

Arizona: 2002

Issued September 2005

EC02-23A-AZ

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	
ARIZONA											
23	Construction	12 991	174 871	134 029	129 827	133 445	136 226	136 618	5 628 936	3 825 246	2
236	Construction of buildings	3 583	33 641	20 376	19 625	20 062	21 157	20 662	1 220 511	591 493	3
2361	Residential building construction ..	2 927	20 623	12 261	11 809	12 412	12 615	12 209	744 672	340 851	3
23611	Residential building construction ..	2 927	20 623	12 261	11 809	12 412	12 615	12 209	744 672	340 851	3
236115	New single-family housing construction (except operative builders)	1 022	5 690	3 767	3 576	3 763	3 755	3 975	188 617	94 033	7
236116	New multifamily housing construction (except operative builders)	83	878	462	435	501	494	416	30 771	12 721	19
236117	New housing operative builders	406	8 395	4 166	3 877	4 233	4 354	4 201	378 633	147 529	3
236118	Residential remodelers	1 416	5 660	3 866	3 921	3 916	4 012	3 616	146 650	86 567	8
2362	Nonresidential building construction	656	13 018	8 115	7 816	7 649	8 541	8 454	475 839	250 642	4
23621	Industrial building construction ..	9	366	291	271	279	287	328	17 066	12 204	—
236210	Industrial building construction ..	9	366	291	271	279	287	328	17 066	12 204	—
23622	Commercial and institutional building construction	647	12 653	7 824	7 545	7 370	8 254	8 126	458 773	238 438	4
236220	Commercial and institutional building construction	647	12 653	7 824	7 545	7 370	8 254	8 126	458 773	238 438	4
237	Heavy and civil engineering construction	876	24 224	18 288	18 254	18 385	17 836	18 677	939 221	642 578	4
2371	Utility system construction	382	13 443	10 395	10 399	10 413	10 168	10 599	541 682	375 958	6
23711	Water and sewer line and related structures construction	236	4 497	3 678	3 765	3 674	3 614	3 658	146 732	97 405	9
237110	Water and sewer line and related structures construction	236	4 497	3 678	3 765	3 674	3 614	3 658	146 732	97 405	9
23712	Oil and gas pipeline and related structures construction	11	870	748	734	717	740	799	30 580	26 230	—
237120	Oil and gas pipeline and related structures construction	11	870	748	734	717	740	799	30 580	26 230	—
23713	Power and communication line and related structures construction	134	8 076	5 969	5 900	6 021	5 814	6 143	364 370	252 323	9
237130	Power and communication line and related structures construction	134	8 076	5 969	5 900	6 021	5 814	6 143	364 370	252 323	9
2372	Land subdivision	225	1 688	602	652	563	553	638	59 849	21 572	12
23721	Land subdivision	225	1 688	602	652	563	553	638	59 849	21 572	12
237210	Land subdivision	225	1 688	602	652	563	553	638	59 849	21 572	12
2373	Highway, street, and bridge construction	160	7 814	6 285	6 212	6 367	6 185	6 375	297 597	212 733	2
23731	Highway, street, and bridge construction	160	7 814	6 285	6 212	6 367	6 185	6 375	297 597	212 733	2
237310	Highway, street, and bridge construction	160	7 814	6 285	6 212	6 367	6 185	6 375	297 597	212 733	2
2379	Other heavy and civil engineering construction	110	1 279	1 007	991	1 042	930	1 065	40 093	*32 315	37
23799	Other heavy and civil engineering construction	110	1 279	1 007	991	1 042	930	1 065	40 093	*32 315	37
237990	Other heavy and civil engineering construction ..	110	1 279	1 007	991	1 042	930	1 065	40 093	*32 315	37
238	Specialty trade contractors	8 532	117 005	95 364	91 948	94 998	97 233	97 278	3 469 204	2 591 175	4
2381	Foundation, structure, and building exterior contractors	2 012	45 287	38 953	37 419	38 521	39 349	40 524	1 278 305	1 024 748	8
23811	Poured concrete foundation and structure contractors	541	10 074	8 584	7 868	8 308	8 740	9 420	285 279	219 808	5
238110	Poured concrete foundation and structure contractors ..	541	10 074	8 584	7 868	8 308	8 740	9 420	285 279	219 808	5
23812	Structural steel and precast concrete contractors	61	1 564	1 330	1 243	1 302	1 419	1 356	51 170	39 195	16
238120	Structural steel and precast concrete contractors	61	1 564	1 330	1 243	1 302	1 419	1 356	51 170	39 195	16
23813	Framing contractors	318	15 237	13 404	12 580	13 304	13 487	14 243	469 924	396 247	24
238130	Framing contractors	318	15 237	13 404	12 580	13 304	13 487	14 243	469 924	396 247	24
23814	Masonry contractors	624	12 428	11 239	11 487	11 321	11 225	10 924	313 322	264 095	7
238140	Masonry contractors	624	12 428	11 239	11 487	11 321	11 225	10 924	313 322	264 095	7
23815	Glass and glazing contractors ..	91	934	614	668	583	611	594	33 107	19 107	9
238150	Glass and glazing contractors	91	934	614	668	583	611	594	33 107	19 107	9
23816	Roofing contractors	298	4 213	3 312	3 071	3 198	3 419	3 559	103 683	71 848	7
238160	Roofing contractors	298	4 213	3 312	3 071	3 198	3 419	3 559	103 683	71 848	7
23817	Siding contractors	4	82	66	60	66	71	65	2 661	1 856	—
238170	Siding contractors	4	82	66	60	66	71	65	2 661	1 856	—

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	
ARIZONA—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...	574	754	405	442	440	376	364	19 158	12 592	30
238190	Other foundation, structure, and building exterior contractors	574	754	405	442	440	376	364	19 158	12 592	30
2382	Building equipment contractors ...	2 718	33 746	26 208	25 338	26 261	26 843	26 390	1 112 601	808 401	3
23821	Electrical Contractors	1 174	14 603	11 803	11 552	11 748	12 074	11 838	488 504	360 026	5
238210	Electrical Contractors	1 174	14 603	11 803	11 552	11 748	12 074	11 838	488 504	360 026	5
23822	Plumbing, heating, and air-conditioning contractors	1 510	18 075	13 638	13 095	13 762	13 999	13 698	584 412	420 945	3
238220	Plumbing, heating, and air-conditioning contractors	1 510	18 075	13 638	13 095	13 762	13 999	13 698	584 412	420 945	3
23829	Other building equipment contractors	34	1 069	767	691	751	771	853	39 685	27 430	11
238290	Other building equipment contractors	34	1 069	767	691	751	771	853	39 685	27 430	11
2383	Building finishing contractors	2 569	24 759	20 250	19 713	20 527	20 473	20 289	668 382	491 890	4
23831	Drywall and insulation contractors	486	11 217	9 916	9 827	10 164	9 953	9 720	313 150	244 944	5
238310	Drywall and insulation contractors	486	11 217	9 916	9 827	10 164	9 953	9 720	313 150	244 944	5
23832	Painting and wall covering contractors	841	5 659	4 804	4 542	4 892	4 897	4 883	120 137	92 253	8
238320	Painting and wall covering contractors	841	5 659	4 804	4 542	4 892	4 897	4 883	120 137	92 253	8
23833	Flooring contractors	318	1 797	1 108	1 078	1 141	1 105	1 106	62 974	35 532	15
238330	Flooring contractors	318	1 797	1 108	1 078	1 141	1 105	1 106	62 974	35 532	15
23834	Tile and terrazzo contractors	422	2 184	1 693	1 683	1 680	1 695	1 714	55 766	41 429	12
238340	Tile and terrazzo contractors	422	2 184	1 693	1 683	1 680	1 695	1 714	55 766	41 429	12
23835	Finish carpentry contractors ...	389	2 996	2 059	1 935	2 005	2 150	2 147	88 051	59 564	12
238350	Finish carpentry contractors ...	389	2 996	2 059	1 935	2 005	2 150	2 147	88 051	59 564	12
23839	Other building finishing contractors	113	907	671	649	645	672	719	28 303	18 168	23
238390	Other building finishing contractors	113	907	671	649	645	672	719	28 303	18 168	23
2389	Other specialty trade contractors .	1 232	13 212	9 953	9 479	9 689	10 569	10 076	409 917	266 136	6
23891	Site preparation contractors	565	6 017	4 791	4 467	4 627	5 141	4 930	198 696	143 483	8
238910	Site preparation contractors ..	565	6 017	4 791	4 467	4 627	5 141	4 930	198 696	143 483	8
23899	All other specialty trade contractors	667	7 196	5 162	5 012	5 062	5 428	5 146	211 221	122 653	9
238990	All other specialty trade contractors	667	7 196	5 162	5 012	5 062	5 428	5 146	211 221	122 653	9

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
ARIZONA											
23	Construction	1	28 926 214	28 589 815	19 926 458	12 949 890	7 312 967	8 663 357	411 701	389 121	2 990 314
236	Construction of buildings	1	13 877 603	13 790 605	6 866 975	4 859 992	2 093 982	6 923 629	84 898	68 844	463 529
2361	Residential building construction	1	9 003 236	8 944 590	4 867 059	3 405 155	1 520 550	4 077 531	38 722	49 007	280 871
23611	Residential building construction	1	9 003 236	8 944 590	4 867 059	3 405 155	1 520 550	4 077 531	38 722	49 007	280 871
236115	New single-family housing construction (except operative builders)	1	1 632 233	1 624 290	760 803	413 406	355 340	863 488	6 899	10 290	70 640
236116	New multifamily housing construction (except operative builders)	2	355 251	354 588	149 397	76 055	74 005	205 191	1 151	818	9 152
236117	New housing operative builders	-	6 309 442	6 264 714	3 483 595	2 632 895	895 428	2 781 119	24 501	30 949	152 203
236118	Residential remodelers	3	706 310	700 997	473 264	282 800	195 777	227 733	6 172	6 950	48 876
2362	Nonresidential building construction	-	4 874 367	4 846 015	1 999 916	1 454 837	573 432	2 846 099	46 176	19 838	182 658
23621	Industrial building construction	-	52 766	52 766	31 445	12 069	19 376	21 321	1 468	413	7 747
236210	Industrial building construction	-	52 766	52 766	31 445	12 069	19 376	21 321	1 468	413	7 747
23622	Commercial and institutional building construction	-	4 821 601	4 793 249	1 968 471	1 442 768	554 056	2 824 778	44 708	19 425	174 911
236220	Commercial and institutional building construction	-	4 821 601	4 793 249	1 968 471	1 442 768	554 056	2 824 778	44 708	19 425	174 911
237	Heavy and civil engineering construction	1	3 960 899	3 858 891	3 055 923	2 083 726	1 074 206	802 967	132 200	100 519	946 238
2371	Utility system construction	-	1 512 017	1 493 760	1 337 634	1 008 019	347 872	156 126	56 992	40 047	339 763
23711	Water and sewer line and related structures construction	-	656 722	D	D	320 336	D	D	29 910	18 325	169 499
237110	Water and sewer line and related structures construction	-	656 722	D	D	320 336	D	D	29 910	18 325	169 499
23712	Oil and gas pipeline and related structures construction	-	84 816	D	D	66 447	D	D	6 017	7 561	D
237120	Oil and gas pipeline and related structures construction	-	84 816	D	D	66 447	D	D	6 017	7 561	D
23713	Power and communication line and related structures construction	1	770 479	D	706 672	621 236	D	D	21 065	14 161	D
237130	Power and communication line and related structures construction	1	770 479	D	706 672	621 236	D	D	21 065	14 161	D
2372	Land subdivision	2	658 428	630 722	440 065	368 430	99 341	190 657	6 212	13 020	123 427
23721	Land subdivision	2	658 428	630 722	440 065	368 430	99 341	190 657	6 212	13 020	123 427
237210	Land subdivision	2	658 428	630 722	440 065	368 430	99 341	190 657	6 212	13 020	123 427
2373	Highway, street, and bridge construction	1	1 639 193	1 584 142	1 135 458	593 152	597 358	448 683	65 986	39 684	407 513
23731	Highway, street, and bridge construction	1	1 639 193	1 584 142	1 135 458	593 152	597 358	448 683	65 986	39 684	407 513
237310	Highway, street, and bridge construction	1	1 639 193	1 584 142	1 135 458	593 152	597 358	448 683	65 986	39 684	407 513
2379	Other heavy and civil engineering construction	-	151 261	150 267	142 766	114 125	29 635	7 501	3 010	7 767	75 536
23799	Other heavy and civil engineering construction	-	151 261	150 267	142 766	114 125	29 635	7 501	3 010	7 767	75 536
237990	Other heavy and civil engineering construction	-	151 261	150 267	142 766	114 125	29 635	7 501	3 010	7 767	75 536
238	Specialty trade contractors	1	11 087 712	10 940 320	10 003 559	6 006 173	4 144 779	936 761	194 603	219 758	1 580 546
2381	Foundation, structure, and building exterior contractors	-	4 110 016	4 042 387	3 746 858	2 091 847	1 722 639	295 529	47 393	76 602	426 580
23811	Poured concrete foundation and structure contractors	1	917 123	916 246	856 746	472 624	385 000	59 499	12 619	13 940	115 103
238110	Poured concrete foundation and structure contractors	1	917 123	916 246	856 746	472 624	385 000	59 499	12 619	13 940	115 103
23812	Structural steel and precast concrete contractors	-	140 016	139 867	127 287	79 373	48 062	12 580	3 167	5 677	23 005
238120	Structural steel and precast concrete contractors	-	140 016	139 867	127 287	79 373	48 062	12 580	3 167	5 677	23 005
23813	Framing contractors	-	1 698 064	D	1 457 988	785 173	D	D	12 430	36 530	119 255
238130	Framing contractors	-	1 698 064	D	1 457 988	785 173	D	D	12 430	36 530	119 255
23814	Masonry contractors	-	770 127	769 732	749 817	456 000	294 212	19 916	9 326	12 661	108 025
238140	Masonry contractors	-	770 127	769 732	749 817	456 000	294 212	19 916	9 326	12 661	108 025
23815	Glass and glazing contractors	1	117 385	D	112 097	D	D	D	4 225	D	11 123
238150	Glass and glazing contractors	1	117 385	D	112 097	D	D	D	4 225	D	11 123
23816	Roofing contractors	-	396 887	395 181	376 027	190 886	186 847	19 155	3 582	4 342	43 222
238160	Roofing contractors	-	396 887	395 181	376 027	190 886	186 847	19 155	3 582	4 342	43 222
23817	Siding contractors	-	D	D	7 835	D	D	D	196	D	D
238170	Siding contractors	-	D	D	7 835	D	D	D	196	D	D
23819	Other foundation, structure, and building exterior contractors	-	D	D	59 062	D	D	D	1 848	D	D
238190	Other foundation, structure, and building exterior contractors	-	D	D	59 062	D	D	D	1 848	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 subcontracted out to others	Total rental costs	Capital expenditures, except land	Gross book value of depreciable assets, end-of-year
ARIZONA—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	1	3 440 281	3 421 774	3 215 078	1 920 551	1 313 034	206 695	60 711	54 204	440 898
23821	Electrical Contractors	1	1 329 732	D	1 265 446	789 863	D	D	22 907	21 301	161 373
238210	Electrical Contractors	1	1 329 732	D	1 265 446	789 863	D	D	22 907	21 301	161 373
23822	Plumbing, heating, and air-conditioning contractors	1	1 967 940	1 958 430	1 816 545	1 049 322	776 733	141 885	34 915	31 609	272 270
238220	Plumbing, heating, and air-conditioning contractors	1	1 967 940	1 958 430	1 816 545	1 049 322	776 733	141 885	34 915	31 609	272 270
23829	Other building equipment contractors	2	142 609	D	133 087	81 366	D	D	2 890	1 294	7 255
238290	Other building equipment contractors	2	142 609	D	133 087	81 366	D	D	2 890	1 294	7 255
2383	Building finishing contractors	2	1 960 456	1 940 515	1 766 435	1 140 455	645 922	174 080	34 850	26 346	228 784
23831	Drywall and insulation contractors	2	859 217	857 735	777 228	510 657	268 052	80 508	16 750	8 370	78 256
238310	Drywall and insulation contractors	2	859 217	857 735	777 228	510 657	268 052	80 508	16 750	8 370	78 256
23832	Painting and wall covering contractors	2	302 986	302 468	290 676	200 100	91 093	11 793	4 823	6 392	41 794
238320	Painting and wall covering contractors	2	302 986	302 468	290 676	200 100	91 093	11 793	4 823	6 392	41 794
23833	Flooring contractors	—	212 632	210 378	180 150	102 905	79 499	30 228	4 570	3 997	26 942
238330	Flooring contractors	—	212 632	210 378	180 150	102 905	79 499	30 228	4 570	3 997	26 942
23834	Tile and terrazzo contractors . . .	1	172 702	172 439	167 294	110 963	56 594	5 145	1 789	2 443	18 694
238340	Tile and terrazzo contractors . . .	1	172 702	172 439	167 294	110 963	56 594	5 145	1 789	2 443	18 694
23835	Finish carpentry contractors . . .	2	341 645	327 353	283 469	175 568	122 193	43 884	4 924	4 428	⁵ 55 702
238350	Finish carpentry contractors . . .	2	341 645	327 353	283 469	175 568	122 193	43 884	4 924	4 428	⁵ 55 702
23839	Other building finishing contractors	1	71 273	70 142	67 620	40 261	28 490	2 522	1 993	717	⁷ 397
238390	Other building finishing contractors	1	71 273	70 142	67 620	40 261	28 490	2 522	1 993	717	⁷ 397
2389	Other specialty trade contractors . .	1	1 576 959	1 535 644	1 275 188	853 319	463 184	260 457	51 649	62 606	484 285
23891	Site preparation contractors	1	747 726	745 393	644 885	424 055	223 163	100 508	30 836	43 369	314 641
238910	Site preparation contractors	1	747 726	745 393	644 885	424 055	223 163	100 508	30 836	43 369	314 641
23899	All other specialty trade contractors	1	829 234	790 251	630 303	429 264	240 021	159 948	20 813	19 237	169 644
238990	All other specialty trade contractors	1	829 234	790 251	630 303	429 264	240 021	159 948	20 813	19 237	169 644

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)
ARIZONA		
All establishments number	12 991	3
All employees number	174 871	2
Construction workers in March number	129 827	3
Construction workers in May number	133 445	3
Construction workers in August number	136 226	3
Construction workers in November number	136 618	3
Average number of construction workers number	134 029	3
Other employees in March number	43 624	2
Other employees in May number	39 475	2
Other employees in August number	40 148	2
Other employees in November number	40 119	2
Average number of other employees number	40 841	2
Total payroll \$1,000	5 628 936	2
Construction workers \$1,000	3 825 246	3
Other employees \$1,000	1 803 690	1
First-quarter payroll, all employees \$1,000	1 344 442	2
Fringe benefits, all employees \$1,000	1 074 507	2
Legally required expenditures \$1,000	706 158	3
Voluntary expenditures \$1,000	368 349	1
Value of business done ¹ \$1,000	28 926 214	2
Value of construction work ¹ \$1,000	28 589 815	2
Value of construction work on government owned projects \$1,000	5 972 541	1
Value of construction work on federally owned projects \$1,000	1 531 784	2
Value of construction work on state and locally owned projects \$1,000	4 440 758	1
Value of construction work on privately owned projects \$1,000	22 617 274	2
Other business receipts \$1,000	336 399	2
Value of construction work subcontracted in from others \$1,000	10 624 277	4
Net value of construction work \$1,000	19 926 458	2
Value added \$1,000	12 949 890	2
Selected costs \$1,000	15 976 324	2
Materials, parts, and supplies \$1,000	6 982 479	3
Construction work subcontracted out to others \$1,000	8 663 357	2
Selected power, fuels, and lubricants \$1,000	330 488	2
Purchased electricity \$1,000	55 666	2
Natural gas and manufactured gas \$1,000	19 174	3
Gasoline and diesel fuel \$1,000	236 338	2
On-highway use of gasoline and diesel fuel \$1,000	178 798	2
Off-highway use of gasoline and diesel fuel \$1,000	57 541	3
All other fuels and lubricants \$1,000	19 311	7
Total rental costs \$1,000	411 701	2
Machinery and equipment \$1,000	270 109	2
Buildings \$1,000	141 592	2
Selected purchased services \$1,000	767 168	2
Communication services \$1,000	222 554	2
Repairs to buildings and other structures \$1,000	105 652	2
Repairs to machinery and equipment \$1,000	185 540	3
Legal services \$1,000	47 647	6
Accounting, auditing, and bookkeeping services \$1,000	90 188	10
Advertising and promotional services \$1,000	115 587	4
Beginning-of-year gross book value of depreciable assets \$1,000	2 756 980	3
Capital expenditures, other than land \$1,000	389 121	5
Retirements and disposition of depreciable assets \$1,000	155 787	5
End-of-year gross book value of depreciable assets \$1,000	2 990 314	3
Depreciation charges during year \$1,000	347 032	2
Establishments with inventories number	1 920	—
Value of construction work for establishments with inventories \$1,000	7 086 045	—
End-of-2002, inventories of materials and supplies \$1,000	501 393	3
End-of-2001, inventories of materials and supplies \$1,000	428 372	2
Establishments with no inventories number	10 165	—
Value of construction work for establishments with no inventories \$1,000	20 547 230	—
Establishments not reporting inventories number	906	—
Value of construction work for establishments not reporting inventores \$1,000	956 540	—

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
ARIZONA											
All establishments	1	12 991	174 871	5 628 936	28 926 214	28 589 815	19 926 458	12 949 890	7 312 967	8 663 357	2
Establishments with—											
1 to 4 employees	3	7 282	15 076	338 685	2 124 301	2 109 862	1 527 656	918 579	623 517	582 206	5
5 to 9 employees	2	2 431	16 154	428 716	1 900 417	1 884 068	1 410 248	820 636	605 960	473 821	7
10 to 19 employees	2	1 603	21 303	623 220	2 842 476	2 814 754	2 000 838	1 214 339	814 222	813 916	6
20 to 49 employees	1	968	28 979	1 003 049	5 174 714	5 124 730	3 656 927	2 499 078	1 207 833	1 467 803	3
50 to 99 employees	—	404	27 120	924 292	5 121 822	5 025 772	3 544 727	2 513 913	1 126 863	1 481 046	3
100 to 249 employees	—	237	34 553	1 149 442	6 592 893	6 571 421	4 343 081	2 843 309	1 521 244	2 228 340	11
250 to 499 employees	—	44	14 832	524 500	2 956 405	2 939 935	1 752 449	941 427	827 492	1 187 486	—
500 to 999 employees	1	17	10 551	400 821	1 639 919	1 546 207	D	745 240	D	D	—
1,000 employees or more	—	4	6 303	236 210	573 266	573 066	D	453 369	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
ARIZONA											
All establishments	1	12 991	174 871	5 628 936	28 926 214	28 589 815	19 926 458	12 949 890	7 312 967	8 663 357	2
Establishments with value of business done—											
Less than \$25,000	9	S	S	\$581	\$2 349	\$2 349	\$2 183	\$1 685	\$498	\$166	\$40
\$25,000 to \$49,999	6	S	S	6 160	20 758	20 658	19 143	12 765	6 478	1 515	19
\$50,000 to \$99,999	4	1 526	2 409	31 521	113 315	111 883	97 867	66 408	32 890	14 016	11
\$100,000 to \$249,999	3	3 128	8 404	151 370	527 803	524 687	467 252	295 610	174 758	57 435	8
\$250,000 to \$499,999	3	2 423	10 933	240 506	888 625	879 136	755 964	485 396	280 058	123 171	8
\$500,000 to \$999,999	2	1 984	14 756	369 386	1 417 448	1 405 420	1 158 383	712 704	457 707	247 037	7
\$1,000,000 to \$2,499,999	2	1 728	24 426	723 441	2 689 346	2 667 849	2 143 981	1 310 880	854 599	523 868	6
\$2,500,000 to \$4,999,999	1	638	20 100	657 024	2 231 016	2 213 002	1 853 819	1 171 642	700 192	359 182	4
\$5,000,000 to \$9,999,999	1	425	21 603	739 560	2 953 257	2 923 053	2 255 291	1 356 667	928 829	667 761	5
\$10,000,000 or more	—	498	71 498	2 709 389	18 082 297	17 841 779	11 172 574	7 536 134	3 876 958	6 669 205	3

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)
ARIZONA		
Total	28 589 815	2
Construction work done in Arizona	26 936 938	2
Construction work done in California	719 136	8
Construction work done in Hawaii	117 602	1
Construction work done in Nevada	189 604	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
ARIZONA								
Total	28 589 815	23 119 806	3 422 333	2 047 676	2	2	2	2
Building construction, total	22 507 257	18 471 669	2 612 467	1 423 121	2	3	3	3
Single-family houses, detached and attached	13 224 780	11 759 894	915 639	549 247	3	4	5	6
Single-family houses, detached	12 534 024	11 188 343	857 664	488 017	4	4	5	7
Single-family houses, attached	690 756	571 551	57 975	61 230	8	10	14	12
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives	915 818	751 376	95 904	68 538	10	11	24	10
Manufacturing and industrial warehouses	466 305	361 375	56 592	48 338	23	29	9	12
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories	310 765	178 621	79 080	53 064	2	2	5	5
Hotels, motels, and tourist cabins	430 503	379 484	34 083	16 936	1	1	7	13
Office buildings	1 957 943	1 307 130	487 870	162 943	3	2	8	4
Stores, restaurants, and automobile service stations, and other commercial buildings	1 790 379	1 302 395	338 925	149 059	3	4	9	9
Commercial warehouses such as distribution buildings and mini-storage	313 922	233 414	52 612	27 896	5	4	11	16
Religious buildings	247 223	180 837	48 143	18 242	5	5	9	7
Educational buildings	1 441 147	913 655	267 859	259 633	2	3	5	2
Health care and institutional buildings	652 796	449 778	166 911	36 106	2	2	4	10
Public safety buildings such as prisons, police, and fire stations	334 401	302 606	19 814	11 981	2	2	11	34
Amusement, social, and recreational buildings	230 465	201 852	21 146	7 467	2	2	4	9
Other building construction	190 810	149 251	27 886	13 672	4	5	4	6
Nonbuilding construction, total	4 987 443	3 553 022	809 866	624 555	2	2	2	4
Highways, streets, and related work, such as installation of guardrails and signs	1 648 391	1 188 984	329 635	129 772	2	3	2	8
Private driveways and parking areas	236 236	127 373	32 955	75 908	13	8	22	23
Bridges and elevated highways	203 238	175 572	23 817	3 849	1	1	1	6
Sewers, water mains, and related facilities	858 517	673 692	99 176	85 649	4	3	9	10
Sewers, sewer lines, septic systems, and related facilities	467 828	379 154	50 791	37 883	6	6	13	15
Water mains, storage, and related facilities	390 689	294 538	48 385	47 766	4	3	10	14
Power and communication transmission lines, cables, towers, and related facilities	559 457	359 988	97 222	102 247	7	9	9	11
Power plants	218 952	105 160	6 552	107 241	1	—	1	3
Outdoor swimming pools	D	D	D	D	S	S	S	S
Other nonbuilding construction	D	D	D	D	S	S	S	S
Construction work, nsk	1 095 116	1 095 116	—	—	—	—	—	—

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)
ARIZONA		
Total	28 926 214	2
Building construction, total	12 495 206	2
Building construction on land owned by you, for sale	5 879 283	2
Building construction on land owned by others	5 000 995	4
Remodeling contractor	1 127 641	6
Construction management, at risk (for building construction)	487 286	1
Heavy construction and civil engineering construction, total	3 918 557	2
Subdividing and servicing of raw land into lots, for sale by you	678 210	11
Highway and street general contractor	1 101 078	2
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways	391 317	3
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	1 127 061	3
Cable and conduit laying contractor	345 039	10
Excavation work, earthmoving or land clearing contractor, not connected with buildings	275 852	8
Special trade contractors, total	8 125 750	5
Heating, ventilation and air-conditioning contractor (HVAC)	933 434	5
Plumbing contractor	673 293	4
Painting contractor	332 669	6
Electric power installation and service contractor, including lighting	994 290	5
Masonry contractor, brick, block, or stone (except brick paving)	356 793	6
Drywall contractor	548 427	4
Plastering contractor, including stucco, exterior	315 415	13
Finish carpentry contractor	296 808	9
Framing contractor, except steel	1 500 517	26
Roofing contractor, except sheet metal	376 016	5
Asphalt, concrete, and brick paving contractor, residential or commercial driveways and parking areas	222 477	13
Foundation contractor, concrete	366 956	4
Concrete Contractor (except paving or foundation)	510 580	8
Excavation work: earthmoving or land clearing contractor, connected with buildings	369 181	8
Swimming pool contractor	328 895	8
All other construction activities	2 985 506	3
Other business activities secondary to construction activities, total	333 526	2
All other business activities secondary to construction activities	333 526	2
Kind of business activity, nsk	1 067 669	9

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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