

Manufacturers' Shipments, Inventories, and Orders (M3)
 Percent Dispersement of SIC Categories to NAICS Categories
 1997

M3 SIC Category		M3 NAICS Category		Percent Dispersement of M3 SIC Category
20A	Meat Products	11C	Meat, Poultry, and Seafood Product Processing	98.7
		11D	Other Food Manufacturing	1.3
20B	Dairy Products	11B	Dairy Product Manufacturing	100
20C	Fats and Oils	11A	Grain and Oilseed Milling	89.6
		11C	Meat, Poultry, and Seafood Product Processing	10.4
20D	Beverages	11A	Grain and Oilseed Milling	1.1
		11D	Other Food Manufacturing	11.5
		12A	Beverage Manufacturing	87.3
20E	Food and Kindred Products, Except Meat and Dairy Products, Beverages, Fats, and Oils	11A	Grain and Oilseed Milling	13.1
		11C	Meat, Poultry, and Seafood Product Processing	3.2
		11D	Other Food Manufacturing	83.5
		12A	Beverage Manufacturing	0.2
21A	Cigarettes, Cigars, and Chewing and Smoking Tobacco, and Snuff	12B	Tobacco Manufacturing	100
22A	Broadwoven Fabrics and Textiles, Except Those from Knitting and Floor Covering Mills	13A	Textile Mills	93.7
		14A	Textile Product Mills	6.3
22B	Knitting Mills	13A	Textile Mills	78.5
		15A	Apparel Manufacturing	21.5
22C	Carpets and Rugs	14A	Textile Product Mills	100
23A	Apparel and Other Finished Textile Products	13A	Textile Mills	0.3
		14A	Textile Product Mills	16.6
		15A	Apparel Manufacturing	70.8
		23A	Printing and Related Support Activities	3.7
		36E	Motor Vehicle Parts Manufacturing	8.2
		39D	Other Miscellaneous Manufacturing	0.5
24A	Wood Containers, Pallets, and Skids	21B	Other Wood Product Manufacturing	100
24B	Wood Buildings and Mobile Homes	21A	Wood Building and Mobile Home Manufacturing	100
24C	Wood Products, Except Containers, Buildings, and Mobile Homes	21B	Other Wood Product Manufacturing	75.9
		37A	Household Furniture and Kitchen Cabinet Manufacturing	7.9

See notes at end of table.

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		37B	Office Furniture and Institutional Furniture Manufacturing	0.5
		39D	Other Miscellaneous Manufacturing	1.3
		OUT		14.4
25A	Household Furniture	37A	Household Furniture and Kitchen Cabinet Manufacturing	79.3
		37B	Office Furniture and Institutional Furniture Manufacturing	5.7
		37C	Other Furniture Related Product Manufacturing	15
25B	Furniture, Except Household	36E	Motor Vehicle Parts Manufacturing	16.5
		37B	Office Furniture and Institutional Furniture Manufacturing	74.6
		37C	Other Furniture Related Product Manufacturing	6.8
		39A	Medical Equipment and Supplies Manufacturing	1.9
		39C	Office Supplies (except Paper) Manufacturing	0.2
26A	Pulp, Paper, and Paperboard Mill Products	22A	Pulp, Paper, and Paperboard Mills	100
26B	Paperboard Containers and Boxes	22B	Paperboard Container Manufacturing	100
26C	Miscellaneous Converted Paper Products	22A	Pulp, Paper, and Paperboard Mills	17
		22B	Paperboard Container Manufacturing	1
		22C	Other Paper Manufacturing	64.4
		26B	Other Plastics and Rubber Product Manufacturing	17.7
27A	Newspapers, Periodicals, and Books	23A	Printing and Related Support Activities	5.5
		OUT		94.5
27B	Publishing and Printing Products, Except Newspapers, Periodicals and Books	23A	Printing and Related Support Activities	80.6
		OUT		19.4
28A	Chemical Products, Except Paints, Drugs, Soaps, Toiletries, and Agricultural Chemicals	11D	Other Food Manufacturing	0.3
		25C	Paint, Coating, and Adhesive Manufacturing	3.7
		25D	Other Chemical Manufacturing	95.3
		31B	Alumina, Aluminum, and Nonferrous Metal Production and Processing	0.7
28B	Paints and Related Products	25C	Paint, Coating, and Adhesive Manufacturing	83.6
		25D	Other Chemical Manufacturing	16.4
28C	Drugs, Soaps, and Toiletries	25B	Pharmaceutical and Medicine Manufacturing	61.9
		25D	Other Chemical Manufacturing	38.1
28D	Agricultural Chemicals	25A	Pesticide, Fertilizer, and Other Agricultural	100

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			Chemical Manufacturing	
29A	Asphalt Paving and Roofing Materials	24B	Asphalt Paving, Roofing, and Saturated Materials Manufacturing	100
29B	Petroleum Refining, Except Paving and Roofing Materials	24A 24C	Petroleum Refineries Other Petroleum and Coal Products Manufacturing	95.6 4.4
30A	Tires and Tubes	26A	Tire Manufacturing	100
30B	Rubber and Plastics Footwear, Hose, Belting, Gaskets, and Other Rubber Products, n.e.c.	13A 15A 16A 26B 39B 39D	Textile Mills Apparel Manufacturing Leather & Allied Product Manufacturing Other Plastics and Rubber Product Manufacturing Sporting Goods, Doll, Toy, and Game Manufacturing Other Miscellaneous Manufacturing	1.3 0.3 3.9 71.6 0.5 22.4
30C	Miscellaneous Plastics Products, n.e.c.	25D 26B	Other Chemical Manufacturing Other Plastics and Rubber Product Manufacturing	6.5 93.5
31A	Leather Tanning and Finishing, and Footwear Cut Stock	16A 21B 39D	Leather & Allied Product Manufacturing Other Wood Product Manufacturing Other Miscellaneous Manufacturing	97.4 1.9 0.7
31B	Leather Products, Except Tanning, Finishing and Footwear Cut Stock	15A 16A	Apparel Manufacturing Leather & Allied Product Manufacturing	3.7 96.3
32A	Glass Containers	27A	Nonmetallic Mineral Product Manufacturing	100
32B	Kitchen Articles and Pottery	27A	Nonmetallic Mineral Product Manufacturing	100
32C	Stone, Clay, and Glass Products, Except Glass Containers, Kitchen Articles, and Pottery	27A 32G	Nonmetallic Mineral Product Manufacturing Other Fabricated Metal Product Manufacturing	99.7 0.3
33A	Blast Furnaces and Steel Mill Products	24C 31A 31B 32G	Other Petroleum and Coal Products Manufacturing Iron and Steel Mills and Ferrous and Ferroalloy and Steel Products Manufacturing Alumina, Aluminum, and Nonferrous Metal Production and Processing Other Fabricated Metal Product Manufacturing	2.3 97.1 0.2 0.4
33B	Iron and Steel Foundry Products	31C	Ferrous Metal Foundries	100

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33C	Nonferrous Metal Products, Primary and Secondary	31A	Iron and Steel Mills and Ferrous and Ferroalloy and Steel Products Manufacturing	1.3
		31B	Alumina, Aluminum, and Nonferrous Metal Production and Processing	63.6
		31D	Nonferrous Metal Foundries	12.4
		32G	Other Fabricated Metal Product Manufacturing	4
		35E	Other Electrical Equipment, Appliance, and Component Manufacturing	18.6
34A	Metal Cans and Shipping Containers	32C	Boiler, Tank, and Shipping Container Manufacturing	100
34B	Cutlery and Handtools	32B	Cutlery and Handtool Manufacturing	100
34C	Building Materials and Wire Products	32A	Forging and Stamping	3.6
		32C	Boiler, Tank, and Shipping Container Manufacturing	9.6
		32D	Metal Valve Manufacturing	4
		32G	Other Fabricated Metal Product Manufacturing	79
		33H	Ventilation, Heating, Air-Conditioning, and Refrigeration Equipment Manufacturing	3.7
34D/E	Ordnance and Accessories	32E/F	Small Arms and Ordnance Manufacturing	100
34F	Miscellaneous Fabricated Metal Products, Except Containers, Cutlery, Building Materials, Ordnance and Ammunition	22C	Other Paper Manufacturing	1.4
		32A	Forging and Stamping	18.8
		32B	Cutlery and Handtool Manufacturing	1.4
		32C	Boiler, Tank, and Shipping Container Manufacturing	0.3
		32D	Metal Valve Manufacturing	16.1
		32G	Other Fabricated Metal Product Manufacturing	40.6
		36E	Motor Vehicle Parts Manufacturing	21.2
37B	Office Furniture and Institutional Furniture Manufacturing	0.1		
35A	Steam Engines and Turbines (Including Nuclear)	33J	Turbine and Generator Manufacturing	100
35B	Internal Combustion Engines Including Diesel, Except Automotive and Aircraft	33K	Other Power Transmission Equipment Manufacturing	99.7
		36E	Motor Vehicle Parts Manufacturing	0.3
35C	Farm and Garden Machinery	32B	Cutlery and Handtool Manufacturing	0.3
		32G	Other Fabricated Metal Product Manufacturing	0.5
		33A	Farm Machinery and Equipment Manufacturing	68
		33B	Lawn and Garden Tractors and Equipment Manufacturing	31
		33M	Material Handling Equipment Manufacturing	0.2

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35D	Construction, Mining, and Material Handling Equipment	33C 33D 33M 36K	Construction Machinery Manufacturing Mining, Oil, and Gas Field Machinery Manufacturing Material Handling Equipment Manufacturing Railroad Rolling Stock	45.4 18.7 35.5 0.4
35E	Metalworking Machinery	32B 32G 33I 33N	Cutlery and Handtool Manufacturing Other Fabricated Metal Product Manufacturing Metalworking Machinery Manufacturing All Other Machinery Manufacturing	2 1.6 76.1 20.3
35F	Special Industrial Machinery	33E 33F	Industrial Machinery Manufacturing Vending, Laundry, and Other Machinery Manufacturing	98 2
35G	General Industrial Machinery	32G 33H 33K 33L 33N	Other Fabricated Metal Product Manufacturing Ventilation, Heating, Air-Conditioning, and Refrigeration Equipment Manufacturing Other Power Transmission Equipment Manufacturing Pump and Compressor Manufacturing All Other Machinery Manufacturing	13.8 9.2 12.9 28.1 36.1
35H	Computer and Office Equipment	33G 34A 34B 34C 34K 39C	Photographic Equipment Manufacturing Electronic Computer Manufacturing Computer Storage Device Manufacturing Other Computer Peripheral Equipment Manufacturing Electromedical, Measuring, and Control Instrument Manufacturing Office Supplies (Except Paper) Manufacturing	2.8 59 12.4 25.4 0.2 0.2
35I	Refrigeration, Heating and Service Industry Machinery	33F 33H 33L 36E	Vending, Laundry, and Other Machinery Manufacturing Ventilation, Heating, Air-Conditioning, and Refrigeration Equipment Manufacturing Pump and Compressor Manufacturing Motor Vehicle Parts Manufacturing	24.2 60.5 3.3 11.9
35J	Industrial Machinery, n.e.c.	32G 33F 33N 36E	Other Fabricated Metal Product Manufacturing Vending, Laundry, and Other Machinery Manufacturing All Other Machinery Manufacturing Motor Vehicle Parts Manufacturing	71.5 0.4 20.9 7.1
36A	Electrical Transmission and Distribution Equipment	35C	Electrical Equipment Manufacturing	100

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36B	Electrical Industrial Apparatus	35C	Electrical Equipment Manufacturing	82.2
		35E	Other Electrical Equipment, Appliance, and Component Manufacturing	17.8
36C	Houshold Appliances	33E	Industrial Machinery Manufacturing	0.1
		33H	Ventilation, Heating, Air-Conditioning, and Refrigeration Equipment Manufacturing	1.6
		35B	Household Appliance Manufacturing	98.4
36D	Electric Lighting and Wiring Equipment	35A	Electric Lighting Equipment Manufacturing	48.2
		35E	Other Electrical Equipment, Appliance, and Component Manufacturing	39.3
		36E	Motor Vehicle Parts Manufacturing	12.5
36E	Household Audio and Video Equipment	34F	Audio and Video Equipment Manufacturing	79
		34L	Manufacturing and Reproducing Magnetic and Optical Media	21
36F/G	Communication Equipment	34D/E	Communications Equipment Manufacturing	98.8
		34H	Other Electronic Component Manufacturing	1.2
36H	Electronic Components and Accessories	34D/E	Communications Equipment Manufacturing	1.8
		34G	Semiconductor and Related Device Manufacturing	55.3
		34H	Other Electronic Component Manufacturing	42.6
		36E	Motor Vehicle Parts Manufacturing	0.3
36I	Miscellaneous Electrical Equipment and Supplies	32B	Cutlery and Handtool Manufacturing	0.6
		33E	Industrial Machinery Manufacturing	0.2
		33F	Vending, Laundry, and Other Machinery Manufacturing	3.5
		33I	Metalworking Machinery Manufacturing	0.3
		33K	Other Power Transmission Equipment Manufacturing	0.1
		33N	All Other Machinery Manufacturing	0.1
		34I/J	Search and Navigation Equipment Manufacturing	0.3
		34K	Electromedical, Measuring, and Control Instrument Manufacturing	0.4
		34L	Manufacturing and Reproducing Magnetic and Optical Media	18.1
		35D	Battery Manufacturing	25.8
		35E	Other Electrical Equipment, Appliance, and Component Manufacturing	15.8
		36E	Motor Vehicle Parts Manufacturing	34.8

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37A	Motor Vehicle Parts, Accessories and Bodies, Except Car Bodies	36D	Motor Vehicle Body and Trailer Manufacturing	14.7
		36E	Motor Vehicle Parts Manufacturing	85.3
37B	Motore Vehicles and Car Bodies	36A	Automobile Manufacturing	42.8
		36B	Light Truck and Utility Vehicle Manufacturing	49.3
		36C	Heavy Duty Truck Manufacturing	7.5
		36N	Other Transportation Equipment	0.4
37C/D	Complete Aircraft, Missiles, and Space Vehicles	36F/G	Aircraft Manufacturing	79.8
		36J	Missile, Space Vehicle, and Parts Manufacturing	20.2
37E/F	Aircraft, Missiles, and Space Vehicle Engines and Parts	36F/G	Aircraft Manufacturing	2.5
		36H/I	Aircraft Engine and Parts Manufacturing	88.5
		36J	Missile, Space Vehicle, and Parts Manufacturing	9
37G/H	Ships and Tank Components	36L/M	Ship and Boat Building	91.4
		36N	Other Transportation Equipment	8.6
37I	Railroad Equipment	36K	Railroad Rolling Stock	100
37J	Boats, Motorcycles, Bicycles, Travel Trailers, and Campers	32B	Cutlery and Handtool Manufacturing	0.1
		36D	Motor Vehicle Body and Trailer Manufacturing	25.3
		36L/M	Ship and Boat Building	30.8
		36N	Other Transportation Equipment	43.5
		OUT		0.3
38A/B	Search and Navigation Equipment	34I/J	Search and Navigation Equipment Manufacturing	100
38C	Measuring and Controlling Devices	33G	Photographic Equipment Manufacturing	6.9
		34K	Electromedical, Measuring, and Control Instrument Manufacturing	86.2
		39A	Medical Equipment and Supplies Manufacturing	6.9
38D	Medical Instruments and Supplies	22C	Other Paper Manufacturing	2.2
		34K	Electromedical, Measuring, and Control Instrument Manufacturing	29.6
		39A	Medical Equipment and Supplies Manufacturing	68.2
38E	Ophthalmic Goods, Watches, and Clocks	34K	Electromedical, Measuring, and Control Instrument Manufacturing	16.6
		39A	Medical Equipment and Supplies Manufacturing	83.4

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38F	Photographic Goods	25D	Other Chemical Manufacturing	66.9
		33G	Photographic Equipment Manufacturing	33.1
39A	Miscellaneous Personal Goods, Such as Jewelry, Silverware, Toys and Games, Sporting Goods, Musical Instruments, and Burial Caskets	36N	Other Transportation Equipment	0.1
		39B	Sporting Goods, Doll, Toy, and Game Manufacturing	58.2
		39D	Other Miscellaneous Manufacturing	41.6
39B	Miscellaneous Manufactures, Except Personal Goods	16A	Leather & Allied Product Manufacturing	0.1
		25D	Other Chemical Manufacturing	0.6
		26B	Other Plastics and Rubber Product Manufacturing	7.9
		32B	Cutlery and Handtool Manufacturing	1.4
		32G	Other Fabricated Metal Product Manufacturing	0.3
		33F	Vending, Laundry, and Other Machinery Manufacturing	0.1
		35A	Electric Lighting Equipment Manufacturing	0.7
		35B	Household Appliance Manufacturing	0.4
		37B	Office Furniture and Institutional Furniture Manufacturing	0.8
		39B	Sporting Goods, Doll, Toy, and Game Manufacturing	1.3
39C	Office Supplies (Except Paper) Manufacturing	15.8		
39D	Other Miscellaneous Manufacturing	70.6		

NOTES: Percentages are based value of product shipments from the 1997 Economic Census.
The percentages do not apply to years other than 1997 because product distributions may change.

OUT in the NAICS Category column indicates value of shipments left the manufacturing sector.
For example, the SIC category 24C, Wood Products, Except Containers, Buildings, and Mobile Homes, is dispersed as follows: 75.9 percent is in NAICS category 21B, 7.9 percent is in NAICS category 37A, 0.5 percent in NAICS category 37B, 1.3 percent is in NAICS category 39D and 14.4 percent falls out the of manufacturing sector.