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Plumbing Fixtures - Summary 1997

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Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the 1996 Manufacturing Profiles, issued July 1998.

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Table 1. Shipments of Selected Types of Plumbing Fixtures: 1993 to 1997  
 [Quantity in thousands of units]

Product description	1997	1996	1995	1994	1993
Lavatories. . . . .	7,460	7,458	7,129	6,982	6,958
Vitreous china and other nonmetals 1/. . . . .	5,786	5,686	5,494	5,402	5,447
Cast-iron (enameled) 1/. . . . .	(D)	(D)	(D)	(D)	(D)
Steel. . . . .	1,674	1,838	1,635	1,579	1,512
Water closet bowls. . . . .	7,521	8,623	8,829	9,685	8,845
Flushtanks. . . . .	7,110	7,163	6,652	7,559	7,434
Kitchen sinks 2/. . . . .	5,329	5,131	4,961	5,034	4,810
Cast-iron (enameled). . . . .	(NA)	(NA)	(NA)	(NA)	(NA)
Steel and other materials . . . . .	(NA)	(NA)	(NA)	(NA)	(NA)
Cast-iron (enameled) and all other materials 2/. . . . .	(D)	(D)	(D)	(D)	(D)
Steel . . . . .	4,276	4,166	4,086	4,056	3,918
Bathtubs 3/. . . . .	4,495	4,442	3,904	3,826	3,507
Cast-iron (enameled) 3/ . . . . .	(D)	(D)	(D)	(D)	(D)
Steel (enameled). . . . .	894	977	880	928	864
Plastics and all other materials 3/. . . . .	(D)	(D)	(D)	(D)	(D)
Fiberglass, and cultured marble . . . . .	2,723	2,540	2,203	2,125	1,859
Whirlpool baths. . . . .	489	483	442	426	385

D Withheld to avoid disclosing data for individual companies. NA Not available.

1/The data for "Lavatories, cast-iron (enameled)" are included with "Lavatories, vitreous china and other non metals" to avoid disclosing data for individual companies.

2/The data for "Kitchen sinks, cast-iron (enameled) and all other materials" are included in "Kitchen sinks, total" to avoid disclosing data for individual companies.

3/The data for "Bathtubs, cast-iron (enameled)" and "Bathtubs, plastics and all other materials" are included in "Bathtubs, total" to avoid disclosing data for individual companies.

Table 2. Value of Shipments of Plumbing Fixtures by Material: 1993 to 1997  
 [Value in thousands of dollars]

Product description	1997	1996	1995	1994 1/	1993 1/
Total..... r/	3,322,739	r/ 3,144,297	2,953,621	2,912,992	2,670,165
Metal.....	672,814	643,775	578,319	585,625	578,455
Cast iron (enameled).....	261,333	270,529	239,962	247,277	247,476
Steel and other metal.....	411,481	373,246	338,357	338,348	330,979
Vitreous china.....	875,908	859,693	891,869	941,060	843,388
Fiberglass.....	1,267,084	1,069,722	996,465	928,463	836,733
Gel coat.....	569,864	507,479	458,510	428,964	388,176
Acrylic..... r/	697,220	r/ 637,243	537,955	499,499	448,557
Plastics.....	371,716	362,469	337,156	302,584	271,509
Cultured marble.....	179,039	167,363	168,326	137,617	135,698
Other.....	192,677	195,106	168,830	164,967	135,811
All other materials, nonmetal 2/..... r/	135,217	r/ 133,638	149,812	155,260	140,080

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

1/1994 and 1993 data revised.

2/Includes plumbing fixtures n.s.k. (not specified by kind).

Table 3. Quantity of Shipments of Plumbing Fixtures: 1993 to 1997  
 [Quantity in thousands of units]

Quarter and year	Lavatories	Water closet bowls	Flush tanks	Kitchen sinks	Bathtubs	Whirl-pool baths
1997						
Total.....	7,460	7,521	7,110	5,329	4,495	489
First quarter.....	1,926	1,889	1,781	1,307	1,102	114
Second quarter.....	1,934	1,895	1,804	1,350	1,171	125
Third quarter.....	1,807	1,882	1,786	1,297	1,181	137
Fourth quarter.....	1,793	1,854	1,739	1,375	1,042	112
1996						
Total.....	7,458	8,623	7,163	5,131	4,442	482
First quarter.....	1,775	2,093	1,695	1,239	1,017	105
Second quarter.....	1,899	2,241	1,853	1,324	1,171	132
Third quarter.....	1,928	2,166	1,811	1,275	1,250	138
Fourth quarter.....	1,856	2,123	1,804	1,293	1,004	107
1995						
Total.....	7,129	8,829	6,652	4,961	3,904	442
First quarter.....	1,899	2,442	1,843	1,356	954	114
Second quarter.....	1,786	2,265	1,678	1,245	965	103
Third quarter.....	1,784	2,124	1,639	1,239	990	120
Fourth quarter.....	1,660	1,998	1,492	1,122	995	105
1994						
Total.....	6,982	9,685	7,559	5,034	3,826	426
First quarter.....	1,710	2,275	1,801	1,258	893	98
Second quarter.....	1,739	2,504	1,915	1,327	964	107
Third quarter.....	1,825	2,470	1,934	1,233	1,003	117
Fourth quarter.....	1,708	2,436	1,909	1,216	966	105
1993						
Total.....	6,958	8,845	7,434	4,810	3,507	385
First quarter.....	1,772	2,172	1,799	1,166	844	87
Second quarter.....	1,795	2,110	1,795	1,212	886	95
Third quarter.....	1,716	2,239	1,944	1,205	914	101
Fourth quarter.....	1,675	2,324	1,897	1,228	863	102

Note: Data may not add because of independent rounding.

Table 4a. Total Production and Shipments of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments	
				Quantity	Value
	Plumbing fixtures.....	(NA)	(X)	(X)	3,322,739
	Drinking fountains 1/.....	(NA)	50,083	50,239	14,472
34310 15	Metal 1/.....	5	(D)	(D)	(D)
32610 12	Vitreous china 1/.....	3	(D)	(D)	(D)
19001 02	All other materials 1/.....	2	(D)	(D)	(D)
	Lavatories.....	(NA)	7,516,050	7,459,563	375,357
34310 17	Cast-iron (enameled) 2/.....	4	(D)	(D)	(D)
34310 18	Steel (enameled).....	6	1,677,309	1,644,886	26,426
34310 19	Steel (stainless).....	7	29,249	28,602	6,001
32610 17	Vitreous china.....	11	3,235,209	3,249,276	157,374
30880 04	Cultured marble.....	80	1,918,928	1,894,695	132,065
30880 31	Other plastics 2/.....	8	655,462	642,104	53,491
19001 03	All other materials 2/.....	3	(D)	(D)	(D)
	Water closet bowls 1.6 gpf, excluding flush tank unless integral 3/.....	(NA)	8,051,614	8,106,944	459,258
	Vitreous china				
	17 inches from floor to rim of bowl:				
	Close coupled for use with flush tank:				
32610 18, 22	Gravity and pressurized.....	10	2,316,271	2,307,710	107,229
	One-piece:				
32610 25, 26	Gravity and pressurized .....	1	(D)	(D)	(D)
	Flushometer valve:				
32610 28	Floor mounted.....	4	(D)	(D)	(D)
	Less than 17 inches from floor to rim of bowl:				
	Close coupled for use with flush tank:				
32610 32, 34	Gravity and pressurized .....	7	4,303,622	4,289,444	175,791
	One-piece:				
32610 38	Gravity .....	5	362,132	376,274	(D)
32610 42	Pressurized.....	3	(D)	(D)	(D)
	Flushometer valve:				
32610 44	Wall mounted.....	5	(D)	270,316	17,361
32610 46	Floor mounted.....	5	193,904	207,417	14,225
	Blowout 3.5 gpf:				
32610 48	Vitreous china 3/.....	5	(D)	(D)	(D)
	Any bowl style:				
19001 17	All materials other than vitreous china 3/....	7	(D)	(D)	(D)
32610 31	Flush tanks (vitreous china).....	10	6,853,894	7,109,538	252,217

Continued

Table 4a. Total Production and Shipments of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments	
				Quantity	Value
	Urinals.....	(NA)	287,396	303,058	32,635
34310 38	Metal.....	7	4,070	4,057	2,080
32610 36	Vitreous china.....	9	283,326	299,001	30,555
	Kitchen sinks, not including				
	bar sinks 4/.....	(NA)	5,238,719	5,328,511	348,154
34310 41	Cast-iron (enameled) 4/.....	3	(D)	(D)	117,813
34310 42	Steel (enameled).....	7	325,454	392,265	12,931
34310 47	Steel (stainless).....	7	3,852,790	3,883,647	186,847
19001 07	All other materials 4/.....	12	(D)	(D)	117,813
19001 08	Bar sinks (all materials).....	24	389,887	391,349	23,868
	Wash sinks and service sinks, mop sinks, sink and laundry tray combinations, and laundry trays 5/.....	(NA)	822,956	819,033	62,967
34310 54	Metal.....	9	64,464	66,078	33,151
30880 33	Plastics.....	6	728,913	725,932	14,018
32610 54	Vitreous china.....	4	11,808	10,866	3,413
32722 84	Concrete and all other materials 5/.....	4	(D)	(D)	(D)
	Bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths 6/.....	(NA)	4,491,728	4,495,447	662,488
34310 61	Cast-iron (enameled) 6/.....	2	(D)	(D)	(D)
34310 62	Steel (enameled).....	5	882,457	893,725	60,415
30880 12	Fiberglass (FRP) gel coat.....	30	2,497,896	2,496,928	409,168
30880 13	Fiberglass (FRP) acrylic.....	29	207,149	205,584	56,576
30880 14	Cultured marble.....	56	20,430	20,241	11,162
30880 15	Other plastics (PVC, ABS).....	11	470,730	466,192	31,729
19001 09	All other materials 6/.....	2	(D)	(D)	(D)
	Showers receptors, sold separately.....	(NA)	309,853	305,617	19,581
30886 55	Plastics.....	25	293,342	287,023	15,104
19001 10	All other materials.....	35	16,511	18,594	4,477
	Showers stalls, including receptor 7/.....	(NA)	1,027,859	1,014,544	210,117
34310 74	Metal 7/.....	2	(D)	(D)	(D)
30880 21	Fiberglass (FRP) gel coat.....	26	674,374	665,200	128,364
30880 22	Fiberglass (FRP) acrylic.....	15	104,099	100,531	39,306
30880 23	Other plastics.....	13	111,025	110,895	8,901
19001 11	All other materials 7/.....	22	(D)	(D)	(D)
	Wall surrounds, sold as separate units.....	(NA)	1,085,976	1,136,488	70,666

Continued

Table 4a. Total Production and Shipments of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments	
				Quantity	Value
30880 70	Showers (all materials).....	57	280,511	307,189	21,418
30880 71	Bathtubs (all materials).....	47	805,465	829,299	49,248
19222 08	Bidets (all materials).....	9	44,471	46,836	6,194
	Whirlpool baths, not spas or hot tubs (noninstitutional) 8/.....	(NA)	498,349	488,516	329,291
34310 86	Cast-iron (enameled) 8/.....	2	(D)	(D)	(D)
30880 26	Fiberglass (FRP) gel coat.....	22	40,603	41,060	27,725
30880 27	Fiberglass (FRP) acrylic.....	36	403,973	391,420	262,904
30880 28	Cultured marble.....	55	9,027	8,840	10,142
30886 29	Other plastics.....	8	38,556	40,917	18,316
19001 12	All other materials 8/.....	2	(D)	(D)	(D)
19001 15	Hot tubs and spas (noninstitutional, all materials).....	29	156,049	155,895	401,102
	All other fixtures not described above.....	(NA)	(X)	(X)	54,372
30882 20	Plastic.....	7	(X)	(X)	441
19002 20	All other materials.....	12	(X)	(X)	53,931

D Withheld to avoid disclosing data for individual companies. FRP Fiberglass reinforced plywood.  
 NA Not available. X Not applicable.

1/The data for "Drinking fountains, metal," "Drinking fountains, vitreous china," and "Drinking fountains, all other materials" are combined with "Drinking fountains" total to avoid disclosing data for individual companies.

2/The data for "Lavatories, cast-iron (enameled)," and "Lavatories, all other materials" are included with "Lavatories, other plastics" to avoid disclosing data for other companies.

3/The data for "Blowout 3.5 gpf" and "Any bowl style," are included with "Water closet bowls, total" to avoid disclosing data for individual companies.

4/The data for "Kitchen sinks, cast-iron (enameled)" and "Kitchen sinks, all other materials" are included with "Kitchen sinks" to avoid disclosing data for individual companies.

5/The data for "Wash sinks, concrete and all other materials" are included in "Wash sinks" totals to avoid disclosing data for individual companies.

6/The data for "Bathtubs, cast-iron (enameled)" and "Bathtubs, all other materials" are included with "Bathtubs" totals to avoid disclosing data for individual companies.

7/The data for "Showers stalls, all other materials," and "Showers stalls, metal" are included with "Shower stalls, totals" to avoid disclosing data for individual companies.

8/The data for "Whirlpool baths, all other materials," and "Whirlpool baths, cast-iron (enameled)" are included with "Whirlpool baths" totals to avoid disclosing data for individual companies.

Table 4b. Total Production and Shipments of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments	
				Quantity	Value
	Plumbing fixtures.....	(NA)	(X)	(X)	3,144,297
	Drinking fountains 1/.....	(NA)	44,411	44,363	12,606
34310 15	Metal 1/.....	5	(D)	(D)	(D)
32610 12	Vitreous china 1/.....	4	(D)	(D)	(D)
19001 02	All other materials 1/.....	2	(D)	(D)	(D)
	Lavatories.....	(NA)	7,524,025	7,458,077	360,756
34310 17	Cast-iron (enameled) 2/.....	2	(D)	(D)	(D)
34310 18	Steel (enameled).....	3	1,812,965	1,716,000	27,960
34310 19	Steel (stainless).....	5	26,321	26,403	5,239
32610 17	Vitreous china.....	8	3,323,753	3,335,870	156,291
30880 04	Cultured marble.....	4	1,811,431	1,802,067	123,551
30880 31	Other plastics 2/.....	6	549,598	577,737	47,715
19001 03	All other materials 2/.....	1	(D)	(D)	(D)
	Water closet bowls (vitreous china).....	(NA)	8,589,949	8,623,466	476,600
	1.6 or less g.p.f. low consumption				
19002 02	(any material).....	8	6,707,529	6,789,057	363,471
32610 21	Flushometer.....	7	487,912	511,655	37,825
32610 24	One piece.....	6	37,294	41,250	8,682
32610 27	Close couple (for use with flush tank) 3/.....	11	1,357,214	1,281,504	66,622
19001 04	All other materials 3/.....	5	(D)	(D)	(D)
32610 31	Flush tanks (vitreous china).....	8	6,921,301	7,163,397	241,844
	Urinals.....	(NA)	262,644	274,909	29,227
34310 38	Metal.....	5	5,844	4,845	2,506
32610 36	Vitreous china.....	8	256,800	270,064	26,721
	Kitchen sinks, not including				
	bar sinks 4/.....	(NA)	5,154,306	5,130,849	314,174
34310 41	Cast-iron (enameled) 4/.....	2	(D)	(D)	(D)
34310 42	Steel (enameled).....	4	454,373	423,399	12,369
34310 47	Steel (stainless).....	4	3,711,647	3,702,353	174,548
19001 07	All other materials 4/.....	8	(D)	(D)	(D)
19001 08	Bar sinks (all materials).....	20	359,146	361,353	21,396
	Wash sinks and service sinks, mop sinks, sink and laundry tray combinations, and laundry trays 5/.....	(NA)	654,770	657,340	50,825

Continued



Table 4b. Total Production and Shipments of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments	
				Quantity	Value
34310 54	Metal.....	5	55,631	55,962	23,567
30880 33	Plastics 5/.....	3	(D)	(D)	(D)
32610 54	Vitreous china.....	4	9,028	8,817	2,750
32722 84	Concrete and all other materials.....	4	10,952	15,027	10,559
Bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths 6/.....					
		(NA)	4,375,433	4,442,183	655,411
34310 61	Cast-iron (enameled) 6/ .....	2	(D)	(D)	(D)
34310 62	Steel (enameled).....	3	976,770	953,159	67,174
30880 12	Fiberglass (FRP) gel coat.....	31	2,344,821	2,346,890	409,984
30880 13	Fiberglass (FRP) acrylic.....	12	176,171	269,532	47,899
30880 14	Cultured marble.....	51	18,936	18,965	10,298
30880 15	Other plastics (PVC, ABS) 6/.....	7	(D)	(D)	(D)
19001 09	All other materials 6/.....	2	(D)	(D)	(D)
Showers receptors, sold separately.....					
		(NA)	312,949	309,767	17,593
30886 55	Plastics.....	20	298,287	290,909	13,319
19001 10	All other materials.....	28	14,662	18,858	4,274
Showers stalls, including receptor.....					
		(NA)	922,657	920,501	178,118
34310 74	Metal 7/.....	3	128,635	129,765	29,049
30880 21	Fiberglass (FRP) gel coat .....	25	564,399	564,305	105,582
30880 22	Fiberglass (FRP) acrylic.....	9	99,942	95,722	35,242
30880 23	Other plastics.....	5	129,681	130,709	8,245
19001 11	All other materials 7/.....	19	(D)	(D)	(D)
Wall surrounds, sold as separate units.....					
		(NA)	1,361,565	1,350,118	77,717
30880 70	Showers (all materials).....	44	364,978	373,643	25,482
30880 71	Bathtubs (all materials).....	44	996,587	976,475	52,235
19222 08	Bidets (all materials).....	9	38,172	42,459	5,913
Whirlpool baths, not spas or hot tubs (noninstitutional).....					
		(NA)	483,271	483,363	318,799
34310 86	Cast-iron (enameled) 8/.....	2	5,843	6,064	10,328
30880 26	Fiberglass (FRP) gel coat.....	22	42,562	42,697	27,049
30880 27	Fiberglass (FRP) acrylic.....	33	385,227	386,186	251,853
30880 28	Cultured marble.....	52	7,916	7,848	9,333
30886 29	Other plastics.....	6	41,723	40,568	20,236
19001 12	All other materials 8/.....	3	(D)	(D)	(D)

Continued

Table 4b. Total Production and Shipments of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments	
				Quantity	Value
19001 13	Hot tubs (noninstitutional, all materials) 9/.....	1	(D)	(D)	(D)
19001 15	Spas (noninstitutional, all materials) 9/.....	28	130,968	132,389	338,593
	All other fixtures not described above.....	(NA)	(X)	(X)	44,725
30882 20	Plastic.....	5	(X)	(X)	471
19002 20	All other materials.....	7	(X)	(X)	44,254

D Withheld to avoid disclosing data for individual companies. FRP Fiberglass reinforced plywood.  
 NA Not available. X Not applicable.

1/The data for "Drinking fountains, metal," "Drinking fountains, vitreous china," and "Drinking fountains, all other materials" are combined with "Drinking fountains" totals to avoid disclosing data for individual companies.

2/The data for "Lavatories, cast-iron (enameled)," and "Lavatories, all other materials" are included with "Lavatories, other plastics" to avoid disclosing data for other companies.

3/The data for "Water closet bowls, all other materials," are included with "Water closet bowls, close couple" to avoid disclosing data for individual companies.

4/The data for "Kitchen sinks, cast-iron (enameled)" and "Kitchen sinks, all other materials" are included with "Kitchen sinks" totals to avoid disclosing data for individual companies.

5/The data for "Wash sinks, plastics" are included in "Wash sinks" totals to avoid disclosing data for individual companies.

6/The data for "Bathtubs, cast-iron (enameled)," "Bathtubs, other plastics," and "Bathtubs, all other materials" are included with "Bathtubs" totals to avoid disclosing data for individual companies.

7/The data for "Showers stalls, all other materials" are included with "Showers stalls, metal" to avoid disclosing data for individual companies.

8/The data for "Whirlpool baths, all other materials" are included with "Whirlpool baths, cast-iron (enameled)" to avoid disclosing data for individual companies.

9/The data for "Hot tubs" are included with "Spas" to avoid disclosing data for individual companies.

Table 5. Production, Shipments and Stocks of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
First quarter						
	Plumbing fixtures.....	(NA)	(X)	(X)	719,530	(X)
	Drinking fountains 1/.....	(NA)	9,991	9,785	2,839	901
34310 15	Metal 1/.....	5	(D)	(D)	(D)	(D)
32610 12	Vitreous china 1/.....	3	(D)	(D)	(D)	(D)
19001 02	All other materials 1/.....	2	(D)	(D)	(D)	(D)
	Lavatories.....	(NA)	r/ 1,914,508	1,925,672	r/ 96,612	543,765
34310 17	Cast-iron (enameled) 2/.....	4	(D)	(D)	(D)	(D)
34310 18	Steel (enameled).....	6	417,464	r/ 437,411	r/ 7,196	92,657
34310 19	Steel (stainless).....	7	r/ 7,412	r/ 7,230	r/ 1,547	(D)
32610 17	Vitreous china.....	11	a/r/ 848,967	a/ 850,313	41,545	a/r/ 332,780
30880 04	Cultured marble.....	80	b/ 470,500	b/r/ 470,035	b/r/ 32,944	b/ 66,370
30880 31	Other plastics 2/.....	8	b/r/ 170,164	b/r/ 160,683	b/r/ 13,379	(D)
19001 03	All other materials 2/.....	3	(D)	(D)	(D)	(D)
	Water closet bowls 1.6 gpf, excluding flush tank unless integral 3/.....	(NA)	r/ 2,049,531	r/ 2,050,804	r/ 116,617	r/ 585,215
	Vitreous china:					
	17 inches from floor to rim of bowl:					
	Close coupled for use with flush tank					
3261018, 22	Gravity and pressurized.....	10	r/ 615,462	r/ 639,870	r/ 29,204	r/ 207,853
	One-piece:					
3261025, 26	Gravity and pressurized .....	1	(D)	(D)	(D)	(D)
	Flushometer valve:					
32610 28	Floor mounted.....	4	(D)	(D)	(D)	(D)
	Less than 17 inches from floor to rim of bowl:					
	Close coupled for use with flush tank					
3261032, 34	Gravity and pressurized .....	7	r/ 1,060,250	r/ 1,026,706	r/ 43,718	r/ 234,607
	One-piece:					
32610 38	Gravity .....	5	r/ 86,676	r/ 88,635	(D)	(D)
32610 42	Pressurized.....	3	(D)	(D)	(D)	(D)
	Flushometer valve:					
32610 44	Wall mounted.....	5	(D)	71,087	4,495	15,223
32610 46	Floor mounted.....	5	38,944	47,133	3,191	10,913
	Blowout 3.5 gpf:					
32610 48	Vitreous china 3/.....	5	(D)	(D)	(D)	(D)
	Any bowl style:					
19001 17	All materials other than vitreous china 3/.....	7	(D)	(D)	(D)	(D)
32610 31	Flush tanks (vitreous china).....	10	a/ 1,664,321	a/ 1,780,904	a/ 65,683	a/ 418,680
	Urinals.....	(NA)	74,000	r/ 74,406	r/ 8,132	24,362
34310 38	Metal.....	7	a/r/ 1,488	b/r/ 1,138	b/r/ 660	(D)
32610 36	Vitreous china.....	9	72,512	r/ 73,268	r/ 7,472	(D)
	Kitchen sinks, not including bar sinks 4/.....	(NA)	1,296,297	1,306,686	83,122	174,170
34310 41	Cast-iron (enameled) 4/.....	3	(D)	(D)	r/ 28,930	(D)
34310 42	Steel (enameled).....	7	b/ 77,765	b/ 104,031	b/ 3,492	19,834
34310 47	Steel (stainless).....	7	a/ 956,636	b/ 960,206	44,962	b/ 85,918
19001 07	All other materials 4/.....	12	(D)	(D)	b/r/ 5,739	(D)
19001 08	Bar sinks (all materials).....	24	93,841	92,638	r/ 5,831	r/ 15,046

Table 5. Production, Shipments and Stocks of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced		Shipments		Stocks, end of quarter		
					Quantity	Value			
Wash sinks and service sinks, mop sinks, sink and laundry tray combinations, and laundry trays 5/.....									
		(NA)	r/	206,507	r/	205,571	r/	25,187	25,296
34310 54	Metal.....	9	b/r/	16,228	a/r/	17,658	b/r/	17,832	b/ 5,013
30880 33	Plastics.....	6	b/r/	182,228	b/r/	181,483	b/r/	3,505	(D)
32610 54	Vitreous china.....	4		(D)		(D)		(D)	(D)
32722 84	Concrete and all other materials 5/.....	4		(D)		(D)		(D)	(D)
Bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths 6/.....									
		(NA)		1,139,095		1,102,213		158,228	142,151
34310 61	Cast-iron (enameled) 6/.....	2		(D)		(D)		(D)	(D)
34310 62	Steel (enameled).....	5	b/	219,659	b/	230,569	b/	16,368	(D)
30880 12	Fiberglass (FRP) gel coat.....	30	a/	578,567	a/	570,020	a/	92,905	a/ 63,200
30880 13	Fiberglass (FRP) acrylic.....	29	a/	50,087	a/	50,875	a/	14,026	9,360
30880 14	Cultured marble.....	56	b/	3,111	b/	3,571	b/	1,919	(D)
30880 15	Other plastics (PVC, ABS).....	11	b/	178,779	b/	142,861	b/	9,722	(D)
19001 09	All other materials 6/.....	2		(D)		(D)		(D)	(D)
Showers receptors, sold separately.....									
		(NA)	r/	74,784	r/	77,880		4,688	17,561
30886 55	Plastics.....	25	b/r/	71,357	b/r/	74,170	b/	3,792	(D)
19001 10	All other materials.....	35	r/	3,427	a/r/	3,710	a/r/	896	(D)
Showers stalls, including receptor 7/.....									
		(NA)	r/	255,790	r/	252,844	r/	51,266	r/ 25,742
34310 74	Metal 7/.....	2		(D)		(D)		(D)	(D)
30880 21	Fiberglass (FRP) gel coat.....	26	a/r/	165,741	a/	162,863	a/	30,849	b/r/ 16,464
30880 22	Fiberglass (FRP) acrylic.....	15	a/r/	25,160	a/	24,322	a/	9,611	r/ 2,998
30880 23	Other plastics.....	13	b/r/	30,229	b/r/	31,110	b/r/	2,328	(D)
19001 11	All other materials 7/.....	22		(D)		(D)		(D)	(D)
Wall surrounds, sold as separate units.....									
		(NA)	r/	324,624	r/	345,746	r/	20,813	r/ 29,561
30880 70	Showers (all materials).....	57	b/r/	84,836	b/	83,618	b/r/	6,052	(D)
30880 71	Bathtubs (all materials).....	47	b/r/	239,787	b/r/	262,127	b/r/	14,760	(D)
19222 08	Bidets (all materials).....	9	r/	10,859		12,063		1,602	r/ 8,553
Whirlpool baths, not spas or hot tubs (noninstitutional) 8/.....									
		(NA)		114,383		114,393		77,802	27,564
34310 86	Cast-iron (enameled) 8/.....	2		(D)		(D)		(D)	(D)
30880 26	Fiberglass (FRP) gel coat.....	22	b/	8,994	b/	9,009	b/	6,140	b/ 2,233
30880 27	Fiberglass (FRP) acrylic.....	36	a/	91,920	a/	89,820	a/	61,542	b/ 21,313
30880 28	Cultured marble.....	55	b/r/	2,064	b/r/	2,043	b/r/	2,342	b/r/ 2,580
30886 29	Other plastics.....	8	a/r/	9,673	a/r/	11,789	r/	5,044	(D)
19001 12	All other materials 8/.....	2		(D)		(D)		(D)	(D)
19001 15	Hot tubs and spas (noninstitutional, all materials).....	29	b/r/	34,333	b/	28,804	b/r/	75,741	7,991
All other fixtures not described above.....									
		(NA)		(X)		(X)		11,731	(X)
30882 20	Plastic.....	7		(X)		(X)	b/r/	112	(X)
19002 20	All other materials.....	12		(X)		(X)	b/	11,620	(X)
Second quarter									
	Plumbing fixtures.....	(NA)		(X)		(X)		861,666	(X)
Drinking fountains 1/.....									
		(NA)		13,624		13,770		3,794	745
34310 15	Metal 1/.....	5		(D)		(D)		(D)	(D)

Table 5. Production, Shipments and Stocks of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments				Stocks, end of quarter
				Quantity	Value	Quantity	Value	
32610 12	Vitreous china 1/.....	3	(D)		(D)	(D)	(D)	
19001 02	All other materials 1/.....	2	(D)		(D)	(D)	(D)	
	Lavatories.....	(NA)	r/ 1,909,728		1,934,146	r/ 99,208	547,258	
34310 17	Cast-iron (enameled) 2/.....	4	(D)		(D)	(D)	(D)	
34310 18	Steel (enameled) .....	6	432,412		411,801	6,706	113,268	
34310 19	Steel (stainless).....	7	r/ 6,683	r/ 7,002	r/ 1,435	r/ 675		
32610 17	Vitreous china.....	11	a/r/ 828,182	a/ 865,966	r/ 42,555	a/r/ 311,642		
30880 04	Cultured marble .....	80	b/ 466,027	b/r/ 482,393	b/r/ 34,500	b/ 62,430		
30880 31	Other plastics 2/ .....	8	b/r/ 176,531	b/r/ 166,984	b/r/ 14,013	r/ 59,243		
19001 03	All other materials 2/.....	3	(D)		(D)	(D)	(D)	
	Water closet bowls 1.6 gpf, excluding flush tank unless integral 3/.....	(NA)	r/ 2,094,331	r/ 2,055,478	r/ 116,696	r/ 627,940		
	Vitreous china:							
	17 inches from floor to rim of bowl:							
	Close coupled for use with flush tank							
3261018, 22	Gravity and pressurized.....	10	r/ 619,067	r/ 604,528	r/ 28,107	r/ 215,918		
	One-piece:							
3261025, 26	Gravity and pressurized .....	1	(D)		(D)	(D)	(D)	
	Flushometer valve:							
32610 28	Floor mounted.....	4	(D)		(D)	(D)	(D)	
	Less than 17 inches from floor to rim of bowl:							
	Close coupled for use with flush tank							
3261032, 34	Gravity and pressurized .....	7	r/ 1,104,519	r/ 1,066,951	r/ 44,382	r/ 276,789		
	One-piece:							
32610 38	Gravity .....	5	91,397		91,762	(D)	(D)	
32610 42	Pressurized.....	3	(D)		(D)	(D)	(D)	
	Flushometer valve:							
32610 44	Wall mounted.....	5	(D)	r/ 63,720	r/ 4,150	r/ 12,348		
32610 46	Floor mounted.....	5	r/ 49,419	r/ 51,214	r/ 3,623	r/ 9,093		
	Blowout 3.5 gpf:							
32610 48	Vitreous china 3/.....	5	(D)		(D)	(D)	(D)	
	Any bowl style:							
19001 17	All materials other than vitreous china 3/.....	7	(D)		(D)	(D)	(D)	
32610 31	Flush tanks (vitreous china).....	10	a/ 1,769,536	a/ 1,803,577	a/ 64,407	a/ 379,775		
	Urinals.....	(NA)	72,322		80,689	8,625	20,200	
34310 38	Metal.....	7	a r/ 1,027	b r/ 1,021	b r/ 544	r/ (D)		
32610 36	Vitreous china.....	9	71,295		79,668	8,080	(D)	
	Kitchen sinks, not including bar sinks 4/.....	(NA)	1,346,980		1,350,156	88,859	194,345	
34310 41	Cast-iron (enameled) 4/.....	3	(D)		(D)	29,573	(D)	
34310 42	Steel (enameled).....	7	b/ 78,143	b/ 91,965	b/ 2,933	17,292		
34310 47	Steel (stainless).....	7	a/ 981,099	b/ 993,633	48,128	b/ 86,576		
19001 07	All other materials 4/.....	12	(D)		(D)	8,225	(D)	
19001 08	Bar sinks (all materials).....	24	97,107		96,909	r/ 5,844	r/ 14,404	
	Wash sinks and service sinks, mop sinks, sink and laundry tray combinations, and laundry trays 5/.....	(NA)	r/ 208,093	r/ 206,800	r/ 13,201	25,423		
34310 54	Metal.....	9	b/ 17,372	a/ 17,537	b/ 5,547	b/ 4803		
30880 33	Plastics.....	6	b/r/ 182,228	b/r/ 181,483	b/r/ 3,505	(D)		
32610 54	Vitreous china.....	4	(D)		(D)	(D)	r/ 2,723	

Table 5. Production, Shipments and Stocks of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
32722 84	Concrete and all other materials 5/.....	4	(D)	(D)	(D)	(D)
	Bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths 6/.....	(NA)	r/ 1,153,208	r/ 1,170,702	r/ 171,965	r/ 157,256
34310 61	Cast-iron (enameled) 6/ .....	2	(D)	(D)	(D)	(D)
34310 62	Steel (enameled).....	5	b/ 229,129	b/ 223,643	b/ 14,867	23,877
30880 12	Fiberglass (FRP) gel coat.....	30	a/r/ 667,080	a/r/ 670,952	a/ 108,284	a/r/ 57,691
30880 13	Fiberglass (FRP) acrylic.....	29	a/ 53,477	a/r/ 53,525	a/r/ 14,790	8,678
30880 14	Cultured marble.....	56	b/ 4,895	b/ 4,851	b/ 2,705	(D)
30880 15	Other plastics (PVC, ABS).....	11	b/r/ 81,437	b/r/ 115,219	b/r/ 7,838	(D)
19001 09	All other materials 6/.....	2	(D)	(D)	(D)	(D)
	Showers receptors, sold separately.....	(NA)	r/ 79,305	76,714	4,746	17,561
30886 55	Plastics.....	25	b/r/ 75,574	b/r/ 73,139	b/ 3,881	(D)
19001 10	All other materials.....	35	r/ 3,731	a/r/ 3,576	a/r/ 865	(D)
	Showers stalls, including receptor 7/.....	(NA)	r/ 258,441	r/ 256,452	52,946	24,911
34310 74	Metal 7/.....	2	(D)	(D)	(D)	(D)
30880 21	Fiberglass (FRP) gel coat .....	26	a/r/ 170,386	a/ 169,114	a/ 32,436	b/r/ 15,747
30880 22	Fiberglass (FRP) acrylic.....	15	a/r/ 26,483	a/ 25,496	a/ 9,976	r/ 2,983
30880 23	Other plastics.....	13	b/r/ 27,076	b/r/ 27,456	b/r/ 2,271	(D)
19001 11	All other materials 7/.....	22	(D)	(D)	(D)	(D)
	Wall surrounds, sold as separate units.....	(NA)	r/ 268,445	r/ 274,346	17,387	r/ 33,899
30880 70	Showers (all materials).....	57	b/r/ 71,172	b/ 77,887	b/ 5,358	(D)
30880 71	Bathtubs (all materials).....	47	b/r/ 197,273	b/r/ 196,459	b/r/ 12,028	(D)
19222 08	Bidets (all materials).....	9	r/ 10,566	11,541	1,554	r/ 7,614
	Whirlpool baths, not spas or hot tubs (noninstitutional) 8/.....	(NA)	130,268	125,036	82,751	28,868
34310 86	Cast-iron (enameled) 8/.....	2	(D)	(D)	(D)	(D)
30880 26	Fiberglass (FRP) gel coat.....	22	b/ 10,629	b/ 10,546	b/ 6,945	b/ 2,062
30880 27	Fiberglass (FRP) acrylic.....	36	a/ 105,250	a/ 99,895	a/ 66,123	b/ 23,451
30880 28	Cultured marble.....	55	b/ 2,022	b/ 2,043	b/ 2,348	b/ 2,528
30886 29	Other plastics.....	8	a/r/ 10,558	a/r/ 10,960	r/ 4,748	(D)
19001 12	All other materials 8/.....	2	(D)	(D)	(D)	(D)
19001 15	Hot tubs and spas (noninstitutional, all materials).....	29	b/r/ 43,721	b/ 45,372	b/r/ 115,434	r/ 7,829
	All other fixtures not described above.....	(NA)	(X)	(X)	r/ 14,248	(X)
30882 20	Plastic.....	7	(X)	(X)	b/r/ 113	(X)
19002 20	All other materials.....	12	(X)	(X)	b/r/ 14,136	(X)
	Third quarter					
	Plumbing fixtures.....	(NA)	(X)	(X)	867,340	(X)
	Drinking fountains 1/.....	(NA)	15,470	15,573	4,478	594
34310 15	Metal 1/.....	5	(D)	(D)	(D)	(D)
32610 12	Vitreous china 1/ .....	3	(D)	(D)	(D)	(D)
19001 02	All other materials 1/.....	2	(D)	(D)	(D)	(D)
	Lavatories.....	(NA)	1,838,879	1,807,174	88,145	579,234
34310 17	Cast-iron (enameled) 2/.....	4	(D)	(D)	(D)	(D)
34310 18	Steel (enameled) .....	6	431,691	403,254	6,328	142,099

Table 5. Production, Shipments and Stocks of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments				Stocks, end of quarter
				Quantity	Value			
34310 19	Steel (stainless).....	7	7,700	7,034	r/	1,430	r/	1,276
32610 17	Vitreous china.....	11	a/r/ 765,530	a/ 755,778		35,577	a/r/	325,560
30880 04	Cultured marble .....	80	b/ 491,370	b/ 479,112	b/	31,167	b/	65,397
30880 31	Other plastics 2/.....	8	b/r/ 142,589	b/r/ 161,997	b/r/	13,643	r/	44,902
19001 03	All other materials 2/.....	3	(D)	(D)		(D)		(D)
Water closet bowls 1.6 gpf, excluding flush tank unless integral 3/.....								
	Vitreous china:	(NA)	r/ 1,995,805	r/ 2,017,486	r/	114,065	r/	625,232
17 inches from floor to rim of bowl:								
Close coupled for use with flush tank								
3261018, 22	Gravity and pressurized.....	10	r/ 542,185	r/ 534,152	r/	25,763	r/	222,351
One-piece:								
3261025, 26	Gravity and pressurized .....	1	(D)	(D)		(D)		(D)
Flushometer valve:								
32610 28	Floor mounted.....	4	(D)	(D)		(D)		(D)
Less than 17 inches from floor to rim of bowl:								
Close coupled for use with flush tank								
3261032, 34	Gravity and pressurized .....	7	r/ 1,110,734	r/ 1,111,335	r/	44,610	r/	280,236
One-piece:								
32610 38	Gravity .....	5	r/ 100,534	r/ 97,459		(D)		(D)
32610 42	Pressurized.....	3	(D)	(D)		(D)		(D)
Flushometer valve:								
32610 44	Wall mounted.....	5	(D)	r/ 69,684	r/	4,486	r/	11,502
32610 46	Floor mounted.....	5	r/ 51,608	r/ 53,981	r/	3,699	r/	6,676
Blowout 3.5 gpf:								
32610 48	Vitreous china 3/.....	5	(D)	(D)		(D)		(D)
Any bowl style:								
19001 17	All materials other than vitreous china 3/.....	7	(D)	(D)		(D)		(D)
32610 31	Flush tanks (vitreous china).....	10	a/ 1,732,804	a/ 1,785,973	a/	62,326	a/r/	329,642
Urinals.....								
34310 38	Metal.....	(NA)	70,058	72,745		7,968		22,279
32610 36	Vitreous china.....	7	a/ 1,033	b/ 1,020	b/	569		(D)
		9	69,025	71,725		7,399		(D)
Kitchen sinks, not including bar sinks 4/.....								
34310 41	Cast-iron (enameled) 4/.....	(NA)	1,267,117	1,296,517		84,793	r/	163,174
34310 42	Steel (enameled) .....	3	(D)	(D)		29,342		(D)
34310 42	Steel (enameled) .....	7	b/ 90,570	b/ 92,569	b/	2,852		23,228
34310 47	Steel (stainless).....	7	a/ 943,356	b/ 936,724		45,299	b/	87,023
19001 07	All other materials 4/.....	12	(D)	(D)	b/	7,300		(D)
19001 08	Bar sinks (all materials).....	24	101,286	103,202	r/	6,168	r/	11,874
Wash sinks and service sinks, mop sinks, sink and laundry tray combinations, and laundry trays 5/.....								
34310 54	Metal.....	(NA)	r/ 203,755	r/ 203,047	r/	12,140		24,624
30880 33	Plastics.....	9	b/ 14,912	a/ 15,022	b/	4,688	b/	4,347
32610 54	Vitreous china.....	6	b/r/ 182,228	b/r/ 181,483	b/r/	3,505		(D)
32722 84	Concrete and all other materials 5/.....	4	(D)	(D)		(D)		2,685
		4	(D)	(D)		(D)		(D)
Bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths 6/.....								
34310 61	Cast-iron (enameled) 6/ .....	(NA)	r/ 1,149,636	r/ 1,181,012	r/	175,426	r/	146,304
		2	(D)	(D)		(D)		(D)

Table 5. Production, Shipments and Stocks of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.		Quantity produced		Shipments		Stocks, end of quarter	
						Quantity	Value		
34310 62	Steel (enameled).....	5	b/	238,341	b/	235,448	b/	15,431	(D)
30880 12	Fiberglass (FRP) gel coat.....	30	a/r/	666,359	a/r/	666,877	a/	110,598	a/r/ 59,503
30880 13	Fiberglass (FRP) acrylic.....	29	a/	57,109	a/r/	54,682	a/r/	14,925	9,419
30880 14	Cultured marble.....	56	b/	6,337	b/	6,286	b/	3,491	(D)
30880 15	Other plastics (PVC, ABS).....	11	b/r/	96,542	b/r/	113,637	b/r/	7,736	(D)
19001 09	All other materials 6/.....	2		(D)		(D)		(D)	(D)
	Showers receptors, sold separately.....	(NA)	r/	88,648	r/	84,779		5,505	17,561
30886 55	Plastics.....	25	b/r/	84,221	b/r/	79,258	b/	4,179	(D)
19001 10	All other materials.....	35	r/	4,426	a/r/	5,521	a/r/	1,326	(D)
	Showers stalls, including receptor 7/.....	(NA)	r/	271,415	r/	268,992	r/	56,581	r/ 26,208
34310 74	Metal 7/.....	2		(D)		(D)		(D)	(D)
30880 21	Fiberglass (FRP) gel coat.....	26	a/r/	179,764	a/	178,905	a/	35,176	b/r/ 16,446
30880 22	Fiberglass (FRP) acrylic.....	15	a/r/	28,589	a/	27,434	a/	10,750	r/ 3,100
30880 23	Other plastics.....	13	b/r/	28,568	b/r/	28,269	b/r/	2,394	(D)
19001 11	All other materials 7/.....	22		(D)		(D)		(D)	(D)
	Wall surrounds, sold as separate units.....	(NA)	r/	272,586	r/	269,229	r/	16,598	r/ 33,999
30880 70	Showers (all materials).....	57	b/r/	74,780	b/	75,807	b/	5,192	(D)
30880 71	Bathtubs (all materials).....	47	b/r/	197,806	b/r/	193,422	b/r/	11,406	(D)
19222 08	Bidets (all materials).....	9	r/	11,345		12,101		1,591	r/ 7,086
	Whirlpool baths, not spas or hot tubs (noninstitutional) 8/.....	(NA)		140,288		136,953		94,557	29,725
34310 86	Cast-iron (enameled) 8/.....	2		(D)		(D)		(D)	(D)
30880 26	Fiberglass (FRP) gel coat.....	22	b/	11,798	b/	11,713	b/	7,974	b/ 2,048
30880 27	Fiberglass (FRP) acrylic.....	36	a/	113,048	a/	112,019	a/	77,567	b/ 24,360
30880 28	Cultured marble.....	55	b/r/	2,112	b/r/	1,994	b/r/	2,286	b/ 2,176
30886 29	Other plastics.....	8	a/r/	12,081	a/r/	9,818	r/	4,342	(D)
19001 12	All other materials 8/.....	2		(D)		(D)		(D)	(D)
19001 15	Hot tubs and spas (noninstitutional, all materials).....	29	b/	43,177	b/r/	47,393	b/r/	121,293	r/ 5,844
	All other fixtures not described above.....	(NA)		(X)		(X)	r/	15,707	(X)
30882 20	Plastic.....	7		(X)		(X)	b/r/	109	(X)
19002 20	All other materials.....	12		(X)		(X)	b/r/	15,599	(X)
	Fourth quarter								
	Plumbing fixtures.....	(NA)		(X)		(X)		787,839	(X)
	Drinking fountains 1/.....	(NA)		10,998		11,111		3,361	497
34310 15	Metal 1/.....	5		(D)		(D)		(D)	(D)
32610 12	Vitreous china 1/.....	3		(D)		(D)		(D)	(D)
19001 02	All other materials 1/.....	2		(D)		(D)		(D)	(D)
	Lavatories.....	(NA)		1,852,935		1,792,570		91,392	587,614
34310 17	Cast-iron (enameled) 2/.....	4		(D)		(D)		(D)	(D)
34310 18	Steel (enameled).....	6		395,742		392,420		6,196	145,857
34310 19	Steel (stainless).....	7		7,454		7,336		1,589	(D)
32610 17	Vitreous china.....	11	a/	792,530	a/	777,219		37,698	a/r/ 337,649
30880 04	Cultured marble.....	80	b/	491,031	b/	463,155	b/	33,453	b/ 57,840
30880 31	Other plastics 2/.....	8	b/r/	166,178	b/r/	152,440	b/r/	12,456	(D)
19001 03	All other materials 2/.....	3		(D)		(D)		(D)	(D)



Table 5. Production, Shipments and Stocks of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
	Water closet bowls 1.6 gpf, excluding flush tank unless integral 3/.....	(NA)	r/ 1,911,947	r/ 1,983,175	r/ 111,880	r/ 645,476
	Vitreous china:					
	17 inches from floor to rim of bowl:					
	Close coupled for use with flush tank					
3261018, 22	Gravity and pressurized.....	10	r/ 539,558	r/ 529,160	r/ 24,156	r/ 226,298
	One-piece:					
3261025, 26	Gravity and pressurized .....	1	(D)	(D)	(D)	(D)
	Flushometer valve:					
32610 28	Floor mounted.....	4	(D)	(D)	(D)	(D)
	Less than 17 inches from floor to rim of bowl:					
	Close coupled for use with flush tank					
3261032, 34	Gravity and pressurized .....	7	r/ 1,028,120	r/ 1,084,453	r/ 43,083	r/ 317,355
	One-piece:					
32610 38	Gravity .....	5	r/ 83,525	98,420	(D)	(D)
32610 42	Pressurized.....	3	(D)	(D)	(D)	(D)
	Flushometer valve:					
32610 44	Wall mounted.....	5	(D)	r/ 65,826	r/ 4,229	r/ 13,198
32610 46	Floor mounted.....	5	r/ 53,932	r/ 55,091	r/ 3,712	r/ 5,480
	Blowout 3.5 gpf:					
32610 48	Vitreous china 3/.....	5	(D)	(D)	(D)	(D)
	Any bowl style:					
19001 17	All materials other than vitreous china 3/.....	7	(D)	(D)	(D)	(D)
32610 31	Flush tanks (vitreous china).....	10	a/ 1,687,233	a/ 1,739,084	a/ 59,801	a/r/ 274,276
	Urinals.....	(NA)	71,016	r/ 75,218	r/ 7,910	20,099
34310 38	Metal.....	7	a/ 523	b/ 877	b/ 307	(D)
32610 36	Vitreous china.....	9	70,493	r/ 74,341	r/ 7,603	(D)
	Kitchen sinks, not including					
	bar sinks 4/.....	(NA)	1,328,325	1,375,151	91,380	r/ 159,141
34310 41	Cast-iron (enameled) 4/.....	3	(D)	(D)	29,968	(D)
34310 42	Steel (enameled) .....	7	b/ 78,976	b/ 103,700	b/ 3,654	16,353
34310 47	Steel (stainless).....	7	a/ 971,699	b/ 993,085	48,458	b/ 90,336
19001 07	All other materials 4/.....	12	(D)	(D)	b/ 9,300	(D)
19001 08	Bar sinks (all materials).....	24	97,653	98,600	r/ 6,024	r/ 11,030
	Wash sinks and service sinks, mop sinks, sink and laundry tray combinations, and laundry trays 5/.....	(NA)	r/ 204,602	r/ 203,614	r/ 12,439	24,797
34310 54	Metal.....	9	b/ 15,953	a/ 15,861	b/ 5,084	b/ 4,471
30880 33	Plastics.....	6	b/r/ 182,228	b/r/ 181,483	b/r/ 3,505	(D)
32610 54	Vitreous china.....	4	(D)	(D)	(D)	r/ 2,724
32722 84	Concrete and all other materials 5/.....	4	(D)	(D)	(D)	(D)
	Bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths 6/.....	(NA)	r/ 1,049,790	r/ 1,041,520	156,870	r/ 143,550
34310 61	Cast-iron (enameled) 6/ .....	2	(D)	(D)	(D)	(D)
34310 62	Steel (enameled).....	5	b/ 195,328	b/ 204,065	b/ 13,749	(D)
30880 12	Fiberglass (FRP) gel coat.....	30	a/r/ 585,891	a/r/ 589,079	a/ 97,381	a/r/ 57,667
30880 13	Fiberglass (FRP) acrylic.....	29	a/ 46,476	a/r/ 46,502	a/r/ 12,835	9,542
30880 14	Cultured marble.....	56	b/ 6,087	b/ 5,534	b/ 3,047	(D)
30880 15	Other plastics (PVC, ABS).....	11	b/ 113,972	b/ 94,474	b/ 6,433	(D)
19001 09	All other materials 6/.....	2	(D)	(D)	(D)	(D)

Table 5. Production, Shipments and Stocks of Plumbing Fixtures: 1997  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments				Stocks, end of quarter
				Quantity	Value			
30886 55	Showers receptors, sold separately.....	(NA)	r/ 67,117	r/	66,244		4,642	17,561
19001 10	Plastics.....	25	b/r/ 62,190	b/r/	60,456	b/	3,252	(D)
	All other materials.....	35	r/ 4,926	a/r/	5,788	a/r/	1,390	(D)
34310 74	Showers stalls, including receptor 7/.....	(NA)	r/ 242,213	r/	236,256	r/	49,325	r/ 26,747
30880 21	Metal 7/.....	2	(D)		(D)		(D)	(D)
30880 22	Fiberglass (FRP) gel coat .....	26	a/r/ 158,483	a/	154,317	a/	29,903	b/r/ 17,608
30880 23	Fiberglass (FRP) acrylic.....	15	a/r/ 23,867	a/	23,278	a/	8,968	r/ 2,816
19001 11	Other plastics.....	13	b/r/ 25,153	b/r/	24,061	b/r/	1,908	(D)
	All other materials 7/.....	22	(D)		(D)		(D)	(D)
30880 70	Wall surrounds, sold as separate units.....	(NA)	r/ 220,321	r/	247,167	r/	15,869	31,376
30880 71	Showers (all materials).....	57	b/r/ 49,722	b/r/	69,877	b/r/	4,815	(D)
	Bathtubs (all materials).....	47	b/r/ 170,599	b/r/	177,291	b/r/	11,053	(D)
19222 08	Bidets (all materials).....	9	r/ 11,700		11,130		1,447	r/ 7,641
34310 86	Whirlpool baths, not spas or hot tubs (noninstitutional) 8/.....	(NA)	113,410		112,135		74,180	31,400
30880 26	Cast-iron (enameled) 8/.....	2	(D)		(D)		(D)	(D)
30880 27	Fiberglass (FRP) gel coat.....	22	b/ 9,182	b/	9,792	b/	6,665	b/ 1,830
30880 28	Fiberglass (FRP) acrylic.....	36	a/ 93,755	a/	89,686	a/	57,672	b/ 26,543
30886 29	Cultured marble.....	55	b/ 2,829	b/r/	2,759	b/r/	3,166	b/ 1,991
19001 12	Other plastics.....	8	a/r/ 6,245	a/r/	8,349	r/	4,182	(D)
	All other materials 8/.....	2	(D)		(D)		(D)	(D)
19001 15	Hot tubs and spas (noninstitutional, all materials).....	29	b/ 34,818	b/r/	34,325	b/r/	88,634	r/ 6,285
30882 20	All other fixtures not described above.....	(NA)	(X)		(X)	r/	12,685	(X)
19002 20	Plastic.....	7	(X)		(X)	b/r/	109	(X)
	All other materials.....	12	(X)		(X)	b/r/	12,577	(X)

D Withheld to avoid disclosing data for individual companies. NA Not available. r/Revised by 5 percent or more from previously published data. X Not applicable.

1/The data for "Drinking fountains, metal," "Drinking fountains, vitreous china," and "Drinking fountains, all other materials" are combined with "Drinking fountains" total to avoid disclosing data for individual companies.

2/The data for "Lavatories, cast-iron (enameled)," and "Lavatories, all other materials" are included with "Lavatories, other plastics" to avoid disclosing data for individual companies.

3/The data for "Blowout 3.5 gpf" and "Any bowl style" are included with "Water closet bowls" totals to avoid disclosing data for individual companies.

4/The data for "Kitchen sinks, cast-iron (enameled)" and "Kitchen sinks, all other materials" are included with "Kitchen sinks" totals to avoid disclosing data for individual companies.

5/The data for "Wash sinks, concrete and all other materials" are included in "Wash sinks" totals to avoid disclosing data for individual companies.

6/The data for "Bathtubs, cast-iron (enameled)" and "Bathtubs, all other materials" are included with "Bathtubs" totals to avoid disclosing data for individual companies.

7/The data for "Showers stalls, all other materials" and "Showers stalls, metal" are included with "Shower stalls" totals to avoid disclosing data for individual companies.

8/The data for "Whirlpool baths, all other materials," and "Whirlpool baths, cast iron (enameled)" are included with "Whirlpool baths" totals to avoid disclosing data for individual companies.

Note: The percent of estimation of each item is indicated as follows: a/25 to 50 percent of this item is estimated. b/Over 50 percent of this item is estimated.

Table 6. Production, Shipments and Stocks of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
First quarter						
	Plumbing fixtures.....	(NA)	(X)	(X)	719,530	(X)
	Drinking fountains 1/.....	(NA)	9,420	9,491	2,551	624
34310 15	Metal 1/.....	5	(D)	(D)	(D)	(D)
32610 12	Vitreous china 1/.....	4	(D)	(D)	(D)	(D)
19001 02	All other materials 1/.....	2	(D)	(D)	(D)	(D)
	Lavatories.....	(NA)	1,901,145	1,775,093	86,583	577,172
34310 17	Cast-iron (enameled) 2/.....	2	(D)	(D)	(D)	(D)
34310 18	Steel (enameled).....	3	431,708	385,937	6,148	57,881
34310 19	Steel (stainless).....	5	6,600	6,342	1,277	(D)
32610 17	Vitreous china.....	8	876,532	815,514	37,268	402,447
30880 04	Cultured marble.....	4	441,583	439,057	30,908	52,427
30880 31	Other plastics 2/.....	6	144,721	128,242	10,981	64,417
19001 03	All other materials 2/.....	1	(D)	(D)	(D)	(D)
	Water closet bowls (vitreous china).....	(NA)	2,147,879	2,093,086	116,141	737,201
	1.6 or less g.p.f. low consumption					
19002 02	(any material).....	8	1,669,113	1,636,009	87,784	592,204
32610 21	Flushometer.....	7	127,289	130,644	9,583	52,020
32610 24	One piece .....	6	7,485	11,396	2,380	7,980
32610 27	Close couple (for use with flush tank) 3/.....	11	343,993	315,037	16,394	84,997
19001 04	All other materials 3/.....	5	(D)	(D)	(D)	(D)
32610 31	Flush tanks (vitreous china).....	8	1,627,608	1,695,255	58,005	494,904
	Urinals.....	(NA)	64,385	64,541	7,075	26,929
34310 38	Metal.....	5	2,221	1,654	855	(D)
32610 36	Vitreous china.....	8	62,164	62,887	6,220	(D)
	Kitchen sinks, not including					
	bar sinks 4/.....	(NA)	1,268,055	1,238,580	73,890	164,461
34310 41	Cast-iron (enameled) 4/.....	2	(D)	(D)	(D)	(D)
34310 42	Steel (enameled).....	4	114,683	98,543	2,668	30,242
34310 47	Steel (stainless).....	4	908,637	898,568	41,021	(D)
19001 07	All other materials 4/.....	8	(D)	(D)	(D)	(D)
19001 08	Bar sinks (all materials).....	20	87,869	86,422	5,048	10,913
	Wash sinks and service sinks,					
	mop sinks, sink and laundry tray					
	combinations, and laundry trays 5/.....	(NA)	173,238	163,320	12,745	10,636
34310 54	Metal.....	5	13,046	14,034	5,890	(D)
30880 33	Plastics 5/.....	3	(D)	(D)	(D)	(D)
32610 54	Vitreous china.....	4	2,729	2,534	788	1,661
32722 84	Concrete and all other materials 5/.....	4	(D)	(D)	(D)	(D)
	Bathtubs, including wall surrounds					
	when sold as combined units, not					
	including whirlpool baths 6/.....	(NA)	1,074,124	1,017,253	143,035	134,425
34310 61	Cast-iron (enameled) 6/ .....	2	(D)	(D)	(D)	(D)
34310 62	Steel (enameled).....	3	261,279	224,353	16,169	26,783

Continued

Table 6. Production, Shipments and Stocks of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
30880 12	Fiberglass (FRP) gel coat.....	31	540,798	538,765	84,686	40,073
30880 13	Fiberglass (FRP) acrylic.....	12	33,934	33,621	9,851	4,627
30880 14	Cultured marble.....	51 a/	4,384 a/	4,225	2,302	(D)
30880 15	Other plastics (PVC, ABS) 6/.....	7	(D)	(D)	(D)	(D)
19001 09	All other materials 6/.....	2	(D)	(D)	(D)	(D)
	Showers receptors, sold separately.....	(NA)	75,614	71,379	3,981	6,890
30886 55	Plastics.....	20 r/	72,192 r/	67,459 r/	3,093 b/	6,570
19001 10	All other materials.....	28 a/	3,422 a/	3,920	887	321
	Showers stalls, including receptor.....	(NA)	226,342	227,284	44,026	13,231
34310 74	Metal 7/.....	1	35,003	37,934	8,363	3,467
30880 21	Fiberglass (FRP) gel coat.....	25	135,032	134,237	25,022	7,064
30880 22	Fiberglass (FRP) acrylic.....	9 r/	23,496 r/	22,567 r/	8,600 a/	2,700
30880 23	Other plastics.....	5 a/	32,811 a/	32,547	2,041	(D)
19001 11	All other materials 7/.....	19	(D)	(D)	(D)	(D)
	Wall surrounds, sold as separate units.....	(NA)	323,342	331,602	18,583	20,782
30880 70	Showers (all materials).....	44	96,603	101,993	6,890	2,657
30880 71	Bathtubs (all materials).....	44 r/	226,739 r/	229,610	11,694 a/	18,126
19222 08	Bidets (all materials).....	9	10,584	10,730	1,458	10,451
	Whirlpool baths, not spas or hot tubs (noninstitutional).....	(NA)	105,420	105,823	70,633	22,097
34310 86	Cast-iron (enameled) 8/.....	2	1,684	1,828	2,999	540
30880 26	Fiberglass (FRP) gel coat.....	22	8,650	9,178	6,069	1,120
30880 27	Fiberglass (FRP) acrylic.....	33	84,864	83,877	54,487	19,025
30880 28	Cultured marble.....	52	2,247	2,280	2,713	1,412
30886 29	Other plastics.....	6	7,975	8,660	4,365	(D)
19001 12	All other materials 8/.....	3	(D)	(D)	(D)	(D)
19001 13	Hot tubs (noninstitutional, all materials) 9/.....	1	(D)	(D)	(D)	(D)
19001 15	Spas (noninstitutional, all materials) 9/.....	28	29,215	26,269	66,775	6,330
	All other fixtures not described above.....	(NA)	(X)	(X)	9,002	(X)
30882 20	Plastic.....	5	(X)	(X)	(D)	(X)
19002 20	All other materials.....	7	(X)	(X)	(D)	(X)
	Second quarter					
	Plumbing fixtures.....	(NA)	(X)	(X)	813,825	(X)
	Drinking fountains 1/.....	(NA)	12,132	11,989	3,289	744
34310 15	Metal 1/.....	5	(D)	(D)	(D)	(D)
32610 12	Vitreous china 1/.....	4	(D)	(D)	(D)	(D)
19001 02	All other materials 1/.....	2	(D)	(D)	(D)	(D)
	Lavatories.....	(NA)	1,895,479	1,899,477	91,892	538,335

Continued

Table 6. Production, Shipments and Stocks of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
34310 17	Cast-iron (enameled) 2/.....	2	(D)	(D)	(D)	(D)
34310 18	Steel (enameled).....	3	453,373	448,464	7,263	64,493
34310 19	Steel (stainless).....	5	6,640	6,755	1,349	(D)
32610 17	Vitreous china.....	8	835,690	829,902	39,190	372,191
30880 04	Cultured marble.....	4	458,542	463,555	32,046	51,958
30880 31	Other plastics 2/.....	6	141,234	150,801	12,045	49,693
19001 03	All other materials 2/.....	1	(D)	(D)	(D)	(D)
	Water closet bowls (vitreous china).....	(NA)	2,276,220	2,241,234	123,380	769,966
	1.6 or less g.p.f. low consumption					
19002 02	(any material).....	8	1,778,176	1,766,846	94,276	633,443
32610 21	Flushometer.....	7	120,510	136,052	9,619	36,929
32610 24	One piece.....	6	9,708	10,390	2,237	7,665
32610 27	Close couple (for use with flush tank) 3/.....	11	367,826	327,947	17,248	91,929
19001 04	All other materials 3/.....	5	(D)	(D)	(D)	(D)
32610 31	Flush tanks (vitreous china).....	8	1,778,886	1,853,519	62,012	448,100
	Urinals.....	(NA)	62,585	71,717	7,551	19,473
34310 38	Metal.....	5	1,267	1,165	605	(D)
32610 36	Vitreous china.....	8	61,318	70,552	6,946	(D)
	Kitchen sinks, not including					
	bar sinks 4/.....	(NA)	1,315,185	1,324,329	79,844	120,100
34310 41	Cast-iron (enameled) 4/.....	2	(D)	(D)	(D)	(D)
34310 42	Steel (enameled).....	4	124,334	122,058	3,488	15,327
34310 47	Steel (stainless).....	4	950,202	953,715	44,781	(D)
19001 07	All other materials 4/.....	8	(D)	(D)	(D)	(D)
19001 08	Bar sinks (all materials).....	20	87,324	88,687	5,307	9,664
	Wash sinks and service sinks,					
	mop sinks, sink and laundry tray					
	combinations, and laundry trays 5/.....	(NA)	160,822	163,089	12,285	12,120
34310 54	Metal.....	5	13,719	13,038	5,619	(D)
30880 33	Plastics 5/.....	3	(D)	(D)	(D)	(D)
32610 54	Vitreous china.....	4	2,775	2,350	710	2,086
32722 84	Concrete and all other materials 5/.....	4	(D)	(D)	(D)	(D)
	Bathtubs, including wall surrounds					
	when sold as combined units, not					
	including whirlpool baths 6/.....	(NA)	1,165,551	1,171,132	164,316	109,296
34310 61	Cast-iron (enameled) 6/.....	2	(D)	(D)	(D)	(D)
34310 62	Steel (enameled).....	3	247,101	252,698	17,824	19,324
30880 12	Fiberglass (FRP) gel coat.....	31	644,138	641,087	102,473	42,786
30880 13	Fiberglass (FRP) acrylic.....	12	40,977	39,411	11,050	5,947
30880 14	Cultured marble.....	51	a/ 4,473	a/ 4,582	2,485	(D)
30880 15	Other plastics (PVC, ABS) 6/.....	7	(D)	(D)	(D)	(D)
19001 09	All other materials 6/.....	2	(D)	(D)	(D)	(D)
	Showers receptors, sold separately.....	(NA)	93,959	95,658	5,031	4,495
30886 55	Plastics.....	20	r/ 90,677	r/ 91,991	r/ 4,199	b/ 4,147
19001 10	All other materials.....	28	a/ 3,282	a/ 3,667	832	348

Continued

Table 6. Production, Shipments and Stocks of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
	Showers stalls, including receptor.....	(NA)	234,373	234,033	45,419	9,977
34310 74	Metal 7/.....	1	31,204	30,619	6,903	2,630
30880 21	Fiberglass (FRP) gel coat .....	25	145,195	146,069	27,263	4,711
30880 22	Fiberglass (FRP) acrylic.....	9	25,472	24,637	9,192	a/ 2,339
30880 23	Other plastics.....	5	a/ 32,503	a/ 32,707	2,061	(D)
19001 11	All other materials 7/.....	19	(D)	(D)	(D)	(D)
	Wall surrounds, sold as separate units.....	(NA)	349,942	360,651	20,034	23,411
30880 70	Showers (all materials).....	44	101,393	100,421	6,837	3,985
30880 71	Bathtubs (all materials).....	44	a/ 248,550	a/ 260,230	13,197	a/ 19,427
19222 08	Bidets (all materials).....	9	9,166	10,107	1,479	10,252
	Whirlpool baths, not spas or hot tubs (noninstitutional).....	(NA)	129,998	131,761	84,841	20,438
34310 86	Cast-iron (enameled) 8/.....	2	1,639	1,431	2,479	748
30880 26	Fiberglass (FRP) gel coat.....	22	12,260	12,529	7,898	1,014
30880 27	Fiberglass (FRP) acrylic.....	33	102,888	105,879	67,529	16,991
30880 28	Cultured marble.....	52	1,522	1,455	1,716	1,685
30886 29	Other plastics.....	6	11,688	10,467	5,218	(D)
19001 12	All other materials 8/.....	3	(D)	(D)	(D)	(D)
19001 13	Hot tubs (noninstitutional, all materials) 9/.....	1	(D)	(D)	(D)	(D)
19001 15	Spas (noninstitutional, all materials) 9/.....	28	37,631	38,353	96,357	5,790
	All other fixtures not described above.....	(NA)	(X)	(X)	10,788	(X)
30882 20	Plastic.....	5	(X)	(X)	(D)	(X)
19002 20	All other materials.....	7	(X)	(X)	(D)	(X)
	Third quarter					
	Plumbing fixtures.....	(NA)	(X)	(X)	823,839	(X)
	Drinking fountains 1/.....	(NA)	13,610	13,730	3,948	598
34310 15	Metal 1/.....	5	(D)	(D)	(D)	(D)
32610 12	Vitreous china 1/.....	4	(D)	(D)	(D)	(D)
19001 02	All other materials 1/.....	2	(D)	(D)	(D)	(D)
	Lavatories.....	(NA)	1,917,177	1,927,413	91,675	497,849
34310 17	Cast-iron (enameled) 2/.....	2	(D)	(D)	(D)	(D)
34310 18	Steel (enameled).....	3	475,628	469,131	7,797	74,138
34310 19	Steel (stainless).....	5	6,943	6,931	1,348	(D)
32610 17	Vitreous china.....	8	822,786	838,784	40,275	340,851
30880 04	Cultured marble.....	4	475,373	456,343	29,481	54,665
30880 31	Other plastics 2/.....	6	136,447	156,224	12,774	28,195
19001 03	All other materials 2/.....	1	(D)	(D)	(D)	(D)
	Water closet bowls (vitreous china).....	(NA)	2,165,650	2,166,415	118,794	780,151
	1.6 or less g.p.f. low consumption					

Continued

Table 6. Production, Shipments and Stocks of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
19002 02	(any material).....	8	1,680,820	1,681,909	89,612	658,831
32610 21	Flushometer.....	7	119,225	133,965	9,902	22,742
32610 24	One piece.....	6	9,390	9,041	1,845	8,366
32610 27	Close couple (for use with flush tank) 3/.....	11	356,215	341,500	17,435	90,212
19001 04	All other materials 3/.....	5	(D)	(D)	(D)	(D)
32610 31	Flush tanks (vitreous china).....	8	1,775,965	1,810,915	61,187	432,623
	Urinals.....	(NA)	70,659	74,994	7,708	16,448
34310 38	Metal.....	5	1,233	1,262	652	(D)
32610 36	Vitreous china.....	8	69,426	73,732	7,056	(D)
	Kitchen sinks, not including bar sinks 4/.....	(NA)	1,278,278	1,275,064	79,429	100,486
34310 41	Cast-iron (enameled) 4/.....	2	(D)	(D)	(D)	(D)
34310 42	Steel (enameled).....	4	110,274	99,164	2,831	22,686
34310 47	Steel (stainless).....	4	923,107	926,538	44,390	(D)
19001 07	All other materials 4/.....	8	(D)	(D)	(D)	(D)
19001 08	Bar sinks (all materials).....	20	93,480	93,918	5,640	9,426
	Wash sinks and service sinks, mop sinks, sink and laundry tray combinations, and laundry trays 5/.....	(NA)	159,841	164,270	12,777	11,121
34310 54	Metal.....	5	13,735	15,016	6,191	(D)
30880 33	Plastics 5/.....	3	(D)	(D)	(D)	(D)
32610 54	Vitreous china.....	4	1,778	2,023	641	1,841
32722 84	Concrete and all other materials 5/.....	4	(D)	(D)	(D)	(D)
	Bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths 6/.....	(NA)	1,133,926	1,249,579	164,576	83,825
34310 61	Cast-iron (enameled) 6/.....	2	(D)	(D)	(D)	(D)
34310 62	Steel (enameled).....	3	245,514	247,169	17,471	22,579
30880 12	Fiberglass (FRP) gel coat.....	31	604,639	611,501	97,407	37,458
30880 13	Fiberglass (FRP) acrylic.....	12	55,757	152,048	14,848	7,263
30880 14	Cultured marble.....	51	a/ 4,513	a/ 4,792	2,619	(D)
30880 15	Other plastics (PVC, ABS) 6/.....	7	(D)	(D)	(D)	(D)
19001 09	All other materials 6/.....	2	(D)	(D)	(D)	(D)
	Showers receptors, sold separately.....	(NA)	70,863	67,355	4,097	4,477
30886 55	Plastics.....	20	r/ 66,870	r/ 61,800	r/ 2,837	b/ 4,294
19001 10	All other materials.....	28	a/ 3,993	a/ 5,555	1,260	183
	Showers stalls, including receptor.....	(NA)	238,458	239,182	46,400	7,530
34310 74	Metal 7/.....	1	31,223	30,590	6,879	1,442
30880 21	Fiberglass (FRP) gel coat.....	25	147,230	148,457	27,778	3,491
30880 22	Fiberglass (FRP) acrylic.....	9	r/ 27,294	r/ 25,886	r/ 9,556	a/ 2,597
30880 23	Other plastics.....	5	a/ 32,712	a/ 34,249	2,187	(D)
19001 11	All other materials 7/.....	19	(D)	(D)	(D)	(D)
	Wall surrounds, sold as separate units.....	(NA)	363,240	354,258	21,085	19,191
30880 70	Showers (all materials).....	44	88,079	91,371	6,256	3,601

Continued

Table 6. Production, Shipments and Stocks of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
30880 71	Bathtubs (all materials).....	44	r/ 275,162	r/ 262,887	r/ 14,829	a/ 15,590
19222 08	Bidets (all materials).....	9	9,012	10,590	1,476	9,499
	Whirlpool baths, not spas or hot tubs (noninstitutional).....	(NA)	140,551	138,347	91,216	20,538
34310 86	Cast-iron (enameled) 8/.....	2	1,258	1,371	2,392	635
30880 26	Fiberglass (FRP) gel coat.....	22	11,804	11,303	6,981	1,169
30880 27	Fiberglass (FRP) acrylic.....	33	113,692	112,426	73,896	17,279
30880 28	Cultured marble.....	52	1,954	1,965	2,340	1,455
30886 29	Other plastics.....	6	11,842	11,282	5,606	(D)
19001 12	All other materials 8/.....	3	(D)	(D)	(D)	(D)
19001 13	Hot tubs (noninstitutional, all materials) 9/.....	1	(D)	(D)	(D)	(D)
19001 15	Spas (noninstitutional, all materials) 9/.....	28	38,548	40,319	101,030	4,605
	All other fixtures not described above.....	(NA)	(X)	(X)	12,801	(X)
30882 20	Plastic.....	5	(X)	(X)	(D)	(X)
19002 20	All other materials.....	7	(X)	(X)	(D)	(X)
	Fourth quarter					
	Plumbing fixtures.....	(NA)	(X)	(X)	787,103	(X)
	Drinking fountains 1/.....	(NA)	9,249	9,153	2,818	684
34310 15	Metal 1/.....	5	(D)	(D)	(D)	(D)
32610 12	Vitreous china 1/.....	4	(D)	(D)	(D)	(D)
19001 02	All other materials 1/.....	2	(D)	(D)	(D)	(D)
	Lavatories.....	(NA)	1,810,223	1,856,095	90,606	460,125
34310 17	Cast-iron (enameled) 2/.....	2	(D)	(D)	(D)	(D)
34310 18	Steel (enameled).....	3	452,256	412,468	6,751	111,854
34310 19	Steel (stainless).....	5	6,095	6,375	1,266	(D)
32610 17	Vitreous china.....	8	788,744	851,671	39,558	274,548
30880 04	Cultured marble.....	4	435,933	443,111	31,116	54,018
30880 31	Other plastics 2/.....	6	127,196	142,470	11,915	19,705
19001 03	All other materials 2/.....	1	(D)	(D)	(D)	(D)
	Water closet bowls (vitreous china).....	(NA)	2,000,200	2,122,731	118,285	696,040
	1.6 or less g.p.f. low consumption (any material).....	8	1,579,420	1,704,293	91,799	572,991
32610 21	Flushometer.....	7	120,888	110,995	8,721	32,757
32610 24	One piece.....	6	10,712	10,424	2,220	9,601
32610 27	Close couple (for use with flush tank) 3/.....	11	289,180	297,020	15,545	80,692
19001 04	All other materials 3/.....	5	(D)	(D)	(D)	(D)
32610 31	Flush tanks (vitreous china).....	8	1,738,841	1,803,709	60,639	378,179
	Urinals.....	(NA)	65,015	63,657	6,893	18,142
34310 38	Metal.....	5	1,123	764	394	(D)

Continued



Table 6. Production, Shipments and Stocks of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
32610 36	Vitreous china.....	8	63,892	62,893	6,499	(D)
	Kitchen sinks, not including					
	bar sinks 4/.....	(NA)	1,292,788	1,292,876	81,011	88,499
34310 41	Cast-iron (enameled) 4/.....	2	(D)	(D)	(D)	(D)
34310 42	Steel (enameled).....	4	105,082	103,635	3,381	29,160
34310 47	Steel (stainless).....	4	929,701	923,532	44,356	(D)
19001 07	All other materials 4/.....	8	(D)	(D)	(D)	(D)
19001 08	Bar sinks (all materials).....	20	90,473	92,326	5,402	7,452
	Wash sinks and service sinks, mop sinks, sink and laundry tray combinations, and laundry trays 5/.....	(NA)	160,868	166,661	13,019	12,549
34310 54	Metal.....	5	15,130	13,874	5,867	(D)
30880 33	Plastics 5/.....	3	(D)	(D)	(D)	(D)
32610 54	Vitreous china.....	4	1,746	1,910	611	1,677
32722 84	Concrete and all other materials 5/.....	4	(D)	(D)	(D)	(D)
	Bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths 6/.....	(NA)	1,001,831	1,004,218	183,484	81,795
34310 61	Cast-iron (enameled) 6/.....	2	(D)	(D)	(D)	(D)
34310 62	Steel (enameled).....	3	222,876	228,939	15,709	20,477
30880 12	Fiberglass (FRP) gel coat.....	31	644,138	555,537	125,418	38,580
30880 13	Fiberglass (FRP) acrylic.....	12	45,503	44,453	12,151	7,936
30880 14	Cultured marble.....	51	a/ 5,566	a/ 5,366	2,892	(D)
30880 15	Other plastics (PVC, ABS) 6/.....	7	(D)	(D)	(D)	(D)
19001 09	All other materials 6/.....	2	(D)	(D)	(D)	(D)
	Showers receptors, sold separately.....	(NA)	72,513	75,376	4,485	4,150
30886 55	Plastics.....	20	r/ 68,548	r/ 69,660	r/ 3,190	4,070
19001 10	All other materials.....	28	a/ 3,965	a/ 5,716	1,295	80
	Showers stalls, including receptor.....	(NA)	223,484	220,002	42,273	7,671
34310 74	Metal 7/.....	1	31,206	30,621	6,903	1,281
30880 21	Fiberglass (FRP) gel coat.....	25	136,942	135,542	25,519	3,567
30880 22	Fiberglass (FRP) acrylic.....	9	r/ 23,681	r/ 22,633	r/ 7,894	2,525
30880 23	Other plastics.....	5	a/ 31,656	a/ 31,206	1,956	(D)
19001 11	All other materials 7/.....	19	(D)	(D)	(D)	(D)
	Wall surrounds, sold as separate units.....	(NA)	325,040	303,606	18,014	21,171
30880 70	Showers (all materials).....	44	78,904	79,857	5,499	4,016
30880 71	Bathtubs (all materials).....	44	r/ 246,136	r/ 223,748	r/ 12,516	17,155
19222 08	Bidets (all materials).....	9	9,410	11,031	1,500	8,716
	Whirlpool baths, not spas or hot tubs (noninstitutional).....	(NA)	107,303	107,432	72,110	19,340
34310 86	Cast-iron (enameled) 8/.....	2	1,262	1,434	2,458	610
30880 26	Fiberglass (FRP) gel coat.....	22	9,848	9,686	6,101	1,222
30880 27	Fiberglass (FRP) acrylic.....	33	83,782	84,004	55,941	16,319
30880 28	Cultured marble.....	52	2,193	2,149	2,564	1,189

Continued

Table 6. Production, Shipments and Stocks of Plumbing Fixtures: 1996  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Quantity produced	Shipments		Stocks, end of quarter
				Quantity	Value	
30886 29	Other plastics.....	6	10,217	10,159	5,047	(D)
19001 12	All other materials 8/.....	3	(D)	(D)	(D)	(D)
19001 13	Hot tubs (noninstitutional, all materials) 9/.....	1	(D)	(D)	(D)	(D)
19001 15	Spas (noninstitutional, all materials) 9/.....	28	25,575	27,449	74,432	3,786
	All other fixtures not described above.....	(NA)	(X)	(X)	12,134	(X)
30882 20	Plastic.....	5	(X)	(X)	(D)	(X)
19002 20	All other materials.....	7	(X)	(X)	(D)	(X)

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data. NA Not available. X Not applicable.

1/The data for "Drinking fountains, metal," "Drinking fountains, vitreous china," and "Drinking fountains, all other materials" are combined with "Drinking fountains" totals to avoid disclosing data for individual companies.

2/The data for "Lavatories, cast-iron (enameled)," and "Lavatories, all other materials" are included with "Lavatories, other plastics" to avoid disclosing data for other companies.

3/The data for "Water closet bowls, all other materials" are included with "Water closet bowls, close couple" to avoid disclosing data for individual companies.

4/The data for "Kitchen sinks, cast-iron (enameled)" and "Kitchen sinks, all other materials" are included with "Kitchen sinks totals" to avoid disclosing data for individual companies.

5/The data for "Wash sinks, plastics" and "Wash sinks, concrete and all other materials" are included in "Wash sinks" totals to avoid disclosing data for individual companies.

6/The data for "Bathtubs, cast-iron (enameled)," "Bathtubs, other plastics," and "Bathtubs, all other materials" are included with "Bathtubs" totals to avoid disclosing data for individual companies.

7/The data for "Showers stalls, all other materials" are included with "Showers stalls, metal" to avoid disclosing data for individual companies.

8/The data for "Whirlpool baths, all other materials," are included with "Whirlpool baths, cast-iron (enameled)" to avoid disclosing data for individual companies.

9/The data for "Hot tubs" are included with "Spas" to avoid disclosing data for individual companies.

Note: The percent of estimation of each item is indicated as follows: a/25 to 50 percent of this item is estimated. b/Over 50 percent of this item is estimated.

Table 7. Shipments, Exports, Imports, and Apparent Consumption of Plumbing Fixtures:  
1995 to 1997

[Value in thousands of dollars]

Product code 1/	Product description	Manufacturers' shipments (value f.o.b. plant)	Exports of domestic merchandise value at port 1/2/	Value of imports for consumption 1/3/4/	Apparent consumption 5/
1997					
	Plumbing fixtures.....	3,088,825	189,747	264,666	3,163,744
32610 pt.	Vitreous.....	876,820	68,421	50,547	858,946
34310 pt.	Metal.....	672,814	78,406	138,207	732,615
30880 pt.	Plastics and fiberglass.....	1,539,191	42,920	75,912	1,572,183
1996					
	Plumbing fixtures.....	2,935,659	132,158	261,695	3,065,196
32610 pt.	Vitreous.....	859,693	58,465	64,771	865,999
34310 pt.	Metal.....	643,775	35,836	128,434	736,373
30880 pt.	Plastics and fiberglass.....	1,432,191	37,857	68,490	1,462,824
1995					
	Plumbing fixtures.....	2,803,809	153,505	248,887	2,899,191
32610 pt.	Vitreous.....	891,869	61,146	71,215	901,938
34310 pt.	Metal.....	578,319	52,544	117,918	643,693
30880 pt.	Plastics and fiberglass.....	1,333,621	39,815	59,754	1,353,560

pt. Partial.

1/For comparison of product codes, export numbers, and import numbers for plumbing fixtures, see Table 8.

2/Source: Bureau of the Census report EM 545, U.S. Exports.

3/Source: Bureau of the Census report IM 145, U.S. Imports for Consumption.

4/This dollar value represents the c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States plus U.S. import duties.

5/Apparent consumption is derived by subtracting exports from the total of manufacturers' shipments plus imports.

Table 8. Comparison of Standard Industrial Classification-Based Product Codes  
with Schedule B Export Numbers and HTSUSA Import Numbers: 1997

Product code	Product description	Export number 1/	Import number 2/
32610 21, 32610 24, 32610 27, 32610 31	Ceramic water closet bowls and flush tanks	6910.10.0005, 6910.10.0010, 6910.10.0025	6910.10.0005, 6910.10.0010, 6910.10.0020, 6910.10.0015
32610 17, 32610 54	Sinks and lavatories	6910.10.0030	6910.10.0030
32610 12, 32610 36, 32610 80	Other ceramic sanitary fixtures	6910.10.0050	6910.10.0050
34310 19, 34310 47, 3431053	Sinks and wash basins, of stainless steel	7324.10.0000	7324.10.0000
34310 61, 34310 86	Bathtubs, cast iron	7324.21.0000	7324.21.1000 7324.21.5000
34310 62, 34310 89	Bathtubs, steel	7324.29.0000	7324.29.0000
30880 04, 30880 08, 30880 10, 30880 12- 30880 15, 30880 21- 30880 23, 30880 26- 30880 31, 30880 55 3088089	Baths, shower baths, and washbasins, of plastics	3922.10.0000	3922.10.0000
30882 20	Other sanitary fixtures, of plastics	3922.90.0000	3922.90.0000
3431015, 3431017, 3431018,	Other sanitary fixtures, of metal	7324.90.0000 7418.20.0000 7615.20.0000	7324.90.0000 7418.20.1000 7418.20.5000 7615.20.0000
34310 38, 34310 41, 34310 42, 3431051, 3431054, 3431074, 34310 77			

1/Source: 1997 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/Source: Harmonized Tariff Schedule of the United States, Annotated (1997).