

# Washington: 2002

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## 2002 Economic Census

*Construction*

Geographic Area Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



## 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	
<b>WASHINGTON</b>											
<b>23</b>	<b>Construction .....</b>	<b>21 701</b>	<b>167 874</b>	<b>124 311</b>	<b>116 942</b>	<b>124 640</b>	<b>132 319</b>	<b>123 340</b>	<b>6 330 733</b>	<b>4 340 243</b>	<b>1</b>
236	Construction of buildings .....	7 952	42 739	28 276	27 414	28 558	29 539	27 595	1 551 611	905 329	3
2361	Residential building construction ..	7 005	27 228	17 648	17 109	18 034	18 408	17 040	787 197	426 371	3
23611	Residential building construction ..	7 005	27 228	17 648	17 109	18 034	18 408	17 040	787 197	426 371	3
236115	New single-family housing construction (except operative builders) .....	2 180	7 769	5 150	5 012	5 372	5 302	4 913	210 877	111 803	7
236116	New multifamily housing construction (except operative builders) .....	159	1 271	781	815	758	776	774	42 901	26 426	12
236117	New housing operative builders .....	998	5 736	3 221	3 141	3 228	3 356	3 157	207 100	90 675	7
236118	Residential remodelers .....	3 667	12 452	8 497	8 142	8 676	8 974	8 195	326 318	197 468	5
2362	Nonresidential building construction .....	948	15 511	10 629	10 305	10 524	11 132	10 555	764 414	478 958	3
23621	Industrial building construction ..	19	975	608	704	607	622	500	46 810	29 633	8
236210	Industrial building construction ..	19	975	608	704	607	622	500	46 810	29 633	8
23622	Commercial and institutional building construction .....	929	14 537	10 021	9 601	9 917	10 509	10 055	717 604	449 325	3
236220	Commercial and institutional building construction .....	929	14 537	10 021	9 601	9 917	10 509	10 055	717 604	449 325	3
237	Heavy and civil engineering construction .....	1 334	29 955	23 075	21 450	23 451	24 971	22 428	1 360 776	949 951	2
2371	Utility system construction .....	477	9 451	7 050	6 753	6 998	7 396	7 052	455 662	322 523	4
23711	Water and sewer line and related structures construction .....	304	4 532	3 431	3 170	3 458	3 710	3 386	197 348	145 121	6
237110	Water and sewer line and related structures construction .....	304	4 532	3 431	3 170	3 458	3 710	3 386	197 348	145 121	6
23712	Oil and gas pipeline and related structures construction .....	7	1 006	841	888	776	806	896	62 855	47 075	1
237120	Oil and gas pipeline and related structures construction .....	7	1 006	841	888	776	806	896	62 855	47 075	1
23713	Power and communication line and related structures construction .....	165	3 913	2 777	2 694	2 764	2 880	2 771	195 458	130 328	5
237130	Power and communication line and related structures construction .....	165	3 913	2 777	2 694	2 764	2 880	2 771	195 458	130 328	5
2372	Land subdivision .....	138	995	257	261	210	246	312	36 184	12 648	19
23721	Land subdivision .....	138	995	257	261	210	246	312	36 184	12 648	19
237210	Land subdivision .....	138	995	257	261	210	246	312	36 184	12 648	19
2373	Highway, street, and bridge construction .....	362	9 466	7 218	6 026	7 361	8 417	7 069	501 614	330 845	4
23731	Highway, street, and bridge construction .....	362	9 466	7 218	6 026	7 361	8 417	7 069	501 614	330 845	4
237310	Highway, street, and bridge construction .....	362	9 466	7 218	6 026	7 361	8 417	7 069	501 614	330 845	4
2379	Other heavy and civil engineering construction .....	358	10 043	8 550	8 411	8 881	8 912	7 995	367 317	283 936	4
23799	Other heavy and civil engineering construction .....	358	10 043	8 550	8 411	8 881	8 912	7 995	367 317	283 936	4
237990	Other heavy and civil engineering construction ..	358	10 043	8 550	8 411	8 881	8 912	7 995	367 317	283 936	4
238	Specialty trade contractors .....	12 415	95 180	72 959	68 078	72 632	77 809	73 318	3 418 347	2 484 963	2
2381	Foundation, structure, and building exterior contractors .....	3 292	21 929	17 264	15 685	16 715	18 540	18 116	699 236	504 991	5
23811	Poured concrete foundation and structure contractors .....	679	4 723	3 928	3 605	3 727	4 227	4 154	151 360	112 479	9
238110	Poured concrete foundation and structure contractors ..	679	4 723	3 928	3 605	3 727	4 227	4 154	151 360	112 479	9
23812	Structural steel and precast concrete contractors .....	104	1 035	848	833	854	892	814	49 868	38 824	11
238120	Structural steel and precast concrete contractors .....	104	1 035	848	833	854	892	814	49 868	38 824	11
23813	Framing contractors .....	549	2 721	2 272	2 227	2 204	2 243	2 415	75 185	59 924	11
238130	Framing contractors .....	549	2 721	2 272	2 227	2 204	2 243	2 415	75 185	59 924	11
23814	Masonry contractors .....	541	3 031	2 461	2 333	2 373	2 635	2 504	108 978	90 287	13
238140	Masonry contractors .....	541	3 031	2 461	2 333	2 373	2 635	2 504	108 978	90 287	13
23815	Glass and glazing contractors ..	176	1 595	1 019	1 052	1 038	1 007	978	59 421	34 154	17
238150	Glass and glazing contractors .....	176	1 595	1 019	1 052	1 038	1 007	978	59 421	34 154	17
23816	Roofing contractors .....	925	6 346	4 961	4 262	4 750	5 598	5 234	188 120	130 034	10
238160	Roofing contractors .....	925	6 346	4 961	4 262	4 750	5 598	5 234	188 120	130 034	10
23817	Siding contractors .....	257	1 925	1 491	1 080	1 461	1 657	1 766	45 434	30 381	12
238170	Siding contractors .....	257	1 925	1 491	1 080	1 461	1 657	1 766	45 434	30 381	12

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	
<b>WASHINGTON—Con.</b>											
<b>23</b>	<b>Construction—Con.</b>										
238	Specialty trade contractors—Con.										
2381	Foundation, structure, and building exterior contractors—Con.										
23819	Other foundation, structure, and building exterior contractors...	62	554	283	294	308	280	250	20 869	8 907	12
238190	Other foundation, structure, and building exterior contractors .....	62	554	283	294	308	280	250	20 869	8 907	12
2382	Building equipment contractors ...	3 078	36 780	27 396	26 922	27 330	28 199	27 134	1 570 397	1 142 423	3
23821	Electrical Contractors .....	1 386	17 357	13 858	13 732	13 981	14 255	13 463	725 486	549 116	4
238210	Electrical Contractors .....	1 386	17 357	13 858	13 732	13 981	14 255	13 463	725 486	549 116	4
23822	Plumbing, heating, and air-conditioning contractors .....	1 602	18 051	12 632	12 291	12 478	13 008	12 751	772 633	543 668	4
238220	Plumbing, heating, and air-conditioning contractors .....	1 602	18 051	12 632	12 291	12 478	13 008	12 751	772 633	543 668	4
23829	Other building equipment contractors .....	90	1 372	907	899	871	936	921	72 278	49 639	6
238290	Other building equipment contractors .....	90	1 372	907	899	871	936	921	72 278	49 639	6
2383	Building finishing contractors .....	4 312	24 380	19 176	17 310	19 277	20 935	19 184	742 563	550 656	5
23831	Drywall and insulation contractors .....	720	8 452	7 121	6 801	7 100	7 394	7 189	310 473	245 119	7
238310	Drywall and insulation contractors .....	720	8 452	7 121	6 801	7 100	7 394	7 189	310 473	245 119	7
23832	Painting and wall covering contractors .....	1 485	8 117	6 520	5 421	6 464	7 728	6 466	209 339	155 844	9
238320	Painting and wall covering contractors .....	1 485	8 117	6 520	5 421	6 464	7 728	6 466	209 339	155 844	9
23833	Flooring contractors .....	548	2 422	1 610	1 566	1 660	1 637	1 579	60 276	36 819	18
238330	Flooring contractors .....	548	2 422	1 610	1 566	1 660	1 637	1 579	60 276	36 819	18
23834	Tile and terrazzo contractors .....	322	1 114	780	751	838	774	755	36 429	26 540	14
238340	Tile and terrazzo contractors .....	322	1 114	780	751	838	774	755	36 429	26 540	14
23835	Finish carpentry contractors .....	1 171	3 691	2 703	2 336	2 805	2 916	2 755	107 917	74 407	12
238350	Finish carpentry contractors .....	1 171	3 691	2 703	2 336	2 805	2 916	2 755	107 917	74 407	12
23839	Other building finishing contractors .....	66	584	442	436	409	485	439	18 129	11 927	15
238390	Other building finishing contractors .....	66	584	442	436	409	485	439	18 129	11 927	15
2389	Other specialty trade contractors .....	1 732	12 092	9 123	8 161	9 309	10 136	8 884	406 151	286 893	6
23891	Site preparation contractors .....	904	7 563	5 878	5 459	6 000	6 577	5 477	275 438	197 192	8
238910	Site preparation contractors .....	904	7 563	5 878	5 459	6 000	6 577	5 477	275 438	197 192	8
23899	All other specialty trade contractors .....	828	4 529	3 244	2 702	3 309	3 559	3 407	130 713	89 701	9
238990	All other specialty trade contractors .....	828	4 529	3 244	2 702	3 309	3 559	3 407	130 713	89 701	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 <sup>1</sup>	Value of business done <sup>2</sup>	Value of construction work <sup>2</sup>	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
<b>WASHINGTON</b>											
<b>23</b>	<b>Construction .....</b>	<b>1</b>	<b>27 916 123</b>	<b>27 533 813</b>	<b>20 229 076</b>	<b>12 954 634</b>	<b>7 656 753</b>	<b>7 304 737</b>	<b>472 310</b>	<b>452 348</b>	<b>3 989 920</b>
236	Construction of buildings .....	1	11 814 462	11 732 615	6 538 048	3 940 934	2 678 961	5 194 567	95 162	74 434	638 415
2361	Residential building construction ..	2	6 546 374	6 513 741	4 309 455	2 527 767	1 814 321	2 204 286	40 564	47 795	363 946
23611	Residential building construction .....	2	6 546 374	6 513 741	4 309 455	2 527 767	1 814 321	2 204 286	40 564	47 795	363 946
236115	New single-family housing construction (except operative builders) .....	3	1 522 984	1 518 492	928 939	489 834	443 597	589 553	9 159	11 357	105 459
236116	New multifamily housing construction (except operative builders) .....	2	346 398	346 036	173 547	55 800	118 109	172 489	3 971	2 548	17 255
236117	New housing operative builders .....	1	3 119 894	3 098 165	2 160 771	1 354 876	827 624	937 394	10 942	20 583	135 070
236118	Residential remodelers .....	3	1 557 098	1 551 048	1 046 198	627 258	424 990	504 850	16 492	13 308	106 162
2362	Nonresidential building construction .....	-	5 268 088	5 218 874	2 228 593	1 413 167	864 640	2 990 281	54 598	26 639	274 469
23621	Industrial building construction ..	4	135 480	132 304	89 246	64 387	28 035	43 058	2 601	1 833	28 928
236210	Industrial building construction .....	4	135 480	132 304	89 246	64 387	28 035	43 058	2 601	1 833	28 928
23622	Commercial and institutional building construction .....	-	5 132 608	5 086 570	2 139 347	1 348 780	836 605	2 947 223	51 997	24 805	245 541
236220	Commercial and institutional building construction .....	-	5 132 608	5 086 570	2 139 347	1 348 780	836 605	2 947 223	51 997	24 805	245 541
237	Heavy and civil engineering construction .....	1	5 628 758	5 452 777	4 171 821	2 579 793	1 768 009	1 280 956	163 752	156 819	1 614 642
2371	Utility system construction .....	1	1 628 120	1 591 983	1 330 168	943 411	422 894	261 815	53 952	57 785	521 451
23711	Water and sewer line and related structures construction .....	1	871 674	D	672 156	402 974	D	D	26 300	26 380	307 280
237110	Water and sewer line and related structures construction .....	1	871 674	D	672 156	402 974	D	D	26 300	26 380	307 280
23712	Oil and gas pipeline and related structures construction .....	-	172 723	D	D	123 821	D	D	6 676	5 033	33 764
237120	Oil and gas pipeline and related structures construction .....	-	172 723	D	D	123 821	D	D	6 676	5 033	33 764
23713	Power and communication line and related structures construction .....	1	583 724	D	D	416 616	D	D	20 976	26 372	180 407
237130	Power and communication line and related structures construction .....	1	583 724	D	D	416 616	D	D	20 976	26 372	180 407
2372	Land subdivision .....	4	323 116	315 356	251 649	196 554	62 855	63 708	2 589	2 876	28 987
23721	Land subdivision .....	4	323 116	315 356	251 649	196 554	62 855	63 708	2 589	2 876	28 987
237210	Land subdivision .....	4	323 116	315 356	251 649	196 554	62 855	63 708	2 589	2 876	28 987
2373	Highway, street, and bridge construction .....	-	2 533 225	2 422 291	1 645 111	1 145 621	610 423	777 180	62 890	75 463	920 295
23731	Highway, street, and bridge construction .....	-	2 533 225	2 422 291	1 645 111	1 145 621	610 423	777 180	62 890	75 463	920 295
237310	Highway, street, and bridge construction .....	-	2 533 225	2 422 291	1 645 111	1 145 621	610 423	777 180	62 890	75 463	920 295
2379	Other heavy and civil engineering construction .....	1	1 144 298	1 123 147	944 893	294 207	671 837	178 254	44 321	20 696	143 908
23799	Other heavy and civil engineering construction .....	1	1 144 298	1 123 147	944 893	294 207	671 837	178 254	44 321	20 696	143 908
237990	Other heavy and civil engineering construction .....	1	1 144 298	1 123 147	944 893	294 207	671 837	178 254	44 321	20 696	143 908
238	Specialty trade contractors .....	1	10 472 903	10 348 421	9 519 207	6 433 906	3 209 783	829 214	213 396	221 095	1 736 863
2381	Foundation, structure, and building exterior contractors .....	2	2 218 313	2 187 120	2 064 459	1 387 105	708 548	122 660	43 311	50 127	315 146
23811	Poured concrete foundation and structure contractors .....	3	445 998	444 176	416 669	294 370	124 121	27 508	8 451	11 285	74 067
238110	Poured concrete foundation and structure contractors .....	3	445 998	444 176	416 669	294 370	124 121	27 508	8 451	11 285	74 067
23812	Structural steel and precast concrete contractors .....	2	154 621	154 621	148 541	103 110	45 430	6 080	4 797	2 276	25 412
238120	Structural steel and precast concrete contractors .....	2	154 621	154 621	148 541	103 110	45 430	6 080	4 797	2 276	25 412
23813	Framing contractors .....	-	192 516	192 182	168 319	140 629	28 024	<sup>3</sup> 23 863	3 199	798	14 750
238130	Framing contractors .....	-	192 516	192 182	168 319	140 629	28 024	<sup>3</sup> 23 863	3 199	798	14 750
23814	Masonry contractors .....	1	280 543	278 259	270 955	199 154	74 085	7 304	4 294	3 909	47 231
238140	Masonry contractors .....	1	280 543	278 259	270 955	199 154	74 085	7 304	4 294	3 909	47 231
23815	Glass and glazing contractors ..	2	228 918	218 584	214 512	124 600	100 246	4 072	5 575	3 096	23 462
238150	Glass and glazing contractors .....	2	228 918	218 584	214 512	124 600	100 246	4 072	5 575	3 096	23 462
23816	Roofing contractors .....	1	690 380	679 105	649 346	406 304	254 317	29 759	12 066	25 907	100 679
238160	Roofing contractors .....	1	690 380	679 105	649 346	406 304	254 317	29 759	12 066	25 907	100 679
23817	Siding contractors .....	1	174 670	170 388	149 662	86 390	67 553	20 727	2 912	1 811	16 987
238170	Siding contractors .....	1	174 670	170 388	149 662	86 390	67 553	20 727	2 912	1 811	16 987
23819	Other foundation, structure, and building exterior contractors .....	-	50 667	49 805	46 457	32 548	14 771	3 348	2 017	1 046	12 559
238190	Other foundation, structure, and building exterior contractors .....	-	50 667	49 805	46 457	32 548	14 771	3 348	2 017	1 046	12 559

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 <sup>1</sup>	Value of business done <sup>2</sup>	Value of construction work <sup>2</sup>	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
<b>WASHINGTON—Con.</b>											
<b>23</b>	<b>Construction—Con.</b>										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	1	4 624 720	4 570 314	4 240 970	2 800 709	1 494 667	329 344	82 925	64 807	536 223
23821	Electrical Contractors . . . . .	1	2 026 919	2 011 442	1 912 212	1 280 745	646 944	99 230	34 938	30 466	217 764
238210	Electrical Contractors . . . . .	1	2 026 919	2 011 442	1 912 212	1 280 745	646 944	99 230	34 938	30 466	217 764
23822	Plumbing, heating, and air-conditioning contractors . . . . .	1	2 378 599	2 344 257	2 121 975	1 383 106	773 211	222 282	42 691	32 126	292 899
238220	Plumbing, heating, and air-conditioning contractors . . . . .	1	2 378 599	2 344 257	2 121 975	1 383 106	773 211	222 282	42 691	32 126	292 899
23829	Other building equipment contractors . . . . .	—	219 202	214 615	206 783	136 858	74 512	7 832	5 296	2 216	25 560
238290	Other building equipment contractors . . . . .	—	219 202	214 615	206 783	136 858	74 512	7 832	5 296	2 216	25 560
2383	Building finishing contractors . . . . .	3	2 076 368	2 063 902	1 871 097	1 325 732	557 830	192 805	38 494	31 449	246 848
23831	Drywall and insulation contractors . . . . .	2	794 844	794 191	717 313	512 555	205 411	76 878	11 622	9 636	73 144
238310	Drywall and insulation contractors . . . . .	2	794 844	794 191	717 313	512 555	205 411	76 878	11 622	9 636	73 144
23832	Painting and wall covering contractors . . . . .	2	500 666	497 463	473 382	371 450	105 135	24 081	14 095	11 622	73 789
238320	Painting and wall covering contractors . . . . .	2	500 666	497 463	473 382	371 450	105 135	24 081	14 095	11 622	73 789
23833	Flooring contractors . . . . .	2	252 312	250 855	216 039	125 048	92 448	34 815	4 601	4 247	26 207
238330	Flooring contractors . . . . .	2	252 312	250 855	216 039	125 048	92 448	34 815	4 601	4 247	26 207
23834	Tile and terrazzo contractors . . . . .	3	119 079	D	113 394	80 578	D	D	1 741	1 090	15 627
238340	Tile and terrazzo contractors . . . . .	3	119 079	D	113 394	80 578	D	D	1 741	1 090	15 627
23835	Finish carpentry contractors . . . . .	4	363 295	358 272	306 556	201 816	109 762	51 716	5 239	4 350	53 287
238350	Finish carpentry contractors . . . . .	4	363 295	358 272	306 556	201 816	109 762	51 716	5 239	4 350	53 287
23839	Other building finishing contractors . . . . .	2	46 172	D	44 412	34 284	D	D	1 195	504	4 795
238390	Other building finishing contractors . . . . .	2	46 172	D	44 412	34 284	D	D	1 195	504	4 795
2389	Other specialty trade contractors . . . . .	1	1 553 502	1 527 085	1 342 681	920 360	448 738	184 405	48 666	74 712	638 646
23891	Site preparation contractors . . . . .	—	1 099 682	1 079 171	933 937	655 667	298 781	145 234	38 531	56 450	501 307
238910	Site preparation contractors . . . . .	—	1 099 682	1 079 171	933 937	655 667	298 781	145 234	38 531	56 450	501 307
23899	All other specialty trade contractors . . . . .	2	453 820	447 914	408 744	264 692	149 958	39 170	10 135	18 261	137 339
238990	All other specialty trade contractors . . . . .	2	453 820	447 914	408 744	264 692	149 958	39 170	10 135	18 261	137 339

<sup>1</sup>Construction 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.

<sup>2</sup>For 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)
<b>WASHINGTON</b>		
All establishments . . . . . number..	21 701	3
All employees . . . . . number..	167 874	1
Construction workers in March . . . . . number..	116 942	2
Construction workers in May . . . . . number..	124 640	1
Construction workers in August . . . . . number..	132 319	2
Construction workers in November . . . . . number..	123 340	1
Average number of construction workers . . . . . number..	124 311	1
Other employees in March . . . . . number..	46 777	2
Other employees in May . . . . . number..	42 123	2
Other employees in August . . . . . number..	42 587	2
Other employees in November . . . . . number..	42 766	2
Average number of other employees . . . . . number..	43 563	2
Total payroll . . . . . \$1,000..	6 330 733	1
Construction workers . . . . . \$1,000..	4 340 243	1
Other employees . . . . . \$1,000..	1 990 491	1
First-quarter payroll, all employees . . . . . \$1,000..	1 499 041	1
Fringe benefits, all employees . . . . . \$1,000..	1 599 737	1
Legally required expenditures . . . . . \$1,000..	922 584	1
Voluntary expenditures . . . . . \$1,000..	677 153	1
Value of business done <sup>1</sup> . . . . . \$1,000..	27 916 123	1
Value of construction work <sup>1</sup> . . . . . \$1,000..	27 533 813	1
Value of construction work on government owned projects . . . . . \$1,000..	7 387 740	2
Value of construction work on federally owned projects . . . . . \$1,000..	1 743 604	3
Value of construction work on state and locally owned projects . . . . . \$1,000..	5 644 135	2
Value of construction work on privately owned projects . . . . . \$1,000..	20 146 074	1
Other business receipts . . . . . \$1,000..	382 310	3
Value of construction work subcontracted in from others . . . . . \$1,000..	9 014 524	2
Net value of construction work . . . . . \$1,000..	20 229 076	1
Value added . . . . . \$1,000..	12 954 634	1
Selected costs . . . . . \$1,000..	14 961 490	2
Materials, parts, and supplies . . . . . \$1,000..	7 305 314	2
Construction work subcontracted out to others . . . . . \$1,000..	7 304 737	2
Selected power, fuels, and lubricants . . . . . \$1,000..	351 439	2
Purchased electricity . . . . . \$1,000..	63 125	4
Natural gas and manufactured gas . . . . . \$1,000..	23 882	6
Gasoline and diesel fuel . . . . . \$1,000..	247 976	2
On-highway use of gasoline and diesel fuel . . . . . \$1,000..	189 517	2
Off-highway use of gasoline and diesel fuel . . . . . \$1,000..	58 460	2
All other fuels and lubricants . . . . . \$1,000..	16 456	3
Total rental costs . . . . . \$1,000..	472 310	2
Machinery and equipment . . . . . \$1,000..	312 101	2
Buildings . . . . . \$1,000..	160 209	2
Selected purchased services . . . . . \$1,000..	720 603	2
Communication services . . . . . \$1,000..	217 825	1
Repairs to buildings and other structures . . . . . \$1,000..	106 184	2
Repairs to machinery and equipment . . . . . \$1,000..	177 372	2
Legal services . . . . . \$1,000..	44 246	6
Accounting, auditing, and bookkeeping services . . . . . \$1,000..	77 982	7
Advertising and promotional services . . . . . \$1,000..	96 995	6
Beginning-of-year gross book value of depreciable assets . . . . . \$1,000..	3 712 631	2
Capital expenditures, other than land . . . . . \$1,000..	452 348	3
Retirements and disposition of depreciable assets . . . . . \$1,000..	175 059	3
End-of-year gross book value of depreciable assets . . . . . \$1,000..	3 989 920	2
Depreciation charges during year . . . . . \$1,000..	403 872	2
Establishments with inventories . . . . . number..	2 935	—
Value of construction work for establishments with inventories . . . . . \$1,000..	7 148 548	—
End-of-2002, inventories of materials and supplies . . . . . \$1,000..	358 991	10
End-of-2001, inventories of materials and supplies . . . . . \$1,000..	387 542	11
Establishments with no inventories . . . . . number..	17 338	—
Value of construction work for establishments with no inventories . . . . . \$1,000..	19 555 250	—
Establishments not reporting inventories . . . . . number..	1 428	—
Value of construction work for establishments not reporting inventores . . . . . \$1,000..	830 015	—

<sup>1</sup>For 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 <sup>1</sup>	Number of establishments	Total number of employees	Total payroll	Value of business done <sup>2</sup>	Value of construction work <sup>2</sup>	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
<b>WASHINGTON</b>											
All establishments .....	1	21 701	167 874	6 330 733	27 916 123	27 533 813	20 229 076	12 954 634	7 656 753	7 304 737	1
Establishments with—											
1 to 4 employees .....	3	14 372	28 881	664 127	3 728 347	3 711 909	2 853 810	1 742 122	1 128 127	858 099	4
5 to 9 employees .....	2	4 072	25 432	751 618	3 389 837	3 364 749	2 616 213	1 648 879	992 423	748 536	5
10 to 19 employees .....	1	1 802	23 926	841 997	3 501 975	3 468 541	2 680 470	1 700 486	1 013 417	788 072	6
20 to 49 employees .....	1	1 007	29 924	1 215 450	5 242 037	5 163 603	3 851 646	2 465 360	1 464 719	1 311 957	3
50 to 99 employees .....	1	297	20 437	944 155	3 930 865	3 868 326	2 737 351	1 908 955	890 936	1 130 975	2
100 to 249 employees .....	—	115	17 477	820 876	3 579 445	3 523 989	2 426 302	1 737 988	743 770	1 097 687	—
250 to 499 employees .....	1	26	9 053	469 469	2 383 306	2 317 182	1 553 355	1 004 170	615 309	763 827	—
500 to 999 employees .....	—	8	D	D	D	D	D	D	D	D	S
1,000 employees or more .....	—	2	D	D	D	D	D	D	D	D	S

<sup>1</sup>Construction 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.

<sup>2</sup>For 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 <sup>1</sup>	Number of establishments	Total number of employees	Total payroll	Value of business done <sup>2</sup>	Value of construction work <sup>2</sup>	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
<b>WASHINGTON</b>											
All establishments .....	1	21 701	167 874	6 330 733	27 916 123	27 533 813	20 229 076	12 954 634	7 656 753	7 304 737	1
Establishments with value of business done—											
Less than \$25,000 .....	6	S	S	2 145	7 732	7 533	6 823	4 837	2 185	\$709	22
\$25,000 to \$49,999 .....	5	S	S	12 935	44 743	43 794	38 128	27 444	11 633	5 666	13
\$50,000 to \$99,999 .....	5	2 797	4 184	56 450	215 282	214 895	187 336	124 296	63 427	27 559	8
\$100,000 to \$249,999 .....	4	6 349	15 291	273 225	1 044 623	1 034 591	891 964	593 292	308 705	142 627	5
\$250,000 to \$499,999 .....	3	3 911	15 342	389 877	1 396 486	1 389 363	1 179 835	779 784	407 174	209 529	6
\$500,000 to \$999,999 .....	2	3 103	19 526	596 112	2 177 749	2 163 898	1 840 298	1 195 602	658 547	323 600	6
\$1,000,000 to \$2,499,999 .....	2	2 229	24 548	870 259	3 406 411	3 375 835	2 719 486	1 710 246	1 039 816	656 349	5
\$2,500,000 to \$4,999,999 .....	—	802	17 946	736 689	2 837 450	2 792 940	2 228 044	1 410 580	861 973	564 896	5
\$5,000,000 to \$9,999,999 .....	1	512	19 123	843 113	3 552 232	3 496 567	2 564 356	1 666 061	953 960	932 211	4
\$10,000,000 or more .....	—	400	50 134	2 549 928	13 233 414	13 014 397	8 572 805	5 442 491	3 349 332	4 441 591	1

<sup>1</sup>Construction 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.

<sup>2</sup>For 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 <sup>1</sup>	Relative standard error of estimate (percent)
<b>WASHINGTON</b>		
Total .....	27 533 813	1
Construction work done in Alaska .....	84 826	8
Construction work done in Arizona .....	186 349	1
Construction work done in California .....	374 844	2
Construction work done in Hawaii .....	256 221	3
Construction work done in Idaho .....	274 690	5
Construction work done in Oregon .....	938 858	4
Construction work done in Washington .....	24 527 534	1

<sup>1</sup>For 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 <sup>1</sup>				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
<b>WASHINGTON</b>								
Total .....	27 533 813	18 291 446	6 290 654	2 951 714	1	2	1	2
Building construction, total .....	19 778 581	12 951 421	4 774 331	2 052 829	1	2	2	2
Single-family houses, detached and attached .....	8 168 984	5 896 166	1 479 704	793 114	3	4	4	4
Single-family houses, detached .....	7 310 535	5 334 836	1 315 850	659 849	3	4	4	5
Single-family houses, attached .....	858 448	561 330	163 853	133 265	8	11	9	12
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives .....	1 082 885	764 260	194 598	124 027	5	6	9	8
Manufacturing and industrial warehouses .....	761 458	495 937	135 848	129 673	9	12	5	9
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories .....	733 495	344 201	197 126	192 168	3	3	5	7
Hotels, motels, and tourist cabins .....	305 065	241 791	33 762	29 512	7	7	9	15
Office buildings .....	2 613 581	1 623 280	707 161	283 140	2	2	4	3
Stores, restaurants, and automobile service stations, and other commercial buildings .....	1 874 444	1 115 110	552 148	207 186	3	3	4	5
Commercial warehouses such as distribution buildings and mini-storage .....	526 686	287 860	178 172	60 654	4	4	6	9
Religious buildings .....	217 894	121 517	67 571	28 807	7	11	7	14
Educational buildings .....	1 535 279	934 390	518 088	82 801	3	4	4	9
Health care and institutional buildings .....	949 383	469 532	423 614	56 237	3	4	5	5
Public safety buildings such as prisons, police, and fire stations .....	344 837	212 419	112 922	19 496	5	4	14	8
Amusement, social, and recreational buildings .....	331 670	252 633	67 739	11 298	5	2	23	11
Other building construction .....	332 920	192 326	105 877	34 717	9	15	5	12
Nonbuilding construction, total .....	6 387 552	3 972 344	1 516 322	898 886	1	1	2	3
Highways, streets, and related work, such as installation of guardrails and signs .....	1 857 396	887 628	738 462	231 306	2	3	3	8
Private driveways and parking areas .....	386 960	182 729	120 516	83 715	7	8	6	9
Bridges and elevated highways .....	314 126	202 913	76 936	34 276	6	7	7	24
Sewers, water mains, and related facilities .....	1 021 491	746 613	149 874	125 004	4	4	4	9
Sewers, sewer lines, septic systems, and related facilities .....	593 330	428 960	82 209	82 160	6	7	5	13
Water mains, storage, and related facilities .....	428 162	317 653	67 665	42 844	5	6	6	10
Power and communication transmission lines, cables, towers, and related facilities .....	538 434	352 330	87 259	98 845	4	4	6	6
Power plants .....	676 472	615 096	21 225	40 150	1	—	3	7
Power and cogeneration plants, except hydroelectric .....	D	D	D	D	S	S	S	S
Power plants, hydroelectric .....	D	D	D	D	S	S	S	S
Sewage and water treatment plants .....	279 296	187 643	75 917	15 737	2	2	7	9
Other nonbuilding construction .....	1 313 376	797 391	246 133	269 852	3	3	10	6
Construction work, nsk .....	1 367 680	1 367 680	—	—	—	—	—	—

<sup>1</sup>For 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 <sup>1</sup>	Relative standard error of estimate (percent)
<b>WASHINGTON</b>		
Total .....	27 916 123	1
Building construction, total .....	9 999 260	2
Building construction on land owned by you, for sale .....	2 689 144	6
Building construction on land owned by others .....	5 290 653	2
Remodeling contractor .....	1 743 842	4
Construction management, at risk (for building construction) .....	275 621	1
Heavy construction and civil engineering construction, total .....	5 045 345	2
Subdividing and servicing of raw land into lots, for sale by you .....	421 513	12
Highway and street general contractor .....	916 606	3
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways .....	515 740	5
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines .....	2 197 563	2
Cable and conduit laying contractor .....	372 855	4
Excavation work, earthmoving or land clearing contractor, not connected with buildings .....	621 069	5
Special trade contractors, total .....	7 393 915	2
Heating, ventilation and air-conditioning contractor (HVAC) .....	998 730	5
Mechanical contractor .....	467 194	3
Plumbing contractor .....	621 195	8
Painting contractor .....	461 019	7
Electric power installation and service contractor, including lighting .....	1 419 132	4
Telecommunications installation and service contractor (except transmission lines) .....	209 418	3
Masonry contractor, brick, block, or stone (except brick paving) .....	195 456	10
Drywall contractor .....	496 849	6
Insulation contractor .....	195 827	14
Finish carpentry contractor .....	346 545	13
Framing contractor, except steel .....	208 074	13
Roofing contractor, except sheet metal .....	555 981	11
Asphalt, concrete, and brick paving contractor, residential or commercial driveways and parking areas .....	207 358	9
Concrete Contractor (except paving or foundation) .....	350 932	9
Glass, glazing, and tinting contractor .....	202 722	14
Excavation work: earthmoving or land clearing contractor, connected with buildings .....	457 481	6
All other construction activities .....	3 731 859	2
Other business activities secondary to construction activities, total .....	378 063	3
All other business activities secondary to construction activities .....	378 063	3
Kind of business activity, nsk .....	1 367 680	12

<sup>1</sup>For 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.