Paint and Allied Products

2000

Issued July 2001

MA325F(00)-1

Current Industrial Reports

Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1998 Manufacturing Profiles, issued December 2000.

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

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

NOTE. Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see www.census.gov/epcd/www/naics.html.

SUMMARY OF FINDINGS

In 2000, total manufacturers' estimated shipments of paint and allied products amounted to $17,844.2 million, virtually unchanged from the 1999 shipments of $17,813.4 million. Shipments of architectural coatings decreased 3.1 percent to $6,419.9 million in 2000, from $6,617.9 million in 1999. Shipments of OEM coatings amounted to $6,149.2 million in 2000, virtually unchanged from the shipments of $6,146.3 million in 1999. Shipments of special-purpose coatings increased 2.9 percent to $3,634.2 million in 2000, from $3,532.3 million in 1999. Shipments of miscellaneous allied paint products increased 8.1 percent to $1,640.9 million in 2000, from $1,516.9 million in 1999.

Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Thanos Theodoropoulos, 301-457-1606.

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

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

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Table 1. Summary of Estimated U.S. Total Quantity and Value of Shipments of Paint and Allied Products: 1995 to 2000
[Quantity in millions of gallons. Value in millions of dollars]

Year	Total		Architectural coatings		Product coatings OEM		Special-purpose coatings		Miscellaneous allied paint products	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
2000	1,475.4	17,844.2	645.6	6,419.9	453.2	6,149.2	181.7	3,634.2	195.0	1,640.9
1999	1,466.2	17,813.4	660.2	6,617.9	439.7	6,146.3	174.4	3,532.3	191.9	1,516.9
1998	1,443.7	17,298.2	631.6	6,115.2	428.3	6,098.2	173.3	3,472.0	210.5	1,612.8
1997	1,472.8	16,559.5	655.6	6,264.9	425.4	5,750.7	181.8	2,896.0	210.0	1,647.9
1996	1,468.2	16,554.7	640.3	6,246.3	398.7	5,474.1	208.9	3,263.8	220.3	1,570.5
1995	1,408.3	15,951.6	621.1	6,041.3	376.2	5,263.6	195.1	3,103.0	215.9	1,543.7

Note: Data for 1995 through 2000 are estimates of the total U.S. value of shipments of paint, varnish, and lacquer. These estimates were developed by increasing the product class totals shown in Table 2 by adjustment factors. For 1998 through 2000, these factors are: 1.002 for architectural coatings, 0.993 for product coatings OEM, 1.051 for special-purpose coatings, and 1.048 for miscellaneous paint products. For example, the quantity and value of OEM coatings for 2000 shown in Table 2 amounted to 456,417 and $6,192,568 respectively. Adjusting these data by the factor of 0.993 (multiplying 456,417 and 6,192,568 by 0.993) equals the adjusted and rounded quantity and value of 453.2 and $6,149.2 shown in Table 1. For 1995 through 1997, the adjustment factors are: 1.008 for architectural coatings, 0.989 for product coatings OEM, 2.011 for special-purpose coatings, and 1.026 for miscellaneous paint products. These factors are used because the annual survey panel was selected to measure approximately 95 percent of the total shipments in the paint industry (NAICS 325510 former SIC 2851). The adjustment factors (based on the 1997 Economic Census, Manufacturing sector's relationships) bring each product class value up to 100 percent. Quarterly data for 2000 and 1999 reflect the adjusted totals in Table 1 and are shown in Table 3 along with the quarterly data originally published in the Current Industrial Reports quarterly series MQ325F, Paint, Varnish, and Lacquer.

Table 2. Quantity and Value of Shipments of Paint and Allied Products: 2000 and 1999
[Quantity in thousand of gallons. Value in thousand of dollars]

Product code	Product description	2000 Quantity	2000 Value		1999 Quantity		1999 Value
325510	Paint and allied products 1/	1,459,704	17,623,162		1,450,648		17,602,642
3255101	Architectural coatings	644,359	6,407,049		658,852		6,604,732
	Exterior solvent type	75,284	854,645		84,983		1,060,846
3255101111	Solvent thinned paints and tinting bases, including barn and roof paints	22,262	209,615		24,382		230,003
3255101115	Solvent thinned enamels and tinting bases, including exterior-interior floor enamels	14,965	223,338		17,747		364,165
3255101119	Solvent thinned undercoaters and primers	8,923	102,011		9,686		118,535
3255101121	Solvent thinned clear finishes and sealers	6,939	81,144		7,573		83,230
3255101125	Solvent thinned stains, including shingle and shake	13,914	169,860		14,110		166,796
3255101129	Other exterior solvent thinned coatings, including bituminous paints	8,281	68,677		11,485		98,117
	Exterior water-type	167,867	1,769,171		176,046		1,734,701
3255101131	Water thinned paints and tinting bases, including barn and roof paints	115,686	1,289,381		108,788		1,175,853
3255101135	Water thinned exterior-interior deck and floor enamels	3,389	29,660	r/	3,569	r/	31,153
3255101139	Water thinned undercoaters and primers	11,000	116,905	r/	11,377	r/	130,514
3255101141	Water thinned stains and sealers	12,145	142,626		23,295		174,263
3255101145	Other exterior water thinned coatings	25,647	190,599		29,017		222,918
	Interior solvent type	47,521	556,612		51,181		619,033
3255101211	Flat solvent thinned wall paint and tinting bases, including mill white paints	3,239	52,799		3,322		44,489
3255101215	Gloss and quick drying enamels and other gloss solvent thinned paints and enamels	3,216	42,466		3,409		47,494
3255101219	Semigloss, eggshell, satin solvent thinned paints and tinting bases	14,122	189,004		12,355		175,170
3255101221	Solvent thinned undercoaters and primers	11,478	109,392		11,429		118,049
3255101225	Solvent thinned clear finishes and sealers	7,303	90,494		8,074		130,109
3255101229	Solvent thinned stains	2,488	27,701	r/	2,387	r/	28,404
3255101231	Other interior solvent thinned coatings	5,675	44,756		10,205		75,318
	Interior water-type	347,281	3,161,796		339,225		3,118,121
3255101235	Flat water thinned paints and tinting bases	149,252	1,139,891		150,931		1,204,844
3255101239	Semigloss, eggshell, satin, and other water thinned paints and tinting bases	130,872	1,367,982		125,002	r/	1,290,687
3255101241	Water thinned undercoaters and primers	33,381	267,633		31,581		239,846
3255101245	Other interior water thinned coatings, stains, and sealers	33,776	386,290		31,711		382,744
3255101249	Architectural lacquers	4,508	42,219		5,575		49,914
3255101YWV	Architectural coatings, n.s.k.	1,898	22,606	r/	1,842	r/	22,117
3255104	Product finishes for original equipment manufacturers (OEM), excluding marine coatings	456,417	6,192,568		442,813		6,189,654
3255104111	Automobile, light truck, van, and sport utility vehicle finishes	48,109	1,161,602		46,965		1,085,483
3255104121	Automobile parts finishes	3,903	113,463		2,702		87,451
3255104131	Heavy duty truck, bus, and recreational vehicle finishes	13,666	283,915		15,586		360,814
3255104141	Other transportation equipment finishes, including aircraft and railroad	12,123	152,869		13,012		164,032
3255104211	Appliance, heating equipment, and air-conditioner finishes	6,530	80,685		6,975		87,255
3255104215	Wood furniture, cabinet, and fixture finishes	63,082	618,130		61,147		610,417
3255104219	Wood and composition board flat stock finishes	19,513	194,094		18,896		187,158
3255104221	Metal building product finishes, including coatings for aluminum extrusions and siding	45,592	729,269		46,879	r/	793,699
3255104225	Container and closure finishes	40,675	457,373	r/	30,283	r/	421,133
3255104229	Machinery and equipment finishes, including road building equipment and farm implements	14,090	305,382		15,452		315,611

Continued

Table 2. Quantity and Value of Shipments of Paint and Allied Products: 2000 and 1999
[Quantity in thousand of gallons. Value in thousand of dollars]

Product code	Product description	2000 Quantity	2000 Value		1999 Quantity		1999 Value
3255104231	Nonwood furniture and fixture finishes, including business equipment finishes	48,969	641,200		48,199		590,056
3255104235	Paper, paper board, film, and foil finishes, excluding pigment binders	16,847	123,402		16,927		136,444
3255104239	Electrical insulating coatings	1,981	28,723	r/	2,817	r/	68,510
	Powder coatings	67,744	803,506		62,329	r/	754,218
3255104241	Appliance powder coatings 2/	10,715	141,504		9,424	r/	123,285
3255104245	Automotive powder coatings 2/	10,491	130,831		10,628		139,019
3255104249	Architectural powder coatings (such as aluminum extrusions) 2/	1,973	25,064	r/	1,677	r/	23,836
3255104251	Lawn and garden powder coatings 2/	2,753	37,724	r/	2,905	r/	40,968
3255104255	General metal finishing powder coatings 2/	26,620	363,819	r/	26,323	r/	357,145
3255104259	Thermoset functional powder coatings (for pipe, rebar, electrical insulation, etc.) 2/	(D)	(D)		(D)		(D)
3255104261	Thermoplastic powder coatings (all) 2/	(D)	(D)		(D)		(D)
3255104265	Other industrial product finishes	47,973	445,819		46,249		455,532
3255104YWV	Product finishes for original equipment manufacturers (OEM), excluding marine coatings, n.s.k.	5,620	53,136	r/	8,395		71,841
3255107	Special-purpose coatings, including all marine coatings	172,837	3,457,876		165,916		3,360,861
	Industrial new construction and maintenance paints (especially formulated coatings for special conditions of industrial plants and/or facilities requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.):						
3255107011	Interior	15,376	170,921		15,590		164,508
3255107015	Exterior	28,914	563,301		31,746		718,154
3255107021	Traffic marking paints (all types, shelf goods and highway department)	38,624	271,988	r/	37,741	r/	265,710
3255107031	Automotive, other transportation and machinery refinish paints and enamels, including primers	58,516	1,944,655		50,698		1,665,182
3255107041	Marine paints, ship and off-shore facilities and shelf goods for both new construction and marine refinish and maintenance, excluding spar varnish	14,565	313,852	r/	14,388	r/	352,857
3255107051	Marine paints for yacht and pleasure craft, new construction, refinish and maintenance	136	2,828		79		1,150
3255107061	Aerosol-paint concentrates produced for packaging in aerosol containers	14,212	154,208		13,774		152,686
3255107YWV	Special-purpose coatings, n.s.k.	2,494	36,123	r/	1,900	r/	40,614
325510A	Miscellaneous allied paint products	186,091	1,565,669		183,067		1,447,395
325510A011	Paint and varnish removers	7,695	63,015		7,066		61,992
325510A021	Thinners for lacquers and other solvent based paint products	35,856	184,639		33,622		137,482
325510A031	Pigment dispersions	30,476	463,899		27,587		415,818
325510A041	Other miscellaneous allied paint products, including brush cleaners, ink vehicles, putty and glazing compounds, etc.	109,517	818,237		112,760		796,341
325510AYWV	Miscellaneous allied paint products, n.s.k.	2,547	35,879	r/	2,032	r/	35,762

D Withheld to avoid disclosing data for individual companies; data are included in higher level totals. n.s.k. Not specified by kind.
r/Revised by 5 percent or more from previously published data.

1/Represents total shipments for those establishments producing paint and allied products that have 20 or more employees. These establishments represent approximately 95 percent of the total value of shipments for NAICS Industry 325510, Paint, varnishes, lacquers, enamels, and allied products, based on relationships observed in the 1997 Economic Census, Manufacturing sector final report.

2/Data for powder coatings are collected in pounds and converted to gallons by using a conversion factor of 5 (5 lbs. = 1 gallon). Data collected in pounds amounted to 338,720 thousand pounds in 2000 and 311,645 thousand pounds in 1999.

Continued

Table 3. Quantity and Value of Shipments of Paint, Varnish, and Lacquer by Quarter: 2000 and 1999
[Quantity in thousands of gallons. Value in thousands of dollars]

As revised

Quarter and year	Total		Architectural coatings		Product coatings OEM		Special-purpose coatings	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
2000								
Total.....	1,280,522	16,203,311	645,648	6,419,863	453,222	6,149,220	181,652	3,634,228
Fourth quarter.....	270,627	3,474,723	132,106	1,311,739	102,101	1,389,108	36,420	773,876
Third quarter.....	330,125	4,081,956	169,366	1,639,674	112,199	1,509,900	48,560	932,381
Second quarter.....	359,919	4,573,497	184,094	1,884,683	120,644	1,641,196	55,182	1,047,619
First quarter.....	319,851	4,073,134	160,082	1,583,767	118,279	1,609,016	41,490	880,352
1999								
Total.....	1,274,261	16,296,533	660,170	6,617,941	439,713	6,146,326	174,378	3,532,265
Fourth quarter.....	291,399	3,878,285	141,563	1,398,012	106,148	1,522,039	43,688	958,235
Third quarter.....	333,699	4,157,502	176,292	1,767,403	110,226	1,499,546	47,181	890,553
Second quarter.....	350,110	4,387,394	189,972	1,931,593	114,339	1,580,134	45,799	875,667
First quarter.....	299,052	3,873,351	152,342	1,520,933	109,000	1,544,607	37,710	807,811

As published

	Total		Architectural coatings		Product coatings OEM		Special-purpose coatings	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
2000								
Total.....	1,306,137	16,601,294	667,589	6,653,818	449,725	6,110,431	188,823	3,837,045
Fourth quarter.....	275,766	3,556,952	136,595	1,359,542	101,313	1,380,346	37,858	817,064
Third quarter.....	336,932	4,184,219	175,122	1,699,428	111,333	1,500,376	50,477	984,415
Second quarter.....	367,423	4,690,292	190,350	1,953,365	119,713	1,630,843	57,360	1,106,084
First quarter.....	326,016	4,169,831	165,522	1,641,483	117,366	1,598,866	43,128	929,482
1999								
Total.....	1,293,582	16,520,659	677,106	6,816,217	446,037	6,208,242	170,439	3,496,200
Fourth quarter.....	295,571	3,925,719	145,195	1,439,897	107,675	1,537,371	42,701	948,451
Third quarter.....	338,741	4,216,467	180,815	1,820,355	111,811	1,514,652	46,115	881,460
Second quarter.....	355,594	4,452,242	194,846	1,989,464	115,983	1,596,052	44,765	866,726
First quarter.....	303,676	3,926,231	156,250	1,566,501	110,568	1,560,167	36,858	799,563

See note at end of Table 1.

Table 4. Value of Shipments, Exports, Imports, and Apparent Consumption of Selected Paints: 2000 and 1999
[Millions of dollars]

Product code	Product description		Manufacturers' shipments	Exports of domestic merchandise 1/	Percent exports to manufacturers' shipments	Imports for consumption 2/ 3/	Apparent consumption 4/
3255101000, 4000, 7000	Paint, varnish, and lacquer.....	2000.....	16,203.3	1049.7	6.5	438.4	15,592.0
		1999.....	16,296.5	943.9	5.8	368.0	15,720.6
325510A011, 021	Paint and varnish remover, including thinners.....	2000.....	259.5	91.5	35.3	21.7	189.7
		1999.....	209.0	69.8	33.4	17.3	156.5
325510A041	Other miscellaneous allied paint products.....	2000.....	857.5	150.8	17.6	91.6	798.3
		1999.....	834.6	151.7	18.2	90.7	773.6

1/Source: Census Bureau report EM 545, U. S. Exports.
2/Source: Census Bureau report IM 145, U. S. Imports for Consumption.
3/Dollar value represents the c.i.f. (cost, insurance, and freight) value at first port of entry in the United States plus U.S. import duties.
4/Apparent consumption is equal to domestic shipments, plus imports, minus exports.

Table 5. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 2000

Product code	Product description	Export number 1/	Import number 2/
3255101000, 4000, 7000	Paint, varnish, and lacquer.....	3208.10.0000	3208.10.0000
		3208.20.0000	3208.20.0000
		3208.90.0000	3208.90.0000
		3209.10.0000	3209.10.0000
		3209.90.0000	3209.90.0000
325510A011, 021	Paint and varnish remover, including thinners.....	3814.00.0000	3814.00.1000
			3814.00.2000
			3814.00.5010
			3814.00.5090
325510A041	Other miscellaneous allied paint products.....	3210.00.0000	3210.00.0000
		3211.00.0000	3211.00.0000
		3214.10.0020	3214.10.0020
		3214.10.0090	3214.10.0090

1/Source: 2000 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 (2000).