

U.S. Census Bureau
Clay Construction Products - Summary 2008
MQ327D(08)-5
Issued May 2009

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Table 1. Production and Shipments of Clay Construction Products: 2004 to 2008

[Value in thousands of dollars]

Product code	Product description	Production (quantity)	Shipments	
			Quantity	Value
3271210110	Brick (building or common and face):			
	2008.....	5,316,809	5,053,935	1,300,526
	2007.....	7,650,333	7,237,176	1,873,294
	2006.....	9,567,546	8,899,594	2,222,373
	2005.....	9,649,581	9,418,759	2,127,620
	2004.....	9,291,150	9,388,648	2,037,293
3271210221	Structural facing tile and ceramic glazed brick:			
	2008.....	21,486	25,297	14,254
	2007.....	23,638	36,717	19,603
	2006.....	24,053	26,395	14,215
	2005.....	28,922	32,582	20,332
	2004.....	26,404	23,693	13,321
3271210226	Structural clay tile (except facing):			
	2008.....	20,045	23,410	7,712
	2007.....	29,441	35,477	10,822
	2006.....	39,390	37,491	12,253
	2005.....	41,515	47,704	12,844
	2004.....	36,208	40,050	10,665
3271220000	Clay floor and wall tile:			
	2008.....	505,806	484,956	709,826
	2007.....	561,605	544,988	794,733
	2006.....	674,485	629,672	837,601
	2005.....	667,181	658,198	856,180
	2004.....	668,813	695,386	876,738
3271231000	Vitrified clay sewer pipe and fittings:			
	2008.....	61,335	81,587	34,101
	2007.....	112,744	121,630	55,673
	2006.....	136,146	167,121	77,691
	2005.....	148,563	193,229	72,031
	2004.....	147,891	163,595	61,787

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 Regions and State: 2008
 [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.....	5,316,809	1,174,199	1,416,927	1,392,282	1,333,401
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	54,702 r/b/	10,658 r/b/	14,899 r/b/	14,557 r/b/	14,588
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	318,689 a/	61,453 a/	75,276 a/	99,653 a/	82,307
East North Central.....	447,647	105,231	117,704 r/	116,942	107,770
Ohio.....	267,157	64,797	62,785	73,592	65,983
Other (Illinois, Indiana, Michigan, and Wisconsin).....	180,490	40,434	54,919 r/	43,350	41,787
West North Central.....	305,602 r/	70,530 r/	82,287 r/	80,603 r/	72,182
Kansas and Missouri.....	91,091	16,070	24,384	25,199	25,438
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	214,511 r/b/	54,460 r/b/	57,903 r/b/	55,404 r/b/	46,744
South Atlantic.....	2,135,539 r/	463,403 r/	609,362	556,698	506,076
Virginia.....	290,249	67,043	75,519 a/	77,654	70,033
North Carolina.....	1,002,134 r/a/	205,145 r/a/	284,321 r/a/	270,065 r/a/	242,603
South Carolina.....	346,151	76,197	96,969	85,790	87,195
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	497,005 r/b/	115,018 r/b/	152,553 r/b/	123,189 r/b/	106,245
East South Central.....	652,073	135,717 r/	146,124 r/	177,531	192,701
Alabama.....	272,116	65,340	68,034	64,434	74,308
Other (Kentucky, Mississippi, and Tennessee).....	379,957 r/a/	70,377 r/a/	78,090 r/a/	113,097 a/	118,393
West South Central.....	1,072,236	261,043	276,292	258,892 r/	276,009
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	604,022	150,872	160,256	142,146	150,748
Mountain.....	217,761 r/	39,908 r/	63,858	57,517 r/	56,478
Colorado.....	112,892 r/b/	17,805 a/	31,975 r/a/	28,492 a/	34,620
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	104,869 r/	22,103 r/	31,883	29,025 r/	21,858
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	112,560 r/b/	26,256 r/b/	31,125 r/b/	29,889 r/c/	25,290

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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 and c/ over 50 percent of this item is estimated.

Table 2b. Shipments of Brick, Building or Common, and Facing by Regions and State: 2008
 [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.....	5,053,935	971,806	1,399,572	1,484,024	1,198,533
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	53,016 r/b/	11,022 r/b/	14,510 r/b/	16,025 r/b/	11,459
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	301,310	65,369	85,281	90,556	60,104
East North Central.....	371,515	80,811	121,846	103,425	65,433
Ohio.....	251,387	55,964	80,845	69,850	44,728
Other (Illinois, Indiana, Michigan, and Wisconsin).....	120,128	24,847	41,001	33,575	20,705
West North Central.....	288,603 r/	57,693 r/	84,538 r/	83,172 r/	63,200
Kansas and Missouri.....	79,092	13,399	22,331	25,108	18,254
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	209,511 r/b/	44,294 r/b/	62,207 r/b/	58,064 r/b/	44,946
South Atlantic.....	2,016,004	362,886 r/	551,559	598,182 r/	503,377
Virginia.....	258,078	51,544	73,196 a/	72,838	60,500
North Carolina.....	909,887 a/	155,773 a/	245,440 a/	269,789 r/a/	238,885
South Carolina.....	367,993	72,150	96,729	103,069	96,045
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	480,046 r/b/	83,419 r/b/	136,194 r/b/	152,486 r/b/	107,947
East South Central.....	659,762	111,298	175,608	203,856	169,000
Alabama.....	276,153	49,417	76,902	81,408	68,426
Other (Kentucky, Mississippi, and Tennessee).....	383,609 a/	61,881 a/	98,706	122,448	100,574
West South Central.....	1,057,864	219,282	281,897	302,807 r/	253,878
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	618,727	125,757	164,406	180,761	147,803
Mountain.....	193,422 r/	41,288 r/	55,724	51,895 r/	44,515
Colorado.....	95,346 a/	19,937 a/	26,992 a/	27,134 a/	21,283
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	98,076 r/	21,351 r/	28,732	24,761 r/	23,232
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	112,439 c/	22,157 c/	28,609 c/	34,106 c/	27,567

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Note: Percent of estimation for each item is indicated as follows: a/10 to 25 percent of this item is estimated.

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Table 2c. Value of Shipments of Brick, Building or Common, and Facing by Regions and State: 2008
 [Value in thousands of dollars]

Region and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	1,300,526 r/	254,813 r/	357,355	377,170	311,188
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	19,600 r/b/	3,852 r/b/	5,105 r/b/	6,535 r/c/	4,108
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	96,023	20,974	27,719	28,332	18,998
East North Central.....	117,863	25,745	37,839	33,560	20,719
Ohio.....	89,380	19,855	28,792	25,160	15,573
Other (Illinois, Indiana, Michigan, and Wisconsin).....	28,483	5,890	9,047	8,400	5,146
West North Central.....	81,170 r/	17,909 r/	23,705 r/	22,442 r/	17,114
Kansas and Missouri.....	18,566	3,044	5,357	5,873	4,292
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	62,604 r/b/	14,865 r/b/	18,348 r/c/	16,569 r/c/	12,822
South Atlantic.....	457,269 r/	84,169 r/	124,623 r/	135,182	113,295
Virginia.....	66,283	13,305	18,510 b/	18,880	15,588
North Carolina.....	197,122 a/	34,479 a/	53,468 a/	58,363 a/	50,812
South Carolina.....	92,304	18,164	23,895	26,136	24,109
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	101,560 r/b/	18,221 r/b/	28,750 r/b/	31,803 r/b/	22,786
East South Central.....	129,128	21,750	34,095	39,879	33,404
Alabama.....	50,834	8,905	14,117	15,097	12,715
Other (Kentucky, Mississippi, and Tennessee).....	78,294 r/a/	12,845 r/a/	19,978 r/	24,782 r/	20,689
West South Central.....	272,146	54,651	68,858	75,124	73,513
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	163,353	31,078	39,913	44,964	47,398
Mountain.....	66,889 r/	14,298 r/	19,470 r/	17,958 r/	15,163
Colorado.....	33,232 r/a/	6,905 r/a/	9,318 r/a/	9,477 r/a/	7,532
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	33,657 r/	7,393 r/	10,152 r/	8,481 r/	7,631
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	60,438 b/	11,465 b/	15,941 b/	18,158 b/	14,874

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Note: Percent of estimation for each item is indicated as follows: a/10 to 25 percent of this item is estimated.
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Table 3a. Production of Brick, Building or Common, and Facing by Regions and State: 2007
 [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.....	7,650,333	1,732,331	1,960,442	1,955,293	2,002,267
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	65,316	17,212	18,764	18,580	10,760
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	414,051 a/	70,121	115,798	117,930	110,202
East North Central.....	445,579	102,719	110,550	124,548	107,762
Ohio.....	292,995	68,701	73,655	80,525	70,114
Other (Illinois, Indiana, Michigan, and Wisconsin).....	152,584	34,018	36,895	44,023	37,648
West North Central.....	395,247	82,836	103,759	104,011	104,641
Kansas and Missouri.....	119,827	21,467	31,295	31,722	35,343
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	275,420	61,369	72,464	72,289	69,298
South Atlantic.....	3,131,273	768,487	812,673	762,374	787,739
Virginia.....	388,184 a/	83,860	99,368	108,644	96,312
North Carolina.....	1,479,146	373,007	375,317	364,591	366,231
South Carolina.....	534,821	131,124	135,913	128,138	139,646
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	729,122	180,496	202,075	161,001	185,550
East South Central.....	1,315,062	270,602	340,619	352,302	351,539
Alabama.....	566,966	117,369	149,424	152,236	147,937
Other (Kentucky, Mississippi, and Tennessee).....	748,096	153,233	191,195	200,066	203,602
West South Central.....	1,448,749	310,031	346,436	376,469	415,813
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	888,871	176,615	213,400	234,938	263,918
Mountain.....	275,889	71,516	67,208	59,509	77,656
Colorado.....	145,565	39,071	35,218	26,840	44,436
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	130,324	32,445	31,990	32,669	33,220
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	159,167	38,807	44,635	39,570	36,155

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Table 3b. Shipments of Brick, Building or Common, and Facing by Regions and State: 2007
 [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.....	7,237,176	1,601,288	1,897,797	2,037,343	1,700,748
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	55,703	12,932	15,658	16,058	11,055
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	374,146	84,464	104,442	114,637	70,603
East North Central.....	469,303	104,742	133,323	142,422	88,816
Ohio.....	290,299	67,776	82,935	88,813	50,775
Other (Illinois, Indiana, Michigan, and Wisconsin).....	179,004	36,966	50,388	53,609	38,041
West North Central.....	365,152	86,196	97,732	101,056	80,168
Kansas and Missouri.....	106,025	23,646	29,290	30,273	22,816
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	259,127	62,550	68,442	70,783	57,352
South Atlantic.....	3,051,927	681,405	779,849	848,836	741,837
Virginia.....	363,781	a/ 75,908	93,198	118,092	76,583
North Carolina.....	1,470,761	335,386	374,848	405,450	355,077
South Carolina.....	499,681	109,753	132,294	128,928	128,706
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	717,704	160,358	179,509	196,366	181,471
East South Central.....	1,237,817	228,483	337,545	361,631	310,158
Alabama.....	514,223	85,403	141,914	151,941	134,965
Other (Kentucky, Mississippi, and Tennessee).....	723,594	143,080	195,631	209,690	175,193
West South Central.....	1,275,799	307,673	326,750	341,830	299,546
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	774,204	184,548	195,833	208,611	185,212
Mountain.....	252,859	59,854	63,937	68,389	60,679
Colorado.....	120,843	27,981	30,950	34,465	27,447
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	132,016	31,873	32,987	33,924	33,232
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	154,470	35,539	38,561	42,484	37,886

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b/ 26 to 50 percent of this item is estimated and c/ over 50 percent of this item is estimated.

Table 3c. Value of Shipments of Brick, Building or Common, and Facing by Regions and State: 2007
 [Value in thousands of dollars]

Region and state	Total	Fourth quarter	Third quarter	Second quarter	First quarter
United States.....	1,873,294	414,326	492,574	531,856	434,538
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....	19,694	4,687	5,448	5,456	4,103
Middle Atlantic (New Jersey, New York, and Pennsylvania).....	117,391	26,672	33,267	35,875	21,577
East North Central.....	143,781	32,319	40,971	43,567	26,924
Ohio.....	99,768	23,254	28,679	30,406	17,429
Other (Illinois, Indiana, Michigan, and Wisconsin).....	44,013	9,065	12,292	13,161	9,495
West North Central.....	95,436	22,797	25,791	25,792	21,056
Kansas and Missouri.....	26,594	6,111	7,333	7,528	5,622
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....	68,842	16,686	18,458	18,264	15,434
South Atlantic.....	716,238	156,040	185,487	202,263	172,448
Virginia.....	96,168	b/ 21,011	27,441	29,212	18,504
North Carolina.....	320,237	67,903	83,381	90,345	78,608
South Carolina.....	135,553	28,693	34,740	38,578	33,542
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....	164,280	38,433	39,925	44,128	41,794
East South Central.....	260,972	49,279	69,427	77,383	64,883
Alabama.....	107,426	19,605	27,893	32,209	27,719
Other (Kentucky, Mississippi, and Tennessee).....	153,546	29,674	41,534	45,174	37,164
West South Central.....	354,254	84,111	90,625	95,746	83,772
Arkansas.....	(D)	(D)	(D)	(D)	(D)
Louisiana.....	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	(D)	(D)	(D)	(D)	(D)
Texas.....	216,516	51,207	53,936	58,510	52,863
Mountain.....	85,295	20,415	21,452	23,069	20,359
Colorado.....	41,347	9,739	10,484	11,787	9,337
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....	43,948	10,676	10,968	11,282	11,022
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....	80,233	18,006	20,106	22,705	19,416

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Table 4a. Production of Clay Construction Products: 2008 and 2007

Product code	Product description	Total		Fourth quarter		Third quarter		Second quarter		First quarter
2008										
3271210110	Brick, building or common and facing.....	5,316,809	a/	1,174,199	a/	1,416,927	a/	1,392,282	a/	1,333,401
3271210221	Structural facing tile and ceramic glazed brick.....	21,486	c/	4,251	r/c/	5,014	r/c/	5,828	r/c/	6,393
3271210226	Structural clay tile (except facing).....	20,045	r/c/	4,865	r/c/	5,507	r/c/	5,021	r/c/	4,652
3271220000	Clay floor and wall tile.....	505,806		103,508		136,098		135,974		130,226
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	123,959		26,254		32,602		32,895		32,208
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	278,797		52,958		75,612		77,071		73,156
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.....	61,335		13,949		14,376		15,011		17,999
2007										
3271210110	Brick, building or common and facing.....	7,650,333		1,732,331		1,960,442		1,955,293		2,002,267
3271210221	Structural facing tile and ceramic glazed brick.....	23,638	c/	6,154	a/	6,167	c/	6,598	c/	4,719
3271210226	Structural clay tile (except facing).....	29,441		6,720		7,479		7,663	a/	7,579
3271220000	Clay floor and wall tile.....	561,605		129,639		143,193		144,052		144,721
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	159,404		33,728		37,072		42,635		45,969
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	281,203		66,582	c/	74,458		69,286		70,877
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.....	112,744	r/	22,760	r/	26,242		31,789		31,953

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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 fittings; and thousands of square feet for clay floor and wall tile

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 and c/ over 50 percent of this item is estimated.

Table 4b. Quantity of Shipments of Clay Construction Products: 2008 and 2007

Product code	Product description	Total	Fourth quarter	Third quarter	Second quarter	First quarter
2008						
3271210110	Brick, building or common and facing.....	5,053,935 a/	971,806 a/	1,399,572 a/	1,484,024 a/	1,198,533
3271210221	Structural facing tile and ceramic glazed brick.....	25,297 r/c/	5,586 r/c/	5,861 r/c/	6,509 r/c/	7,341
3271210226	Structural clay tile (except facing).....	23,410 r/c/	5,797 r/c/	6,318 r/c/	5,797 r/c/	5,498
3271220000	Clay floor and wall tile.....	484,956	104,025	137,318	119,113	124,500
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	(D)	(D) a/	30,184 a/	30,464	29,265
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	270,717 r/a/	57,394 r/a/	81,304 r/a/	62,104 r/a/	69,915
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.....	81,587	18,642	24,896	21,965	16,084
2007						
3271210110	Brick, building or common and facing.....	7,237,176	1,601,288	1,897,797	2,037,343	1,700,748
3271210221	Structural facing tile and ceramic glazed brick.....	36,717 c/	10,764 b/	10,451 c/	9,158 c/	6,344
3271210226	Structural clay tile (except facing).....	35,477	8,509	8,815	8,844 a/	9,309
3271220000	Clay floor and wall tile.....	544,988	117,241	140,006	143,810	143,931
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	156,617	35,173	39,166	40,104	42,174
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	269,411	53,468 c/	70,354	71,649	73,940
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.....	121,630 r/	22,399 r/	30,975	35,130	33,126

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.

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 and c/ over 50 percent of this item is estimated.

Table 4c. Value of Shipments of Clay Construction Products: 2008 and 2007
 [Value in thousands of dollars]

Product code	Product description	Total		Fourth quarter		Third quarter		Second quarter		First quarter
2008										
3271210110	Brick, building or common and facing.....	1,300,526	r/a/	254,813	r/a/	357,355	a/	377,170	a/	311,188
3271210221	Structural facing tile and ceramic glazed brick.....	14,254	r/c/	3,188	r/c/	3,255	r/c/	3,757	r/c/	4,054
3271210226	Structural clay tile (except facing).....	7,712	r/c/	1,906	r/c/	2,121	r/c/	1,890	r/c/	1,795
3271220000	Clay floor and wall tile.....	709,826		161,194		194,881		178,850		174,901
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	223,770	a/	51,724	a/	58,716	a/	57,580	a/	55,750
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	248,004	r/b/	53,249	r/b/	74,498	r/b/	58,775	r/b/	61,482
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.....	34,101		7,754		10,424		8,923		7,000
2007										
3271210110	Brick, building or common and facing.....	1,873,294		414,326		492,574		531,856		434,538
3271210221	Structural facing tile and ceramic glazed brick.....	19,603	c/	5,892	b/	5,526	c/	4,721	c/	3,464
3271210226	Structural clay tile (except facing).....	10,822		2,640		2,743		2,636	a/	2,803
3271220000	Clay floor and wall tile.....	794,733		177,171		205,340		206,221		206,001
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	274,498		61,785	a/	68,964		71,209		72,540
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	261,138		54,589	c/	70,400		66,916		69,233
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.....	55,673	r/	9,460	r/	13,603		15,869		16,741

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.

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 and c/ over 50 percent of this item is estimated.

Table 5. Shipments, Exports, and Imports of Selected Clay Construction Products: 2008 and 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/
2008							
Brick, building or common and facing 2/.....	1,000 bricks.....	5,053,935	1,300,526	47,898	16,623	0.9	1.3
Structural clay tile and ceramic glazed brick	.....do.....	(X)	21,966	(X)	13,188	(X)	60.0
Clay floor and wall tile 3/.....	1,000 sq meters.....	45,054	709,826	4,693	43,512	10.4	6.1
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	74,015	34,101	1,056	4,548	1.4	13.3
2007							
Brick, building or common and facing 2/.....	1,000 bricks.....	7,237,176	1,873,294	40,613	14,851	0.6	0.8
Structural clay tile and ceramic glazed brick.....	.....do.....	(X)	30,425	(X)	21,650	(X)	71.2
Clay floor and wall tile 3/.....	1,000 sq meters.....	50,631	794,733	4,410	41,859	8.7	5.3
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	110,341	55,673	1,000	4,312	0.9	7.7
Product description	Unit of measure	Imports for consumption	Apparent consumption 6/			Percent imports to apparent consumption	
		Quantity	Value 5/	Quantity	Value 1/	Quantity	Value
2008							
Brick, building or common and facing 2/.....	1,000 bricks.....	97,739	21,664	5,103,776	1,305,567	1.9	1.7
Structural clay tile and ceramic glazed brick.....	.....do.....	(X)	9,814	(X)	18,592	(X)	52.8
Clay floor and wall tile 3/.....	1,000 sq meters.....	156,591	1,624,960	196,952	2,291,274	79.5	70.9
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	420	931	73,379	30,484	0.6	3.1
2007							
Brick, building or common and facing 2/.....	1,000 bricks.....	70,914	18,337	7,267,477	1,876,780	1.0	1.0
Structural clay tile and ceramic glazed brick.....	.....do.....	(X)	8,161	(X)	16,936	(X)	48.2
Clay floor and wall tile 3/.....	1,000 sq meters.....	110,738	1,074,328	156,959	1,827,202	70.6	58.8
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	486	834	109,827	52,195	0.4	1.6

(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/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: 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: 2008

Product description	Export code	Import code
Brick, building or common and facing.....	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	6907.10.0000
	6907.90.0000	6907.90.0011
		6907.90.0051
	6908.10.0000	6908.10.1000
		6908.10.2000
		6908.10.5000
	6908.90.0000	6908.90.0011
	6908.90.0051	
Vitrified clay sewer pipe and fittings.....	6906.00.0000	6906.00.0000

Sources: 2008 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 for Statistical Reporting Purposes (2008)

Historical Note

The Census Bureau has collected data on clay products since 1947.

Historical Current Industrial Reports data (called Facts for Industry before 1959) may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>.