

Industry based on shipments	2002 NAICS code ¹	All employees ²			Production workers ² (1,000)	Value added by manufac- ³ tures (mil.dol.)	Value of ship- ⁴ ments (mil. dol.)
		Payroll		Per employee (dol.)			
		Number (1,000)	Total (mil. dol.)				
Manufacturing, total	31-33	12,984.7	592,119	45,601	9,175.3	2,285,929	5,015,553
Food ⁵	311	1,416.9	48,842	34,470	1,089.6	233,407	536,939
Grain and oilseed milling	3112	52.6	2,647	50,340	39.6	19,974	56,978
Sugar and confectionery products	3113	65.2	2,724	41,742	50.9	15,748	28,225
Fruit and vegetable preserving and specialty foods	3114	160.6	5,757	35,857	133.1	27,732	56,161
Dairy products	3115	121.7	5,277	43,371	85.8	24,143	75,252
Animal slaughtering and processing	3116	488.5	13,563	27,765	421.9	52,793	149,577
Bakeries and tortillas	3118	273.6	9,153	33,455	173.5	34,417	54,245
Beverage and tobacco products	312	143.9	7,183	49,912	83.7	79,168	124,033
Beverage	3121	124.3	5,927	47,694	69.2	42,906	82,443
Tobacco	3122	19.6	1,256	63,940	14.5	36,262	41,589
Textile mills	313	174.0	5,778	33,208	145.1	17,140	38,829
Textile product mills	314	145.5	4,407	30,290	114.2	15,121	33,264
Apparel	315	199.9	5,013	25,074	155.1	15,968	30,325
Cut and sew apparel	3152	155.3	3,870	24,923	119.2	12,695	23,610
Leather and allied products	316	36.1	1,078	29,844	27.8	3,011	5,941
Wood products ⁵	321	536.2	18,144	33,838	432.4	44,267	112,403
Sawmills and wood preservation	3211	104.0	3,863	37,141	87.4	9,787	32,153
Veneer, plywood, and engineered wood products	3212	114.7	4,171	36,364	92.2	10,447	25,749
Paper	322	413.4	20,587	49,802	321.3	79,952	169,033
Pulp, paper, and paperboard mills	3221	127.9	8,019	62,683	101.5	41,531	78,926
Converted paper products	3222	285.4	12,567	44,029	219.7	38,421	90,107
Printing and related support activities	323	620.0	25,110	40,502	443.6	60,357	99,800
Petroleum and coal products	324	101.0	8,078	79,974	65.8	125,792	546,811
Chemical ⁵	325	748.5	45,861	61,274	431.9	340,038	657,082
Basic chemical	3251	153.3	10,420	67,966	91.8	82,690	195,007
Resin, syn rubber, and artificial and syn. fibers and filaments	3252	78.5	4,945	62,992	55.1	31,494	94,313
Pharmaceutical and medicine	3254	233.5	16,108	68,997	114.0	134,143	180,934
Plastics and rubber products	326	867.6	33,323	38,407	676.9	99,451	211,299
Plastics products	3261	715.2	26,727	37,368	557.1	82,762	174,143
Nonmetallic mineral products	327	473.8	20,210	42,658	368.3	72,132	126,263
Cement and concrete products	3273	231.2	9,892	42,794	178.6	35,334	64,463
Primary metal ⁵	331	422.2	21,906	51,892	336.6	84,343	234,384
Iron and steel mills and ferroalloy	3311	101.6	7,011	69,002	81.9	34,367	93,328
Foundries	3315	162.9	7,078	43,437	133.2	17,632	33,457
Fabricated metal products ⁵	332	1,491.8	63,170	42,344	1,110.9	169,322	317,214
Architectural and structural metals	3323	371.0	15,114	40,743	267.1	40,145	83,539
Machine shops, turned product and screw, nut, and bolt	3327	378.0	16,143	42,701	286.8	34,739	56,195
Coating, engraving, heat treating, and allied activities	3328	127.7	4,979	39,001	98.9	13,914	24,280
Machinery ⁵	333	1,070.4	52,597	49,137	693.4	154,460	326,583
Agriculture, construction, and mining machinery	3331	181.1	8,348	46,101	124.7	32,431	77,458
Metalworking machinery	3335	163.7	8,300	50,709	115.1	16,553	28,096
Computer and electronic products ⁵	334	1,002.1	61,832	61,703	468.9	230,762	390,813
Computer and peripheral equipment	3341	96.2	5,809	60,383	35.2	35,049	67,403
Communications equipment	3342	127.2	8,336	65,534	51.4	36,906	70,195
Semiconductor and other electronic components	3344	346.7	18,739	54,055	201.5	76,460	117,688
Navigational, measuring, medical, control instruments	3345	385.1	26,805	69,607	150.2	75,808	118,994
Electrical equipment, appliance, and component	335	410.4	17,763	43,284	292.9	57,520	119,402
Electrical equipment	3353	142.7	6,340	44,421	96.0	18,477	36,926
Transportation equipment ⁵	336	1,525.0	83,837	54,974	1,093.4	260,883	699,034
Motor vehicles	3361	205.8	14,019	68,106	179.1	66,046	261,860
Motor vehicle bodies and trailers	3362	150.2	5,573	37,111	120.3	13,475	36,016
Motor vehicle parts	3363	577.7	28,699	49,676	450.7	85,486	202,299
Aerospace products and parts	3364	381.1	26,392	69,249	191.8	79,906	143,003
Ship and boat building	3366	139.6	5,896	42,249	101.5	14,064	26,511
Furniture and related products ⁵	337	519.0	17,699	34,102	404.1	46,390	85,618
Household and institutional furniture and kitchen cabinets	3371	342.9	10,813	31,533	272.8	26,218	48,931
Miscellaneous manufacturing	339	667.0	29,702	44,533	420.2	96,447	150,481
Medical equipment and supplies	3391	305.0	15,413	50,533	180.6	55,891	78,486

¹ North American Industry Classification System, 2002; see text, Section 15. ² Includes employment and payroll at administrative offices and auxiliary units. All employees represents the average of production workers plus all other employees for the payroll period ended nearest the 12th of March. Production workers represent the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November. ³ Adjusted value added; takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. ⁴ Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification. ⁵ Includes industries not shown separately.