

Alaska: 2002

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2002 Economic Census

Construction

Geographic Area Series



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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	
ALASKA											
23	Construction	2 359	21 357	15 836	14 486	15 144	18 083	15 632	938 457	652 374	2
236	Construction of buildings	785	5 399	3 921	3 404	3 675	4 629	3 977	240 198	153 786	5
2361	Residential building construction ..	593	2 534	1 767	1 537	1 678	2 091	1 761	76 528	45 102	9
23611	Residential building construction ..	593	2 534	1 767	1 537	1 678	2 091	1 761	76 528	45 102	9
236115	New single-family housing construction (except operative builders)	266	1 002	667	509	673	808	680	29 610	15 871	17
236116	New multifamily housing construction (except operative builders)	20	246	209	153	152	*281	252	10 133	7 885	29
236117	New housing operative builders	81	548	358	321	350	400	358	19 487	10 684	9
236118	Residential remodelers	228	738	533	554	503	602	471	17 297	10 663	15
2362	Nonresidential building construction	192	2 865	2 154	1 867	1 997	2 537	2 216	163 670	108 684	7
23621	Industrial building construction ..	13	162	120	107	118	132	124	8 451	6 033	12
236210	Industrial building construction ..	13	162	120	107	118	132	124	8 451	6 033	12
23622	Commercial and institutional building construction	179	2 703	2 034	1 759	1 879	2 405	2 092	155 219	102 651	7
236220	Commercial and institutional building construction	179	2 703	2 034	1 759	1 879	2 405	2 092	155 219	102 651	7
237	Heavy and civil engineering construction	295	6 195	4 411	4 201	4 353	4 865	4 224	331 317	220 420	2
2371	Utility system construction	146	2 780	1 706	1 728	1 682	1 802	1 610	167 080	98 161	4
23711	Water and sewer line and related structures construction	119	707	546	727	543	502	414	29 863	21 514	13
237110	Water and sewer line and related structures construction	119	707	546	727	543	502	414	29 863	21 514	13
23712	Oil and gas pipeline and related structures construction	11	1 615	772	677	810	817	784	116 847	60 175	—
237120	Oil and gas pipeline and related structures construction	11	1 615	772	677	810	817	784	116 847	60 175	—
23713	Power and communication line and related structures construction	16	458	387	324	330	484	413	20 370	16 472	9
237130	Power and communication line and related structures construction	16	458	387	324	330	484	413	20 370	16 472	9
2372	Land subdivision	16	170	29	41	26	23	24	2 928	743	—
23721	Land subdivision	16	170	29	41	26	23	24	2 928	743	—
237210	Land subdivision	16	170	29	41	26	23	24	2 928	743	—
2373	Highway, street, and bridge construction	66	2 695	2 233	2 088	2 245	2 466	2 132	134 903	101 140	2
23731	Highway, street, and bridge construction	66	2 695	2 233	2 088	2 245	2 466	2 132	134 903	101 140	2
237310	Highway, street, and bridge construction	66	2 695	2 233	2 088	2 245	2 466	2 132	134 903	101 140	2
2379	Other heavy and civil engineering construction	66	550	444	344	399	574	458	26 406	20 376	18
23799	Other heavy and civil engineering construction	66	550	444	344	399	574	458	26 406	20 376	18
237990	Other heavy and civil engineering construction ..	66	550	444	344	399	574	458	26 406	20 376	18
238	Specialty trade contractors	1 279	9 763	7 504	6 881	7 116	8 589	7 430	366 942	278 168	4
2381	Foundation, structure, and building exterior contractors	197	2 109	1 713	1 701	1 408	1 970	1 775	56 613	41 556	6
23811	Poured concrete foundation and structure contractors	43	D	D	D	D	D	D	14 836	11 585	S
238110	Poured concrete foundation and structure contractors ..	43	D	D	D	D	D	D	14 836	11 585	S
23812	Structural steel and precast concrete contractors	14	240	154	167	122	152	176	11 915	8 318	20
238120	Structural steel and precast concrete contractors	14	240	154	167	122	152	176	11 915	8 318	20
23813	Framing contractors	^{s38} 206	171	126	108	108	232	218	4 504	3 350	31
238130	Framing contractors	^{s38} 206	171	126	108	108	232	218	4 504	3 350	31
23814	Masonry contractors	^{s33} 171	153	157	165	166	124	4 278	3 922	11	
238140	Masonry contractors	^{s33} 171	153	157	165	166	124	4 278	3 922	11	
23815	Glass and glazing contractors ..	5	D	D	37	^{s67} D	D	D	3 006	2 101	S
238150	Glass and glazing contractors	5	D	D	37	^{s67} D	D	D	3 006	2 101	S
23816	Roofing contractors	^{s57} 967	811	895	549	939	860	16 388	11 193	9	
238160	Roofing contractors	^{s57} 967	811	895	549	939	860	16 388	11 193	9	
23817	Siding contractors	^{s6} D	D	D	^{s44} D	D	37	D	D	D	S
238170	Siding contractors	^{s6} D	D	D	^{s44} D	D	37	D	D	D	S

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	
	ALASKA—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 . . .	1	D	D	D	D	D	D	D	D	S
238190	Other foundation, structure, and building exterior contractors . . .	1	D	D	D	D	D	D	D	D	S
2382	Building equipment contractors . . .	398	4 501	3 331	3 109	3 199	3 694	3 323	198 051	149 576	5
23821	Electrical Contractors	153	2 124	1 583	1 510	1 558	1 719	1 546	93 263	71 106	8
238210	Electrical Contractors	153	2 124	1 583	1 510	1 558	1 719	1 546	93 263	71 106	8
23822	Plumbing, heating, and air-conditioning contractors	229	2 232	1 659	1 516	1 543	1 875	1 700	97 793	73 456	7
238220	Plumbing, heating, and air-conditioning contractors	229	2 232	1 659	1 516	1 543	1 875	1 700	97 793	73 456	7
23829	Other building equipment contractors	16	145	90	83	98	100	77	6 996	5 015	5
238290	Other building equipment contractors	16	145	90	83	98	100	77	6 996	5 015	5
2383	Building finishing contractors	421	1 623	1 248	1 150	1 185	1 312	1 345	50 962	36 944	12
23831	Drywall and insulation contractors	113	470	365	385	360	354	362	15 338	12 251	21
238310	Drywall and insulation contractors	113	470	365	385	360	354	362	15 338	12 251	21
23832	Painting and wall covering contractors	111	417	317	263	283	336	387	11 788	8 538	20
238320	Painting and wall covering contractors	111	417	317	263	283	336	387	11 788	8 538	20
23833	Flooring contractors	^{s48}	^{s151}	^{s110}	^{s89}	^{s94}	^{s127}	^{s129}	4 448	2 561	^{s53}
238330	Flooring contractors	^{s48}	^{s151}	^{s110}	^{s89}	^{s94}	^{s127}	^{s129}	4 448	2 561	^{s53}
23834	Tile and terrazzo contractors	^{s46}	^{s132}	^{s109}	^{s100}	^{s116}	^{s113}	^{s108}	^{s2 985}	^{s2 566}	^{s49}
238340	Tile and terrazzo contractors	^{s46}	^{s132}	^{s109}	^{s100}	^{s116}	^{s113}	^{s108}	^{s2 985}	^{s2 566}	^{s49}
23835	Finish carpentry contractors	95	329	248	223	D	251	D	9 552	6 789	31
238350	Finish carpentry contractors	95	329	248	223	D	251	D	9 552	6 789	31
23839	Other building finishing contractors	^{s8}	^{s124}	^{s98}	90	D	^{s131}	D	6 850	4 239	^{s43}
238390	Other building finishing contractors	^{s8}	^{s124}	^{s98}	90	D	^{s131}	D	6 850	4 239	^{s43}
2389	Other specialty trade contractors	264	1 530	1 212	920	1 325	1 614	987	61 316	50 091	9
23891	Site preparation contractors	224	1 275	1 033	814	1 115	1 356	846	52 934	43 865	9
238910	Site preparation contractors	224	1 275	1 033	814	1 115	1 356	846	52 934	43 865	9
23899	All other specialty trade contractors	^{s40}	254	179	106	210	258	141	8 382	6 226	26
238990	All other specialty trade contractors	^{s40}	254	179	106	210	258	141	8 382	6 226	26

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
ALASKA											
23	Construction	1	4 417 369	4 365 499	3 316 097	2 167 997	1 199 970	1 049 402	95 890	111 074	869 330
236	Construction of buildings	1	1 682 501	1 658 060	945 254	529 253	440 443	712 805	16 261	21 752	163 237
2361	Residential building construction ..	2	567 182	555 693	375 091	203 929	182 651	180 602	5 006	7 313	42 030
23611	Residential building construction	2	567 182	555 693	375 091	203 929	182 651	180 602	5 006	7 313	42 030
236115	New single-family housing construction (except operative builders)	4	165 463	D	105 429	63 442	D	D	1 634	3 421	16 055
236116	New multifamily housing construction (except operative builders)	-	53 031	D	35 620	18 443	D	D	*1 274	D	1 562
236117	New housing operative builders	1	253 357	248 994	168 659	81 215	91 807	80 335	1 077	2 820	16 468
236118	Residential remodelers	5	95 331	95 331	65 383	40 829	24 554	29 948	1 021	D	7 945
2362	Nonresidential building construction	-	1 115 319	1 102 367	570 163	325 323	257 792	532 203	11 255	14 439	121 207
23621	Industrial building construction ..	2	32 622	D	19 206	22 314	D	D	575	*83	*2 628
236210	Industrial building construction	2	32 622	D	19 206	22 314	D	D	575	*83	*2 628
23622	Commercial and institutional building construction	-	1 082 696	D	550 957	303 010	D	D	10 680	14 356	118 579
236220	Commercial and institutional building construction	-	1 082 696	D	550 957	303 010	D	D	10 680	14 356	118 579
237	Heavy and civil engineering construction	-	1 375 925	1 361 882	1 162 876	813 121	363 798	199 006	53 925	51 628	442 226
2371	Utility system construction	-	445 809	444 630	386 965	297 753	90 391	57 665	18 467	7 285	75 205
23711	Water and sewer line and related structures construction	2	121 798	121 111	106 483	77 046	30 125	14 628	7 039	4 429	41 930
237110	Water and sewer line and related structures construction	2	121 798	121 111	106 483	77 046	30 125	14 628	7 039	4 429	41 930
23712	Oil and gas pipeline and related structures construction	-	258 001	257 806	222 013	171 553	50 655	35 793	8 876	1 212	D
237120	Oil and gas pipeline and related structures construction	-	258 001	257 806	222 013	171 553	50 655	35 793	8 876	1 212	D
23713	Power and communication line and related structures construction	1	66 010	65 713	58 469	49 154	9 612	7 244	2 553	1 644	D
237130	Power and communication line and related structures construction	1	66 010	65 713	58 469	49 154	9 612	7 244	2 553	1 644	D
2372	Land subdivision	2	27 498	D	21 772	20 132	D	D	110	1 598	5 972
23721	Land subdivision	2	27 498	D	21 772	20 132	D	D	110	1 598	5 972
237210	Land subdivision	2	27 498	D	21 772	20 132	D	D	110	1 598	5 972
2373	Highway, street, and bridge construction	-	803 909	795 903	671 158	433 683	245 482	124 745	31 195	36 333	310 805
23731	Highway, street, and bridge construction	-	803 909	795 903	671 158	433 683	245 482	124 745	31 195	36 333	310 805
237310	Highway, street, and bridge construction	-	803 909	795 903	671 158	433 683	245 482	124 745	31 195	36 333	310 805
2379	Other heavy and civil engineering construction	-	98 709	D	82 981	61 554	D	D	4 153	6 412	50 243
23799	Other heavy and civil engineering construction	-	98 709	D	82 981	61 554	D	D	4 153	6 412	50 243
237990	Other heavy and civil engineering construction	-	98 709	D	82 981	61 554	D	D	4 153	6 412	50 243
238	Specialty trade contractors	1	1 358 943	1 345 558	1 207 967	825 623	395 729	137 591	25 705	37 695	263 867
2381	Foundation, structure, and building exterior contractors	1	228 884	227 150	209 710	130 659	80 785	17 440	3 801	D	D
23811	Poured concrete foundation and structure contractors	4	49 710	49 471	47 507	29 859	17 887	1 964	1 302	1 258	D
238110	Poured concrete foundation and structure contractors ..	4	49 710	49 471	47 507	29 859	17 887	1 964	1 302	1 258	D
23812	Structural steel and precast concrete contractors	-	D	D	34 761	D	D	D	837	1 774	7 744
238120	Structural steel and precast concrete contractors	-	D	D	34 761	D	D	D	837	1 774	7 744
23813	Framing contractors	-	13 334	13 334	D	9 899	D	D	130	D	D
238130	Framing contractors	-	13 334	13 334	D	9 899	D	D	130	D	D
23814	Masonry contractors	4	18 847	D	D	9 096	D	D	148	D	D
238140	Masonry contractors	4	18 847	D	D	9 096	D	D	148	D	D
23815	Glass and glazing contractors ..	-	D	D	D	D	D	D	*272	D	1 013
238150	Glass and glazing contractors	-	D	D	D	D	D	D	*272	D	1 013
23816	Roofing contractors	-	91 073	90 984	84 617	50 454	34 252	6 367	1 030	1 090	10 605
238160	Roofing contractors	-	91 073	90 984	84 617	50 454	34 252	6 367	1 030	1 090	10 605
23817	Siding contractors	-	D	D	D	D	D	D	D	43	330
238170	Siding contractors	-	D	D	D	D	D	D	D	43	330
23819	Other foundation, structure, and building exterior contractors ..	-	D	D	D	D	D	D	D	-	-
238190	Other foundation, structure, and building exterior contractors	-	D	D	D	D	D	D	D	-	-

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 sub-contracted out to others	Total rental costs	Capital expenditures, except land	Gross book value of depreciable assets, end-of-year
ALASKA—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	—	693 102	687 319	606 400	415 589	196 594	80 919	11 378	13 693	78 761
23821	Electrical Contractors	1	279 607	D	D	187 661	D	D	5 758	7 583	37 797
23822	Electrical Contractors	1	279 607	D	D	187 661	D	D	5 758	7 583	37 797
238220	Plumbing, heating, and air-conditioning contractors	—	390 751	D	317 399	210 525	D	D	5 227	5 719	38 167
238220	Plumbing, heating, and air-conditioning contractors	—	390 751	D	317 399	210 525	D	D	5 227	5 719	38 167
23829	Other building equipment contractors	—	22 744	D	D	17 403	D	D	394	391	2 798
238290	Other building equipment contractors	—	22 744	D	D	17 403	D	D	394	391	2 798
2383	Building finishing contractors	3	193 791	191 947	173 290	114 236	60 898	18 657	3 999	D	D
23831	Drywall and insulation contractors	3	60 917	60 917	55 373	36 249	19 124	\$5 544	271	\$658	4 802
238310	Drywall and insulation contractors	3	60 917	60 917	55 373	36 249	19 124	\$5 544	271	\$658	4 802
23832	Painting and wall covering contractors	3	40 445	40 445	36 078	27 475	8 602	4 367	594	1 206	6 145
238320	Painting and wall covering contractors	3	40 445	40 445	36 078	27 475	8 602	4 367	594	1 206	6 145
23833	Flooring contractors	—	\$21 436	D	\$18 785	\$10 338	D	D	468	D	\$1 694
238330	Flooring contractors	—	\$21 436	D	\$18 785	\$10 338	D	D	468	D	\$1 694
23834	Tile and terrazzo contractors	5	\$10 227	\$10 227	\$9 947	\$5 587	\$4 360	\$280	\$345	D	D
238340	Tile and terrazzo contractors	5	\$10 227	\$10 227	\$9 947	\$5 587	\$4 360	\$280	\$345	D	D
23835	Finish carpentry contractors	5	41 370	D	35 811	23 348	D	D	\$934	D	D
238350	Finish carpentry contractors	5	41 370	D	35 811	23 348	D	D	\$934	D	D
23839	Other building finishing contractors	—	19 395	18 073	17 296	11 239	7 379	\$777	\$1 387	D	D
238390	Other building finishing contractors	—	19 395	18 073	17 296	11 239	7 379	\$777	\$1 387	D	D
2389	Other specialty trade contractors	1	243 166	239 142	218 566	165 139	57 452	20 575	6 526	16 723	132 673
23891	Site preparation contractors	1	213 227	209 450	190 585	150 141	44 220	18 865	5 975	15 361	122 071
238910	Site preparation contractors	1	213 227	209 450	190 585	150 141	44 220	18 865	5 975	15 361	122 071
23899	All other specialty trade contractors	3	29 939	29 692	27 981	14 998	13 231	1 710	550	1 362	10 601
238990	All other specialty trade contractors	3	29 939	29 692	27 981	14 998	13 231	1 710	550	1 362	10 601

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)
ALASKA		
All establishments number	2 359	6
All employees number	21 357	2
Construction workers in March number	14 486	3
Construction workers in May number	15 144	2
Construction workers in August number	18 083	3
Construction workers in November number	15 632	3
Average number of construction workers number	15 836	2
Other employees in March number	6 010	3
Other employees in May number	5 257	3
Other employees in August number	5 373	3
Other employees in November number	5 444	3
Average number of other employees number	5 521	2
Total payroll \$1,000	938 457	2
Construction workers \$1,000	652 374	2
Other employees \$1,000	286 083	2
First-quarter payroll, all employees \$1,000	198 276	2
Fringe benefits, all employees \$1,000	240 166	1
Legally required expenditures \$1,000	142 245	2
Voluntary expenditures \$1,000	97 922	2
Value of business done ¹ \$1,000	4 417 369	4
Value of construction work ¹ \$1,000	4 365 499	4
Value of construction work on government owned projects \$1,000	2 097 205	7
Value of construction work on federally owned projects \$1,000	641 388	3
Value of construction work on state and locally owned projects \$1,000	1 455 817	10
Value of construction work on privately owned projects \$1,000	2 268 294	2
Other business receipts \$1,000	51 869	13
Value of construction work subcontracted in from others \$1,000	1 403 091	5
Net value of construction work \$1,000	3 316 097	2
Value added \$1,000	2 167 997	2
Selected costs \$1,000	2 249 372	7
Materials, parts, and supplies \$1,000	1 138 341	3
Construction work subcontracted out to others \$1,000	1 049 402	13
Selected power, fuels, and lubricants \$1,000	61 629	3
Purchased electricity \$1,000	8 579	4
Natural gas and manufactured gas \$1,000	4 099	9
Gasoline and diesel fuel \$1,000	43 913	3
On-highway use of gasoline and diesel fuel \$1,000	23 229	4
Off-highway use of gasoline and diesel fuel \$1,000	20 683	4
All other fuels and lubricants \$1,000	5 039	3
Total rental costs \$1,000	95 890	3
Machinery and equipment \$1,000	69 419	3
Buildings \$1,000	26 471	4
Selected purchased services \$1,000	130 264	5
Communication services \$1,000	34 873	6
Repairs to buildings and other structures \$1,000	20 583	9
Repairs to machinery and equipment \$1,000	42 980	3
Legal services \$1,000	13 542	11
Accounting, auditing, and bookkeeping services \$1,000	10 225	7
Advertising and promotional services \$1,000	8 060	11
Beginning-of-year gross book value of depreciable assets \$1,000	791 749	3
Capital expenditures, other than land \$1,000	111 074	4
Retirements and disposition of depreciable assets \$1,000	33 494	3
End-of-year gross book value of depreciable assets \$1,000	869 330	3
Depreciation charges during year \$1,000	86 768	4
Establishments with inventories number	412	—
Value of construction work for establishments with inventories \$1,000	1 031 635	—
End-of-2002, inventories of materials and supplies \$1,000	34 370	9
End-of-2001, inventories of materials and supplies \$1,000	30 424	7
Establishments with no inventories number	1 782	—
Value of construction work for establishments with no inventories \$1,000	3 142 851	—
Establishments not reporting inventories number	165	—
Value of construction work for establishments not reporting inventores \$1,000	191 012	—

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
ALASKA											
All establishments	1	2 359	21 357	938 457	4 417 369	4 365 499	3 316 097	2 167 997	1 199 970	1 049 402	2
Establishments with—											
1 to 4 employees	3	1 404	2 918	77 507	442 420	429 777	343 013	221 970	133 686	86 764	10
5 to 9 employees	2	466	2 750	89 905	419 671	414 795	347 517	221 885	130 507	67 279	9
10 to 19 employees	2	280	3 618	152 879	613 933	602 714	463 321	313 490	161 049	139 393	6
20 to 49 employees	—	145	4 137	196 573	1 001 378	995 155	671 298	424 852	252 668	^s 323 858	5
50 to 99 employees	—	42	2 893	142 162	781 520	775 802	501 200	309 347	197 571	274 602	—
100 to 249 employees	—	17	2 488	142 681	629 051	618 609	503 173	327 394	186 221	115 436	—
250 to 499 employees	—	3	D	D	D	D	D	D	D	D	S
500 to 999 employees	—	1	D	D	D	D	D	D	D	D	S
1,000 employees or more	—	1	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
ALASKA											
All establishments	1	2 359	21 357	938 457	4 417 369	4 365 499	3 316 097	2 167 997	1 199 970	1 049 402	2
Establishments with value of business done—											
Less than \$25,000	6	S	S	13	66	66	D	46	D	D	S
\$25,000 to \$49,999	6	S	S	⁹ 17	4 840	4 840	D	³ 417	D	D	S
\$50,000 to \$99,999	5	140	219	2 518	9 277	9 277	8 310	5 888	2 421	⁹ 67	31
\$100,000 to \$249,999	4	598	1 149	24 908	101 015	99 956	85 131	56 715	29 475	14 825	15
\$250,000 to \$499,999	3	507	1 737	43 570	184 926	183 882	158 675	103 488	56 231	25 207	15
\$500,000 to \$999,999	2	362	1 983	61 473	248 892	246 583	213 750	133 292	82 767	32 833	11
\$1,000,000 to \$2,499,999	1	328	3 323	136 575	496 093	484 387	413 090	277 573	147 222	71 298	7
\$2,500,000 to \$4,999,999	2	145	2 839	119 575	513 198	497 270	396 632	272 588	139 972	100 638	7
\$5,000,000 to \$9,999,999	1	73	2 378	127 853	517 687	515 356	405 878	268 560	139 648	109 478	2
\$10,000,000 or more	—	79	7 619	421 054	2 341 375	2 323 882	1 630 266	1 046 430	601 329	693 616	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)
ALASKA		
Total	4 365 499	4
Construction work done in Alaska	4 330 198	4

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
ALASKA								
Total	4 365 499	2 856 221	930 487	578 791	4	5	2	2
Building construction, total	2 639 499	1 752 418	580 681	306 400	6	9	3	3
Single-family houses, detached and attached	745 071	530 794	146 754	67 523	4	5	9	7
Single-family houses, detached	607 597	416 536	135 969	55 093	5	6	9	9
Single-family houses, attached	137 474	114 258	10 785	12 431	7	8	17	5
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives	113 247	73 789	19 944	19 514	12	17	22	20
Dormitories and barracks	104 483	78 334	15 097	11 053	4	3	15	6
Manufacturing and industrial warehouses	64 735	55 780	5 999	2 956	9	10	7	11
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories	61 350	42 211	11 193	7 945	7	6	14	17
Hotels, motels, and tourist cabins	48 367	31 084	13 253	4 030	8	3	30	8
Office buildings	297 446	169 510	87 629	40 307	5	5	5	14
Stores, restaurants, and automobile service stations, and other commercial buildings	323 438	194 867	81 472	47 099	3	4	6	8
Commercial warehouses such as distribution buildings and mini-storage	49 959	37 984	8 549	3 427	9	11	6	6
Educational buildings	501 709	383 778	91 620	26 311	29	38	6	18
Health care and institutional buildings	106 049	52 386	41 543	12 119	4	4	4	3
Public safety buildings such as prisons, police, and fire stations	126 713	45 804	22 293	58 616	3	2	8	4
Other building construction	96 932	56 098	35 336	5 499	6	9	5	11
Nonbuilding construction, total	1 576 168	953 972	349 805	272 391	2	2	2	3
Highways, streets, and related work, such as installation of guardrails and signs	641 856	317 446	169 653	154 757	2	1	2	3
Airport runways and related work	104 967	69 959	29 531	5 477	5	2	18	2
Private driveways and parking areas	58 930	36 570	13 547	8 812	8	8	9	10
Bridges and elevated highways	40 363	19 371	18 406	2 586	3	5	3	—
Sewers, water mains, and related facilities	206 289	108 986	43 913	53 389	8	11	6	10
Sewers, sewer lines, septic systems, and related facilities	86 650	55 329	19 281	12 040	16	19	14	33
Water mains, storage, and related facilities	119 638	53 656	24 632	41 350	6	11	3	8
Oil and gas pipelines (except gathering), pumping stations, storage tanks, and mains	83 899	71 367	6 352	6 179	1	1	2	2
Power and communication transmission lines, cables, towers, and related facilities	72 916	52 046	13 353	7 517	10	14	—	2
Oil and gas field gathering lines	D	D	D	D	S	S	S	S
Other nonbuilding construction	D	D	D	D	S	S	S	S
Construction work, nsk	149 831	149 831	—	—	—	—	—	—

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)
ALASKA		
Total	4 417 369	4
Building construction, total	1 492 773	10
Building construction on land owned by you, for sale	183 706	9
Building construction on land owned by others	1 072 054	14
Remodeling contractor	158 587	8
Construction management, agency or fee only (for building construction)	78 426	3
Heavy construction and civil engineering construction, total	1 334 724	2
Highway and street general contractor	317 901	2
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways	373 872	2
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	437 367	1
Cable and conduit laying contractor	55 901	4
Excavation work, earthmoving or land clearing contractor, not connected with buildings	149 682	12
Special trade contractors, total	795 039	4
Heating, ventilation and air-conditioning contractor (HVAC)	152 396	8
Mechanical contractor	72 600	7
Plumbing contractor	116 895	8
Painting contractor	38 293	19
Electric power installation and service contractor, including lighting	176 358	6
Finish carpentry contractor	46 581	22
Roofing contractor, except sheet metal	72 788	7
Excavation work: earthmoving or land clearing contractor, connected with buildings	119 129	7
All other construction activities	595 031	4
Other business activities secondary to construction activities, total	49 971	13
All other business activities secondary to construction activities	49 971	13
Kind of business activity, nsk	149 831	23

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.