

California: 2002

Issued August 2005

EC02-23A-CA

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



CONTENTS

Introduction to the Economic Census	v
Construction	ix
Tables	
1. Employment Statistics for Establishments by State: 2002	1
2. General Statistics for Establishments by State: 2002	3
3. Detailed Statistics for Establishments: 2002	5
4. Selected Statistics for Establishments by Employment Size Class: 2002	6
5. Selected Statistics for Establishments by Dollar Value of Business Done Size Class: 2002.....	7
6. Value of Construction Work for Establishments by Geographic Location of Construction Work: 2002	8
7. Value of Construction Work for Establishments by Type of Construction: 2002	9
8. Value of Business Done for Establishments by Kind-of-Business Activity: 2002	10
Appendixes	
A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
-- 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	
CALIFORNIA											
23	Construction	69 023	870 334	649 877	630 798	644 981	674 959	648 769	32 986 608	22 282 523	1
236	Construction of buildings	21 915	198 873	123 306	123 280	123 538	125 879	120 529	8 099 155	4 176 736	2
2361	Residential building construction ..	17 492	118 832	71 961	70 988	72 761	73 274	70 820	4 331 321	2 185 454	3
23611	Residential building construction ..	17 492	118 832	71 961	70 988	72 761	73 274	70 820	4 331 321	2 185 454	3
236115	New single-family housing construction (except operative builders)	5 524	34 757	22 865	22 630	22 999	23 315	22 517	1 219 998	660 997	5
236116	New multifamily housing construction (except operative builders)	413	4 557	2 980	3 004	2 984	3 076	2 855	195 772	117 152	10
236117	New housing operative builders	2 016	33 069	15 556	14 901	15 611	15 907	15 807	1 501 627	584 716	4
236118	Residential remodelers	9 539	46 449	30 559	30 453	31 167	30 976	29 641	1 413 923	822 589	4
2362	Nonresidential building construction	4 423	80 041	51 346	52 292	50 777	52 605	49 710	3 767 835	1 991 282	3
23621	Industrial building construction ..	244	4 898	3 650	3 474	3 801	3 800	3 524	206 118	131 560	9
236210	Industrial building construction ..	244	4 898	3 650	3 474	3 801	3 800	3 524	206 118	131 560	9
23622	Commercial and institutional building construction	4 179	75 143	47 696	48 818	46 976	48 804	46 186	3 561 717	1 859 722	3
236220	Commercial and institutional building construction	4 179	75 143	47 696	48 818	46 976	48 804	46 186	3 561 717	1 859 722	3
237	Heavy and civil engineering construction	3 904	110 306	83 152	79 776	82 600	85 509	84 723	4 929 101	3 448 241	2
2371	Utility system construction	1 421	56 665	45 678	45 064	45 864	46 003	45 783	2 557 394	1 907 175	2
23711	Water and sewer line and related structures construction	947	20 267	16 338	15 772	16 380	16 936	16 263	909 696	659 284	5
237110	Water and sewer line and related structures construction	947	20 267	16 338	15 772	16 380	16 936	16 263	909 696	659 284	5
23712	Oil and gas pipeline and related structures construction	63	7 350	6 504	5 830	6 576	6 787	6 824	288 437	232 076	1
237120	Oil and gas pipeline and related structures construction	63	7 350	6 504	5 830	6 576	6 787	6 824	288 437	232 076	1
23713	Power and communication line and related structures construction	411	29 047	22 837	23 462	22 908	22 280	22 696	1 359 260	1 015 815	3
237130	Power and communication line and related structures construction	411	29 047	22 837	23 462	22 908	22 280	22 696	1 359 260	1 015 815	3
2372	Land subdivision	879	7 691	3 017	2 846	3 066	2 964	3 192	349 876	107 847	7
23721	Land subdivision	879	7 691	3 017	2 846	3 066	2 964	3 192	349 876	107 847	7
237210	Land subdivision	879	7 691	3 017	2 846	3 066	2 964	3 192	349 876	107 847	7
2373	Highway, street, and bridge construction	738	27 681	21 407	19 032	20 853	23 240	22 501	1 353 701	990 852	4
23731	Highway, street, and bridge construction	738	27 681	21 407	19 032	20 853	23 240	22 501	1 353 701	990 852	4
237310	Highway, street, and bridge construction	738	27 681	21 407	19 032	20 853	23 240	22 501	1 353 701	990 852	4
2379	Other heavy and civil engineering construction	865	18 270	13 050	12 834	12 817	13 302	13 247	668 130	442 367	7
23799	Other heavy and civil engineering construction	865	18 270	13 050	12 834	12 817	13 302	13 247	668 130	442 367	7
237990	Other heavy and civil engineering construction ..	865	18 270	13 050	12 834	12 817	13 302	13 247	668 130	442 367	7
238	Specialty trade contractors	43 204	561 155	443 418	427 742	438 843	463 572	443 517	19 958 352	14 657 546	2
2381	Foundation, structure, and building exterior contractors	10 254	176 873	149 820	143 108	149 132	159 156	147 885	5 643 287	4 356 207	4
23811	Poured concrete foundation and structure contractors	2 661	45 957	39 077	37 404	39 181	41 916	37 808	1 586 104	1 233 329	6
238110	Poured concrete foundation and structure contractors ..	2 661	45 957	39 077	37 404	39 181	41 916	37 808	1 586 104	1 233 329	6
23812	Structural steel and precast concrete contractors	665	12 774	10 104	10 313	9 752	10 394	9 955	512 999	369 381	9
238120	Structural steel and precast concrete contractors	665	12 774	10 104	10 313	9 752	10 394	9 955	512 999	369 381	9
23813	Framing contractors	1 199	42 364	38 879	36 022	38 466	43 109	37 918	1 240 303	1 039 458	9
238130	Framing contractors	1 199	42 364	38 879	36 022	38 466	43 109	37 918	1 240 303	1 039 458	9
23814	Masonry contractors	1 890	34 329	29 958	28 564	29 816	31 154	30 299	909 261	730 849	15
238140	Masonry contractors	1 890	34 329	29 958	28 564	29 816	31 154	30 299	909 261	730 849	15
23815	Glass and glazing contractors ..	616	6 048	3 938	3 956	3 972	3 972	3 853	236 782	149 646	10
238150	Glass and glazing contractors	616	6 048	3 938	3 956	3 972	3 972	3 853	236 782	149 646	10
23816	Roofing contractors	2 616	27 603	21 882	20 609	21 713	22 831	22 373	844 749	599 466	8
238160	Roofing contractors	2 616	27 603	21 882	20 609	21 713	22 831	22 373	844 749	599 466	8
23817	Siding contractors	213	2 796	2 183	2 328	2 194	2 074	2 137	109 880	85 085	14
238170	Siding contractors	213	2 796	2 183	2 328	2 194	2 074	2 137	109 880	85 085	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	
CALIFORNIA—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...	392	5 000	3 799	3 912	4 037	3 704	3 542	203 210	148 994	9
238190	Other foundation, structure, and building exterior contractors	392	5 000	3 799	3 912	4 037	3 704	3 542	203 210	148 994	9
2382	Building equipment contractors ...	14 564	181 778	136 429	133 759	134 791	141 158	136 008	7 648 798	5 475 823	2
23821	Electrical Contractors	6 820	81 186	62 743	60 722	61 389	65 695	63 165	3 340 633	2 432 645	3
238210	Electrical Contractors	6 820	81 186	62 743	60 722	61 389	65 695	63 165	3 340 633	2 432 645	3
23822	Plumbing, heating, and air-conditioning contractors	7 272	91 127	66 748	66 051	66 579	68 409	65 953	3 845 532	2 701 227	3
238220	Plumbing, heating, and air-conditioning contractors	7 272	91 127	66 748	66 051	66 579	68 409	65 953	3 845 532	2 701 227	3
23829	Other building equipment contractors	472	9 465	6 938	6 986	6 824	7 055	6 889	462 632	341 951	6
238290	Other building equipment contractors	472	9 465	6 938	6 986	6 824	7 055	6 889	462 632	341 951	6
2383	Building finishing contractors	13 364	139 533	108 536	104 446	106 967	112 714	110 016	4 371 746	3 179 480	3
23831	Drywall and insulation contractors	2 110	46 174	39 444	38 308	39 053	41 116	39 298	1 545 915	1 250 982	5
238310	Drywall and insulation contractors	2 110	46 174	39 444	38 308	39 053	41 116	39 298	1 545 915	1 250 982	5
23832	Painting and wall covering contractors	4 864	32 888	26 570	24 863	26 090	28 124	27 203	880 124	670 015	5
238320	Painting and wall covering contractors	4 864	32 888	26 570	24 863	26 090	28 124	27 203	880 124	670 015	5
23833	Flooring contractors	1 803	14 215	8 579	8 568	8 526	8 571	8 652	454 950	266 474	7
238330	Flooring contractors	1 803	14 215	8 579	8 568	8 526	8 571	8 652	454 950	266 474	7
23834	Tile and terrazzo contractors	1 570	14 911	11 626	10 635	11 409	12 235	12 226	501 851	350 704	10
238340	Tile and terrazzo contractors	1 570	14 911	11 626	10 635	11 409	12 235	12 226	501 851	350 704	10
23835	Finish carpentry contractors	2 619	24 875	17 945	17 709	17 597	18 337	18 135	772 813	509 877	8
238350	Finish carpentry contractors	2 619	24 875	17 945	17 709	17 597	18 337	18 135	772 813	509 877	8
23839	Other building finishing contractors	398	6 469	4 372	4 364	4 292	4 331	4 502	216 093	131 428	8
238390	Other building finishing contractors	398	6 469	4 372	4 364	4 292	4 331	4 502	216 093	131 428	8
2389	Other specialty trade contractors	5 022	62 972	48 633	46 429	47 953	50 544	49 608	2 294 522	1 646 035	4
23891	Site preparation contractors	1 876	30 529	24 669	22 922	24 353	26 089	25 311	1 224 552	922 076	6
238910	Site preparation contractors	1 876	30 529	24 669	22 922	24 353	26 089	25 311	1 224 552	922 076	6
23899	All other specialty trade contractors	3 146	32 443	23 965	23 507	23 600	24 454	24 297	1 069 970	723 960	6
238990	All other specialty trade contractors	3 146	32 443	23 965	23 507	23 600	24 454	24 297	1 069 970	723 960	6

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
CALIFORNIA											
23	Construction	1	150 527 556	149 352 993	108 090 579	72 494 944	36 770 199	41 262 414	2 646 555	2 182 999	16 116 776
236	Construction of buildings	1	65 332 087	64 918 085	33 399 093	23 571 249	10 241 847	31 518 992	483 098	442 943	2 717 330
2361	Residential building construction...	1	35 819 674	35 599 566	21 376 172	15 079 118	6 517 163	14 223 394	227 136	285 533	1 591 917
23611	Residential building construction	1	35 819 674	35 599 566	21 376 172	15 079 118	6 517 163	14 223 394	227 136	285 533	1 591 917
236115	New single-family housing construction (except operative builders)	3	6 719 892	6 687 563	4 049 587	2 564 980	1 516 936	2 637 976	59 979	63 227	357 227
236116	New multifamily housing construction (except operative builders)	2	1 807 454	1 785 389	639 150	353 840	307 374	1 146 239	21 543	9 323	88 577
236117	New housing operative builders	1	20 896 627	20 767 733	12 304 151	9 336 450	3 096 596	8 463 581	79 467	142 449	765 347
236118	Residential remodelers	2	6 395 700	6 358 881	4 383 284	2 823 846	1 596 257	1 975 597	66 147	70 534	380 765
2362	Nonresidential building construction	-	29 512 413	29 318 519	12 022 921	8 492 131	3 724 684	17 295 598	255 962	157 410	1 125 414
23621	Industrial building construction	1	1 421 669	1 413 461	595 778	448 708	155 278	817 683	9 852	12 697	80 975
236210	Industrial building construction	1	1 421 669	1 413 461	595 778	448 708	155 278	817 683	9 852	12 697	80 975
23622	Commercial and institutional building construction	-	28 090 744	27 905 058	11 427 143	8 043 423	3 569 406	16 477 915	246 110	144 714	1 044 438
236220	Commercial and institutional building construction	-	28 090 744	27 905 058	11 427 143	8 043 423	3 569 406	16 477 915	246 110	144 714	1 044 438
237	Heavy and civil engineering construction	1	21 933 771	21 605 844	17 272 809	11 523 507	6 077 228	4 333 036	721 414	602 086	5 329 686
2371	Utility system construction	-	9 531 574	9 469 247	8 234 919	5 584 240	2 713 005	1 234 329	317 776	272 026	2 644 469
23711	Water and sewer line and related structures construction	1	3 909 926	3 895 202	3 216 670	1 969 676	1 261 717	678 532	141 142	107 378	1 286 066
237110	Water and sewer line and related structures construction	1	3 909 926	3 895 202	3 216 670	1 969 676	1 261 717	678 532	141 142	107 378	1 286 066
23712	Oil and gas pipeline and related structures construction	1	715 306	D	612 383	490 153	D	D	34 123	31 587	213 687
237120	Oil and gas pipeline and related structures construction	1	715 306	D	612 383	490 153	D	D	34 123	31 587	213 687
23713	Power and communication line and related structures construction	-	4 906 342	D	4 405 866	3 124 410	D	D	142 511	133 061	1 144 717
237130	Power and communication line and related structures construction	-	4 906 342	D	4 405 866	3 124 410	D	D	142 511	133 061	1 144 717
2372	Land subdivision	2	2 386 296	2 269 831	1 800 301	1 580 413	336 353	469 530	16 101	19 012	*347 042
23721	Land subdivision	2	2 386 296	2 269 831	1 800 301	1 580 413	336 353	469 530	16 101	19 012	*347 042
237210	Land subdivision	2	2 386 296	2 269 831	1 800 301	1 580 413	336 353	469 530	16 101	19 012	*347 042
2373	Highway, street, and bridge construction	-	7 293 966	7 178 947	5 078 580	2 905 405	2 288 194	2 100 367	296 146	193 413	1 532 643
23731	Highway, street, and bridge construction	-	7 293 966	7 178 947	5 078 580	2 905 405	2 288 194	2 100 367	296 146	193 413	1 532 643
237310	Highway, street, and bridge construction	-	7 293 966	7 178 947	5 078 580	2 905 405	2 288 194	2 100 367	296 146	193 413	1 532 643
2379	Other heavy and civil engineering construction	1	2 721 935	2 687 819	2 159 009	1 453 450	739 676	528 809	91 392	117 635	805 532
23799	Other heavy and civil engineering construction	1	2 721 935	2 687 819	2 159 009	1 453 450	739 676	528 809	91 392	117 635	805 532
237990	Other heavy and civil engineering construction	1	2 721 935	2 687 819	2 159 009	1 453 450	739 676	528 809	91 392	117 635	805 532
238	Specialty trade contractors	1	63 261 698	62 829 063	57 418 677	37 400 188	20 451 124	5 410 386	1 442 043	1 137 970	8 069 759
2381	Foundation, structure, and building exterior contractors.....	1	17 976 665	17 931 082	16 561 430	10 367 812	6 239 202	1 369 652	342 864	313 285	2 024 256
23811	Poured concrete foundation and structure contractors	1	5 633 104	5 609 265	4 945 710	3 006 255	1 963 293	663 555	114 211	121 705	770 682
238110	Poured concrete foundation and structure contractors	1	5 633 104	5 609 265	4 945 710	3 006 255	1 963 293	663 555	114 211	121 705	770 682
23812	Structural steel and precast concrete contractors	1	1 548 467	1 544 312	1 433 238	951 359	486 034	111 074	47 154	26 329	214 445
238120	Structural steel and precast concrete contractors	1	1 548 467	1 544 312	1 433 238	951 359	486 034	111 074	47 154	26 329	214 445
23813	Framing contractors	-	3 456 730	3 455 561	3 319 544	2 100 905	1 219 808	136 017	40 742	23 136	180 598
238130	Framing contractors	-	3 456 730	3 455 561	3 319 544	2 100 905	1 219 808	136 017	40 742	23 136	180 598
23814	Masonry contractors	1	2 463 270	2 462 185	2 351 609	1 581 642	771 053	110 576	46 390	60 996	315 255
238140	Masonry contractors	1	2 463 270	2 462 185	2 351 609	1 581 642	771 053	110 576	46 390	60 996	315 255
23815	Glass and glazing contractors	-	858 016	849 630	817 204	474 478	351 113	32 426	26 378	8 834	81 605
238150	Glass and glazing contractors	-	858 016	849 630	817 204	474 478	351 113	32 426	26 378	8 834	81 605
23816	Roofing contractors	2	3 126 417	3 122 703	2 876 395	1 785 085	1 095 024	246 308	41 589	62 483	384 255
238160	Roofing contractors	2	3 126 417	3 122 703	2 876 395	1 785 085	1 095 024	246 308	41 589	62 483	384 255
23817	Siding contractors	1	274 419	273 990	252 944	113 646	139 726	21 047	7 116	3 310	24 122
238170	Siding contractors	1	274 419	273 990	252 944	113 646	139 726	21 047	7 116	3 310	24 122
23819	Other foundation, structure, and building exterior contractors...	-	616 242	613 436	564 787	354 441	213 152	48 650	19 285	6 492	53 295
238190	Other foundation, structure, and building exterior contractors	-	616 242	613 436	564 787	354 441	213 152	48 650	19 285	6 492	53 295

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
CALIFORNIA—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	1	23 589 033	23 405 839	21 479 275	14 103 162	7 559 307	1 926 564	430 880	318 154	2 577 063
23821	Electrical Contractors	1	9 917 636	9 810 271	9 127 826	6 027 817	3 207 374	682 445	177 520	141 863	994 958
23822	Electrical Contractors	1	9 917 636	9 810 271	9 127 826	6 027 817	3 207 374	682 445	177 520	141 863	994 958
238220	Plumbing, heating, and air-conditioning contractors	1	12 409 267	12 346 970	11 174 787	7 218 677	4 018 408	1 172 183	220 751	160 798	1 435 824
238220	Plumbing, heating, and air-conditioning contractors	1	12 409 267	12 346 970	11 174 787	7 218 677	4 018 408	1 172 183	220 751	160 798	1 435 824
23829	Other building equipment contractors	1	1 262 129	1 248 598	1 176 661	856 668	333 525	71 936	32 609	15 493	146 281
238290	Other building equipment contractors	1	1 262 129	1 248 598	1 176 661	856 668	333 525	71 936	32 609	15 493	146 281
2383	Building finishing contractors	2	13 018 099	12 917 960	12 039 324	8 040 164	4 099 299	878 636	227 010	167 179	1 059 553
23831	Drywall and insulation contractors	2	4 197 374	4 183 832	3 935 535	2 656 582	1 292 496	248 297	68 349	41 161	251 830
238310	Drywall and insulation contractors	2	4 197 374	4 183 832	3 935 535	2 656 582	1 292 496	248 297	68 349	41 161	251 830
23832	Painting and wall covering contractors	2	2 350 495	2 331 620	2 154 841	1 622 159	551 556	176 779	46 851	36 535	249 973
238320	Painting and wall covering contractors	2	2 350 495	2 331 620	2 154 841	1 622 159	551 556	176 779	46 851	36 535	249 973
23833	Flooring contractors	2	1 730 219	1 709 598	1 543 823	885 051	679 393	165 775	31 766	17 504	132 407
238330	Flooring contractors	2	1 730 219	1 709 598	1 543 823	885 051	679 393	165 775	31 766	17 504	132 407
23834	Tile and terrazzo contractors	2	1 455 234	1 447 342	1 408 303	945 711	470 484	39 039	19 558	23 944	133 203
238340	Tile and terrazzo contractors	2	1 455 234	1 447 342	1 408 303	945 711	470 484	39 039	19 558	23 944	133 203
23835	Finish carpentry contractors	2	2 606 456	2 571 564	2 360 101	1 469 662	925 331	211 463	43 781	40 528	244 326
238350	Finish carpentry contractors	2	2 606 456	2 571 564	2 360 101	1 469 662	925 331	211 463	43 781	40 528	244 326
23839	Other building finishing contractors	1	678 321	674 004	636 720	460 999	180 038	37 284	16 705	7 507	47 814
238390	Other building finishing contractors	1	678 321	674 004	636 720	460 999	180 038	37 284	16 705	7 507	47 814
2389	Other specialty trade contractors	1	8 677 901	8 574 182	7 338 648	4 889 050	2 553 317	1 235 534	441 288	339 351	2 408 888
23891	Site preparation contractors	—	4 723 404	4 691 515	4 025 945	2 759 371	1 298 463	665 570	314 455	253 028	1 592 970
238910	Site preparation contractors	—	4 723 404	4 691 515	4 025 945	2 759 371	1 298 463	665 570	314 455	253 028	1 592 970
23899	All other specialty trade contractors	2	3 954 497	3 882 667	3 312 703	2 129 679	1 254 854	569 964	126 833	86 324	815 918
238990	All other specialty trade contractors	2	3 954 497	3 882 667	3 312 703	2 129 679	1 254 854	569 964	126 833	86 324	815 918

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)
CALIFORNIA		
All establishments number..	69 023	1
All employees number..	870 334	1
Construction workers in March number..	630 798	1
Construction workers in May number..	644 981	1
Construction workers in August number..	674 959	1
Construction workers in November number..	648 769	1
Average number of construction workers number..	649 877	1
Other employees in March number..	228 534	1
Other employees in May number..	213 649	1
Other employees in August number..	217 774	1
Other employees in November number..	221 873	1
Average number of other employees number..	220 457	1
Total payroll \$1,000..	32 986 608	1
Construction workers \$1,000..	22 282 523	1
Other employees \$1,000..	10 704 085	1
First-quarter payroll, all employees \$1,000..	7 943 188	1
Fringe benefits, all employees \$1,000..	8 059 511	1
Legally required expenditures \$1,000..	4 960 669	1
Voluntary expenditures \$1,000..	3 098 842	1
Value of business done ¹ \$1,000..	150 527 556	1
Value of construction work ¹ \$1,000..	149 352 993	1
Value of construction work on government owned projects \$1,000..	33 570 103	1
Value of construction work on federally owned projects \$1,000..	7 773 576	2
Value of construction work on state and locally owned projects \$1,000..	25 796 527	2
Value of construction work on privately owned projects \$1,000..	115 782 889	1
Other business receipts \$1,000..	1 174 563	5
Value of construction work subcontracted in from others \$1,000..	55 573 676	1
Net value of construction work \$1,000..	108 090 579	1
Value added \$1,000..	72 494 944	1
Selected costs \$1,000..	78 032 612	1
Materials, parts, and supplies \$1,000..	35 070 040	1
Construction work subcontracted out to others \$1,000..	41 262 414	2
Selected power, fuels, and lubricants \$1,000..	1 700 159	1
Purchased electricity \$1,000..	295 044	2
Natural gas and manufactured gas \$1,000..	93 613	3
Gasoline and diesel fuel \$1,000..	1 231 042	1
On-highway use of gasoline and diesel fuel \$1,000..	922 510	1
Off-highway use of gasoline and diesel fuel \$1,000..	308 532	2
All other fuels and lubricants \$1,000..	80 460	4
Total rental costs \$1,000..	2 646 555	2
Machinery and equipment \$1,000..	1 724 222	3
Buildings \$1,000..	922 333	1
Selected purchased services \$1,000..	3 808 898	2
Communication services \$1,000..	1 148 709	1
Repairs to buildings and other structures \$1,000..	538 311	2
Repairs to machinery and equipment \$1,000..	861 104	2
Legal services \$1,000..	296 604	4
Accounting, auditing, and bookkeeping services \$1,000..	389 039	11
Advertising and promotional services \$1,000..	575 130	4
Beginning-of-year gross book value of depreciable assets \$1,000..	14 636 372	2
Capital expenditures, other than land \$1,000..	2 182 999	3
Retirements and disposition of depreciable assets \$1,000..	702 594	6
End-of-year gross book value of depreciable assets \$1,000..	16 116 776	2
Depreciation charges during year \$1,000..	1 734 478	2
Establishments with inventories number..	11 617	—
Value of construction work for establishments with inventories \$1,000..	37 220 329	—
End-of-2002, inventories of materials and supplies \$1,000..	1 813 630	2
End-of-2001, inventories of materials and supplies \$1,000..	1 662 771	3
Establishments with no inventories number..	51 775	—
Value of construction work for establishments with no inventories \$1,000..	105 712 052	—
Establishments not reporting inventories number..	5 631	—
Value of construction work for establishments not reporting inventores \$1,000..	6 420 612	—

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
CALIFORNIA											
All establishments	1	69 023	870 334	32 986 608	150 527 556	149 352 993	108 090 579	72 494 944	36 770 199	41 262 414	1
Establishments with—											
1 to 4 employees	3	38 070	78 466	1 893 670	11 501 213	11 428 277	8 866 196	5 415 714	3 523 418	2 562 081	2
5 to 9 employees	3	13 123	85 257	2 571 787	11 116 517	11 023 583	8 608 129	5 646 996	3 054 067	2 415 454	4
10 to 19 employees	2	9 106	122 313	4 233 003	16 769 157	16 598 270	12 415 696	8 135 034	4 451 550	4 182 573	4
20 to 49 employees	1	5 751	173 107	6 855 796	26 691 590	26 397 406	19 890 893	13 430 374	6 754 703	6 506 513	3
50 to 99 employees	—	1 716	116 611	5 004 986	21 567 309	21 432 883	15 476 933	10 359 033	5 252 327	5 955 950	3
100 to 249 employees	—	951	144 063	6 209 164	31 865 934	31 592 406	21 605 580	15 026 888	6 852 221	9 986 826	3
250 to 499 employees	—	226	75 413	2 969 502	15 602 419	15 487 926	10 369 814	7 186 302	3 298 005	5 118 112	7
500 to 999 employees	—	67	45 940	1 917 583	9 647 856	9 630 008	6 250 158	4 162 637	2 105 369	3 379 850	2
1,000 employees or more	—	14	29 163	1 331 117	5 765 560	5 762 234	4 607 180	3 131 967	1 478 539	1 155 054	5

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
CALIFORNIA											
All establishments	1	69 023	870 334	32 986 608	150 527 556	149 352 993	108 090 579	72 494 944	36 770 199	41 262 414	1
Establishments with value of business done—											
Less than \$25,000	6	S	S	3 923	12 593	12 588	11 447	8 102	3 350	1 142	17
\$25,000 to \$49,999	6	S	S	18 335	60 791	60 791	53 374	36 933	16 441	7 416	11
\$50,000 to \$99,999	5	5 355	8 006	113 585	403 566	401 270	351 317	230 991	122 622	49 953	6
\$100,000 to \$249,999	4	16 302	36 848	651 091	2 702 445	2 683 473	2 335 172	1 536 384	817 760	348 301	4
\$250,000 to \$499,999	3	15 146	58 769	1 337 439	5 409 574	5 366 868	4 629 523	2 973 992	1 698 238	737 344	4
\$500,000 to \$999,999	3	11 029	76 857	2 159 069	7 733 893	7 687 767	6 470 180	4 117 775	2 398 531	1 217 586	4
\$1,000,000 to \$2,499,999	2	10 138	133 887	4 625 601	15 762 845	15 604 791	12 829 592	8 405 462	4 582 185	2 775 199	3
\$2,500,000 to \$4,999,999	1	3 966	111 465	4 140 059	14 034 086	13 913 599	11 412 678	7 418 681	4 114 483	2 500 921	4
\$5,000,000 to \$9,999,999	1	2 523	113 195	4 693 813	17 194 867	17 021 088	13 505 172	8 824 308	4 854 642	3 515 916	4
\$10,000,000 or more	—	2 334	328 939	15 243 693	87 212 897	86 600 758	56 492 124	38 942 316	18 161 948	30 108 634	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)
CALIFORNIA		
Total	149 352 993	1
Construction work done in Arizona	677 209	3
Construction work done in California	143 932 200	1
Construction work done in Colorado	499 035	8
Construction work done in Nevada	985 642	4
Construction work done in Oregon	398 488	6
Construction work done in Texas	358 313	4
Construction work done in Washington	426 156	1

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
CALIFORNIA								
Total	149 352 993	103 484 140	30 678 207	15 190 646	1	1	1	2
Building construction, total	116 381 833	80 132 783	25 160 331	11 088 719	1	1	2	2
Single-family houses, detached and attached	51 612 638	40 022 864	7 712 400	3 877 374	1	2	3	4
Single-family houses, detached	46 483 058	36 522 765	6 739 951	3 220 342	2	2	3	5
Single-family houses, attached	5 129 580	3 500 099	972 449	657 032	4	5	7	6
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives	6 480 294	4 829 565	664 985	985 744	5	6	7	6
Manufacturing and industrial warehouses	4 753 321	3 263 402	1 046 633	443 287	8	12	6	4
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories	4 839 386	2 672 226	1 481 908	685 252	2	2	4	4
Hotels, motels, and tourist cabins	2 348 614	1 724 807	413 016	210 791	2	2	7	4
Office buildings	14 329 266	7 758 329	4 846 775	1 724 162	2	2	4	3
Stores, restaurants, and automobile service stations, and other commercial buildings	10 271 367	6 534 020	2 499 702	1 237 644	3	3	6	4
Commercial warehouses such as distribution buildings and mini-storage	3 093 779	2 188 322	603 549	301 908	5	5	10	8
Religious buildings	1 173 522	730 633	307 959	134 930	5	4	13	11
Educational buildings	8 679 062	4 948 161	3 075 386	655 515	3	4	4	10
Health care and institutional buildings	4 145 964	2 375 991	1 378 347	391 625	4	4	8	7
Public safety buildings such as prisons, police, and fire stations	1 364 481	915 033	306 336	143 113	5	5	7	19
Amusement, social, and recreational buildings	1 694 397	1 145 510	427 183	121 704	6	5	16	5
Other building construction	1 595 742	1 023 921	396 152	175 670	5	5	7	8
Nonbuilding construction, total	27 931 017	18 311 214	5 517 876	4 101 927	1	2	2	3
Highways, streets, and related work, such as installation of guardrails and signs	6 422 025	3 677 735	1 624 185	1 120 105	3	4	3	9
Private driveways and parking areas	1 584 679	835 649	328 102	420 928	8	9	12	17
Bridges and elevated highways	1 626 679	1 286 405	253 812	86 462	2	2	4	7
Sewers, water mains, and related facilities	4 344 405	2 985 005	764 894	594 506	4	4	10	7
Sewers, sewer lines, septic systems, and related facilities	2 380 705	1 641 247	399 030	340 428	6	7	13	10
Water mains, storage, and related facilities	1 963 699	1 343 757	365 864	254 078	6	6	14	7
Power and communication transmission lines, cables, towers, and related facilities	3 893 559	2 399 835	857 568	636 156	3	4	4	4
Power plants	1 917 671	1 674 385	101 230	142 056	3	3	7	17
Power and cogeneration plants, except hydroelectric	1 831 492	1 621 559	81 782	128 150	3	3	8	18
Power plants, hydroelectric	86 179	52 825	19 447	^s 13 906	25	33	17	^s 63
Sewage and water treatment plants	1 316 266	773 704	398 607	143 955	2	3	3	3
Outdoor swimming pools	1 233 455	975 214	166 840	91 401	9	10	15	19
Other nonbuilding construction	5 592 279	3 703 282	1 022 639	866 357	3	4	5	5
Construction work, nsk	5 040 142	5 040 142	—	—	—	—	—	—

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)
CALIFORNIA		
Total	150 527 556	1
Building construction, total	58 646 341	2
Building construction on land owned by you	19 609 478	3
Building construction on land owned by others	26 030 457	2
Remodeling contractor	9 449 068	4
Construction management, at risk (for building construction)	1 952 326	5
Construction management, agency or fee only (for building construction)	1 605 013	10
Heavy construction and civil engineering construction, total	21 869 570	2
Subdividing and servicing of raw land into lots, for sale by you	2 527 155	12
Highway and street general contractor	3 902 372	2
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways	1 631 085	7
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	10 887 141	2
Cable and conduit laying contractor	1 157 002	5
Excavation work, earthmoving or land clearing contractor, not connected with buildings	1 764 815	5
Special trade contractors, total	42 428 424	2
Heating, ventilation and air-conditioning contractor (HVAC)	5 026 853	4
Plumbing contractor	4 167 730	4
Painting contractor	2 221 148	5
Electric power installation and service contractor, including lighting	6 891 276	3
Masonry contractor, brick, block, or stone (except brick paving)	1 485 995	10
Drywall contractor	2 700 130	3
Tile contractor	1 184 567	9
Finish carpentry contractor	2 279 797	6
Framing contractor, except steel	3 487 253	6
Roofing contractor, except sheet metal	2 587 101	9
Asphalt, concrete, and brick paving contractor, residential or commercial driveways and parking areas	1 224 807	8
Foundation contractor, concrete	1 742 351	9
Concrete Contractor (except paving or foundation)	3 570 634	6
Excavation work: earthmoving or land clearing contractor, connected with buildings	2 697 395	10
Swimming pool contractor	1 161 386	9
All other construction activities	21 398 521	2
Other business activities secondary to construction activities, total	1 155 415	5
All other business activities secondary to construction activities	1 155 415	5
Kind of business activity, nsk	5 029 286	6

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.