

North Dakota: 2002

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2002 Economic Census

Construction

Geographic Area Series



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Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Employment Statistics for Establishments by State: 2002

[Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

NAICS code	Industry	Number of establishments	Number of employees		Number of construction workers in				Payroll (thousand dollars)		Relative standard error of estimate (percent) for column—
			Total	Construction workers	March	May	August	November	Total	Construction workers	
			A	B	C	D	E	F	G	H	
NORTH DAKOTA											
23	Construction	2 021	16 864	13 022	11 145	13 262	14 669	13 010	516 797	373 748	2
236	Construction of buildings	586	3 906	2 945	2 693	2 966	3 187	2 931	112 347	72 493	4
2361	Residential building construction ..	406	1 691	1 208	1 121	1 240	1 338	1 133	40 837	22 954	9
23611	Residential building construction ..	406	1 691	1 208	1 121	1 240	1 338	1 133	40 837	22 954	9
236115	New single-family housing construction (except operative builders)	115	702	539	518	540	624	472	16 878	9 223	12
236116	New multifamily housing construction (except operative builders)	²⁰	129	96	82	92	115	94	3 512	2 186	22
236117	New housing operative builders	58	314	200	171	201	222	204	8 984	4 226	23
236118	Residential remodelers	214	545	374	350	407	376	363	11 462	7 319	19
2362	Nonresidential building construction	180	2 216	1 737	1 573	1 727	1 849	1 798	71 510	49 539	3
23621	Industrial building construction ..	¹⁶	380	316	300	314	299	349	13 991	10 179	9
236210	Industrial building construction ..	¹⁶	380	316	300	314	299	349	13 991	10 179	9
23622	Commercial and institutional building construction	164	1 836	1 421	1 272	1 412	1 550	1 450	57 520	39 360	4
236220	Commercial and institutional building construction	164	1 836	1 421	1 272	1 412	1 550	1 450	57 520	39 360	4
237	Heavy and civil engineering construction	182	2 810	2 229	1 654	2 079	2 903	2 281	117 677	85 802	3
2371	Utility system construction	72	809	657	590	725	721	592	D	D	6
23711	Water and sewer line and related structures construction	54	392	310	302	321	335	281	D	D	11
237110	Water and sewer line and related structures construction	54	392	310	302	321	335	281	D	D	11
23712	Oil and gas pipeline and related structures construction	4	129	117	103	152	127	85	3 698	3 174	—
237120	Oil and gas pipeline and related structures construction	4	129	117	103	152	127	85	3 698	3 174	—
23713	Power and communication line and related structures construction	14	288	231	186	252	259	226	9 651	7 299	7
237130	Power and communication line and related structures construction	14	288	231	186	252	259	226	9 651	7 299	7
2372	Land subdivision	¹⁵	99	35	36	30	37	36	D	D	38
23721	Land subdivision	¹⁵	99	35	36	30	37	36	D	D	38
237210	Land subdivision	¹⁵	99	35	36	30	37	36	D	D	38
2373	Highway, street, and bridge construction	67	1 685	1 372	911	1 179	1 942	1 458	81 824	61 226	2
23731	Highway, street, and bridge construction	67	1 685	1 372	911	1 179	1 942	1 458	81 824	61 226	2
237310	Highway, street, and bridge construction	67	1 685	1 372	911	1 179	1 942	1 458	81 824	61 226	2
2379	Other heavy and civil engineering construction	²⁸	217	165	117	145	203	194	D	D	32
23799	Other heavy and civil engineering construction	²⁸	217	165	117	145	203	194	D	D	32
237990	Other heavy and civil engineering construction	²⁸	217	165	117	145	203	194	D	D	32
238	Specialty trade contractors	1 253	10 147	7 848	6 798	8 217	8 579	7 798	286 773	215 453	3
2381	Foundation, structure, and building exterior contractors	360	3 391	2 728	2 261	2 859	3 094	2 698	72 748	53 936	5
23811	Poured concrete foundation and structure contractors	116	967	794	606	848	950	771	28 896	23 295	11
238110	Poured concrete foundation and structure contractors ..	116	967	794	606	848	950	771	28 896	23 295	11
23812	Structural steel and precast concrete contractors	¹⁷	92	71	⁷⁵	63	78	71	2 704	¹ 997	31
238120	Structural steel and precast concrete contractors	¹⁷	92	71	⁷⁵	63	78	71	2 704	¹ 997	31
23813	Framing contractors	²⁷	195	164	143	167	175	169	5 255	4 008	19
238130	Framing contractors	²⁷	195	164	143	167	175	169	5 255	4 008	19
23814	Masonry contractors	⁶⁷	432	396	305	414	485	381	7 888	6 911	15
238140	Masonry contractors	⁶⁷	432	396	305	414	485	381	7 888	6 911	15
23815	Glass and glazing contractors ..	⁹	52	37	D	D	37	41	1 638	1 032	9
238150	Glass and glazing contractors	⁹	52	37	D	D	37	41	1 638	1 032	9
23816	Roofing contractors	59	1 102	899	764	935	980	917	12 895	8 447	6
238160	Roofing contractors	59	1 102	899	764	935	980	917	12 895	8 447	6
23817	Siding contractors	⁴⁴	520	343	327	367	359	319	12 668	7 576	16
238170	Siding contractors	⁴⁴	520	343	327	367	359	319	12 668	7 576	16

See footnotes at end of table.

Table 1. Employment Statistics for Establishments by State: 2002—Con.

[Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

NAICS code	Industry	Number of establishments	Number of employees		Number of construction workers in				Payroll (thousand dollars)		Relative standard error of estimate (percent) for column—
			Total	Construction workers	March	May	August	November	Total	Construction workers	
			A	B	C	D	E	F	G	H	
NORTH DAKOTA—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2381	Foundation, structure, and building exterior contractors—Con.										
23819	Other foundation, structure, and building exterior contractors...	\$21	\$32	\$24	D	D	\$29	\$30	\$804	\$671	\$59
238190	Other foundation, structure, and building exterior contractors	\$21	\$32	\$24	D	D	\$29	\$30	\$804	\$671	\$59
2382	Building equipment contractors ...	477	4 313	3 261	3 014	3 448	3 380	3 200	147 326	112 278	4
23821	Electrical Contractors	148	1 516	1 110	1 008	1 091	1 219	1 122	47 135	37 293	8
238210	Electrical Contractors	148	1 516	1 110	1 008	1 091	1 219	1 122	47 135	37 293	8
23822	Plumbing, heating, and air-conditioning contractors	272	2 438	1 891	1 765	2 083	1 895	1 820	87 633	66 002	4
238220	Plumbing, heating, and air-conditioning contractors	272	2 438	1 891	1 765	2 083	1 895	1 820	87 633	66 002	4
23829	Other building equipment contractors	\$56	359	260	241	274	266	258	12 559	8 982	8
238290	Other building equipment contractors	\$56	359	260	241	274	266	258	12 559	8 982	8
2383	Building finishing contractors	292	1 329	1 021	834	1 092	1 127	1 031	29 134	22 012	14
23831	Drywall and insulation contractors	\$71	454	388	366	464	373	348	9 870	8 071	24
238310	Drywall and insulation contractors	\$71	454	388	366	464	373	348	9 870	8 071	24
23832	Painting and wall covering contractors	97	458	325	241	319	404	338	9 207	7 011	24
238320	Painting and wall covering contractors	97	458	325	241	319	404	338	9 207	7 011	24
23833	Flooring contractors	\$21	\$108	\$68	\$43	\$68	\$74	\$86	\$2 070	\$1 286	\$51
238330	Flooring contractors	\$21	\$108	\$68	\$43	\$68	\$74	\$86	\$2 070	\$1 286	\$51
23834	Tile and terrazzo contractors	—	—	—	—	—	—	—	—	—	—
238340	Tile and terrazzo contractors	—	—	—	—	—	—	—	—	—	—
23835	Finish carpentry contractors ...	99	274	208	149	209	243	231	6 964	4 672	30
238350	Finish carpentry contractors ..	99	274	208	149	209	243	231	6 964	4 672	30
23839	Other building finishing contractors	\$4	\$36	\$32	\$35	\$33	\$34	\$28	\$1 024	\$972	\$43
238390	Other building finishing contractors	\$4	\$36	\$32	\$35	\$33	\$34	\$28	\$1 024	\$972	\$43
2389	Other specialty trade contractors .	124	1 115	838	689	818	978	869	37 564	27 226	13
23891	Site preparation contractors	88	865	655	533	623	777	687	27 551	20 021	16
238910	Site preparation contractors ..	88	865	655	533	623	777	687	27 551	20 021	16
23899	All other specialty trade contractors	37	250	183	156	195	201	182	10 014	7 205	17
238990	All other specialty trade contractors	37	250	183	156	195	201	182	10 014	7 205	17

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 sampling errors and 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. General Statistics for Establishments by State: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

NAICS code	Industry	E ¹	Value of business done ²	Value of construction work ²	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Cost of construction work sub-contracted out to others	Total rental costs	Capital expenditures, except land	Gross book value of depreciable assets, end-of-year
NORTH DAKOTA											
23	Construction	-	2 338 220	2 313 075	1 871 080	1 150 677	745 547	441 995	41 323	55 536	619 639
236	Construction of buildings	1	653 925	647 773	403 004	209 274	199 883	244 768	7 362	8 234	89 807
2361	Residential building construction ..	2	249 937	248 629	166 471	78 969	88 810	82 158	1 875	2 908	27 701
23611	Residential building construction	2	249 937	248 629	166 471	78 969	88 810	82 158	1 875	2 908	27 701
236115	New single-family housing construction (except operative builders)	2	70 863	70 417	54 600	27 752	27 293	15 817	440	540	10 874
236116	New multifamily housing construction (except operative builders)	-	33 028	32 663	13 479	6 203	7 641	19 184	462	249	D
236117	New housing operative builders	2	86 929	86 582	52 458	19 577	33 227	34 124	539	1 419	5 901
236118	Residential remodelers	3	59 118	58 966	45 934	25 436	20 649	13 032	433	700	D
2362	Nonresidential building construction	-	403 988	399 144	236 533	130 305	111 073	162 610	5 487	5 326	62 107
23621	Industrial building construction ..	1	52 643	52 637	41 581	25 291	16 295	11 056	944	*366	12 061
236210	Industrial building construction	1	52 643	52 637	41 581	25 291	16 295	11 056	944	*366	12 061
23622	Commercial and institutional building construction	-	351 345	346 507	194 953	105 014	94 777	151 554	4 543	4 959	50 045
236220	Commercial and institutional building construction	-	351 345	346 507	194 953	105 014	94 777	151 554	4 543	4 959	50 045
237	Heavy and civil engineering construction	-	570 090	561 836	462 034	287 851	182 436	99 802	12 094	22 628	297 740
2371	Utility system construction	-	124 791	124 431	105 630	62 503	43 486	18 801	D	D	43 226
23711	Water and sewer line and related structures construction	1	67 619	67 535	57 699	26 623	31 160	9 836	2 037	2 110	23 065
237110	Water and sewer line and related structures construction	1	67 619	67 535	57 699	26 623	31 160	9 836	2 037	2 110	23 065
23712	Oil and gas pipeline and related structures construction	-	16 016	16 016	D	D	2 337	D	D	D	3 455
237120	Oil and gas pipeline and related structures construction	-	16 016	16 016	D	D	2 337	D	D	D	3 455
23713	Power and communication line and related structures construction	-	41 156	40 880	D	D	9 989	D	D	D	16 706
237130	Power and communication line and related structures construction	-	41 156	40 880	D	D	9 989	D	D	D	16 706
2372	Land subdivision	7	9 303	8 339	7 013	6 916	1 061	1 326	D	100	D
23721	Land subdivision	7	9 303	8 339	7 013	6 916	1 061	1 326	D	100	D
237210	Land subdivision	7	9 303	8 339	7 013	6 916	1 061	1 326	D	100	D
2373	Highway, street, and bridge construction	-	409 102	402 172	324 840	201 861	129 908	77 333	8 231	16 499	230 809
23731	Highway, street, and bridge construction	-	409 102	402 172	324 840	201 861	129 908	77 333	8 231	16 499	230 809
237310	Highway, street, and bridge construction	-	409 102	402 172	324 840	201 861	129 908	77 333	8 231	16 499	230 809
2379	Other heavy and civil engineering construction	-	26 893	26 893	24 552	16 571	7 981	2 341	D	D	D
23799	Other heavy and civil engineering construction	-	26 893	26 893	24 552	16 571	7 981	2 341	D	D	D
237990	Other heavy and civil engineering construction	-	26 893	26 893	24 552	16 571	7 981	2 341	D	D	D
238	Specialty trade contractors	1	1 114 205	1 103 467	1 006 042	653 552	363 228	97 425	21 868	24 674	232 092
2381	Foundation, structure, and building exterior contractors	-	361 267	355 780	339 033	236 894	107 626	16 747	6 951	8 017	63 511
23811	Poured concrete foundation and structure contractors	1	115 938	D	D	73 979	D	D	3 602	3 776	34 066
238110	Poured concrete foundation and structure contractors ..	1	115 938	D	D	73 979	D	D	3 602	3 776	34 066
23812	Structural steel and precast concrete contractors	-	10 621	D	D	4 083	D	D	*479	726	D
238120	Structural steel and precast concrete contractors	-	10 621	D	D	4 083	D	D	*479	726	D
23813	Framing contractors	-	16 857	16 857	14 119	10 334	3 785	2 738	181	584	3 191
238130	Framing contractors	-	16 857	16 857	14 119	10 334	3 785	2 738	181	584	3 191
23814	Masonry contractors	-	32 434	D	D	26 003	D	D	308	586	D
238140	Masonry contractors	-	32 434	D	D	26 003	D	D	308	586	D
23815	Glass and glazing contractors ..	-	7 931	D	7 454	3 416	D	D	269	D	D
238150	Glass and glazing contractors	-	7 931	D	7 454	3 416	D	D	269	D	D
23816	Roofing contractors	-	130 231	D	D	86 593	D	D	1 161	1 665	10 021
238160	Roofing contractors	-	130 231	D	D	86 593	D	D	1 161	1 665	10 021
23817	Siding contractors	-	45 501	D	40 639	31 401	D	D	835	603	D
238170	Siding contractors	-	45 501	D	40 639	31 401	D	D	835	603	D
23819	Other foundation, structure, and building exterior contractors ..	-	*1 755	D	*1 395	*1 085	D	D	116	D	*124
238190	Other foundation, structure, and building exterior contractors	-	*1 755	D	*1 395	*1 085	D	D	116	D	*124

See footnotes at end of table.

Table 2. General Statistics for Establishments by State: 2002—Con.

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

NAICS code	Industry	E ¹	Value of business done ²	Value of construction work ²	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Cost of construction work subcontracted out to others	Total rental costs	Capital expenditures, except land	Gross book value of depreciable assets, end-of-year
NORTH DAKOTA—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	—	472 066	469 424	430 125	256 101	176 666	39 299	7 358	7 075	79 360
23821	Electrical Contractors	1	143 169	D	D	78 124	D	D	D	2 180	25 211
238210	Electrical Contractors	1	143 169	D	D	78 124	D	D	D	2 180	25 211
23822	Plumbing, heating, and air-conditioning contractors	—	293 910	291 850	256 879	153 534	105 405	34 971	4 386	4 246	48 732
238220	Plumbing, heating, and air-conditioning contractors	—	293 910	291 850	256 879	153 534	105 405	34 971	4 386	4 246	48 732
23829	Other building equipment contractors	—	34 987	D	D	24 443	D	D	D	649	5 416
238290	Other building equipment contractors	—	34 987	D	D	24 443	D	D	D	649	5 416
2383	Building finishing contractors	3	118 621	116 943	107 322	73 566	35 435	9 621	2 253	2 995	23 942
23831	Drywall and insulation contractors	1	29 051	28 679	D	18 715	D	D	§437	D	4 017
238310	Drywall and insulation contractors	1	29 051	28 679	D	18 715	D	D	§437	D	4 017
23832	Painting and wall covering contractors	1	32 270	32 270	30 543	20 364	10 179	1 727	645	§1 130	§10 195
238320	Painting and wall covering contractors	1	32 270	32 270	30 543	20 364	10 179	1 727	645	§1 130	§10 195
23833	Flooring contractors	—	§8 847	§7 857	D	§4 320	D	D	§358	D	D
238330	Flooring contractors	—	§8 847	§7 857	D	§4 320	D	D	§358	D	D
23834	Tile and terrazzo contractors	—	—	—	—	—	—	—	—	—	—
238340	Tile and terrazzo contractors	—	—	—	—	—	—	—	—	—	—
23835	Finish carpentry contractors	6	§45 976	§45 658	§40 074	§28 708	§11 684	5 584	§761	§669	7 650
238350	Finish carpentry contractors	6	§45 976	§45 658	§40 074	§28 708	§11 684	5 584	§761	§669	7 650
23839	Other building finishing contractors	—	§2 478	§2 478	D	§1 459	D	D	§53	15	D
238390	Other building finishing contractors	—	§2 478	§2 478	D	§1 459	D	D	§53	15	D
2389	Other specialty trade contractors	—	162 250	161 320	129 562	86 991	43 501	31 758	5 307	6 587	65 278
23891	Site preparation contractors	1	128 348	D	100 026	71 074	D	D	4 911	6 260	59 769
238910	Site preparation contractors	1	128 348	D	100 026	71 074	D	D	4 911	6 260	59 769
23899	All other specialty trade contractors	—	33 903	D	29 536	15 917	D	D	396	327	5 510
238990	All other specialty trade contractors	—	33 903	D	29 536	15 917	D	D	396	327	5 510

¹Construction receipts were obtained from census respondent forms. Data for establishments whose respondent forms were not received at the time data were tabulated were calculated using industry averages and imputation for nonresponse. The following symbols are shown where estimated imputation-based data on construction receipts 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.

²For the 2002 Economic Census, the definitions of value of business done and value of construction work have been modified from the 1997 Economic Census definitions. See Appendix A for the modified definitions.

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 sampling errors and 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. Detailed Statistics for Establishments: 2002

[Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Item	Value	Relative standard error of estimate (percent)
NORTH DAKOTA		
All establishments number..	2 021	6
All employees number..	16 864	2
Construction workers in March number..	11 145	2
Construction workers in May number..	13 262	2
Construction workers in August number..	14 669	2
Construction workers in November number..	13 010	2
Average number of construction workers number..	13 022	2
Other employees in March number..	4 101	4
Other employees in May number..	3 666	3
Other employees in August number..	3 858	4
Other employees in November number..	3 747	4
Average number of other employees number..	3 843	3
Total payroll \$1,000..	516 797	2
Construction workers \$1,000..	373 748	2
Other employees \$1,000..	143 048	3
First-quarter payroll, all employees \$1,000..	98 058	2
Fringe benefits, all employees \$1,000..	120 190	1
Legally required expenditures \$1,000..	74 753	2
Voluntary expenditures \$1,000..	45 437	2
Value of business done ¹ \$1,000..	2 338 220	2
Value of construction work ¹ \$1,000..	2 313 075	2
Value of construction work on government owned projects \$1,000..	897 745	2
Value of construction work on federally owned projects \$1,000..	309 027	2
Value of construction work on state and locally owned projects \$1,000..	588 718	2
Value of construction work on privately owned projects \$1,000..	1 415 330	2
Other business receipts \$1,000..	25 144	5
Value of construction work subcontracted in from others \$1,000..	690 173	3
Net value of construction work \$1,000..	1 871 080	2
Value added \$1,000..	1 150 677	2
Selected costs \$1,000..	1 187 542	2
Materials, parts, and supplies \$1,000..	702 951	2
Construction work subcontracted out to others \$1,000..	441 995	3
Selected power, fuels, and lubricants \$1,000..	42 596	3
Purchased electricity \$1,000..	5 295	6
Natural gas and manufactured gas \$1,000..	2 714	5
Gasoline and diesel fuel \$1,000..	30 686	3
On-highway use of gasoline and diesel fuel \$1,000..	21 079	4
Off-highway use of gasoline and diesel fuel \$1,000..	9 608	5
All other fuels and lubricants \$1,000..	3 900	4
Total rental costs \$1,000..	41 323	3
Machinery and equipment \$1,000..	26 944	3
Buildings \$1,000..	14 379	5
Selected purchased services \$1,000..	82 287	4
Communication services \$1,000..	18 877	3
Repairs to buildings and other structures \$1,000..	9 288	5
Repairs to machinery and equipment \$1,000..	28 435	4
Legal services \$1,000..	6 336	17
Accounting, auditing, and bookkeeping services \$1,000..	9 867	15
Advertising and promotional services \$1,000..	9 485	12
Beginning-of-year gross book value of depreciable assets \$1,000..	582 169	3
Capital expenditures, other than land \$1,000..	55 536	4
Retirements and disposition of depreciable assets \$1,000..	18 066	9
End-of-year gross book value of depreciable assets \$1,000..	619 639	3
Depreciation charges during year \$1,000..	61 402	3
Establishments with inventories number..	578	—
Value of construction work for establishments with inventories \$1,000..	1 118 474	—
End-of-2002, inventories of materials and supplies \$1,000..	36 515	3
End-of-2001, inventories of materials and supplies \$1,000..	36 175	4
Establishments with no inventories number..	1 375	—
Value of construction work for establishments with no inventories \$1,000..	1 100 139	—
Establishments not reporting inventories number..	67	—
Value of construction work for establishments not reporting inventores \$1,000..	94 463	—

¹For the 2002 Economic Census, the definitions of value of business done and value of construction work have been modified from the 1997 Economic Census definitions. See Appendix A for the modified definitions.

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 sampling errors and 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. Selected Statistics for Establishments by Employment Size Class: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Employment size class	E ¹	Number of establishments	Total number of employees	Total payroll	Value of business done ²	Value of construction work ²	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Cost of construction work subcontracted out to others	Relative standard error of estimate (percent) for column—
	A	B	C	D	E	F	G	H	I	J	C
NORTH DAKOTA											
All establishments	—	2 021	16 864	516 797	2 338 220	2 313 075	1 871 080	1 150 677	745 547	441 995	2
Establishments with—											
1 to 4 employees	3	1 286	2 563	61 482	312 175	309 916	253 783	152 620	103 423	56 132	9
5 to 9 employees	2	323	D	D	D	D	D	D	D	D	S
10 to 19 employees	—	226	3 099	92 147	378 675	374 161	313 790	192 891	125 413	60 372	7
20 to 49 employees	—	130	3 666	120 904	495 766	489 725	389 979	224 325	171 694	99 746	3
50 to 99 employees	—	38	2 555	89 689	494 296	493 942	382 854	250 400	132 808	111 088	—
100 to 249 employees	—	16	2 220	78 154	285 718	276 639	223 345	146 455	85 969	53 294	—
250 to 499 employees	—	2	D	D	D	D	D	D	D	D	S
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 employees or more	—	—	—	—	—	—	—	—	—	—	—

¹Construction receipts were obtained from census respondent forms. Data for establishments whose respondent forms were not received at the time data were tabulated were calculated using industry averages and imputation for nonresponse. The following symbols are shown where estimated imputation-based data on construction receipts 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.

²For the 2002 Economic Census, the definitions of value of business done and value of construction work have been modified from the 1997 Economic Census definitions. See Appendix A for the modified definitions.

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 sampling errors and 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. Selected Statistics for Establishments by Dollar Value of Business Done Size Class: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Dollar value size class	E ¹	Number of establishments	Total number of employees	Total payroll	Value of business done ²	Value of construction work ²	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Cost of construction work subcontracted out to others	Relative standard error of estimate (percent) for column—
	A	B	C	D	E	F	G	H	I	J	G
NORTH DAKOTA											
All establishments	—	2 021	16 864	516 797	2 338 220	2 313 075	1 871 080	1 150 677	745 547	441 995	2
Establishments with value of business done—											
Less than \$25,000	4	S	S	14	64	64	54	37	17	10	—
\$25,000 to \$49,999	—	S	S	² 030	3 485	3 417	3 002	1 962	¹ 107	⁴ 15	39
\$50,000 to \$99,999	3	251	353	5 619	18 030	18 020	16 958	12 155	4 814	¹ 062	25
\$100,000 to \$249,999	3	560	1 346	23 318	90 715	90 157	78 507	50 294	28 772	¹ 650	15
\$250,000 to \$499,999	2	447	1 586	35 928	159 022	158 403	138 274	80 018	58 874	20 129	13
\$500,000 to \$999,999	1	244	1 827	48 725	169 650	167 290	148 335	94 728	55 966	18 955	10
\$1,000,000 to \$2,499,999	1	234	3 280	95 492	359 535	354 219	305 771	185 494	125 593	48 449	8
\$2,500,000 to \$4,999,999	—	99	2 423	81 166	339 630	335 614	279 718	175 252	108 482	55 896	3
\$5,000,000 to \$9,999,999	—	42	1 565	58 051	288 937	287 374	217 789	121 454	97 898	69 585	2
\$10,000,000 or more	—	43	4 384	166 454	909 152	898 517	682 672	429 283	264 024	215 845	—

¹Construction receipts were obtained from census respondent forms. Data for establishments whose respondent forms were not received at the time data were tabulated were calculated using industry averages and imputation for nonresponse. The following symbols are shown where estimated imputation-based data on construction receipts 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.

²For the 2002 Economic Census, the definitions of value of business done and value of construction work have been modified from the 1997 Economic Census definitions. See Appendix A for the modified definitions.

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 sampling errors and 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 6. Value of Construction Work for Establishments by Geographic Location of Construction Work: 2002

[Thousand dollars unless otherwise noted. This table presents selected statistics for establishments according to the geographic location of construction work. Data are not shown for those geographic locations in which construction work is relatively insignificant. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Geographic location of construction work	Value of construction work ¹	Relative standard error of estimate (percent)
NORTH DAKOTA		
Total	2 313 075	2
Construction work done in Colorado	17 607	—
Construction work done in Iowa	12 769	5
Construction work done in Minnesota	236 726	2
Construction work done in Montana	14 565	4
Construction work done in Nebraska	17 617	7
Construction work done in North Dakota	1 898 518	2
Construction work done in South Dakota	77 826	2

¹For the 2002 Economic Census, the definition of value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

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 sampling errors and 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 7. Value of Construction Work for Establishments by Type of Construction: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Type of construction	Value of construction work ¹				Relative standard error of estimate (percent) for column—			
	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair	A	B	C	D
	A	B	C	D	A	B	C	D
NORTH DAKOTA								
Total	2 313 075	1 259 481	724 649	328 945	2	2	2	3
Building construction, total	1 477 703	834 254	450 924	192 525	2	3	3	4
Single-family houses, detached and attached	494 299	268 877	150 397	75 026	6	8	6	8
Single-family houses, detached	402 932	207 259	130 649	65 023	7	9	7	9
Single-family houses, attached	91 368	61 618	19 747	10 002	9	11	14	19
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives	88 197	63 869	15 840	8 488	7	9	8	16
Manufacturing and industrial warehouses	66 111	38 177	18 999	8 935	6	8	6	13
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories	111 555	54 225	40 246	17 083	5	7	3	9
Hotels, motels, and tourist cabins	25 178	18 116	4 052	3 010	6	6	11	13
Office buildings	132 986	82 693	33 940	16 352	5	2	18	10
Stores, restaurants, and automobile service stations, and other commercial buildings	118 186	68 357	34 701	15 128	4	3	7	7
Commercial warehouses such as distribution buildings and mini-storage	44 175	33 309	6 756	4 110	4	4	8	13
Religious buildings	39 675	21 048	14 692	3 935	8	5	10	15
Educational buildings	130 546	65 165	53 779	11 603	4	3	6	7
Health care and institutional buildings	79 467	33 121	35 023	11 323	4	4	4	9
Public safety buildings such as prisons, police, and fire stations	27 202	15 910	9 378	1 914	2	3	4	4
Farm buildings, nonresidential (except grain elevators) ..	42 228	26 648	9 730	5 851	29	27	34	37
Other building construction	77 897	44 737	23 392	9 767	3	2	2	16
Nonbuilding construction, total	781 784	371 639	273 725	136 419	2	2	2	3
Highways, streets, and related work, such as installation of guardrails and signs	303 751	79 734	164 363	59 654	1	1	1	1
Airport runways and related work	23 066	2 145	19 033	1 888	16	20	19	6
Private driveways and parking areas	46 965	24 945	15 788	6 232	11	12	7	29
Bridges and elevated highways	52 257	38 728	12 879	651	3	—	12	4
Sewers, water mains, and related facilities	122 679	91 739	13 229	17 710	7	5	18	14
Sewers, sewer lines, septic systems, and related facilities	52 978	38 226	5 109	9 644	6	8	5	6
Water mains, storage, and related facilities	69 700	53 514	8 121	8 066	11	6	29	30
Power and communication transmission lines, cables, towers, and related facilities	48 015	D	D	D	11	S	S	S
Power plants	30 183	1 015	7 782	21 387	—	—	—	—
Sewage and water treatment plants	29 796	17 482	10 806	1 509	14	17	11	27
Other nonbuilding construction	125 071	D	D	D	4	S	S	S
Construction work, nsk	53 589	53 589	—	—	—	—	—	—

¹For the 2002 Economic Census, the definition of value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

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 sampling errors and 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 8. Value of Business Done for Establishments by Kind-of-Business Activity: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Primary and other kind of business activities	Value of business done ¹	Relative standard error of estimate (percent)
NORTH DAKOTA		
Total	2 338 220	2
Building construction, total	571 649	4
Building construction on land owned by you, for sale	58 283	17
Building construction on land owned by others	433 555	4
Remodeling contractor	79 811	10
Heavy construction and civil engineering construction, total	558 760	2
Highway and street general contractor	192 261	1
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways	115 298	1
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	143 784	2
Excavation work, earthmoving or land clearing contractor, not connected with buildings	107 416	8
Special trade contractors, total	671 127	5
Heating, ventilation and air-conditioning contractor (HVAC)	115 364	5
Mechanical contractor	59 314	—
Painting contractor	28 881	21
Electric power installation and service contractor, including lighting	101 167	8
Masonry contractor, brick, block, or stone (except brick paving)	27 666	9
Drywall contractor	19 739	24
Finish carpentry contractor	27 635	16
Roofing contractor, except sheet metal	84 692	5
Roofing contractor, sheet metal	44 882	2
Asphalt, concrete, and brick paving contractor, residential or commercial driveways and parking areas	26 589	16
Concrete Contractor (except paving or foundation)	74 676	10
Excavation work: earthmoving or land clearing contractor, connected with buildings	40 497	5
Millwright and machine rigging contractor	20 026	12
All other construction activities	458 294	6
Other business activities secondary to construction activities, total	24 791	5
All other business activities secondary to construction activities	24 791	5
Kind of business activity, nsk	53 600	26

¹For the 2002 Economic Census, the definition of value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

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 sampling errors and 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.