

# North Dakota: 2002

Issued September 2005

EC02-31A-ND (RV)

## 2002 Economic Census

*Manufacturing*

Geographic Area Series



**USCENSUSBUREAU**

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U.S. Department of Commerce  
Economics and Statistics Administration  
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**Table 1. Industry Statistics for the State: 2002**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>NORTH DAKOTA</b>													
31-33	Manufacturing .....	2	724	194	23 370	757 012	17 017	32 794	473 516	2 679 559	4 082 080	6 856 653	201 839
311	Food manufacturing .....	1	123	38	5 000	149 448	3 721	7 449	97 973	649 853	1 115 811	1 771 040	67 084
3111	Animal food manufacturing .....	4	12	3	246	7 877	137	277	3 831	21 357	59 642	80 842	3 900
31111	Animal food manufacturing ....	4	12	3	246	7 877	137	277	3 831	21 357	59 642	80 842	3 900
311119	Other animal food manufacturing .....	4	12	3	246	7 877	137	277	3 831	21 357	59 642	80 842	3 900
3112	Grain and oilseed milling .....	-	11	7	662	22 239	435	933	11 436	100 781	447 409	538 890	D
31121	Flour milling and malt manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
311211	Flour milling .....	-	4	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing .....	-	4	4	e	D	D	D	D	D	D	D	D
311221	Wet corn milling .....	-	1	1	c	D	D	D	D	D	D	D	D
311223	Other oilseed processing ....	-	2	2	c	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing .....	-	6	3	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
311313	Beet sugar manufacturing ...	-	3	3	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	5	8	4	987	23 472	846	1 586	17 686	108 776	74 637	188 140	D
31141	Frozen food manufacturing ....	6	4	3	f	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	6	2	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing .....	-	9	5	338	10 212	211	447	6 877	39 984	61 112	100 646	1 789
31151	Dairy product (except frozen) manufacturing .....	-	9	5	338	10 212	211	447	6 877	39 984	61 112	100 646	1 789
311511	Fluid milk manufacturing ....	-	6	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	3	29	5	539	13 801	479	887	9 680	72 730	63 001	136 322	1 881
31161	Animal slaughtering and processing .....	3	29	5	539	13 801	479	887	9 680	72 730	63 001	136 322	1 881
311611	Animal (except poultry) slaughtering .....	4	22	3	222	6 130	199	458	5 006	19 242	55 030	74 506	D
311612	Meat processed from carcasses .....	1	6	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	1	35	8	1 093	31 022	651	1 343	17 275	104 432	100 180	205 057	9 084
31181	Bread and bakery product manufacturing .....	-	30	5	f	D	D	D	D	D	D	D	4 819
311811	Retail bakeries .....	4	21	1	c	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	8	3	358	10 109	184	352	4 807	29 283	12 378	41 659	D
311813	Frozen cakes, pies, and other pastries manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing .....	1	5	3	e	D	D	D	D	D	D	D	4 265
311823	Dry pasta manufacturing ....	1	3	2	315	11 673	224	494	6 265	54 431	74 166	129 361	D
3119	Other food manufacturing .....	3	13	3	e	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	2	8	3	234	5 089	190	440	3 731	26 333	10 945	36 818	D
311991	Perishable prepared food manufacturing .....	-	3	1	c	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	-	7	3	c	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	-	7	3	c	D	D	D	D	D	D	D	D
313	Textile mills .....	3	4	3	c	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	16	2	208	5 682	176	359	3 986	15 215	13 809	29 138	1 622
3149	Other textile product mills .....	-	13	2	202	5 557	172	352	3 923	14 961	13 710	28 785	D
31491	Textile bag and canvas mills ...	-	7	1	110	3 001	101	216	2 603	8 978	7 240	16 527	D
314912	Canvas and related product mills .....	-	7	1	110	3 001	101	216	2 603	8 978	7 240	16 527	D
321	Wood product manufacturing .....	-	26	11	1 805	45 208	1 647	3 100	37 827	118 132	139 834	257 912	3 442
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	11	7	f	D	D	D	D	D	D	D	2 087
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	11	7	f	D	D	D	D	D	D	D	2 087
321214	Truss manufacturing .....	-	8	5	275	6 673	212	370	4 269	8 909	11 815	20 727	D
321219	Reconstituted wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	15	4	f	D	D	D	D	D	D	D	1 355
32191	Millwork .....	-	5	3	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	5	3	f	D	D	D	D	D	D	D	D

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>NORTH DAKOTA—Con.</b>													
322	Paper manufacturing .....	—	3	2	c	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	3	2	c	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	2	2	c	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	—	2	2	c	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	77	14	f	D	D	D	D	D	D	D	1 810
3231	Printing and related support activities .....	1	77	14	f	D	D	D	D	D	D	D	1 810
32311	Printing .....	1	75	13	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	1	38	12	f	D	D	D	D	D	D	D	1 469
324	Petroleum and coal products manufacturing .....	4	4	2	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing .....	4	4	2	e	D	D	D	D	D	D	D	D
32411	Petroleum refineries .....	4	2	2	e	D	D	D	D	D	D	D	D
324110	Petroleum refineries .....	4	2	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	2	13	1	105	3 897	81	164	2 564	39 380	11 035	50 211	2 837
326	Plastics and rubber products manufacturing .....	—	25	10	844	24 502	701	1 351	18 020	75 110	70 809	143 700	D
3261	Plastics product manufacturing ..	—	21	10	808	23 275	686	1 319	17 506	72 251	66 795	137 088	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	1	15	5	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	1	14	5	412	13 040	355	632	10 262	34 822	22 251	57 038	2 248
327	Nonmetallic mineral product manufacturing .....	1	50	9	864	25 738	746	1 417	19 875	68 667	65 090	132 912	11 393
3272	Glass and glass product manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	—	3	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	1	39	7	506	16 741	429	744	12 666	39 249	39 555	79 517	D
32732	Ready-mix concrete manufacturing .....	1	28	2	197	8 152	167	318	5 685	17 942	27 059	45 008	697
327320	Ready-mix concrete manufacturing .....	1	28	2	197	8 152	167	318	5 685	17 942	27 059	45 008	697
32733	Concrete pipe, brick, and block manufacturing .....	—	5	3	c	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing .....	—	4	3	c	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing .....	1	6	2	c	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing .....	1	6	2	c	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	3	3	133	3 263	118	267	2 672	5 343	4 299	9 475	D
332	Fabricated metal product manufacturing .....	4	104	21	1 681	56 055	1 221	2 437	34 649	115 507	131 252	243 938	13 047
3322	Cutlery and handtool manufacturing .....	—	5	2	101	3 707	63	129	1 818	10 968	9 981	18 748	223
33221	Cutlery and handtool manufacturing .....	—	5	2	101	3 707	63	129	1 818	10 968	9 981	18 748	223
3323	Architectural and structural metals manufacturing .....	3	31	12	962	32 966	696	1 433	19 994	64 266	90 617	154 390	8 560
33231	Plate work and fabricated structural product manufacturing .....	4	15	10	781	27 513	564	1 174	16 658	55 422	78 245	133 191	D
332311	Prefabricated metal building and component manufacturing .....	4	3	2	c	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	6	9	6	427	15 939	305	654	9 420	26 521	44 084	70 496	D
332313	Plate work manufacturing ..	—	3	2	c	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	—	16	2	181	5 453	132	259	3 336	8 844	12 372	21 199	D
332321	Metal window and door manufacturing .....	—	4	2	114	3 495	88	196	2 148	4 190	9 441	13 609	780

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)				
<b>NORTH DAKOTA—Con.</b>												
332	Fabricated metal product manufacturing—Con.											
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	5	43	5	e	D	D	D	D	D	D	D
33271	Machine shops .....	3	42	4	271	8 450	207	361	5 607	16 652	8 988	25 567
332710	Machine shops .....	3	42	4	271	8 450	207	361	5 607	16 652	8 988	25 567
333	Machinery manufacturing .....	—	85	26	4 639	181 557	3 207	6 208	103 601	765 311	787 616	1 555 280
3331	Agriculture, construction, and mining machinery manufacturing .....	—	58	22	h	D	D	D	D	D	D	29 110
33311	Agricultural implement manufacturing .....	—	46	15	g	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	45	15	1 823	62 182	1 254	2 398	32 061	232 306	309 825	547 989
33312	Construction machinery manufacturing .....	—	9	7	g	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	—	9	7	g	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	6	8	2	c	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	5	5	2	c	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing .....	6	3	2	c	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	3	1	c	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	3	1	c	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing .....	—	1	1	c	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	11	7	1 709	63 649	1 003	2 175	31 651	263 713	181 008	448 026
3344	Semiconductor and other electronic component manufacturing .....	—	7	6	g	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	7	6	g	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	—	4	4	f	D	D	D	D	D	D	3 009
334419	Other electronic component manufacturing .....	—	2	1	c	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	—	2	1	f	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	2	1	f	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing .....	—	1	1	f	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	3	7	1	c	D	D	D	D	D	D	243
336	Transportation equipment manufacturing .....	7	36	16	2 396	70 141	1 539	2 510	42 766	197 352	429 003	656 259
3361	Motor vehicle manufacturing .....	9	1	1	f	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	9	1	1	f	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	9	1	1	f	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	1	11	3	e	D	D	D	D	D	D	654
33621	Motor vehicle body and trailer manufacturing .....	1	11	3	e	D	D	D	D	D	D	654
336211	Motor vehicle body manufacturing .....	2	6	1	247	4 866	122	237	3 309	8 652	19 033	27 567
336212	Truck trailer manufacturing ..	1	3	1	105	3 992	83	175	2 859	8 033	9 778	18 213
336212	Truck trailer manufacturing ..	1	3	1	105	3 992	83	175	2 859	8 033	9 778	18 213
3363	Motor vehicle parts manufacturing .....	1	14	7	f	D	D	D	D	D	D	583
33632	Motor vehicle electrical and electronic equipment manufacturing .....	—	7	6	f	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	—	7	6	f	D	D	D	D	D	D	D

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>NORTH DAKOTA—Con.</b>													
336	Transportation equipment manufacturing—Con.												
3369	Other transportation equipment manufacturing .....	—	5	3	e	D	D	D	D	D	D	2 230	
33699	Other transportation equipment manufacturing .....	—	5	3	e	D	D	D	D	D	D	2 230	
336999	All other transportation equipment manufacturing ..	—	4	2	e	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing .....	2	65	11	1 187	30 128	858	1 703	18 133	70 266	42 305	112 826	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	53	7	f	D	D	D	D	D	D	D	1 449
33711	Wood kitchen cabinet and countertop manufacturing ....	1	35	4	273	7 275	185	333	4 126	25 890	7 900	33 814	1 144
337110	Wood kitchen cabinet and countertop manufacturing ..	1	35	4	273	7 275	185	333	4 126	25 890	7 900	33 814	1 144
33712	Household and institutional furniture manufacturing .....	4	18	3	e	D	D	D	D	D	D	D	305
337122	Nonupholstered wood household furniture manufacturing .....	2	10	1	243	3 592	217	509	3 002	5 899	2 753	8 823	42
3372	Office furniture (including fixtures) manufacturing .....	1	11	3	481	14 718	317	610	7 975	27 743	21 707	49 530	D
33721	Office furniture (including fixtures) manufacturing .....	1	11	3	481	14 718	317	610	7 975	27 743	21 707	49 530	D
337212	Custom architectural woodwork and millwork manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	1	58	13	897	23 911	665	1 259	13 005	38 996	25 380	66 699	D
3391	Medical equipment and supplies manufacturing .....	1	18	5	c	D	D	D	D	D	D	D	661
33911	Medical equipment and supplies manufacturing .....	1	18	5	c	D	D	D	D	D	D	D	661
339116	Dental laboratories .....	2	14	3	c	D	D	D	D	D	D	D	565
3399	Other miscellaneous manufacturing .....	—	40	8	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing .....	—	14	5	404	10 939	274	479	4 043	19 685	13 766	34 302	1 870
339950	Sign manufacturing .....	—	14	5	404	10 939	274	479	4 043	19 685	13 766	34 302	1 870
33999	All other miscellaneous manufacturing .....	1	12	2	c	D	D	D	D	D	D	D	822
339999	All other miscellaneous manufacturing .....	1	10	2	c	D	D	D	D	D	D	D	D

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 100 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 100 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: c–100 to 249 employees; e–250 to 499 employees; f–500 to 999 employees; g–1,000 to 2,499 employees; h–2,500 to 4,999 employees; i–5,000 to 9,999 employees; j–10,000 to 24,999 employees; k–25,000 to 49,999 employees; l–50,000 to 99,999 employees; m–100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>FARGO-WAHPETON, ND-MN COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	262	89	10 240	334 705	7 577	14 906	207 195	1 060 974	1 293 017	2 387 095	68 152
311	Food manufacturing .....	-	38	17	g	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling .....	-	7	6	f	D	D	D	D	D	D	D	D
31121	Flour milling and malt manufacturing .....	-	4	3	e	D	D	D	D	D	D	D	D
311211	Flour milling .....	-	3	2	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
311313	Beet sugar manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	13	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	10	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	6	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	15	9	g	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	7	6	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	7	6	f	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	8	3	e	D	D	D	D	D	D	D	D
32191	Millwork .....	-	3	2	e	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	-	28	7	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	-	28	7	e	D	D	D	D	D	D	D	D
32311	Printing .....	-	28	7	e	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	-	13	6	386	11 184	285	447	7 097	21 155	12 045	33 214	731
326	Plastics and rubber products manufacturing .....	1	12	6	587	18 380	468	906	12 794	51 833	58 423	108 146	2 445
3261	Plastics product manufacturing ..	-	10	6	f	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	11	3	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	2	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	4	42	13	g	D	D	D	D	D	D	D	8 227
3323	Architectural and structural metals manufacturing .....	3	15	7	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing .....	4	7	6	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	6	5	4	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	29	11	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	17	8	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	-	13	5	g	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	13	5	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>FARGO-WAHPETON, ND-MN COMBINED STATISTICAL AREA—Con.</b>													
334	Computer and electronic product manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	-	1	1	f	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	1	15	6	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	1	6	3	e	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	3	27	4	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	23	4	e	D	D	D	D	D	D	D	D
<b>Fargo, ND-MN Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	226	77	8 122	257 003	5 868	11 221	150 182	709 502	948 960	1 671 416	44 043
311	Food manufacturing .....	1	30	14	1 599	49 135	1 123	2 300	32 280	178 566	287 798	451 440	10 219
3112	Grain and oilseed milling .....	-	5	5	427	12 885	306	564	7 103	35 193	112 370	143 885	3 313
31121	Flour milling and malt manufacturing .....	-	3	3	e	D	D	D	D	D	D	D	D
311211	Flour milling .....	-	2	2	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
31131	Sugar manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
311313	Beet sugar manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	11	3	331	9 485	149	309	4 370	25 135	10 119	35 254	D
31181	Bread and bakery product manufacturing .....	-	8	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	6	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	11	6	612	14 994	545	960	11 829	52 120	68 976	120 953	1 100
3219	Other wood product manufacturing .....	-	8	3	e	D	D	D	D	D	D	D	D
32191	Millwork .....	-	3	2	e	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	-	26	7	468	13 121	344	553	8 263	24 707	14 123	38 776	839
3231	Printing and related support activities .....	-	26	7	468	13 121	344	553	8 263	24 707	14 123	38 776	839
32311	Printing .....	-	26	7	468	13 121	344	553	8 263	24 707	14 123	38 776	839
323110	Commercial lithographic printing .....	-	13	6	386	11 184	285	447	7 097	21 155	12 045	33 214	731
326	Plastics and rubber products manufacturing .....	1	12	6	587	18 380	468	906	12 794	51 833	58 423	108 146	2 445
3261	Plastics product manufacturing ..	-	10	6	f	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>FARGO-WAHPETON, ND-MN COMBINED STATISTICAL AREA—Con.</b>													
<b>Fargo, ND-MN Metropolitan Statistical Area—Con.</b>													
327	Nonmetallic mineral product manufacturing .....	-	10	3	409	10 534	373	740	9 024	33 649	37 964	70 211	D
3272	Glass and glass product manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	2	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	3	34	11	916	32 039	688	1 408	20 531	62 235	82 439	144 711	7 854
3323	Architectural and structural metals manufacturing .....	3	14	7	669	23 574	502	1 067	15 029	43 507	69 677	113 055	7 185
33231	Plate work and fabricated structural product manufacturing .....	4	7	6	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	6	5	4	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	23	9	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	14	6	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	-	10	3	973	33 884	673	1 255	16 774	144 185	243 292	398 865	4 491
333111	Farm machinery and equipment manufacturing ..	-	10	3	973	33 884	673	1 255	16 774	144 185	243 292	398 865	4 491
334	Computer and electronic product manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	13	6	721	22 735	514	931	11 673	38 281	48 014	105 786	2 638
3363	Motor vehicle parts manufacturing .....	1	6	3	e	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	3	26	4	350	9 166	240	402	5 329	18 665	14 584	33 237	677
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	22	4	295	7 794	196	342	4 502	15 740	12 483	28 223	D
<b>Wahpeton, ND-MN Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	-	36	12	2 118	77 702	1 709	3 685	57 013	351 472	344 057	715 679	24 109
311	Food manufacturing .....	-	8	3	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
31131	Sugar manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
311313	Beet sugar manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing ....	-	4	3	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>FARGO-WAHPETON, ND-MN COMBINED STATISTICAL AREA—Con.</b>													
<b>Wahpeton, ND-MN Micropolitan Statistical Area—Con.</b>													
334	Computer and electronic product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	—	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	1	1	f	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>BISMARCK, ND METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	3	99	21	2 508	98 930	1 934	3 473	67 363	400 231	1 159 407	1 615 467	29 921
311	Food manufacturing .....	—	12	5	477	13 102	358	574	7 222	73 567	52 944	126 904	2 171
3116	Animal slaughtering and processing .....	—	2	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	2	1	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	—	1	1	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing .....	4	2	2	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing .....	4	2	2	e	D	D	D	D	D	D	D	D
32411	Petroleum refineries .....	4	2	2	e	D	D	D	D	D	D	D	D
324110	Petroleum refineries .....	4	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	6	1	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	—	4	1	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
<b>DICKINSON, ND MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	35	5	928	26 218	556	1 099	14 984	55 950	45 348	101 399	5 578
311	Food manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	—	6	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GRAND FORKS, ND-MN METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	93	28	3 288	96 407	2 641	4 898	68 722	393 448	399 812	817 182	22 311
311	Food manufacturing .....	2	18	6	1 518	47 234	1 336	2 451	37 288	263 649	250 519	528 329	9 122
3113	Sugar and confectionery product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
311313	Beet sugar manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	8	6	3	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	9	2	1	f	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	9	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	1	11	4	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	1	7	4	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	—	8	2	280	4 368	247	578	3 431	8 706	4 545	13 415	667
<b>JAMESTOWN, ND MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	24	8	1 008	28 490	695	1 377	14 087	72 541	78 705	150 355	D
311	Food manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
<b>MINOT, ND MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	52	15	629	18 377	460	883	11 146	62 093	181 468	242 620	2 294

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 250 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 250 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: e–250 to 499 employees; f–500 to 999 employees; g–1,000 to 2,499 employees; h–2,500 to 4,999 employees; i–5,000 to 9,999 employees; j–10,000 to 24,999 employees; k–25,000 to 49,999 employees; l–50,000 to 99,999 employees; m–100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Industry Statistics for Counties: 2002**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BURLEIGH</b>													
31-33	Manufacturing .....	-	64	11	1 343	48 705	1 038	1 835	33 810	176 724	164 557	342 137	7 920
333	Machinery manufacturing .....	-	4	1	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>CASS</b>													
31-33	Manufacturing .....	1	186	70	7 377	229 508	5 267	10 138	130 566	617 756	804 837	1 445 833	38 212
311	Food manufacturing .....	1	22	12	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	8	5	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	11	5	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	9	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	3	28	10	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	3	13	7	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing .....	4	7	6	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	20	8	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	13	6	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	-	9	3	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	9	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	12	6	f	D	D	D	D	D	D	D	2 638
<b>GRAND FORKS</b>													
31-33	Manufacturing .....	5	56	17	1 765	44 948	1 452	2 781	32 121	157 672	88 010	249 179	14 065
311	Food manufacturing .....	8	11	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	8	4	2	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	9	2	1	f	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	9	1	1	f	D	D	D	D	D	D	D	D
<b>MORTON</b>													
31-33	Manufacturing .....	4	35	10	1 165	50 225	896	1 638	33 553	223 507	994 850	1 273 330	22 001
<b>PEMBINA</b>													
31-33	Manufacturing .....	7	13	3	1 281	41 679	817	1 275	28 892	183 919	456 377	643 689	12 455
336	Transportation equipment manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>RICHLAND</b>													
31-33	Manufacturing .....	-	33	12	2 114	77 609	1 706	3 681	56 958	351 285	343 839	715 274	D
321	Wood product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media .....	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media .....	-	1	1	f	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>SARGENT</b>													
31-33	Manufacturing .....	-	7	3	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>STARK</b>													
31-33	Manufacturing .....	1	35	5	928	26 218	556	1 099	14 984	55 950	45 348	101 399	5 578
<b>STUTSMAN</b>													
31-33	Manufacturing .....	1	24	8	1 008	28 490	695	1 377	14 087	72 541	78 705	150 355	D
<b>WALSH</b>													
31-33	Manufacturing .....	1	9	2	623	15 893	580	1 108	13 875	40 937	52 514	93 795	2 026
321	Wood product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32191	Millwork .....	-	1	1	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>WARD</b>													
31-33	Manufacturing .....	2	44	13	f	D	D	D	D	D	D	D	D

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 500 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 500 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: f—500 to 999 employees; g—1,000 to 2,499 employees; h—2,500 to 4,999 employees; i—5,000 to 9,999 employees; j—10,000 to 24,999 employees; k—25,000 to 49,999 employees; l—50,000 to 99,999 employees; m—100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 4. Industry Statistics for Places: 2002**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BISMARCK</b>													
31-33	Manufacturing .....	-	59	9	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	4	1	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>FARGO</b>													
31-33	Manufacturing .....	-	132	51	5 722	174 636	4 052	7 602	98 220	469 760	596 805	1 093 807	26 286
311	Food manufacturing .....	-	13	7	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	9	5	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	7	5	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	10	4	846	29 373	610	1 082	17 015	135 651	236 675	382 273	4 356
3331	Agriculture, construction, and mining machinery manufacturing .....	-	7	3	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	6	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	1	9	4	600	18 218	429	751	8 764	29 186	37 660	85 977	2 542
<b>GRAFTON</b>													
31-33	Manufacturing .....	-	4	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32191	Millwork .....	-	1	1	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>GRAND FORKS</b>													
31-33	Manufacturing .....	5	47	13	1 590	40 445	1 332	2 532	29 423	147 553	82 582	233 258	D
311	Food manufacturing .....	8	9	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	8	3	2	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	9	2	1	f	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	9	1	1	f	D	D	D	D	D	D	D	D
<b>JAMESTOWN</b>													
31-33	Manufacturing .....	1	20	7	f	D	D	D	D	D	D	D	D
<b>MANDAN</b>													
31-33	Manufacturing .....	1	25	7	f	D	D	D	D	D	D	D	D
<b>WAHPETON</b>													
31-33	Manufacturing .....	-	16	6	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing ....	-	3	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	-	1	1	f	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>WEST FARGO</b>													
31-33	Manufacturing .....	1	40	16	1 314	44 880	989	2 018	26 871	114 128	172 292	282 962	D

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E1	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>BALANCE OF MORTON COUNTY</b>													
31-33	Manufacturing .....	4	10	3	f	D	D	D	D	D	D	D	
<b>BALANCE OF PEMBINA COUNTY</b>													
31-33	Manufacturing .....	7	13	3	1 281	41 679	817	1 275	28 892	183 919	456 377	643 689	12 455
336	Transportation equipment manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF RICHLAND COUNTY</b>													
31-33	Manufacturing .....	-	17	6	f	D	D	D	D	D	D	D	D
<b>BALANCE OF SARGENT COUNTY</b>													
31-33	Manufacturing .....	-	7	3	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1-10 to 19 percent; 2-20 to 29 percent; 3-30 to 39 percent; 4-40 to 49 percent; 5-50 to 59 percent; 6-60 to 69 percent; 7-70 to 79 percent; 8-80 to 89 percent; 9-90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 500 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 500 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: f-500 to 999 employees; g-1,000 to 2,499 employees; h-2,500 to 4,999 employees; i-5,000 to 9,999 employees; j-10,000 to 24,999 employees; k-25,000 to 49,999 employees; l-50,000 to 99,999 employees; m-100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 5. Detailed Statistics for the State: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>NORTH DAKOTA</b>	
Companies <sup>1</sup> .....	N
All establishments <sup>2</sup> .....	724
Establishments with 1 to 19 employees .....	530
Establishments with 20 to 99 employees .....	142
Establishments with 100 employees or more .....	52
All employees <sup>3</sup> .....	23 370
Total compensation .....	\$1,000.. 956 554
Annual payroll .....	\$1,000.. 757 012
Total fringe benefits .....	\$1,000.. 199 542
Production workers, average for year .....	number.. 17 017
Production workers on March 12 .....	number.. 16 972
Production workers on May 12 .....	number.. 16 764
Production workers on August 12 .....	number.. 17 126
Production workers on November 12 .....	number.. 17 153
Production worker hours .....	1,000.. 32 794
Production worker wages .....	\$1,000.. 473 516
Total cost of materials .....	\$1,000.. 4 082 080
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 3 821 858
Resales .....	\$1,000.. 132 579
Purchased fuels .....	\$1,000.. 55 321
Purchased electricity .....	\$1,000.. 50 131
Contract work .....	\$1,000.. 22 191
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 1 199 707
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. D
Total value of shipments .....	\$1,000.. 6 856 653
Value of resales .....	\$1,000.. 161 564
Value added .....	\$1,000.. 2 679 559
Total inventories, beginning of year .....	\$1,000.. 715 777
Finished goods inventories .....	\$1,000.. 346 156
Work-in-process inventories .....	\$1,000.. 91 922
Materials and supplies inventories .....	\$1,000.. 277 699
Total inventories, end of year .....	\$1,000.. 604 094
Finished goods inventories .....	\$1,000.. 271 463
Work-in-process inventories .....	\$1,000.. 74 403
Materials and supplies inventories .....	\$1,000.. 258 228
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 2 847 002
Total capital expenditures (new and used) .....	\$1,000.. 201 839
Buildings and other structures (new and used) .....	\$1,000.. 34 036
Machinery and equipment (new and used) .....	\$1,000.. 167 803
Automobiles, trucks, etc., for highway use .....	\$1,000.. 6 941
Computers and peripheral data processing equipment .....	\$1,000.. 8 636
All other expenditures for machinery and equipment .....	\$1,000.. 152 226
Total retirements .....	\$1,000.. 113 168
Gross value of depreciable assets at end of year .....	\$1,000.. 2 935 673
Depreciation charges during year .....	\$1,000.. 170 648
Total rental payments .....	\$1,000.. 85 807
Buildings and other structures .....	\$1,000.. 56 447
Machinery and equipment .....	\$1,000.. 29 360

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.