,971	1,330,797	46,518	9,351	0.6	0.7
Structural clay tile and ceramic glazed brick.....	.....	(X)	22,710	(X)	7,160	(X)	31.5
Clay floor and wall tile 3/.....	Thousands of square meters.....	57,505	834,166	3,943	28,924	6.9	r/ 3.5
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	r/ 149,670	r/ 47,158	1,210	2,484	r/ 0.8	r/ 5.3
Product description	Unit of measure	Imports for consumption		Apparent consumption 5/		Percent imports to apparent consumption	
		Quantity	Value 6/	Quantity	Value 1/	Quantity	Value
1998							
Brick, building or common and facing 2/...	Thousands of bricks...	18,243	5,109	8,218,698	1,449,369	0.2	0.4
Structural clay tile and ceramic glazed brick.....	.....	(X)	1,541	(X)	18,248	(X)	8.4
Clay floor and wall tile 3/.....	Thousands of square 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	r/ 139,878	r/ 43,399	r/ 0.2	r/ 0.9
1997							
Brick, building or common and facing 2/...	Thousands of bricks...	20,267	5,346	7,706,720	1,326,792	0.3	0.4
Structural clay tile and ceramic glazed brick.....	.....	(X)	823	(X)	16,373	(X)	5.0
Clay floor and wall tile 3/.....	Thousands of square meters.....	95,026	829,119	148,588	1,634,361	64.0	50.7
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	806	475	r/ 149,266	r/ 45,149	r/ 0.5	r/ 1.1
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 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: For comparison of SIC-based codes with Schedule B export codes and HTSUSA import codes, see Table 6.							

**Table 6. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 1998**

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

**Sources: 1998 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 (1998).**