



Total Sample sizes (all manufacturing) per year/country

Includes companies that submitted a 3-, 4- or 5-digit NAICS code

Includes companies that submitted a 4-, or 5-digit NAICS code

Includes companies that submitted a 5 digit NAICS code

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Note: Some survey participants submitted an invalid NAICS code or no code.Their answers are included within the database and their overall submission is counted among the *Total Sample Size (all manufacturing)*.

NAICS	Description	2008 North America - 984							
		<i>Total Sample Size (all manufacturing)</i>							
		431 2008 U.S.	84 2008 Canada	469 2008 Mexico	402 2008 China	798 2007 U.S.	145 2007 Canada	668 2006 U.S.	406 2005 China
311	Food Manufacturing	20	0	15	39	30	3	16	11
3111	Animal Food Manufacturing				2	3	1	1	
3112	Grain and Oilseed Milling	2			3	1			
31121	Flour Milling and Malt Manufacturing	1			3	1			
31122	Starch and Vegetable Fats and Oils Manufacturing	1							
3113	Sugar and Confectionery Product Manufacturing	1		1	1		1	1	
31131	Sugar Manufacturing	1							
31132	Chocolate and Confectionery Manufacturing from Cacao Beans				1		1		
31134	Nonchocolate Confectionery Manufacturing			1					
3114	Fruit and Vegetable Preserving and Specialty Food Manufacturing	3		1	3	3		1	2
31141	Frozen Food Manufacturing	2			1	1			
31142	Fruit and Vegetable Canning, Pickling, and Drying	1		1	2	1		1	2
3115	Dairy Product Manufacturing	2				5		3	
31151	Dairy Product (except Frozen) Manufacturing	2				3			
31152	Ice Cream and Frozen Dessert Manufacturing					2		2	
3116	Animal Slaughtering and Processing	3		1	6	4		4	2
3117	Seafood Product Preparation and Packaging				1	2	1		
3118	Bakeries and Tortilla Manufacturing				3	4		3	
31181	Bread and Bakery Product Manufacturing				2	1		2	
31182	Cookie, Cracker, and Pasta Manufacturing				1	3		1	
3119	Other Food Manufacturing	8		4	12	6			1
31191	Snack Food Manufacturing	3		1	2	3			
31192	Coffee and Tea Manufacturing				4	1			
31193	Flavoring Syrup and Concentrate Manufacturing			2	1				
31194	Seasoning and Dressing Manufacturing	3		1	3	1			
31199	All Other Food Manufacturing	2			2	1			1

		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
312	Beverage and Tobacco Product Manufacturing	3	0	2	4	3	2	1	1
3121	Beverage Manufacturing	3		2	4	3	2	1	
31211	Soft Drink and Ice Manufacturing	2		2	2				
31213	Wineries				2	1			
31214	Distilleries	1				1			
3122	Tobacco Manufacturing								1
31222	Tobacco Product Manufacturing								1
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
313	Textile Mills	5	0	10	2	3	1	10	8
3131	Fiber, Yarn, and Thread Mills							8	1
3132	Fabric Mills	3		1	2	1			5
31321	Broadwoven Fabric Mills			1	1	1		2	5
31322	Narrow Fabric Mills and Schiffli Machine Embroidery				1			3	
31323	Nonwoven Fabric Mills	3							
3133	Textile and Fabric Finishing and Fabric Coating Mills	2		9		2	1		2
31331	Textile and Fabric Finishing Mills	2		9		2	1		
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
314	Textile Product Mills	4	0	1	1	3	1	5	0
3141	Textile Furnishings Mills	1		1		2		3	
31411	Carpet and Rug Mills			1		2			
31412	Curtain and Linen Mills	1							
3149	Other Textile Product Mills	3			1	1	1	2	
31491	Textile Bag and Canvas Mills	1			1		1		
31499	All Other Textile Product Mills	2				1		2	
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
315	Apparel Manufacturing	1	0	0	1	4	1	7	6
3151	Apparel Knitting Mills	1			1			1	1
31511	Hosiery and Sock Mills	1			1			1	
31519	Other Apparel Knitting Mills								1
3152	Cut and Sew Apparel Manufacturing						1	2	1
3159	Apparel Accessories and Other Apparel Manufacturing					2		2	
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
316	Leather and Allied Product Manufacturing	2	0	0	1	0	1	1	2
3161	Leather and Hide Tanning and Finishing	1							
3162	Footwear Manufacturing				1				2
3169	Other Leather and Allied Product Manufacturing	1					1	1	

		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
321	Wood Product Manufacturing	16	2	5	6	18	3	16	4
3211	Sawmills and Wood Preservation	2	1			6		4	
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing	6				4	2	5	1
3219	Other Wood Product Manufacturing	8	1	5	6	6	1	7	2
32191	Millwork	3	1		2	3		4	
32192	Wood Container and Pallet Manufacturing			5	3	1		1	2
32199	All Other Wood Product Manufacturing	5			1	2	1	2	
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
322	Paper Manufacturing	17	2	5	5	18	6	19	4
3221	Pulp, Paper, and Paperboard Mills	9	2	2	1	7	4	9	2
32211	Pulp Mills							3	
32212	Paper Mills	6	2	1		7	3	3	2
32213	Paperboard Mills	2		1			1	3	
3222	Converted Paper Product Manufacturing	8		3	4	11	2	9	2
32221	Paperboard Container Manufacturing	5			1	3	2	5	
32222	Paper Bag and Coated and Treated Paper Manufacturing	1		1	3	6		1	
32223	Stationery Product Manufacturing	1		1				1	1
32229	Other Converted Paper Product Manufacturing	1		1		2		1	
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
323	Printing and Related Support Activities	10	0	6	2	23	2	16	4
3231	Printing and Related Support Activities	9		6	2	23	2	16	4
32311	Printing	7		6	2	21	2	16	4
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
324	Petroleum and Coal Products Manufacturing	3	1	0	3	2	0	3	1
3241	Petroleum and Coal Products Manufacturing	3	1		3	2		3	1
32411	Petroleum Refineries	1			1	1		1	
32412	Asphalt Paving, Roofing, and Saturated Materials Manufacturi	2				1		2	1
32419	Other Petroleum and Coal Products Manufacturing		1		2				

		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
325	Chemical Manufacturing	39	5	40	37	64	4	43	51
3251	Basic Chemical Manufacturing	4	1	5	5	4	1	4	11
32511	Petrochemical Manufacturing								4
32512	Industrial Gas Manufacturing			2		1			1
32513	Synthetic Dye and Pigment Manufacturing	1		1					4
32518	Other Basic Inorganic Chemical Manufacturing	2		1	5	1	1	3	1
32519	Other Basic Organic Chemical Manufacturing	1	1	1		2		1	1
3252	Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing	4	2	12	11	8		4	6
32521	Resin and Synthetic Rubber Manufacturing	4	2	9	11	7		4	6
32522	Artificial and Synthetic Fibers and Filaments Manufacturing			3		1			
3253	Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing	2		1	1	3		4	1
32531	Fertilizer Manufacturing	1		1				2	1
32532	Pesticide and Other Agricultural Chemical Manufacturing	1			1				
3254	Pharmaceutical and Medicine Manufacturing	2		7		10	3	4	9
3255	Paint, Coating, and Adhesive Manufacturing	7		5	8	12		6	3
32551	Paint and Coating Manufacturing	4		5	3	6		1	2
32552	Adhesive Manufacturing	3			5	6		2	
3256	Soap, Cleaning Compound, and Toilet Preparation Manufacturing	5		5	3	11		9	4
32561	Soap and Cleaning Compound Manufacturing	5		2	2	5		4	2
32562	Toilet Preparation Manufacturing			3	1	4		5	2
3259	Other Chemical Product and Preparation Manufacturing	14	2	2	8	9		5	5
32591	Printing Ink Manufacturing	2						1	
32592	Explosives Manufacturing	1				2			
32599	All Other Chemical Product and Preparation Manufacturing	11	2	2	8	7		4	5
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
326	Plastics and Rubber Products Manufacturing	13	4	24	26	39	10	42	20
3261	Plastics Product Manufacturing	10	4	8	14	32	4	33	15
32611	Plastics Packaging Materials and Unlaminated Film and Sheet Manufacturing	2	1	1	3	8	1	5	
32612	Plastics Pipe, Pipe Fitting, and Unlaminated Profile Shape Manufacturing				2	5		3	1
32613	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing	1		1		1			
32615	Urethane and Other Foam Product (except Polystyrene) Manufacturing	2				3		4	1
32616	Plastic Bottle Manufacturing			1					
32619	Other Plastics Product Manufacturing	2	1	5	2	4	1	9	10
3262	Rubber Product Manufacturing	3		6	12	7	6	7	2
32621	Tire Manufacturing	1		4	5	1	2		1
32622	Rubber and Plastics Hoses and Belting Manufacturing			1	6	4	4	3	1
32623	Other Rubber Product Manufacturing	1		1	1				

		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
327	Nonmetallic Mineral Product Manufacturing	8	2	5	15	22	0	25	8
3271	Clay Product and Refractory Manufacturing	3		1	1	5		4	1
32711	Pottery, Ceramics, and Plumbing Fixture Manufacturing				1	2		2	
32712	Clay Building Material and Refractories Manufacturing	3		1		3		2	
3272	Glass and Glass Product Manufacturing	1		2	8	1		4	3
3273	Cement and Concrete Product Manufacturing	1	1	1	3	5		9	2
32731	Cement Manufacturing		1		3			1	2
32732	Ready-Mix Concrete Manufacturing					1		3	
32733	Concrete Pipe, Brick, and Block Manufacturing					2		5	
32739	Other Concrete Product Manufacturing	1		1		2			
3274	Lime and Gypsum Product Manufacturing	1				1			
32742	Gypsum Product Manufacturing	1				1			
3279	Other Nonmetallic Mineral Product Manufacturing	2	1	1	4	9		8	2
32791	Abrasive Product Manufacturing	1				2		2	1
32799	All Other Nonmetallic Mineral Product Manufacturing	1	1	1	3	7		6	1
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
331	Primary Metal Manufacturing	23	1	33	22	44	5	33	8
3311	Iron and Steel Mills and Ferroalloy Manufacturing	3		9	3	5		5	2
3312	Steel Product Manufacturing from Purchased Steel	2		2	3	9	1	1	
33121	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel	1		1	2				
33122	Rolling and Drawing of Purchased Steel	1		1	1	3		1	
3313	Alumina and Aluminum Production and Processing	3	1	3	4	7	2	7	2
3314	Nonferrous Metal (except Aluminum) Production and Processing	2		8	4	4		3	2
33142	Copper Rolling, Drawing, Extruding, and Alloying			4	1	1		3	
33149	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, Extruding, and Alloying	2		4	3	2			
3315	Foundries	11		10	6	18	2	17	2
33151	Ferrous Metal Foundries	2		1	4	13		10	2
33152	Nonferrous Metal Foundries	9		9	2	4	2	6	

		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
332	Fabricated Metal Product Manufacturing	62	18	74	31	105	16	125	17
3321	Forging and Stamping	7	1	9	1	11		19	1
3322	Cutlery and Handtool Manufacturing	3		10	1	6		3	
3323	Architectural and Structural Metals Manufacturing	24	9	17	5	27	1	25	4
33232	Ornamental and Architectural Metal Products Manufacturing	8	6	10	4	14	1	17	2
33231	Plate Work and Fabricated Structural Product Manufacturing	16	3	7	1	13		8	2
3324	Boiler, Tank, and Shipping Container Manufacturing	4	1	7		11	1	9	1
33241	Power Boiler and Heat Exchanger Manufacturing		1			2		5	
33242	Metal Tank (Heavy Gauge) Manufacturing	3		6		4		2	1
33243	Metal Can, Box, and Other Metal Container (Light Gauge) Manufacturing	1		1		5	1	2	
3325	Hardware Manufacturing		1	3	5	5	1	6	2
3326	Spring and Wire Product Manufacturing	4	1	1	1	4	1	4	1
3327	Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing	1		3	3	5	2	10	1
33271	Machine Shops					4	2	7	
33272	Turned Product and Screw, Nut, and Bolt Manufacturing	1		3	3	1		2	1
3328	Coating, Engraving, Heat Treating, and Allied Activities	3		1	1	5	1	3	
3329	Other Fabricated Metal Product Manufacturing	15	5	9	11	27	4	19	5
33291	Metal Valve Manufacturing	10	3	3	2	8		9	3
33299	All Other Fabricated Metal Product Manufacturing	5	2	6	9	19	4	10	2

		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
333	Machinery Manufacturing	68	22	74	56	160	32	99	70
3331	Agriculture, Construction, and Mining Machinery Manufacturing	6	3	8	4	13	8	15	3
33311	Agricultural Implement Manufacturing	5	1	2	2	3	5	3	1
33312	Construction Machinery Manufacturing		2	3		7	1	7	2
33313	Mining and Oil and Gas Field Machinery Manufacturing	1		1	1	3	2	5	
3332	Industrial Machinery Manufacturing	9	1	8	9	12	2	16	7
33321	Sawmill and Woodworking Machinery Manufacturing				1	1		1	
33322	Plastics and Rubber Industry Machinery Manufacturing	6	1	4				6	1
33329	Other Industrial Machinery Manufacturing	3		4	3	9	2	5	6
3333	Commercial and Service Industry Machinery Manufacturing	4	3	2	4	13	1	11	9
3334	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	11	1	13	2	18	5	8	6
3335	Metalworking Machinery Manufacturing	10	4	17	10	32	5	15	7
3336	Engine, Turbine, and Power Transmission Equipment Manufacturing	1	1	8	3	15	1	8	1
3339	Other General Purpose Machinery Manufacturing	14	8	18	8	34	8	14	23
33391	Pump and Compressor Manufacturing	3		1	3	3	2	2	14
33392	Material Handling Equipment Manufacturing	3		6		12	2	3	3
33399	All Other General Purpose Machinery Manufacturing	8	8	11	5	19	4	9	6
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
334	Computer and Electronic Product Manufacturing	52	9	46	30	61	7	58	97
3341	Computer and Peripheral Equipment Manufacturing	3		1	3	6		6	18
3342	Communications Equipment Manufacturing	7	1	4	7	4	2	6	13
33421	Telephone Apparatus Manufacturing	1	1	4		1			6
33422	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	3			3		1		5
33429	Other Communications Equipment Manufacturing	2			4	2	1	2	1
3343	Audio and Video Equipment Manufacturing	2	1	1		3	1	3	
3344	Semiconductor and Other Electronic Component Manufacturing	11	2	8	6	18		12	16
3345	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	20	2	16	11	27	4	22	42
3346	Manufacturing and Reproducing Magnetic and Optical Media	2	2	9	1	3		6	3

		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
335	Electrical Equipment, Appliance, and Component Manufacturing	16	2	23	39	38	12	36	38
3351	Electric Lighting Equipment Manufacturing	1	1	4	1	2	3	5	1
33511	Electric Lamp Bulb and Part Manufacturing	1		1					
33512	Lighting Fixture Manufacturing		1	3	1	2	3	5	1
3352	Household Appliance Manufacturing	3		4	12	4		2	3
33521	Small Electrical Appliance Manufacturing	3		1	3	3		1	1
33522	Major Appliance Manufacturing			3	9			1	2
3353	Electrical Equipment Manufacturing	8	1	11	14	26	7	11	9
3359	Other Electrical Equipment and Component Manufacturing	4		4	12	6	2	9	24
33591	Battery Manufacturing	2			2	1			6
33592	Communication and Energy Wire and Cable Manufacturing	1							9
33593	Wiring Device Manufacturing			4	6	1	1	2	2
33599	All Other Electrical Equipment and Component Manufacturing	1		4	4	4	1	5	7
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
336	Transportation Equipment Manufacturing	29	9	44	34	66	26	41	11
3361	Motor Vehicle Manufacturing	5		19	8	1	3		1
33611	Automobile and Light Duty Motor Vehicle Manufacturing	5		19	8	1	3		1
3362	Motor Vehicle Body and Trailer Manufacturing	3	3	4	3	9	6	3	
3363	Motor Vehicle Parts Manufacturing	18	2	18	11	37	12	27	10
33631	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing	3			2	3	1	4	1
33632	Motor Vehicle Electrical and Electronic Equipment Manufacturing	4	1	1	1	1		1	1
33633	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing	1		1		3	1	4	7
33634	Motor Vehicle Brake System Manufacturing			1		2	3		
33635	Motor Vehicle Transmission and Power Train Parts Manufacturing	4		4	2	7	3	2	1
33636	Motor Vehicle Seating and Interior Trim Manufacturing	1	1	2		3	1	4	
33637	Motor Vehicle Metal Stamping	1		2		3	3		
33639	Other Motor Vehicle Parts Manufacturing	4		7	6	6		6	
3364	Aerospace Product and Parts Manufacturing	2	3			17	4	7	
3365	Railroad Rolling Stock Manufacturing			1	1		1		
3366	Ship and Boat Building		1		1	1		1	
3369	Other Transportation Equipment Manufacturing	1		2	10	1		2	

		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
337	Furniture and Related Product Manufacturing	9	3	8	28	22	3	11	3
3371	Household and Institutional Furniture and Kitchen Cabinet Manufacturing	6	2	6	20	7	2	10	1
33711	Wood Kitchen Cabinet and Countertop Manufacturing	2			1	2	1	4	
33712	Household and Institutional Furniture Manufacturing	4	2	6	19	5	1	4	1
3372	Office Furniture (including Fixtures) Manufacturing	3	1	2	5	11	1		2
3379	Other Furniture Related Product Manufacturing				3	2		1	
33792	Blind and Shade Manufacturing					2		1	
33791	Mattress Manufacturing				3				
		08 US	08 Cn	08 Mx	08 Ch	07 US	07 Cn	06 US	05 Ch
339	Miscellaneous Manufacturing	23	2	12	11	57	3	42	9
3391	Medical Equipment and Supplies Manufacturing	13	1	4	2	29	2	21	3
3399	Other Miscellaneous Manufacturing	10	1	8	9	27	1	20	6
33991	Jewelry and Silverware Manufacturing			1		4			
33992	Sporting and Athletic Goods Manufacturing				1	1			
33993	Doll, Toy, and Game Manufacturing			1	2	1			
33994	Office Supplies (except paper) Manufacturing					2			
33995	Sign Manufacturing	3		1		3			
33999	All Other Miscellaneous Manufacturing	7		5	6	16	1		5