

Minnesota: 2002

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2002 Economic Census

Construction

Geographic Area Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

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



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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	
MINNESOTA											
23	Construction	16 952	148 430	109 689	99 361	109 410	119 011	110 975	5 840 385	4 028 313	2
236	Construction of buildings	4 954	35 952	22 708	21 589	22 890	24 101	22 254	1 405 149	752 250	3
2361	Residential building construction ..	4 190	19 778	11 869	11 233	12 084	12 594	11 565	663 960	315 586	5
23611	Residential building construction ..	4 190	19 778	11 869	11 233	12 084	12 594	11 565	663 960	315 586	5
236115	New single-family housing construction (except operative builders)	1 409	5 730	3 686	3 618	3 646	3 940	3 542	185 551	97 220	10
236116	New multifamily housing construction (except operative builders)	961	573	319	270	298	362	346	19 958	9 241	22
236117	New housing operative builders	743	5 906	3 026	3 032	3 109	3 066	2 898	238 185	89 660	9
236118	Residential remodelers	1 977	7 569	4 837	4 314	5 030	5 226	4 779	220 267	119 464	8
2362	Nonresidential building construction	764	16 174	10 839	10 355	10 806	11 506	10 690	741 190	436 664	3
23621	Industrial building construction ..	16	274	194	167	175	243	192	12 743	8 522	19
236210	Industrial building construction ..	16	274	194	167	175	243	192	12 743	8 522	19
23622	Commercial and institutional building construction	748	15 900	10 645	10 188	10 631	11 263	10 498	728 446	428 143	3
236220	Commercial and institutional building construction	748	15 900	10 645	10 188	10 631	11 263	10 498	728 446	428 143	3
237	Heavy and civil engineering construction	1 337	22 432	17 442	14 896	17 690	19 265	17 917	1 042 362	744 151	3
2371	Utility system construction	497	10 207	8 301	7 267	8 533	8 955	8 447	461 807	354 686	4
23711	Water and sewer line and related structures construction	316	4 986	3 966	3 615	4 065	4 186	3 996	214 473	162 951	6
237110	Water and sewer line and related structures construction	316	4 986	3 966	3 615	4 065	4 186	3 996	214 473	162 951	6
23712	Oil and gas pipeline and related structures construction	928	2 292	1 993	1 587	1 974	2 166	2 245	135 158	108 481	10
237120	Oil and gas pipeline and related structures construction	928	2 292	1 993	1 587	1 974	2 166	2 245	135 158	108 481	10
23713	Power and communication line and related structures construction	154	2 929	2 342	2 065	2 494	2 603	2 207	112 176	83 255	7
237130	Power and communication line and related structures construction	154	2 929	2 342	2 065	2 494	2 603	2 207	112 176	83 255	7
2372	Land subdivision	178	854	319	351	326	290	309	37 167	11 323	18
23721	Land subdivision	178	854	319	351	326	290	309	37 167	11 323	18
237210	Land subdivision	178	854	319	351	326	290	309	37 167	11 323	18
2373	Highway, street, and bridge construction	372	9 546	7 615	6 212	7 712	8 671	7 863	480 616	336 769	4
23731	Highway, street, and bridge construction	372	9 546	7 615	6 212	7 712	8 671	7 863	480 616	336 769	4
237310	Highway, street, and bridge construction	372	9 546	7 615	6 212	7 712	8 671	7 863	480 616	336 769	4
2379	Other heavy and civil engineering construction	289	1 825	1 208	1 066	1 119	1 350	1 298	62 771	41 373	19
23799	Other heavy and civil engineering construction	289	1 825	1 208	1 066	1 119	1 350	1 298	62 771	41 373	19
237990	Other heavy and civil engineering construction ..	289	1 825	1 208	1 066	1 119	1 350	1 298	62 771	41 373	19
238	Specialty trade contractors	10 661	90 046	69 539	62 877	68 830	75 645	70 803	3 392 874	2 531 911	2
2381	Foundation, structure, and building exterior contractors	3 008	23 977	19 420	16 969	18 858	21 803	20 051	790 984	592 874	5
23811	Poured concrete foundation and structure contractors	672	4 383	3 629	2 973	3 729	4 111	3 704	134 318	104 263	11
238110	Poured concrete foundation and structure contractors ..	672	4 383	3 629	2 973	3 729	4 111	3 704	134 318	104 263	11
23812	Structural steel and precast concrete contractors	25	1 639	1 414	1 349	1 395	1 491	1 422	75 469	55 705	2
238120	Structural steel and precast concrete contractors	25	1 639	1 414	1 349	1 395	1 491	1 422	75 469	55 705	2
23813	Framing contractors	644	4 325	3 658	3 231	3 580	3 898	3 921	135 396	106 282	9
238130	Framing contractors	644	4 325	3 658	3 231	3 580	3 898	3 921	135 396	106 282	9
23814	Masonry contractors	687	6 678	5 707	4 865	5 409	6 837	5 718	227 122	186 460	10
238140	Masonry contractors	687	6 678	5 707	4 865	5 409	6 837	5 718	227 122	186 460	10
23815	Glass and glazing contractors ..	100	830	536	642	480	501	523	33 688	21 576	23
238150	Glass and glazing contractors	100	830	536	642	480	501	523	33 688	21 576	23
23816	Roofing contractors	569	4 283	3 299	2 805	3 127	3 756	3 509	126 387	85 842	13
238160	Roofing contractors	569	4 283	3 299	2 805	3 127	3 756	3 509	126 387	85 842	13
23817	Siding contractors	299	1 568	965	886	936	995	1 045	49 296	26 300	12
238170	Siding contractors	299	1 568	965	886	936	995	1 045	49 296	26 300	12

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	
MINNESOTA—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...	13	273	211	217	203	213	209	9 308	6 445	—
238190	Other foundation, structure, and building exterior contractors	13	273	211	217	203	213	209	9 308	6 445	—
2382	Building equipment contractors ...	3 368	37 802	28 283	26 824	28 109	29 756	28 444	1 635 881	1 213 517	2
23821	Electrical Contractors	1 583	15 425	11 676	10 905	11 608	12 320	11 871	681 970	525 223	4
238210	Electrical Contractors	1 583	15 425	11 676	10 905	11 608	12 320	11 871	681 970	525 223	4
23822	Plumbing, heating, and air-conditioning contractors	1 635	19 963	14 694	14 116	14 668	15 426	14 567	838 879	599 935	3
238220	Plumbing, heating, and air-conditioning contractors	1 635	19 963	14 694	14 116	14 668	15 426	14 567	838 879	599 935	3
23829	Other building equipment contractors	150	2 414	1 913	1 803	1 833	2 011	2 005	115 032	88 359	9
238290	Other building equipment contractors	150	2 414	1 913	1 803	1 833	2 011	2 005	115 032	88 359	9
2383	Building finishing contractors	2 884	18 860	14 780	13 601	14 504	16 173	14 843	642 085	485 660	5
23831	Drywall and insulation contractors	643	6 797	5 658	5 578	5 198	6 123	5 733	265 854	208 628	9
238310	Drywall and insulation contractors	643	6 797	5 658	5 578	5 198	6 123	5 733	265 854	208 628	9
23832	Painting and wall covering contractors	903	4 431	3 477	2 802	3 710	4 079	3 314	137 437	106 571	10
238320	Painting and wall covering contractors	903	4 431	3 477	2 802	3 710	4 079	3 314	137 437	106 571	10
23833	Flooring contractors	328	1 636	1 131	978	1 098	1 194	1 253	54 647	37 351	9
238330	Flooring contractors	328	1 636	1 131	978	1 098	1 194	1 253	54 647	37 351	9
23834	Tile and terrazzo contractors	131	1 062	864	820	871	905	859	38 784	29 534	28
238340	Tile and terrazzo contractors	131	1 062	864	820	871	905	859	38 784	29 534	28
23835	Finish carpentry contractors ...	792	3 709	2 640	2 453	2 632	2 826	2 648	107 188	73 921	13
238350	Finish carpentry contractors ...	792	3 709	2 640	2 453	2 632	2 826	2 648	107 188	73 921	13
23839	Other building finishing contractors	87	1 226	1 011	969	994	1 046	1 035	38 176	29 656	22
238390	Other building finishing contractors	87	1 226	1 011	969	994	1 046	1 035	38 176	29 656	22
2389	Other specialty trade contractors .	1 400	9 406	7 055	5 483	7 360	7 913	7 466	323 923	239 860	7
23891	Site preparation contractors	780	5 753	4 444	3 614	4 570	4 825	4 766	230 520	175 123	7
238910	Site preparation contractors ..	780	5 753	4 444	3 614	4 570	4 825	4 766	230 520	175 123	7
23899	All other specialty trade contractors	620	3 654	2 612	1 869	2 789	3 089	2 700	93 404	64 738	15
238990	All other specialty trade contractors	620	3 654	2 612	1 869	2 789	3 089	2 700	93 404	64 738	15

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	E¹	Value of business done²	Value of construction work²	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
MINNESOTA											
23	Construction	1	29 296 756	28 926 697	20 283 617	12 608 748	8 044 928	8 643 080	411 792	554 078	4 487 748
236	Construction of buildings	1	12 953 626	12 798 174	6 345 935	3 638 325	2 863 061	6 452 239	74 783	97 542	644 452
2361	Residential building construction..	1	6 693 827	6 581 446	3 917 120	2 213 622	1 815 880	2 664 325	28 536	67 158	355 289
23611	Residential building construction	1	6 693 827	6 581 446	3 917 120	2 213 622	1 815 880	2 664 325	28 536	67 158	355 289
236115	New single-family housing construction (except operative builders)	2	1 389 835	1 384 067	905 483	499 352	411 900	478 584	7 831	17 947	96 589
236116	New multifamily housing construction (except operative builders)	-	276 638	245 049	65 037	38 403	58 223	180 013	405	³3 546	⁸ 581
236117	New housing operative builders	1	3 803 394	3 735 538	2 113 885	1 184 561	997 180	1 621 653	9 687	25 797	154 966
236118	Residential remodelers	1	1 223 960	1 216 792	832 716	491 307	348 577	384 076	10 613	19 867	95 153
2362	Nonresidential building construction	-	6 259 799	6 216 729	2 428 815	1 424 703	1 047 181	3 787 914	46 247	30 384	289 163
23621	Industrial building construction .	-	58 986	55 624	39 666	25 908	17 121	15 958	1 441	507	8 014
236210	Industrial building construction	-	58 986	55 624	39 666	25 908	17 121	15 958	1 441	507	8 014
23622	Commercial and institutional building construction	-	6 200 812	6 161 105	2 389 149	1 398 796	1 030 060	3 771 957	44 806	29 878	281 149
236220	Commercial and institutional building construction	-	6 200 812	6 161 105	2 389 149	1 398 796	1 030 060	3 771 957	44 806	29 878	281 149
237	Heavy and civil engineering construction	-	5 204 831	5 137 963	3 981 246	2 257 475	1 790 640	1 156 716	127 377	194 898	1 805 092
2371	Utility system construction	-	2 079 253	2 066 359	1 544 792	868 519	689 167	521 566	48 741	63 473	527 591
23711	Water and sewer line and related structures construction	-	1 115 253	1 107 426	786 124	447 044	346 906	321 303	31 508	35 605	318 395
237110	Water and sewer line and related structures construction	-	1 115 253	1 107 426	786 124	447 044	346 906	321 303	31 508	35 605	318 395
23712	Oil and gas pipeline and related structures construction	-	426 706	D	357 249	168 049	D	D	6 681	9 668	43 923
237120	Oil and gas pipeline and related structures construction	-	426 706	D	357 249	168 049	D	D	6 681	9 668	43 923
23713	Power and communication line and related structures construction	-	537 294	D	401 420	253 426	D	D	10 553	18 200	165 273
237130	Power and communication line and related structures construction	-	537 294	D	401 420	253 426	D	D	10 553	18 200	165 273
2372	Land subdivision	1	363 932	359 316	*267 195	*240 882	30 930	92 121	1 749	9 456	32 414
23721	Land subdivision	1	363 932	359 316	*267 195	*240 882	30 930	92 121	1 749	9 456	32 414
237210	Land subdivision	1	363 932	359 316	*267 195	*240 882	30 930	92 121	1 749	9 456	32 414
2373	Highway, street, and bridge construction	-	2 463 744	2 415 882	1 885 543	938 712	994 694	530 339	69 516	99 303	1 017 347
23731	Highway, street, and bridge construction	-	2 463 744	2 415 882	1 885 543	938 712	994 694	530 339	69 516	99 303	1 017 347
237310	Highway, street, and bridge construction	-	2 463 744	2 415 882	1 885 543	938 712	994 694	530 339	69 516	99 303	1 017 347
2379	Other heavy and civil engineering construction	1	297 901	296 406	283 716	209 362	75 849	12 690	7 370	22 666	227 740
23799	Other heavy and civil engineering construction	1	297 901	296 406	283 716	209 362	75 849	12 690	7 370	22 666	227 740
237990	Other heavy and civil engineering construction	1	297 901	296 406	283 716	209 362	75 849	12 690	7 370	22 666	227 740
238	Specialty trade contractors	1	11 138 299	10 990 560	9 956 436	6 712 947	3 391 227	1 034 124	209 632	261 638	2 038 204
2381	Foundation, structure, and building exterior contractors.....	1	2 753 108	2 726 440	2 499 814	1 581 115	945 367	226 626	55 767	65 583	481 215
23811	Poured concrete foundation and structure contractors	2	559 582	554 654	503 385	300 658	207 656	51 269	12 311	15 746	125 949
238110	Poured concrete foundation and structure contractors	2	559 582	554 654	503 385	300 658	207 656	51 269	12 311	15 746	125 949
23812	Structural steel and precast concrete contractors	-	211 581	D	194 384	161 416	D	D	8 666	2 361	44 751
238120	Structural steel and precast concrete contractors	-	211 581	D	194 384	161 416	D	D	8 666	2 361	44 751
23813	Framing contractors	-	394 866	390 667	345 550	256 352	93 397	45 116	7 137	11 918	59 516
238130	Framing contractors	-	394 866	390 667	345 550	256 352	93 397	45 116	7 137	11 918	59 516
23814	Masonry contractors	2	654 187	D	619 643	381 766	D	D	11 390	19 252	119 359
238140	Masonry contractors	2	654 187	D	619 643	381 766	D	D	11 390	19 252	119 359
23815	Glass and glazing contractors ..	2	122 968	115 369	113 607	67 528	53 679	1 761	3 066	1 247	14 380
238150	Glass and glazing contractors	-	122 968	115 369	113 607	67 528	53 679	1 761	3 066	1 247	14 380
23816	Roofing contractors	1	536 918	529 519	484 873	274 407	217 865	44 646	8 396	9 978	89 535
238160	Roofing contractors	1	536 918	529 519	484 873	274 407	217 865	44 646	8 396	9 978	89 535
23817	Siding contractors	-	238 550	238 528	205 727	118 943	86 806	32 801	3 768	4 529	24 898
238170	Siding contractors	-	238 550	238 528	205 727	118 943	86 806	32 801	3 768	4 529	24 898
23819	Other foundation, structure, and building exterior contractors...	-	34 456	D	32 645	20 046	D	D	1 032	552	2 826
238190	Other foundation, structure, and building exterior contractors	-	34 456	D	32 645	20 046	D	D	1 032	552	2 826

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
MINNESOTA—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	1	5 121 008	5 061 103	4 685 132	3 096 533	1 648 503	375 971	85 320	90 108	697 626
23821	Electrical Contractors	1	1 893 099	1 887 394	1 804 057	1 193 695	616 066	83 337	28 429	33 756	293 719
238210	Electrical Contractors	1	1 893 099	1 887 394	1 804 057	1 193 695	616 066	83 337	28 429	33 756	293 719
23822	Plumbing, heating, and air-conditioning contractors	—	2 893 239	2 860 054	2 579 498	1 653 835	958 849	280 556	50 174	50 892	369 051
238220	Plumbing, heating, and air-conditioning contractors	—	2 893 239	2 860 054	2 579 498	1 653 835	958 849	280 556	50 174	50 892	369 051
23829	Other building equipment contractors	1	334 669	313 655	301 577	249 003	73 588	12 078	6 717	5 459	34 855
238290	Other building equipment contractors	1	334 669	313 655	301 577	249 003	73 588	12 078	6 717	5 459	34 855
2383	Building finishing contractors	1	1 989 927	1 964 173	1 684 272	1 234 632	475 394	279 901	28 414	29 341	218 401
23831	Drywall and insulation contractors	—	742 962	738 739	641 089	480 287	165 025	97 649	8 418	9 952	60 317
238310	Drywall and insulation contractors	—	742 962	738 739	641 089	480 287	165 025	97 649	8 418	9 952	60 317
23832	Painting and wall covering contractors	2	337 808	335 589	318 373	250 804	69 789	17 215	5 436	5 942	65 223
238320	Painting and wall covering contractors	2	337 808	335 589	318 373	250 804	69 789	17 215	5 436	5 942	65 223
23833	Flooring contractors	1	181 321	174 107	160 053	109 015	58 252	14 054	4 711	2 833	21 494
238330	Flooring contractors	1	181 321	174 107	160 053	109 015	58 252	14 054	4 711	2 833	21 494
23834	Tile and terrazzo contractors . . .	3	106 020	D	103 220	67 947	D	D	991	1 688	13 254
238340	Tile and terrazzo contractors . . .	3	106 020	D	103 220	67 947	D	D	991	1 688	13 254
23835	Finish carpentry contractors . . .	2	499 440	487 846	347 229	234 639	124 184	*140 617	6 042	7 141	50 622
238350	Finish carpentry contractors . . .	2	499 440	487 846	347 229	234 639	124 184	*140 617	6 042	7 141	50 622
23839	Other building finishing contractors	—	122 375	D	114 308	91 940	D	D	2 817	1 785	7 490
238390	Other building finishing contractors	—	122 375	D	114 308	91 940	D	D	2 817	1 785	7 490
2389	Other specialty trade contractors . .	2	1 274 256	1 238 845	1 087 219	800 667	321 963	151 626	40 131	76 606	640 962
23891	Site preparation contractors	1	926 119	900 243	780 015	591 673	214 218	120 229	33 242	60 723	538 233
238910	Site preparation contractors	1	926 119	900 243	780 015	591 673	214 218	120 229	33 242	60 723	538 233
23899	All other specialty trade contractors	2	348 137	338 601	307 204	208 994	107 745	31 398	6 889	15 883	102 729
238990	All other specialty trade contractors	2	348 137	338 601	307 204	208 994	107 745	31 398	6 889	15 883	102 729

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)
MINNESOTA		
All establishments number	16 952	3
All employees number	148 430	2
Construction workers in March number	99 361	2
Construction workers in May number	109 410	2
Construction workers in August number	119 011	2
Construction workers in November number	110 975	2
Average number of construction workers number	109 689	2
Other employees in March number	40 128	2
Other employees in May number	36 992	2
Other employees in August number	39 003	2
Other employees in November number	38 839	2
Average number of other employees number	38 740	2
Total payroll \$1,000	5 840 385	1
Construction workers \$1,000	4 028 313	1
Other employees \$1,000	1 812 072	2
First-quarter payroll, all employees \$1,000	1 272 057	1
Fringe benefits, all employees \$1,000	1 619 931	1
Legally required expenditures \$1,000	873 884	1
Voluntary expenditures \$1,000	746 047	1
Value of business done ¹ \$1,000	29 296 756	2
Value of construction work ¹ \$1,000	28 926 697	2
Value of construction work on government owned projects \$1,000	6 925 164	2
Value of construction work on federally owned projects \$1,000	1 303 799	4
Value of construction work on state and locally owned projects \$1,000	5 621 365	2
Value of construction work on privately owned projects \$1,000	22 001 533	2
Other business receipts \$1,000	370 058	10
Value of construction work subcontracted in from others \$1,000	9 456 491	2
Net value of construction work \$1,000	20 283 617	2
Value added \$1,000	12 608 748	2
Selected costs \$1,000	16 688 008	2
Materials, parts, and supplies \$1,000	7 651 650	2
Construction work subcontracted out to others \$1,000	8 643 080	3
Selected power, fuels, and lubricants \$1,000	393 278	2
Purchased electricity \$1,000	59 341	4
Natural gas and manufactured gas \$1,000	30 834	4
Gasoline and diesel fuel \$1,000	277 894	2
On-highway use of gasoline and diesel fuel \$1,000	192 536	2
Off-highway use of gasoline and diesel fuel \$1,000	85 358	4
All other fuels and lubricants \$1,000	25 209	5
Total rental costs \$1,000	411 792	2
Machinery and equipment \$1,000	259 275	2
Buildings \$1,000	152 516	3
Selected purchased services \$1,000	808 284	2
Communication services \$1,000	222 619	2
Repairs to buildings and other structures \$1,000	120 391	3
Repairs to machinery and equipment \$1,000	232 863	3
Legal services \$1,000	44 624	9
Accounting, auditing, and bookkeeping services \$1,000	80 544	13
Advertising and promotional services \$1,000	107 244	6
Beginning-of-year gross book value of depreciable assets \$1,000	4 098 583	2
Capital expenditures, other than land \$1,000	554 078	3
Retirements and disposition of depreciable assets \$1,000	164 912	3
End-of-year gross book value of depreciable assets \$1,000	4 487 748	2
Depreciation charges during year \$1,000	491 662	3
Establishments with inventories number	3 653	—
Value of construction work for establishments with inventories \$1,000	10 296 693	—
End-of-2002, inventories of materials and supplies \$1,000	491 690	3
End-of-2001, inventories of materials and supplies \$1,000	437 463	3
Establishments with no inventories number	12 338	—
Value of construction work for establishments with no inventories \$1,000	17 775 952	—
Establishments not reporting inventories number	961	—
Value of construction work for establishments not reporting inventores \$1,000	854 053	—

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
MINNESOTA											
All establishments	1	16 952	148 430	5 840 385	29 296 756	28 926 697	20 283 617	12 608 748	8 044 928	8 643 080	2
Establishments with—											
1 to 4 employees	3	10 577	21 192	498 862	3 092 031	3 073 428	2 394 435	1 499 406	913 632	678 993	4
5 to 9 employees	2	3 543	21 993	682 621	3 476 050	3 397 625	2 473 473	1 586 603	965 295	924 152	6
10 to 19 employees	1	1 488	20 160	745 304	3 444 353	3 416 714	2 554 021	1 580 667	1 000 992	862 694	6
20 to 49 employees	1	874	26 354	1 120 257	4 921 071	4 853 554	3 564 872	2 264 188	1 368 201	1 288 682	3
50 to 99 employees	—	306	20 584	937 062	4 325 583	4 230 975	2 952 199	1 899 726	1 147 082	1 278 776	2
100 to 249 employees	—	123	18 283	873 949	4 402 258	4 351 000	3 160 943	2 069 161	1 143 040	1 190 057	2
250 to 499 employees	—	31	10 620	543 632	2 559 274	2 527 407	D	1 198 882	D	D	—
500 to 999 employees	—	7	5 141	230 529	1 699 700	1 699 557	784 881	D	D	914 676	—
1,000 employees or more	—	3	4 104	208 168	1 376 437	1 376 437	D	D	D	D	—

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
MINNESOTA											
All establishments	1	16 952	148 430	5 840 385	29 296 756	28 926 697	20 283 617	12 608 748	8 044 928	8 643 080	2
Establishments with value of business done—											
Less than \$25,000	7	S	S	1 976	7 013	6 971	6 531	4 699	1 875	439	23
\$25,000 to \$49,999	4	S	S	9 287	31 577	31 577	27 806	20 418	7 388	3 771	15
\$50,000 to \$99,999	4	1 668	2 201	30 981	118 595	117 567	101 416	71 698	30 745	16 151	11
\$100,000 to \$249,999	3	4 499	10 481	196 376	745 238	742 772	644 285	414 369	232 382	98 487	7
\$250,000 to \$499,999	3	3 455	12 299	312 678	1 196 653	1 187 199	1 026 628	654 785	381 297	160 571	7
\$500,000 to \$999,999	2	2 353	14 790	437 251	1 672 025	1 662 015	1 466 096	914 895	561 210	195 919	7
\$1,000,000 to \$2,499,999	2	1 931	20 623	740 327	3 038 372	3 000 386	2 434 173	1 610 167	861 992	566 213	6
\$2,500,000 to \$4,999,999	1	806	16 444	693 221	2 860 222	2 819 502	2 148 176	1 408 726	780 170	671 326	5
\$5,000,000 to \$9,999,999	1	542	17 425	811 630	3 705 467	3 623 530	2 693 009	1 701 974	1 072 971	930 522	6
\$10,000,000 or more	—	469	52 826	2 606 658	15 921 595	15 735 178	9 735 497	5 807 017	4 114 897	5 999 681	2

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)
MINNESOTA		
Total	28 926 697	2
Construction work done in California	257 767	1
Construction work done in Colorado	149 581	1
Construction work done in Illinois	395 134	1
Construction work done in Iowa	347 711	4
Construction work done in Minnesota	25 860 976	2
Construction work done in North Dakota	227 531	15
Construction work done in South Dakota	192 103	6
Construction work done in Wisconsin	421 590	7

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
MINNESOTA								
Total	28 926 697	19 133 667	6 716 395	3 076 635	2	2	1	6
Building construction, total	22 216 211	14 879 131	5 034 357	2 302 722	2	2	2	8
Single-family houses, detached and attached	9 271 632	6 953 149	1 307 329	1 011 154	4	4	5	18
Single-family houses, detached	7 266 321	5 267 076	1 135 143	864 101	5	5	5	21
Single-family houses, attached	2 005 311	1 686 073	172 186	147 053	6	6	12	15
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives	1 347 548	1 021 907	211 469	114 171	3	4	6	9
Manufacturing and industrial warehouses	827 320	457 895	250 519	118 906	5	6	7	7
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories	664 310	301 158	206 828	156 324	3	3	5	7
Hotels, motels, and tourist cabins	261 697	202 917	30 055	28 725	5	6	10	9
Office buildings	3 267 747	2 036 084	970 183	261 479	2	1	4	5
Stores, restaurants, and automobile service stations, and other commercial buildings	2 272 125	1 475 759	594 897	201 469	4	5	5	6
Commercial warehouses such as distribution buildings and mini-storage	525 336	381 237	105 241	38 858	3	3	7	10
Religious buildings	558 812	328 186	189 787	40 838	5	7	6	6
Educational buildings	1 567 635	767 659	680 287	119 689	1	2	2	6
Health care and institutional buildings	735 024	369 895	275 185	89 944	2	3	2	3
Public safety buildings such as prisons, police, and fire stations	280 455	194 502	59 630	26 324	4	4	4	29
Amusement, social, and recreational buildings	207 707	151 004	44 057	12 646	4	4	7	8
Other building construction	428 864	237 780	108 888	82 195	5	8	4	8
Nonbuilding construction, total	5 893 224	3 437 273	1 682 038	773 913	2	2	2	3
Highways, streets, and related work, such as installation of guardrails and signs	1 938 720	884 305	835 571	218 845	4	7	3	6
Private driveways and parking areas	350 370	207 718	76 607	66 045	8	8	10	20
Bridges and elevated highways	196 589	101 265	70 542	24 783	2	3	1	4
Sewers, water mains, and related facilities	1 139 627	771 702	284 379	83 546	3	4	6	7
Sewers, sewer lines, septic systems, and related facilities	717 200	484 711	192 119	40 371	4	5	6	9
Water mains, storage, and related facilities	422 427	286 991	92 261	43 175	5	5	14	9
Power and communication transmission lines, cables, towers, and related facilities	396 277	281 772	49 155	65 350	5	4	15	10
Power plants	448 859	363 105	54 122	31 633	2	—	15	1
Power and cogeneration plants, except hydroelectric	442 298	361 134	51 687	29 476	2	—	15	1
Power plants, hydroelectric	6 562	1 970	2 435	2 156	9	22	11	11
Sewage and water treatment plants	291 972	212 130	54 901	24 942	6	8	3	7
Sewage treatment plants	203 618	147 379	42 415	13 824	8	11	2	4
Water treatment plants	88 354	64 751	12 485	11 118	7	7	12	16
Other nonbuilding construction	1 130 808	615 277	256 762	258 770	4	5	6	7
Construction work, nsk	817 263	817 263	—	—	—	—	—	—

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)
MINNESOTA		
Total	29 296 756	2
Building construction, total	11 864 312	3
Building construction on land owned by you, for sale	3 317 384	7
Building construction on land owned by others	6 436 123	2
Remodeling contractor	1 656 733	12
Construction management, at risk (for building construction)	222 724	29
Construction management, agency or fee only (for building construction)	231 347	11
Heavy construction and civil engineering construction, total	5 021 909	3
Subdividing and servicing of raw land into lots, for sale by you	405 257	29
Highway and street general contractor	1 230 902	7
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways	660 484	2
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	2 055 413	2
Cable and conduit laying contractor	250 456	6
Excavation work, earthmoving or land clearing contractor, not connected with buildings	419 398	8
Special trade contractors, total	7 118 207	2
Heating, ventilation and air-conditioning contractor (HVAC)	1 287 152	3
Mechanical contractor	370 026	3
Plumbing contractor	690 400	6
Painting contractor	295 843	11
Electric power installation and service contractor, including lighting	1 486 705	4
Masonry contractor, brick, block, or stone (except brick paving)	421 284	8
Drywall contractor	528 503	12
Finish carpentry contractor	433 814	14
Framing contractor, except steel	396 191	9
Roofing contractor, except sheet metal	423 876	12
Asphalt, concrete, and brick paving contractor, residential or commercial driveways and parking areas	248 823	9
Concrete Contractor (except paving or foundation)	535 589	7
All other construction activities	4 109 767	2
Other business activities secondary to construction activities, total	366 146	10
All other business activities secondary to construction activities	366 146	10
Kind of business activity, nsk	816 414	24

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.

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