

Wisconsin: 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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-- 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	
WISCONSIN											
23	Construction	16 207	142 230	104 637	96 093	105 144	111 792	105 519	5 254 483	3 691 203	1
236	Construction of buildings	4 641	37 422	25 049	23 011	24 521	27 256	25 409	1 413 867	854 012	3
2361	Residential building construction ..	4 003	19 073	12 431	11 788	12 533	13 406	11 995	560 014	312 214	4
23611	Residential building construction ..	4 003	19 073	12 431	11 788	12 533	13 406	11 995	560 014	312 214	4
236115	New single-family housing construction (except operative builders)	1 916	9 136	6 182	5 769	6 158	6 692	6 110	263 725	150 226	6
236116	New multifamily housing construction (except operative builders)	135	1 393	981	981	961	986	998	52 319	33 675	11
236117	New housing operative builders	444	2 393	1 381	1 335	1 404	1 534	1 252	93 048	42 551	8
236118	Residential remodelers	1 508	6 151	3 886	3 703	4 011	4 195	3 635	150 922	85 762	7
2362	Nonresidential building construction	638	18 348	12 619	11 223	11 988	13 850	13 415	853 854	541 798	3
23621	Industrial building construction ..	42	2 236	1 249	1 251	1 163	1 338	1 246	102 699	62 654	9
236210	Industrial building construction ..	42	2 236	1 249	1 251	1 163	1 338	1 246	102 699	62 654	9
23622	Commercial and institutional building construction	595	16 112	11 370	9 972	10 825	12 512	12 169	751 155	479 144	4
236220	Commercial and institutional building construction	595	16 112	11 370	9 972	10 825	12 512	12 169	751 155	479 144	4
237	Heavy and civil engineering construction	892	16 706	12 916	10 969	13 339	14 125	13 231	754 939	562 240	4
2371	Utility system construction	431	7 490	5 777	5 095	5 875	6 160	5 977	317 923	242 150	6
23711	Water and sewer line and related structures construction	285	3 789	2 855	2 356	2 880	3 191	2 992	156 001	116 604	11
237110	Water and sewer line and related structures construction	285	3 789	2 855	2 356	2 880	3 191	2 992	156 001	116 604	11
23712	Oil and gas pipeline and related structures construction	21	329	267	208	275	287	299	12 281	9 584	25
237120	Oil and gas pipeline and related structures construction	21	329	267	208	275	287	299	12 281	9 584	25
23713	Power and communication line and related structures construction	126	3 372	2 655	2 531	2 720	2 682	2 687	149 640	115 962	3
237130	Power and communication line and related structures construction	126	3 372	2 655	2 531	2 720	2 682	2 687	149 640	115 962	3
2372	Land subdivision	94	471	174	198	180	162	156	12 634	3 428	27
23721	Land subdivision	94	471	174	198	180	162	156	12 634	3 428	27
237210	Land subdivision	94	471	174	198	180	162	156	12 634	3 428	27
2373	Highway, street, and bridge construction	202	7 125	5 681	4 497	5 967	6 474	5 787	368 046	276 701	6
23731	Highway, street, and bridge construction	202	7 125	5 681	4 497	5 967	6 474	5 787	368 046	276 701	6
237310	Highway, street, and bridge construction	202	7 125	5 681	4 497	5 967	6 474	5 787	368 046	276 701	6
2379	Other heavy and civil engineering construction	165	1 621	1 283	1 179	1 317	1 328	1 311	56 337	39 962	18
23799	Other heavy and civil engineering construction	165	1 621	1 283	1 179	1 317	1 328	1 311	56 337	39 962	18
237990	Other heavy and civil engineering construction	165	1 621	1 283	1 179	1 317	1 328	1 311	56 337	39 962	18
238	Specialty trade contractors	10 674	88 102	66 672	62 113	67 284	70 411	66 879	3 085 677	2 274 950	2
2381	Foundation, structure, and building exterior contractors	3 227	24 392	19 058	16 843	19 420	20 400	19 570	724 142	539 450	4
23811	Poured concrete foundation and structure contractors	864	7 913	6 608	5 670	6 740	7 234	6 789	223 967	172 373	6
238110	Poured concrete foundation and structure contractors ..	864	7 913	6 608	5 670	6 740	7 234	6 789	223 967	172 373	6
23812	Structural steel and precast concrete contractors	121	1 145	881	803	854	865	1 003	48 412	36 517	22
238120	Structural steel and precast concrete contractors	121	1 145	881	803	854	865	1 003	48 412	36 517	22
23813	Framing contractors	470	2 464	1 985	1 956	2 036	2 037	1 909	65 744	51 690	13
238130	Framing contractors	470	2 464	1 985	1 956	2 036	2 037	1 909	65 744	51 690	13
23814	Masonry contractors	550	4 684	3 652	3 309	3 716	3 789	3 795	136 442	114 609	9
238140	Masonry contractors	550	4 684	3 652	3 309	3 716	3 789	3 795	136 442	114 609	9
23815	Glass and glazing contractors ..	47	808	491	473	455	544	493	33 956	19 154	16
238150	Glass and glazing contractors ..	47	808	491	473	455	544	493	33 956	19 154	16
23816	Roofing contractors	709	4 958	3 713	3 132	3 943	4 100	3 679	147 898	97 643	10
238160	Roofing contractors	709	4 958	3 713	3 132	3 943	4 100	3 679	147 898	97 643	10
23817	Siding contractors	395	1 877	1 412	1 210	1 377	1 522	1 539	44 809	30 563	14
238170	Siding contractors	395	1 877	1 412	1 210	1 377	1 522	1 539	44 809	30 563	14

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	
WISCONSIN—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...	571	542	315	289	300	307	363	22 914	16 899	24
238190	Other foundation, structure, and building exterior contractors	571	542	315	289	300	307	363	22 914	16 899	24
2382	Building equipment contractors ...	3 135	36 547	27 167	26 617	27 338	27 612	27 103	1 519 574	1 122 184	2
23821	Electrical Contractors	1 174	14 335	11 450	11 273	11 467	11 861	11 198	577 358	447 884	4
238210	Electrical Contractors	1 174	14 335	11 450	11 273	11 467	11 861	11 198	577 358	447 884	4
23822	Plumbing, heating, and air-conditioning contractors	1 839	20 425	14 562	14 257	14 655	14 603	14 734	855 624	617 852	3
238220	Plumbing, heating, and air-conditioning contractors	1 839	20 425	14 562	14 257	14 655	14 603	14 734	855 624	617 852	3
23829	Other building equipment contractors	122	1 788	1 155	1 086	1 216	1 148	1 171	86 593	56 447	9
238290	Other building equipment contractors	122	1 788	1 155	1 086	1 216	1 148	1 171	86 593	56 447	9
2383	Building finishing contractors	3 075	17 335	13 166	12 229	13 199	14 405	12 831	506 058	371 786	5
23831	Drywall and insulation contractors	533	5 461	4 495	4 375	4 264	4 796	4 544	176 560	138 119	11
238310	Drywall and insulation contractors	533	5 461	4 495	4 375	4 264	4 796	4 544	176 560	138 119	11
23832	Painting and wall covering contractors	841	4 023	2 947	2 624	3 049	3 175	2 943	113 646	78 771	9
238320	Painting and wall covering contractors	841	4 023	2 947	2 624	3 049	3 175	2 943	113 646	78 771	9
23833	Flooring contractors	323	1 618	1 110	1 008	1 127	1 198	1 107	50 273	35 081	17
238330	Flooring contractors	323	1 618	1 110	1 008	1 127	1 198	1 107	50 273	35 081	17
23834	Tile and terrazzo contractors ...	147	710	483	472	518	479	461	21 511	15 143	19
238340	Tile and terrazzo contractors ...	147	710	483	472	518	479	461	21 511	15 143	19
23835	Finish carpentry contractors ...	1 088	4 689	3 513	3 144	3 622	4 126	3 158	119 730	88 145	8
238350	Finish carpentry contractors ...	1 088	4 689	3 513	3 144	3 622	4 126	3 158	119 730	88 145	8
23839	Other building finishing contractors	144	835	619	606	618	631	619	24 338	16 527	21
238390	Other building finishing contractors	144	835	619	606	618	631	619	24 338	16 527	21
2389	Other specialty trade contractors .	1 237	9 828	7 280	6 424	7 327	7 994	7 375	335 903	241 530	6
23891	Site preparation contractors	766	6 572	5 151	4 564	5 166	5 647	5 229	227 531	175 136	8
238910	Site preparation contractors ..	766	6 572	5 151	4 564	5 166	5 647	5 229	227 531	175 136	8
23899	All other specialty trade contractors	471	3 256	2 129	1 860	2 161	2 347	2 146	108 372	66 394	10
238990	All other specialty trade contractors	471	3 256	2 129	1 860	2 161	2 347	2 146	108 372	66 394	10

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 subcontracted out to others	Total rental costs	Capital expenditures, except land	Gross book value of depreciable assets, end-of-year
WISCONSIN											
23	Construction	1	23 477 496	23 008 114	17 467 716	11 003 705	6 933 393	5 540 398	346 883	535 151	4 775 706
236	Construction of buildings	1	9 609 222	9 438 240	5 287 728	2 850 700	2 608 010	4 150 512	65 106	118 388	925 311
2361	Residential building construction	2	4 146 381	4 087 572	2 574 279	1 236 776	1 396 311	1 513 293	24 047	67 962	381 291
23611	Residential building construction	2	4 146 381	4 087 572	2 574 279	1 236 776	1 396 311	1 513 293	24 047	67 962	381 291
236115	New single-family housing construction (except operative builders)	1	2 027 643	2 003 070	1 260 462	539 720	745 314	742 608	11 542	26 476	160 493
236116	New multifamily housing construction (except operative builders)	-	437 347	428 251	198 946	81 946	126 096	229 305	1 979	3 434	28 031
236117	New housing operative builders	2	976 400	958 612	594 200	303 426	308 562	364 412	3 444	\$25 172	106 814
236118	Residential remodelers	3	704 991	697 638	520 670	311 684	216 339	176 968	7 082	12 881	85 952
2362	Nonresidential building construction	-	5 462 841	5 350 669	2 713 449	1 613 924	1 211 698	2 637 219	41 059	50 426	544 021
23621	Industrial building construction	-	510 226	483 196	\$306 313	151 704	\$181 639	176 883	4 404	3 528	56 028
236210	Industrial building construction	-	510 226	483 196	\$306 313	151 704	\$181 639	176 883	4 404	3 528	56 028
23622	Commercial and institutional building construction	-	4 952 615	4 867 473	2 407 137	1 462 220	1 030 059	2 460 336	36 656	46 898	487 992
236220	Commercial and institutional building construction	-	4 952 615	4 867 473	2 407 137	1 462 220	1 030 059	2 460 336	36 656	46 898	487 992
237	Heavy and civil engineering construction	-	3 755 310	3 635 687	2 966 863	1 969 243	1 117 243	668 824	78 436	158 671	1 638 869
2371	Utility system construction	-	1 333 519	1 317 134	1 130 832	832 125	315 092	186 303	31 185	69 216	615 818
23711	Water and sewer line and related structures construction	1	736 458	733 211	620 620	401 076	222 791	112 591	19 878	38 084	366 333
237110	Water and sewer line and related structures construction	1	736 458	733 211	620 620	401 076	222 791	112 591	19 878	38 084	366 333
23712	Oil and gas pipeline and related structures construction	-	69 339	69 339	66 623	56 805	\$9 818	\$2 717	\$983	1 858	20 492
237120	Oil and gas pipeline and related structures construction	-	69 339	69 339	66 623	56 805	\$9 818	\$2 717	\$983	1 858	20 492
23713	Power and communication line and related structures construction	-	527 722	514 584	443 589	374 244	82 482	70 995	10 325	29 275	228 993
237130	Power and communication line and related structures construction	-	527 722	514 584	443 589	374 244	82 482	70 995	10 325	29 275	228 993
2372	Land subdivision	1	\$175 676	D	\$152 591	125 215	D	D	1 402	2 269	16 590
23721	Land subdivision	1	\$175 676	D	\$152 591	125 215	D	D	1 402	2 269	16 590
237210	Land subdivision	1	\$175 676	D	\$152 591	125 215	D	D	1 402	2 269	16 590
2373	Highway, street, and bridge construction	-	1 969 677	1 868 028	1 434 169	833 231	702 586	433 860	40 473	67 656	730 614
23731	Highway, street, and bridge construction	-	1 969 677	1 868 028	1 434 169	833 231	702 586	433 860	40 473	67 656	730 614
237310	Highway, street, and bridge construction	-	1 969 677	1 868 028	1 434 169	833 231	702 586	433 860	40 473	67 656	730 614
2379	Other heavy and civil engineering construction	2	276 438	D	249 271	178 673	D	D	\$5 376	\$19 529	\$275 846
23799	Other heavy and civil engineering construction	2	276 438	D	249 271	178 673	D	D	\$5 376	\$19 529	\$275 846
237990	Other heavy and civil engineering construction	2	276 438	D	249 271	178 673	D	D	\$5 376	\$19 529	\$275 846
238	Specialty trade contractors	1	10 112 963	9 934 187	9 213 126	6 183 762	3 208 140	721 061	203 340	258 092	2 211 526
2381	Foundation, structure, and building exterior contractors	1	2 697 049	2 685 092	2 508 649	1 636 235	884 372	176 443	45 212	62 073	651 952
23811	Poured concrete foundation and structure contractors	1	1 153 395	1 151 946	1 087 906	667 602	421 753	64 041	15 140	26 006	356 486
238110	Poured concrete foundation and structure contractors	1	1 153 395	1 151 946	1 087 906	667 602	421 753	64 041	15 140	26 006	356 486
23812	Structural steel and precast concrete contractors	1	136 556	D	128 198	97 007	D	D	6 465	1 644	29 287
238120	Structural steel and precast concrete contractors	1	136 556	D	128 198	97 007	D	D	6 465	1 644	29 287
23813	Framing contractors	1	196 482	195 929	161 411	107 221	54 744	34 518	2 775	8 345	30 624
238130	Framing contractors	1	196 482	195 929	161 411	107 221	54 744	34 518	2 775	8 345	30 624
23814	Masonry contractors	2	384 810	384 003	370 700	278 987	92 520	13 303	6 521	7 643	65 264
238140	Masonry contractors	2	384 810	384 003	370 700	278 987	92 520	13 303	6 521	7 643	65 264
23815	Glass and glazing contractors	-	114 996	109 805	104 004	58 680	50 514	5 801	2 895	1 870	16 841
238150	Glass and glazing contractors	-	114 996	109 805	104 004	58 680	50 514	5 801	2 895	1 870	16 841
23816	Roofing contractors	2	501 773	499 654	463 128	298 553	166 694	36 526	8 284	11 542	117 878
238160	Roofing contractors	2	501 773	499 654	463 128	298 553	166 694	36 526	8 284	11 542	117 878
23817	Siding contractors	1	148 778	148 153	141 086	91 168	50 542	7 067	2 328	4 465	25 406
238170	Siding contractors	1	148 778	148 153	141 086	91 168	50 542	7 067	2 328	4 465	25 406
23819	Other foundation, structure, and building exterior contractors	-	60 259	D	52 216	37 017	D	D	803	558	10 166
238190	Other foundation, structure, and building exterior contractors	-	60 259	D	52 216	37 017	D	D	803	558	10 166

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
WISCONSIN—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	—	4 499 469	4 392 152	4 126 213	2 731 409	1 502 121	265 939	72 974	73 273	659 492
23821	Electrical Contractors	—	1 599 245	1 571 358	1 507 486	1 037 143	498 231	63 871	20 616	25 163	205 391
238210	Electrical Contractors	—	1 599 245	1 571 358	1 507 486	1 037 143	498 231	63 871	20 616	25 163	205 391
23822	Plumbing, heating, and air-conditioning contractors	—	2 643 604	2 578 014	2 384 615	1 508 399	941 806	193 399	45 948	41 126	405 571
238220	Plumbing, heating, and air-conditioning contractors	—	2 643 604	2 578 014	2 384 615	1 508 399	941 806	193 399	45 948	41 126	405 571
23829	Other building equipment contractors	1	256 620	242 781	234 113	185 867	62 085	8 668	6 410	6 984	48 529
238290	Other building equipment contractors	1	256 620	242 781	234 113	185 867	62 085	8 668	6 410	6 984	48 529
2383	Building finishing contractors	2	1 526 073	1 511 503	1 374 138	916 560	472 148	137 365	23 924	34 820	228 893
23831	Drywall and insulation contractors	2	471 329	D	424 522	300 855	D	D	7 817	7 174	60 410
238310	Drywall and insulation contractors	2	471 329	D	424 522	300 855	D	D	7 817	7 174	60 410
23832	Painting and wall covering contractors	2	276 551	272 001	257 126	199 597	62 080	14 874	5 239	5 480	43 548
238320	Painting and wall covering contractors	2	276 551	272 001	257 126	199 597	62 080	14 874	5 239	5 480	43 548
23833	Flooring contractors	4	183 469	179 678	164 870	102 839	65 822	^s 14 808	2 474	4 998	27 600
238330	Flooring contractors	4	183 469	179 678	164 870	102 839	65 822	^s 14 808	2 474	4 998	27 600
23834	Tile and terrazzo contractors	—	60 143	D	57 696	35 126	D	D	836	421	5 460
238340	Tile and terrazzo contractors	—	60 143	D	57 696	35 126	D	D	836	421	5 460
23835	Finish carpentry contractors	2	468 750	466 679	407 766	232 494	177 342	58 913	5 602	15 413	80 189
238350	Finish carpentry contractors	2	468 750	466 679	407 766	232 494	177 342	58 913	5 602	15 413	80 189
23839	Other building finishing contractors	1	65 831	64 818	62 157	45 648	17 522	2 662	1 956	1 335	11 686
238390	Other building finishing contractors	1	65 831	64 818	62 157	45 648	17 522	2 662	1 956	1 335	11 686
2389	Other specialty trade contractors	1	1 390 373	1 345 440	1 204 125	899 558	349 500	141 315	61 230	87 925	671 189
23891	Site preparation contractors	1	872 451	854 624	770 204	592 677	195 354	84 420	43 515	46 484	487 363
238910	Site preparation contractors	1	872 451	854 624	770 204	592 677	195 354	84 420	43 515	46 484	487 363
23899	All other specialty trade contractors	1	517 922	490 816	433 921	306 881	154 146	56 895	17 715	41 441	183 826
238990	All other specialty trade contractors	1	517 922	490 816	433 921	306 881	154 146	56 895	17 715	41 441	183 826

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)
WISCONSIN		
All establishments number..	16 207	3
All employees number..	142 230	1
Construction workers in March number..	96 093	2
Construction workers in May number..	105 144	1
Construction workers in August number..	111 792	2
Construction workers in November number..	105 519	2
Average number of construction workers number..	104 637	1
Other employees in March number..	37 441	2
Other employees in May number..	36 695	2
Other employees in August number..	38 257	2
Other employees in November number..	37 982	2
Average number of other employees number..	37 594	2
Total payroll \$1,000..	5 254 483	1
Construction workers \$1,000..	3 691 203	1
Other employees \$1,000..	1 563 280	1
First-quarter payroll, all employees \$1,000..	1 129 985	1
Fringe benefits, all employees \$1,000..	1 499 241	1
Legally required expenditures \$1,000..	758 967	1
Voluntary expenditures \$1,000..	740 274	1
Value of business done ¹ \$1,000..	23 477 496	2
Value of construction work ¹ \$1,000..	23 008 114	2
Value of construction work on government owned projects \$1,000..	4 966 274	2
Value of construction work on federally owned projects \$1,000..	906 720	4
Value of construction work on state and locally owned projects \$1,000..	4 059 554	2
Value of construction work on privately owned projects \$1,000..	18 041 841	2
Other business receipts \$1,000..	469 382	9
Value of construction work subcontracted in from others \$1,000..	7 904 691	2
Net value of construction work \$1,000..	17 467 716	2
Value added \$1,000..	11 003 705	1
Selected costs \$1,000..	12 473 791	2
Materials, parts, and supplies \$1,000..	6 563 237	3
Construction work subcontracted out to others \$1,000..	5 540 398	3
Selected power, fuels, and lubricants \$1,000..	370 156	2
Purchased electricity \$1,000..	47 438	3
Natural gas and manufactured gas \$1,000..	23 531	4
Gasoline and diesel fuel \$1,000..	267 554	3
On-highway use of gasoline and diesel fuel \$1,000..	186 032	2
Off-highway use of gasoline and diesel fuel \$1,000..	81 523	5
All other fuels and lubricants \$1,000..	31 633	2
Total rental costs \$1,000..	346 883	2
Machinery and equipment \$1,000..	210 417	2
Buildings \$1,000..	136 466	3
Selected purchased services \$1,000..	708 357	2
Communication services \$1,000..	188 107	2
Repairs to buildings and other structures \$1,000..	109 114	3
Repairs to machinery and equipment \$1,000..	203 895	4
Legal services \$1,000..	36 631	7
Accounting, auditing, and bookkeeping services \$1,000..	67 182	6
Advertising and promotional services \$1,000..	103 429	6
Beginning-of-year gross book value of depreciable assets \$1,000..	4 412 984	3
Capital expenditures, other than land \$1,000..	535 151	4
Retirements and disposition of depreciable assets \$1,000..	172 429	3
End-of-year gross book value of depreciable assets \$1,000..	4 775 706	3
Depreciation charges during year \$1,000..	487 343	4
Establishments with inventories number..	3 915	—
Value of construction work for establishments with inventories \$1,000..	10 367 622	—
End-of-2002, inventories of materials and supplies \$1,000..	342 162	4
End-of-2001, inventories of materials and supplies \$1,000..	326 398	4
Establishments with no inventories number..	11 320	—
Value of construction work for establishments with no inventories \$1,000..	12 016 472	—
Establishments not reporting inventories number..	972	—
Value of construction work for establishments not reporting inventores \$1,000..	624 020	—

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
WISCONSIN											
All establishments	1	16 207	142 230	5 254 483	23 477 496	23 008 114	17 467 716	11 003 705	6 933 393	5 540 398	1
Establishments with—											
1 to 4 employees	2	9 540	20 129	437 644	2 597 397	2 581 351	2 104 170	1 103 663	1 016 554	477 181	4
5 to 9 employees	2	3 636	22 784	630 598	2 770 309	2 738 119	2 132 567	1 301 757	863 000	605 552	5
10 to 19 employees	1	1 792	23 423	827 475	3 664 075	3 572 192	2 868 645	1 743 146	1 217 383	703 547	5
20 to 49 employees	1	859	25 474	1 057 235	4 028 484	3 948 398	3 055 877	1 926 109	1 209 852	892 522	3
50 to 99 employees	—	250	17 074	776 459	3 159 777	3 099 318	2 238 264	1 546 785	751 938	861 054	1
100 to 249 employees	—	90	13 279	615 615	3 053 613	3 008 843	2 043 866	1 304 857	783 779	964 977	1
250 to 499 employees	—	24	D	D	D	D	D	D	D	D	S
500 to 999 employees	—	13	9 091	431 758	1 891 447	1 817 451	1 267 735	858 227	483 504	549 716	—
1,000 employees or more	—	2	D	D	D	D	D	D	D	D	S

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
WISCONSIN											
All establishments	1	16 207	142 230	5 254 483	23 477 496	23 008 114	17 467 716	11 003 705	6 933 393	5 540 398	2
Establishments with value of business done—											
Less than \$25,000	6	S	S	1 358	5 310	5 309	4 868	3 486	1 383	\$441	27
\$25,000 to \$49,999	4	S	S	7 214	27 963	27 784	25 065	17 584	7 661	2 718	16
\$50,000 to \$99,999	4	1 642	2 597	33 599	119 554	118 297	106 308	75 673	31 892	11 990	11
\$100,000 to \$249,999	3	4 447	11 112	206 047	750 187	744 314	673 249	430 928	248 193	71 066	6
\$250,000 to \$499,999	2	2 921	11 702	270 831	1 032 547	1 022 889	890 811	536 003	364 467	132 078	7
\$500,000 to \$999,999	2	2 704	16 885	487 030	1 894 578	1 877 589	1 614 832	975 688	656 134	262 757	6
\$1,000,000 to \$2,499,999	1	1 965	22 768	791 209	3 038 200	2 991 872	2 576 197	1 560 827	1 061 698	415 676	5
\$2,500,000 to \$4,999,999	1	761	15 844	639 736	2 592 902	2 543 836	2 069 923	1 304 835	814 154	473 913	6
\$5,000,000 to \$9,999,999	—	447	16 703	737 222	3 028 483	2 971 407	2 302 391	1 399 053	960 414	669 016	6
\$10,000,000 or more	—	340	43 434	2 080 239	10 987 772	10 704 817	7 204 072	4 699 629	2 787 398	3 500 744	1

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)
WISCONSIN		
Total	23 008 114	2
Construction work done in Illinois	679 105	3
Construction work done in Iowa	178 406	1
Construction work done in Michigan	271 201	6
Construction work done in Minnesota	482 501	7
Construction work done in Missouri	44 155	3
Construction work done in Wisconsin	20 685 913	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
WISCONSIN								
Total	23 008 114	14 690 386	5 483 926	2 833 802	2	2	1	2
Building construction, total	17 748 193	11 351 857	4 264 174	2 132 161	1	2	1	2
Single-family houses, detached and attached	6 823 760	4 816 652	1 268 566	738 542	3	3	4	4
Single-family houses, detached	5 582 672	4 003 642	976 597	602 433	3	4	4	4
Single-family houses, attached	1 241 088	813 010	291 969	136 108	5	6	7	9
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives	1 118 286	943 888	89 367	85 031	8	9	7	8
Manufacturing and industrial warehouses	794 420	448 098	226 268	120 055	5	5	5	8
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories	1 257 485	582 466	382 318	292 701	8	17	3	3
Hotels, motels, and tourist cabins	317 467	230 854	50 092	36 521	12	14	14	12
Office buildings	1 450 420	809 380	404 430	236 610	2	3	3	4
Stores, restaurants, and automobile service stations, and other commercial buildings	1 782 510	1 022 252	497 424	262 834	3	5	3	6
Commercial warehouses such as distribution buildings and mini-storage	424 638	259 493	123 137	42 008	10	13	8	22
Religious buildings	362 536	198 633	122 675	41 229	3	3	6	5
Educational buildings	1 188 189	629 420	464 953	93 816	3	2	5	11
Health care and institutional buildings	1 251 359	758 701	402 097	90 561	5	8	3	4
Public safety buildings such as prisons, police, and fire stations	296 065	180 240	97 150	18 674	3	3	7	8
Farm buildings, nonresidential (except grain elevators) ..	237 893	177 143	28 062	32 688	17	19	25	18
Amusement, social, and recreational buildings	309 986	210 526	86 174	13 286	6	8	5	14
Other building construction	133 179	84 112	21 461	27 605	3	2	3	10
Nonbuilding construction, total	4 729 869	2 808 477	1 219 751	701 641	2	3	2	8
Highways, streets, and related work, such as installation of guardrails and signs	1 468 884	684 722	537 304	246 858	6	9	1	23
Private driveways and parking areas	360 908	190 454	112 715	57 739	8	10	11	9
Bridges and elevated highways	355 492	241 709	48 611	65 172	1	1	—	5
Sewers, water mains, and related facilities	1 038 610	745 865	163 036	129 709	6	7	11	6
Sewers, sewer lines, septic systems, and related facilities	642 130	476 593	102 613	62 924	7	7	15	11
Water mains, storage, and related facilities	396 481	269 273	60 424	66 784	10	14	17	6
Power and communication transmission lines, cables, towers, and related facilities	494 931	319 709	114 767	60 454	2	2	3	3
Sewage and water treatment plants	175 780	77 011	85 535	13 233	2	3	2	4
Other nonbuilding construction	835 265	549 006	157 783	128 476	4	4	7	3
Construction work, nsk	530 052	530 052	—	—	—	—	—	—

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)
WISCONSIN		
Total	23 477 496	2
Building construction, total	8 669 671	3
Building construction on land owned by you, for sale	890 853	8
Building construction on land owned by others	6 301 182	4
Remodeling contractor	918 940	5
Construction management, at risk (for building construction)	342 702	4
Construction management, agency or fee only (for building construction)	215 994	29
Heavy construction and civil engineering construction, total	3 354 388	3
Highway and street general contractor	511 394	6
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways	688 019	3
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	1 282 491	5
Cable and conduit laying contractor	389 567	2
Excavation work, earthmoving or land clearing contractor, not connected with buildings	482 916	10
Special trade contractors, total	7 099 231	2
Heating, ventilation and air-conditioning contractor (HVAC)	1 104 149	4
Mechanical contractor	195 712	5
Plumbing contractor	882 476	4
Painting contractor	238 261	8
Electric power installation and service contractor, including lighting	1 119 807	4
Masonry contractor, brick, block, or stone (except brick paving)	301 659	8
Drywall contractor	280 334	9
Finish carpentry contractor	440 517	7
Framing contractor, except steel	220 063	9
Roofing contractor, except sheet metal	382 406	9
Asphalt, concrete, and brick paving contractor, residential or commercial driveways and parking areas	281 234	12
Foundation contractor, concrete	254 816	11
Concrete Contractor (except paving or foundation)	1 010 718	3
Excavation work: earthmoving or land clearing contractor, connected with buildings	387 079	7
All other construction activities	3 356 011	4
Other business activities secondary to construction activities, total	467 248	8
All other business activities secondary to construction activities	467 248	8
Kind of business activity, nsk	530 946	11

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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