

Texas: 2002

Issued September 2005

EC02-23A-TX

2002 Economic Census

Construction

Geographic Area Series



USCENSUSBUREAU

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	
TEXAS											
23	Construction	37 444	555 061	418 458	416 558	418 484	425 480	413 310	18 723 430	12 552 543	1
236	Construction of buildings	9 927	107 832	65 878	66 280	65 446	67 011	64 777	4 275 179	2 115 652	3
2361	Residential building construction ..	6 735	47 495	24 077	23 917	24 093	24 952	23 345	1 975 224	791 977	4
23611	Residential building construction ..	6 735	47 495	24 077	23 917	24 093	24 952	23 345	1 975 224	791 977	4
236115	New single-family housing construction (except operative builders)	2 412	11 477	6 893	6 975	6 649	7 406	6 543	378 921	182 477	7
236116	New multifamily housing construction (except operative builders)	234	2 192	1 130	1 187	992	1 257	1 085	94 468	51 564	13
236117	New housing operative builders	1 210	19 859	8 249	8 136	8 436	8 231	8 195	1 141 353	375 871	3
236118	Residential remodelers	2 879	13 968	7 804	7 619	8 016	8 059	7 522	360 482	182 064	12
2362	Nonresidential building construction	3 192	60 337	41 802	42 363	41 353	42 059	41 432	2 299 955	1 323 676	4
23621	Industrial building construction ..	302	12 003	10 286	10 838	9 475	10 132	10 698	443 260	362 302	11
236210	Industrial building construction ..	302	12 003	10 286	10 838	9 475	10 132	10 698	443 260	362 302	11
23622	Commercial and institutional building construction	2 890	48 334	31 516	31 525	31 878	31 927	30 734	1 856 695	961 374	4
236220	Commercial and institutional building construction	2 890	48 334	31 516	31 525	31 878	31 927	30 734	1 856 695	961 374	4
237	Heavy and civil engineering construction	3 998	140 679	112 754	112 858	111 897	113 645	112 617	5 102 299	3 699 521	3
2371	Utility system construction	1 802	91 078	73 132	72 507	71 790	74 197	74 033	3 548 581	2 607 375	2
23711	Water and sewer line and related structures construction	909	21 698	17 999	17 817	17 960	18 373	17 847	698 588	513 941	6
237110	Water and sewer line and related structures construction	909	21 698	17 999	17 817	17 960	18 373	17 847	698 588	513 941	6
23712	Oil and gas pipeline and related structures construction	296	33 368	27 944	28 392	26 588	27 696	29 101	1 321 082	1 037 648	2
237120	Oil and gas pipeline and related structures construction	296	33 368	27 944	28 392	26 588	27 696	29 101	1 321 082	1 037 648	2
23713	Power and communication line and related structures construction	597	36 011	27 189	26 297	27 243	28 128	27 086	1 528 911	1 055 786	2
237130	Power and communication line and related structures construction	597	36 011	27 189	26 297	27 243	28 128	27 086	1 528 911	1 055 786	2
2372	Land subdivision	754	3 392	1 201	1 815	990	1 001	999	156 051	43 415	13
23721	Land subdivision	754	3 392	1 201	1 815	990	1 001	999	156 051	43 415	13
237210	Land subdivision	754	3 392	1 201	1 815	990	1 001	999	156 051	43 415	13
2373	Highway, street, and bridge construction	720	31 949	27 413	26 990	27 785	27 648	27 228	1 020 196	778 434	6
23731	Highway, street, and bridge construction	720	31 949	27 413	26 990	27 785	27 648	27 228	1 020 196	778 434	6
237310	Highway, street, and bridge construction	720	31 949	27 413	26 990	27 785	27 648	27 228	1 020 196	778 434	6
2379	Other heavy and civil engineering construction	723	14 260	11 009	11 547	11 332	10 799	10 357	377 471	270 297	19
23799	Other heavy and civil engineering construction	723	14 260	11 009	11 547	11 332	10 799	10 357	377 471	270 297	19
237990	Other heavy and civil engineering construction ..	723	14 260	11 009	11 547	11 332	10 799	10 357	377 471	270 297	19
238	Specialty trade contractors	23 519	306 550	239 825	237 419	241 142	244 824	235 915	9 345 953	6 737 370	2
2381	Foundation, structure, and building exterior contractors	5 365	73 980	60 019	60 019	59 512	61 360	59 185	2 017 358	1 473 003	4
23811	Poured concrete foundation and structure contractors	1 689	29 154	24 816	25 031	24 885	25 122	24 225	739 216	573 005	6
238110	Poured concrete foundation and structure contractors ..	1 689	29 154	24 816	25 031	24 885	25 122	24 225	739 216	573 005	6
23812	Structural steel and precast concrete contractors	298	5 149	4 320	4 259	4 249	4 570	4 203	153 597	119 315	10
238120	Structural steel and precast concrete contractors	298	5 149	4 320	4 259	4 249	4 570	4 203	153 597	119 315	10
23813	Framing contractors	394	3 660	2 800	2 874	2 783	2 702	2 839	105 369	67 370	25
238130	Framing contractors	394	3 660	2 800	2 874	2 783	2 702	2 839	105 369	67 370	25
23814	Masonry contractors	1 037	14 869	12 659	12 614	12 359	13 296	12 366	367 296	292 131	7
238140	Masonry contractors	1 037	14 869	12 659	12 614	12 359	13 296	12 366	367 296	292 131	7
23815	Glass and glazing contractors ..	343	3 590	2 486	2 468	2 431	2 487	2 557	118 784	69 976	12
238150	Glass and glazing contractors	343	3 590	2 486	2 468	2 431	2 487	2 557	118 784	69 976	12
23816	Roofing contractors	1 355	13 701	10 004	9 643	9 996	10 451	9 924	374 620	239 383	8
238160	Roofing contractors	1 355	13 701	10 004	9 643	9 996	10 451	9 924	374 620	239 383	8
23817	Siding contractors	113	873	559	528	584	611	514	25 976	15 024	21
238170	Siding contractors	113	873	559	528	584	611	514	25 976	15 024	21

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	
TEXAS—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...	136	2 984	2 376	2 602	2 224	2 121	2 556	132 500	96 799	6
238190	Other foundation, structure, and building exterior contractors	136	2 984	2 376	2 602	2 224	2 121	2 556	132 500	96 799	6
2382	Building equipment contractors ...	9 510	140 483	107 438	107 402	108 738	108 410	105 202	4 748 433	3 451 871	2
23821	Electrical Contractors	3 459	56 219	44 971	45 361	45 493	44 925	44 106	1 887 848	1 401 905	2
238210	Electrical Contractors	3 459	56 219	44 971	45 361	45 493	44 925	44 106	1 887 848	1 401 905	2
23822	Plumbing, heating, and air-conditioning contractors	5 653	72 778	53 575	53 047	54 310	54 942	52 003	2 451 016	1 746 739	3
238220	Plumbing, heating, and air-conditioning contractors	5 653	72 778	53 575	53 047	54 310	54 942	52 003	2 451 016	1 746 739	3
23829	Other building equipment contractors	397	11 486	8 892	8 995	8 935	8 543	9 093	409 569	303 228	4
238290	Other building equipment contractors	397	11 486	8 892	8 995	8 935	8 543	9 093	409 569	303 228	4
2383	Building finishing contractors	4 892	55 385	44 593	42 772	44 936	46 497	44 168	1 538 023	1 095 551	4
23831	Drywall and insulation contractors	900	18 763	15 872	15 798	16 083	16 261	15 348	551 506	405 280	8
238310	Drywall and insulation contractors	900	18 763	15 872	15 798	16 083	16 261	15 348	551 506	405 280	8
23832	Painting and wall covering contractors	1 632	17 602	14 762	13 305	14 777	15 579	15 388	446 940	335 070	6
238320	Painting and wall covering contractors	1 632	17 602	14 762	13 305	14 777	15 579	15 388	446 940	335 070	6
23833	Flooring contractors	419	3 210	1 806	1 766	1 823	1 845	1 788	100 821	50 572	11
238330	Flooring contractors	419	3 210	1 806	1 766	1 823	1 845	1 788	100 821	50 572	11
23834	Tile and terrazzo contractors	402	4 078	3 173	3 099	3 304	3 305	2 984	120 267	80 207	23
238340	Tile and terrazzo contractors	402	4 078	3 173	3 099	3 304	3 305	2 984	120 267	80 207	23
23835	Finish carpentry contractors	1 300	8 032	6 217	6 136	6 145	6 705	5 881	204 732	145 962	12
238350	Finish carpentry contractors	1 300	8 032	6 217	6 136	6 145	6 705	5 881	204 732	145 962	12
23839	Other building finishing contractors	239	3 701	2 763	2 668	2 802	2 803	2 779	113 757	78 460	9
238390	Other building finishing contractors	239	3 701	2 763	2 668	2 802	2 803	2 779	113 757	78 460	9
2389	Other specialty trade contractors	3 751	36 702	27 775	27 226	27 956	28 556	27 360	1 042 138	716 945	4
23891	Site preparation contractors	1 467	14 066	10 935	10 274	10 970	11 450	11 045	421 779	298 929	5
238910	Site preparation contractors	1 467	14 066	10 935	10 274	10 970	11 450	11 045	421 779	298 929	5
23899	All other specialty trade contractors	2 284	22 636	16 840	16 952	16 986	17 106	16 315	620 359	418 016	5
238990	All other specialty trade contractors	2 284	22 636	16 840	16 952	16 986	17 106	16 315	620 359	418 016	5

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
TEXAS											
23	Construction	1	94 067 369	93 193 595	69 864 888	44 004 429	26 734 233	23 328 707	1 508 316	1 461 188	13 198 512
236	Construction of buildings	1	40 414 798	40 168 162	23 031 248	13 907 148	9 370 736	17 136 914	256 035	241 783	1 696 263
2361	Residential building construction ..	1	21 587 452	21 459 933	13 482 035	7 271 612	6 337 942	7 977 898	95 540	132 408	694 222
23611	Residential building construction	1	21 587 452	21 459 933	13 482 035	7 271 612	6 337 942	7 977 898	95 540	132 408	694 222
236115	New single-family housing construction (except operative builders)	1	3 443 245	3 359 463	1 937 385	895 370	1 125 797	1 422 079	19 897	20 624	181 059
236116	New multifamily housing construction (except operative builders)	1	907 432	900 116	439 457	280 529	166 244	460 659	6 123	3 845	28 304
236117	New housing operative builders	-	15 104 621	15 081 415	9 777 736	5 304 713	4 496 228	5 303 679	51 653	88 550	375 276
236118	Residential remodelers	4	2 132 153	2 118 938	1 327 457	791 000	549 673	791 481	17 866	19 390	109 582
2362	Nonresidential building construction	1	18 827 346	18 708 229	9 549 213	6 635 536	3 032 794	9 159 016	160 495	109 374	1 002 042
23621	Industrial building construction ..	2	1 135 306	1 130 143	841 753	632 029	214 887	288 390	25 386	14 577	92 899
236210	Industrial building construction	2	1 135 306	1 130 143	841 753	632 029	214 887	288 390	25 386	14 577	92 899
23622	Commercial and institutional building construction	1	17 692 040	17 578 086	8 707 460	6 003 507	2 817 907	8 870 626	135 110	94 797	909 143
236220	Commercial and institutional building construction	1	17 692 040	17 578 086	8 707 460	6 003 507	2 817 907	8 870 626	135 110	94 797	909 143
237	Heavy and civil engineering construction	1	20 876 554	20 523 948	17 732 981	11 857 450	6 228 137	2 790 967	605 479	555 965	6 227 614
2371	Utility system construction	-	12 534 642	12 296 822	11 021 078	8 191 416	3 067 482	1 275 744	371 368	274 275	2 967 920
23711	Water and sewer line and related structures construction	1	3 277 715	3 273 377	2 692 526	1 429 428	1 267 436	580 851	98 013	110 337	1 245 368
237110	Water and sewer line and related structures construction	1	3 277 715	3 273 377	2 692 526	1 429 428	1 267 436	580 851	98 013	110 337	1 245 368
23712	Oil and gas pipeline and related structures construction	-	4 207 514	4 143 455	3 703 303	2 436 698	1 330 664	440 152	182 923	85 006	1 158 006
237120	Oil and gas pipeline and related structures construction	-	4 207 514	4 143 455	3 703 303	2 436 698	1 330 664	440 152	182 923	85 006	1 158 006
23713	Power and communication line and related structures construction	1	5 049 414	4 879 990	4 625 249	4 325 290	469 383	254 741	90 432	78 931	564 546
237130	Power and communication line and related structures construction	1	5 049 414	4 879 990	4 625 249	4 325 290	469 383	254 741	90 432	78 931	564 546
2372	Land subdivision	3	740 167	715 437	563 636	463 496	124 870	151 801	5 888	14 127	145 359
23721	Land subdivision	3	740 167	715 437	563 636	463 496	124 870	151 801	5 888	14 127	145 359
237210	Land subdivision	3	740 167	715 437	563 636	463 496	124 870	151 801	5 888	14 127	145 359
2373	Highway, street, and bridge construction	-	5 458 595	5 386 444	4 363 524	2 122 180	2 313 495	1 022 920	142 177	161 237	1 982 464
23731	Highway, street, and bridge construction	-	5 458 595	5 386 444	4 363 524	2 122 180	2 313 495	1 022 920	142 177	161 237	1 982 464
237310	Highway, street, and bridge construction	-	5 458 595	5 386 444	4 363 524	2 122 180	2 313 495	1 022 920	142 177	161 237	1 982 464
2379	Other heavy and civil engineering construction	5	2 143 150	2 125 245	1 784 742	1 080 358	722 289	340 502	86 046	106 327	1 131 871
23799	Other heavy and civil engineering construction	5	2 143 150	2 125 245	1 784 742	1 080 358	722 289	340 502	86 046	106 327	1 131 871
237990	Other heavy and civil engineering construction	5	2 143 150	2 125 245	1 784 742	1 080 358	722 289	340 502	86 046	106 327	1 131 871
238	Specialty trade contractors	2	32 776 016	32 501 484	29 100 659	18 239 830	11 135 361	3 400 825	646 802	663 440	5 274 635
2381	Foundation, structure, and building exterior contractors	2	8 186 380	8 154 065	7 133 500	4 033 032	3 132 782	1 020 565	172 796	150 991	1 046 047
23811	Poured concrete foundation and structure contractors	2	3 573 589	3 570 736	3 110 019	1 570 109	1 542 763	460 717	69 485	58 277	420 694
238110	Poured concrete foundation and structure contractors ..	2	3 573 589	3 570 736	3 110 019	1 570 109	1 542 763	460 717	69 485	58 277	420 694
23812	Structural steel and precast concrete contractors	3	506 628	503 867	450 273	337 715	115 319	53 594	22 589	13 507	95 825
238120	Structural steel and precast concrete contractors	3	506 628	503 867	450 273	337 715	115 319	53 594	22 589	13 507	95 825
23813	Framing contractors	1	512 079	510 863	358 200	205 691	153 724	[§] 152 663	5 741	3 575	28 903
238130	Framing contractors	1	512 079	510 863	358 200	205 691	153 724	[§] 152 663	5 741	3 575	28 903
23814	Masonry contractors	2	1 101 455	1 096 229	1 031 266	653 483	383 009	64 963	24 327	16 597	156 885
238140	Masonry contractors	2	1 101 455	1 096 229	1 031 266	653 483	383 009	64 963	24 327	16 597	156 885
23815	Glass and glazing contractors ..	1	393 820	384 693	374 696	203 495	180 328	9 996	10 293	3 617	46 899
238150	Glass and glazing contractors	1	393 820	384 693	374 696	203 495	180 328	9 996	10 293	3 617	46 899
23816	Roofing contractors	3	1 603 172	1 596 836	1 379 126	763 265	622 196	217 711	27 042	45 516	218 501
238160	Roofing contractors	3	1 603 172	1 596 836	1 379 126	763 265	622 196	217 711	27 042	45 516	218 501
23817	Siding contractors	1	75 122	73 531	69 841	46 287	25 145	3 690	1 486	[§] 2 065	7 325
238170	Siding contractors	1	75 122	73 531	69 841	46 287	25 145	3 690	1 486	[§] 2 065	7 325
23819	Other foundation, structure, and building exterior contractors ..	-	420 515	417 310	360 078	252 985	110 298	57 232	11 833	7 836	71 016
238190	Other foundation, structure, and building exterior contractors	-	420 515	417 310	360 078	252 985	110 298	57 232	11 833	7 836	71 016

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
TEXAS—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	1	15 145 847	15 013 837	13 859 798	8 819 795	5 172 013	1 154 039	245 690	253 451	2 167 644
23821	Electrical Contractors	1	5 541 871	5 490 815	5 199 502	3 364 518	1 886 039	291 314	86 052	77 177	699 203
238210	Electrical Contractors	1	5 541 871	5 490 815	5 199 502	3 364 518	1 886 039	291 314	86 052	77 177	699 203
23822	Plumbing, heating, and air-conditioning contractors	1	8 131 851	8 061 607	7 254 106	4 435 029	2 889 320	807 501	122 576	118 120	1 030 588
238220	Plumbing, heating, and air-conditioning contractors	1	8 131 851	8 061 607	7 254 106	4 435 029	2 889 320	807 501	122 576	118 120	1 030 588
23829	Other building equipment contractors	—	1 472 125	1 461 414	1 406 191	1 020 248	396 654	55 223	37 062	58 154	437 853
238290	Other building equipment contractors	—	1 472 125	1 461 414	1 406 191	1 020 248	396 654	55 223	37 062	58 154	437 853
2383	Building finishing contractors	2	5 433 219	5 409 158	4 683 784	3 038 377	1 669 469	725 374	98 619	75 797	530 224
23831	Drywall and insulation contractors	2	1 992 504	1 991 153	1 672 825	1 088 604	585 572	318 328	31 343	20 308	133 199
238310	Drywall and insulation contractors	2	1 992 504	1 991 153	1 672 825	1 088 604	585 572	318 328	31 343	20 308	133 199
23832	Painting and wall covering contractors	2	1 195 179	1 193 185	1 045 811	761 027	286 777	147 375	29 716	22 449	158 580
238320	Painting and wall covering contractors	2	1 195 179	1 193 185	1 045 811	761 027	286 777	147 375	29 716	22 449	158 580
23833	Flooring contractors	2	567 148	565 810	489 853	269 369	221 822	75 957	7 477	6 846	44 588
238330	Flooring contractors	2	567 148	565 810	489 853	269 369	221 822	75 957	7 477	6 846	44 588
23834	Tile and terrazzo contractors	2	463 097	458 378	433 316	249 455	188 580	25 062	10 078	7 893	59 137
238340	Tile and terrazzo contractors	2	463 097	458 378	433 316	249 455	188 580	25 062	10 078	7 893	59 137
23835	Finish carpentry contractors	4	861 860	847 970	712 865	436 983	289 772	135 105	13 490	11 885	100 067
238350	Finish carpentry contractors	4	861 860	847 970	712 865	436 983	289 772	135 105	13 490	11 885	100 067
23839	Other building finishing contractors	2	353 432	352 661	329 114	232 939	96 946	\$23 546	6 515	6 417	34 654
238390	Other building finishing contractors	2	353 432	352 661	329 114	232 939	96 946	\$23 546	6 515	6 417	34 654
2389	Other specialty trade contractors	2	4 010 571	3 924 425	3 423 577	2 348 627	1 161 096	500 848	129 696	183 200	1 530 720
23891	Site preparation contractors	2	1 589 169	1 569 082	1 397 877	1 022 241	395 724	171 205	70 125	121 124	921 264
238910	Site preparation contractors	2	1 589 169	1 569 082	1 397 877	1 022 241	395 724	171 205	70 125	121 124	921 264
23899	All other specialty trade contractors	2	2 421 401	2 355 343	2 025 700	1 326 386	765 372	329 643	59 571	62 077	609 456
238990	All other specialty trade contractors	2	2 421 401	2 355 343	2 025 700	1 326 386	765 372	329 643	59 571	62 077	609 456

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)
TEXAS		
All establishments number..	37 444	2
All employees number..	555 061	1
Construction workers in March number..	416 558	1
Construction workers in May number..	418 484	1
Construction workers in August number..	425 480	1
Construction workers in November number..	413 310	1
Average number of construction workers number..	418 458	1
Other employees in March number..	142 163	2
Other employees in May number..	133 672	2
Other employees in August number..	135 364	2
Other employees in November number..	135 212	1
Average number of other employees number..	136 603	2
Total payroll \$1,000..	18 723 430	1
Construction workers \$1,000..	12 552 543	1
Other employees \$1,000..	6 170 887	1
First-quarter payroll, all employees \$1,000..	4 541 352	1
Fringe benefits, all employees \$1,000..	3 625 819	1
Legally required expenditures \$1,000..	2 383 611	1
Voluntary expenditures \$1,000..	1 242 208	1
Value of business done ¹ \$1,000..	94 067 369	1
Value of construction work ¹ \$1,000..	93 193 595	1
Value of construction work on government owned projects \$1,000..	22 287 627	2
Value of construction work on federally owned projects \$1,000..	4 768 251	3
Value of construction work on state and locally owned projects \$1,000..	17 519 376	2
Value of construction work on privately owned projects \$1,000..	70 905 967	1
Other business receipts \$1,000..	873 774	4
Value of construction work subcontracted in from others \$1,000..	30 224 259	2
Net value of construction work \$1,000..	69 864 888	1
Value added \$1,000..	44 004 429	1
Selected costs \$1,000..	50 062 940	2
Materials, parts, and supplies \$1,000..	25 556 219	2
Construction work subcontracted out to others \$1,000..	23 328 707	2
Selected power, fuels, and lubricants \$1,000..	1 178 014	2
Purchased electricity \$1,000..	219 687	2
Natural gas and manufactured gas \$1,000..	69 797	5
Gasoline and diesel fuel \$1,000..	820 610	2
On-highway use of gasoline and diesel fuel \$1,000..	583 763	2
Off-highway use of gasoline and diesel fuel \$1,000..	236 847	3
All other fuels and lubricants \$1,000..	67 920	10
Total rental costs \$1,000..	1 508 316	2
Machinery and equipment \$1,000..	1 096 933	2
Buildings \$1,000..	411 383	2
Selected purchased services \$1,000..	2 423 549	2
Communication services \$1,000..	718 775	1
Repairs to buildings and other structures \$1,000..	372 436	3
Repairs to machinery and equipment \$1,000..	648 341	3
Legal services \$1,000..	118 580	5
Accounting, auditing, and bookkeeping services \$1,000..	230 366	8
Advertising and promotional services \$1,000..	335 051	4
Beginning-of-year gross book value of depreciable assets \$1,000..	12 353 216	3
Capital expenditures, other than land \$1,000..	1 461 188	2
Retirements and disposition of depreciable assets \$1,000..	615 892	3
End-of-year gross book value of depreciable assets \$1,000..	13 198 512	3
Depreciation charges during year \$1,000..	1 378 793	3
Establishments with inventories number..	5 083	—
Value of construction work for establishments with inventories \$1,000..	23 854 924	—
End-of-2002, inventories of materials and supplies \$1,000..	2 713 004	4
End-of-2001, inventories of materials and supplies \$1,000..	2 514 345	4
Establishments with no inventories number..	28 854	—
Value of construction work for establishments with no inventories \$1,000..	64 245 299	—
Establishments not reporting inventories number..	3 507	—
Value of construction work for establishments not reporting inventores \$1,000..	5 093 371	—

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
TEXAS											
All establishments	1	37 444	555 061	18 723 430	94 067 369	93 193 595	69 864 888	44 004 429	26 734 233	23 328 707	1
Establishments with—											
1 to 4 employees	3	19 634	42 049	984 014	7 345 848	7 300 018	5 278 933	3 061 166	2 263 597	2 021 085	3
5 to 9 employees	4	7 947	49 946	1 296 528	6 904 913	6 851 086	5 256 254	3 220 520	2 089 561	1 594 831	4
10 to 19 employees	2	4 894	65 959	2 041 011	9 380 053	9 301 023	7 273 548	4 597 438	2 755 140	2 027 475	5
20 to 49 employees	1	3 062	92 243	3 095 641	14 883 265	14 761 715	11 007 522	6 849 114	4 279 958	3 754 192	4
50 to 99 employees	1	1 057	71 862	2 522 676	12 134 144	12 012 835	9 022 012	5 446 974	3 696 346	2 990 823	4
100 to 249 employees	—	632	93 008	3 372 216	18 031 437	17 906 356	13 081 323	7 870 407	5 335 997	4 825 033	3
250 to 499 employees	—	142	47 279	1 774 450	10 149 040	10 017 216	6 378 015	4 264 585	2 245 253	3 639 202	2
500 to 999 employees	—	53	37 534	1 438 616	6 687 814	6 668 732	5 062 556	2 901 267	2 180 371	1 606 176	1
1,000 employees or more	—	23	55 182	2 198 279	8 550 857	8 374 614	7 504 725	5 792 958	1 888 010	869 889	—

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
TEXAS											
All establishments	1	37 444	555 061	18 723 430	94 067 369	93 193 595	69 864 888	44 004 429	26 734 233	23 328 707	1
Establishments with value of business done—											
Less than \$25,000	6	S	S	2 057	7 079	7 079	6 205	4 213	1 993	873	22
\$25,000 to \$49,999	5	S	S	16 309	51 460	51 430	46 684	32 416	14 298	4 746	12
\$50,000 to \$99,999	5	3 133	5 188	70 506	232 665	230 630	203 917	143 281	62 671	26 713	8
\$100,000 to \$249,999	4	7 716	20 127	355 742	1 306 707	1 291 988	1 112 336	734 376	392 679	179 652	5
\$250,000 to \$499,999	4	7 028	28 223	633 673	2 487 037	2 470 791	2 097 071	1 347 183	766 135	373 719	5
\$500,000 to \$999,999	3	6 433	44 872	1 148 137	4 536 309	4 505 965	3 733 115	2 350 688	1 412 772	772 850	5
\$1,000,000 to \$2,499,999	3	5 815	72 454	2 218 567	9 003 997	8 930 729	7 212 811	4 543 104	2 742 975	1 717 918	4
\$2,500,000 to \$4,999,999	2	2 642	64 217	2 090 944	9 221 944	9 126 804	7 200 674	4 305 339	2 990 475	1 926 130	5
\$5,000,000 to \$9,999,999	2	1 406	67 893	2 195 488	9 969 166	9 906 636	7 705 235	4 650 414	3 117 350	2 201 402	6
\$10,000,000 or more	—	1 480	250 065	9 992 008	57 251 006	56 671 544	40 546 840	25 893 414	15 232 888	16 124 703	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)
TEXAS		
Total	93 193 595	1
Construction work done in Florida	711 677	2
Construction work done in Georgia	438 248	1
Construction work done in Louisiana	386 251	3
Construction work done in New Mexico	248 626	7
Construction work done in North Carolina	362 823	3
Construction work done in Oklahoma	368 861	16
Construction work done in Texas	86 981 606	1
Construction work done in Virginia	241 953	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
TEXAS								
Total	93 193 595	65 032 444	16 413 139	11 748 012	1	1	2	2
Building construction, total	65 327 414	47 230 972	11 326 653	6 769 789	1	2	3	3
Single-family houses, detached and attached	28 631 277	23 648 801	2 690 769	2 291 707	2	2	6	8
Single-family houses, detached	25 605 660	21 342 654	2 330 130	1 932 876	2	2	6	9
Single-family houses, attached	3 025 617	2 306 147	360 639	358 831	5	4	19	16
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives	2 921 359	2 275 893	319 579	325 887	4	5	8	7
Manufacturing and industrial warehouses	1 950 047	1 169 645	439 418	340 983	11	17	11	7
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories	2 366 103	944 575	617 797	803 731	7	4	12	10
Hotels, motels, and tourist cabins	1 198 550	885 594	182 665	130 290	6	5	10	12
Office buildings	7 577 910	4 258 220	2 301 776	1 017 914	4	3	9	6
Stores, restaurants, and automobile service stations, and other commercial buildings	6 105 878	3 991 189	1 395 213	719 476	9	12	14	6
Commercial warehouses such as distribution buildings and mini-storage	1 206 754	807 662	210 975	188 117	6	5	11	16
Religious buildings	1 564 412	1 095 023	341 508	127 880	8	7	16	8
Educational buildings	5 742 278	3 943 818	1 452 910	345 550	2	2	4	7
Health care and institutional buildings	2 818 806	1 669 353	881 122	268 331	5	4	7	15
Amusement, social, and recreational buildings	858 663	656 061	165 802	36 800	6	4	18	20
Other building construction	2 385 377	1 885 135	327 121	173 122	9	10	16	12
Nonbuilding construction, total	25 655 845	15 591 136	5 086 486	4 978 223	2	3	3	2
Highways, streets, and related work, such as installation of guardrails and signs	4 997 934	3 069 777	1 403 956	524 202	5	6	6	6
Private driveways and parking areas	955 636	617 802	208 289	129 545	11	10	32	8
Sewers, water mains, and related facilities	3 539 310	2 630 412	425 204	483 693	6	8	7	4
Sewers, sewer lines, septic systems, and related facilities	1 797 917	1 277 156	201 974	318 787	5	6	9	4
Water mains, storage, and related facilities	1 741 392	1 353 256	223 230	164 906	12	14	11	10
Oil and gas pipelines (except gathering), pumping stations, storage tanks, and mains	1 493 986	1 048 010	185 008	260 968	3	2	5	7
Power and communication transmission lines, cables, towers, and related facilities	1 733 169	1 022 042	345 251	365 877	6	7	6	6
Power plants	3 876 823	2 893 948	382 863	600 012	8	8	18	1
Power and cogeneration plants, except hydroelectric	2 466 598	1 709 893	306 329	450 375	1	1	4	2
Power plants, hydroelectric	1 410 225	1 184 055	76 534	149 636	21	19	90	1
Petrochemical plants and petroleum refineries	3 420 182	787 438	1 166 168	1 466 576	1	2	1	2
Outdoor swimming pools	836 014	657 627	99 314	79 074	12	12	17	15
Other nonbuilding construction	4 802 791	2 864 079	870 434	1 068 278	5	5	6	9
Construction work, nsk	2 210 336	2 210 336	—	—	—	—	—	—

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)
TEXAS		
Total	94 067 369	1
Building construction, total	37 231 944	2
Building construction on land owned by you, for sale	14 612 790	2
Building construction on land owned by others	16 016 200	5
Remodeling contractor	3 826 521	9
Construction management, at risk (for building construction)	1 744 200	3
Construction management, agency or fee only (for building construction)	1 032 233	8
Heavy construction and civil engineering construction, total	19 807 626	3
Highway and street general contractor	3 263 461	6
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways	1 889 019	13
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	12 561 278	4
Cable and conduit laying contractor	897 917	4
Excavation work, earthmoving or land clearing contractor, not connected with buildings	1 195 951	6
Special trade contractors, total	19 041 556	3
Heating, ventilation and air-conditioning contractor (HVAC)	3 539 341	3
Mechanical contractor	1 187 885	3
Plumbing contractor	2 660 600	5
Painting contractor	1 116 315	8
Electric power installation and service contractor, including lighting	3 950 295	2
Masonry contractor, brick, block, or stone (except brick paving)	801 622	13
Drywall contractor	1 234 768	13
Roofing contractor, except sheet metal	1 216 457	9
Foundation contractor, concrete	1 695 248	14
Concrete Contractor (except paving or foundation)	1 639 025	11
All other construction activities	14 918 259	2
Other business activities secondary to construction activities, total	857 458	3
All other business activities secondary to construction activities	857 458	3
Kind of business activity, nsk	2 210 525	11

¹For the 2002 Economic Census, the definition of value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

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.