

West Virginia: 2002

Issued September 2005

EC02-23A-WV

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	
WEST VIRGINIA											
23	Construction	4 170	29 255	22 324	21 311	22 017	23 522	22 448	914 587	677 017	2
236	Construction of buildings	1 726	8 378	6 078	6 089	5 980	6 297	5 946	208 778	133 870	4
2361	Residential building construction ..	1 473	5 240	3 707	3 646	3 643	3 895	3 643	100 976	59 677	6
23611	Residential building construction ..	1 473	5 240	3 707	3 646	3 643	3 895	3 643	100 976	59 677	6
236115	New single-family housing construction (except operative builders)	527	2 182	1 567	1 510	1 558	1 642	1 557	42 710	25 920	10
236116	New multifamily housing construction (except operative builders)	*32	*104	*83	*144	*62	*66	*60	2 231	1 281	*46
236117	New housing operative builders	220	1 025	685	698	665	709	670	21 857	12 087	13
236118	Residential remodelers	696	1 930	1 371	1 294	1 358	1 478	1 356	34 177	20 389	10
2362	Nonresidential building construction	253	3 138	2 371	2 443	2 337	2 403	2 303	107 802	74 193	4
23621	Industrial building construction ..	*53	584	433	476	423	389	443	20 965	16 168	15
236210	Industrial building construction ..	*53	584	433	476	423	389	443	20 965	16 168	15
23622	Commercial and institutional building construction	200	2 555	1 939	1 967	1 914	2 014	1 860	86 837	58 024	4
236220	Commercial and institutional building construction	200	2 555	1 939	1 967	1 914	2 014	1 860	86 837	58 024	4
237	Heavy and civil engineering construction	364	6 090	4 869	4 173	4 912	5 282	5 111	240 128	178 342	3
2371	Utility system construction	192	2 830	2 382	1 894	2 291	2 638	2 706	111 774	90 770	5
23711	Water and sewer line and related structures construction	133	996	786	581	783	892	887	38 713	30 117	7
237110	Water and sewer line and related structures construction	133	996	786	581	783	892	887	38 713	30 117	7
23712	Oil and gas pipeline and related structures construction	26	946	825	740	763	874	925	37 943	30 557	6
237120	Oil and gas pipeline and related structures construction	26	946	825	740	763	874	925	37 943	30 557	6
23713	Power and communication line and related structures construction	33	889	771	573	745	873	894	35 118	30 096	11
237130	Power and communication line and related structures construction	33	889	771	573	745	873	894	35 118	30 096	11
2372	Land subdivision	14	68	18	22	19	15	14	2 887	784	24
23721	Land subdivision	14	68	18	22	19	15	14	2 887	784	24
237210	Land subdivision	14	68	18	22	19	15	14	2 887	784	24
2373	Highway, street, and bridge construction	76	2 147	1 593	1 368	1 701	1 707	1 596	80 807	52 457	6
23731	Highway, street, and bridge construction	76	2 147	1 593	1 368	1 701	1 707	1 596	80 807	52 457	6
237310	Highway, street, and bridge construction	76	2 147	1 593	1 368	1 701	1 707	1 596	80 807	52 457	6
2379	Other heavy and civil engineering construction	81	1 045	877	889	902	921	795	44 660	34 332	7
23799	Other heavy and civil engineering construction	81	1 045	877	889	902	921	795	44 660	34 332	7
237990	Other heavy and civil engineering construction ..	81	1 045	877	889	902	921	795	44 660	34 332	7
238	Specialty trade contractors	2 079	14 787	11 377	11 049	11 125	11 943	11 391	465 681	364 805	4
2381	Foundation, structure, and building exterior contractors	451	2 651	2 161	1 986	2 232	2 280	2 146	68 648	51 573	9
23811	Poured concrete foundation and structure contractors	*67	233	190	150	187	212	209	D	D	26
238110	Poured concrete foundation and structure contractors ...	*67	233	190	150	187	212	209	D	D	26
23812	Structural steel and precast concrete contractors	9	124	98	87	89	127	90	4 941	3 428	8
238120	Structural steel and precast concrete contractors	9	124	98	87	89	127	90	4 941	3 428	8
23813	Framing contractors	63	402	339	279	350	369	357	9 780	7 639	29
238130	Framing contractors	63	402	339	279	350	369	357	9 780	7 639	29
23814	Masonry contractors	140	728	594	655	649	561	511	18 462	15 518	24
238140	Masonry contractors	140	728	594	655	649	561	511	18 462	15 518	24
23815	Glass and glazing contractors ..	*29	88	56	42	63	59	58	D	D	22
238150	Glass and glazing contractors	*29	88	56	42	63	59	58	D	D	22
23816	Roofing contractors	77	780	637	530	628	721	669	20 795	14 561	8
238160	Roofing contractors	77	780	637	530	628	721	669	20 795	14 561	8
23817	Siding contractors	*63	273	229	226	248	211	232	7 271	4 892	22
238170	Siding contractors	*63	273	229	226	248	211	232	7 271	4 892	22

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	
WEST VIRGINIA—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...	3	23	18	17	17	19	19	D	D	—
238190	Other foundation, structure, and building exterior contractors	3	23	18	17	17	19	19	D	D	—
2382	Building equipment contractors ...	786	7 224	5 529	5 529	5 353	5 707	5 527	267 780	215 363	5
23821	Electrical Contractors	324	3 412	2 678	2 665	2 423	2 895	2 728	138 791	117 009	9
238210	Electrical Contractors	324	3 412	2 678	2 665	2 423	2 895	2 728	138 791	117 009	9
23822	Plumbing, heating, and air-conditioning contractors	416	3 015	2 234	2 249	2 289	2 246	2 150	93 919	71 401	7
238220	Plumbing, heating, and air-conditioning contractors	416	3 015	2 234	2 249	2 289	2 246	2 150	93 919	71 401	7
23829	Other building equipment contractors	46	797	618	616	641	566	650	35 071	26 953	7
238290	Other building equipment contractors	46	797	618	616	641	566	650	35 071	26 953	7
2383	Building finishing contractors	338	1 632	1 255	1 173	1 265	1 346	1 235	40 421	30 417	11
23831	Drywall and insulation contractors	21	D	D	D	D	D	D	12 544	10 718	S
238310	Drywall and insulation contractors	21	D	D	D	D	D	D	12 544	10 718	S
23832	Painting and wall covering contractors	60	414	305	272	295	338	315	13 312	8 998	13
238320	Painting and wall covering contractors	60	414	305	272	295	338	315	13 312	8 998	13
23833	Flooring contractors	92	^{\$244}	^{\$191}	^{\$182}	167	^{\$228}	^{\$187}	3 980	2 573	^{\$41}
238330	Flooring contractors	92	^{\$244}	^{\$191}	^{\$182}	167	^{\$228}	^{\$187}	3 980	2 573	^{\$41}
23834	Tile and terrazzo contractors ...	1	D	D	D	D	D	D	D	D	S
238340	Tile and terrazzo contractors ...	1	D	D	D	D	D	D	D	D	S
23835	Finish carpentry contractors ...	161	577	425	407	490	433	371	9 916	7 571	23
238350	Finish carpentry contractors ...	161	577	425	407	490	433	371	9 916	7 571	23
23839	Other building finishing contractors	2	D	D	D	D	D	D	D	D	S
238390	Other building finishing contractors	2	D	D	D	D	D	D	D	D	S
2389	Other specialty trade contractors .	505	3 279	2 432	2 360	2 275	2 610	2 484	88 833	67 452	7
23891	Site preparation contractors	328	2 099	1 499	1 497	1 445	1 545	1 509	52 249	39 713	11
238910	Site preparation contractors ..	328	2 099	1 499	1 497	1 445	1 545	1 509	52 249	39 713	11
23899	All other specialty trade contractors	177	1 180	933	864	831	1 065	974	36 584	27 739	7
238990	All other specialty trade contractors	177	1 180	933	864	831	1 065	974	36 584	27 739	7

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
WEST VIRGINIA											
23	Construction	1	3 393 385	3 342 166	2 744 891	1 847 723	948 388	597 275	66 878	96 283	843 930
236	Construction of buildings	1	1 065 623	1 052 773	730 460	424 979	318 332	322 313	10 831	16 152	143 650
2361	Residential building construction ..	2	571 617	563 776	417 325	236 486	188 680	146 451	2 997	8 529	77 846
23611	Residential building construction	2	571 617	563 776	417 325	236 486	188 680	146 451	2 997	8 529	77 846
236115	New single-family housing construction (except operative builders)	2	239 748	239 153	172 611	93 443	79 762	66 543	1 229	2 725	22 599
236116	New multifamily housing construction (except operative builders)	2	10 394	10 366	6 412	3 420	3 020	3 954	82	556	1 573
236117	New housing operative builders	1	164 332	157 780	120 303	69 852	57 002	37 477	540	2 203	30 022
236118	Residential remodelers	4	157 143	156 476	117 999	69 770	48 896	38 477	1 146	3 045	23 653
2362	Nonresidential building construction	-	494 007	488 998	313 136	188 493	129 652	175 862	7 834	7 623	65 804
23621	Industrial building construction ..	1	71 858	69 377	49 053	31 883	19 651	20 324	1 634	*2 197	18 900
236210	Industrial building construction	1	71 858	69 377	49 053	31 883	19 651	20 324	1 634	*2 197	18 900
23622	Commercial and institutional building construction	-	422 149	419 620	264 083	156 610	110 001	155 537	6 200	5 427	46 904
236220	Commercial and institutional building construction	-	422 149	419 620	264 083	156 610	110 001	155 537	6 200	5 427	46 904
237	Heavy and civil engineering construction	-	953 017	931 611	744 871	526 077	240 201	186 740	29 770	47 691	427 348
2371	Utility system construction	1	405 776	401 819	331 253	235 023	100 188	70 565	14 681	15 078	133 173
23711	Water and sewer line and related structures construction	1	141 430	141 166	130 213	70 976	59 501	10 953	4 386	8 119	51 368
237110	Water and sewer line and related structures construction	1	141 430	141 166	130 213	70 976	59 501	10 953	4 386	8 119	51 368
23712	Oil and gas pipeline and related structures construction	-	117 080	115 124	97 387	81 007	18 336	17 737	3 681	4 837	59 514
237120	Oil and gas pipeline and related structures construction	-	117 080	115 124	97 387	81 007	18 336	17 737	3 681	4 837	59 514
23713	Power and communication line and related structures construction	-	147 266	145 529	103 654	83 040	22 351	41 876	6 614	2 122	22 291
237130	Power and communication line and related structures construction	-	147 266	145 529	103 654	83 040	22 351	41 876	6 614	2 122	22 291
2372	Land subdivision	1	35 424	D	26 803	25 166	D	D	339	257	1 512
23721	Land subdivision	1	35 424	D	26 803	25 166	D	D	339	257	1 512
237210	Land subdivision	1	35 424	D	26 803	25 166	D	D	339	257	1 512
2373	Highway, street, and bridge construction	-	382 323	367 026	271 253	177 926	108 625	95 773	10 231	24 599	246 810
23731	Highway, street, and bridge construction	-	382 323	367 026	271 253	177 926	108 625	95 773	10 231	24 599	246 810
237310	Highway, street, and bridge construction	-	382 323	367 026	271 253	177 926	108 625	95 773	10 231	24 599	246 810
2379	Other heavy and civil engineering construction	1	129 494	D	115 562	87 963	D	D	4 519	7 756	45 852
23799	Other heavy and civil engineering construction	1	129 494	D	115 562	87 963	D	D	4 519	7 756	45 852
237990	Other heavy and civil engineering construction ..	1	129 494	D	115 562	87 963	D	D	4 519	7 756	45 852
238	Specialty trade contractors	1	1 374 744	1 357 782	1 269 560	896 667	389 855	88 222	26 277	32 440	272 932
2381	Foundation, structure, and building exterior contractors	2	223 469	219 422	206 061	140 848	69 261	13 361	3 658	3 824	36 064
23811	Poured concrete foundation and structure contractors	2	20 956	20 326	19 472	10 105	9 997	*854	263	415	D
238110	Poured concrete foundation and structure contractors ...	2	20 956	20 326	19 472	10 105	9 997	*854	263	415	D
23812	Structural steel and precast concrete contractors	6	14 443	D	13 260	9 396	D	D	226	281	1 933
238120	Structural steel and precast concrete contractors	6	14 443	D	13 260	9 396	D	D	226	281	1 933
23813	Framing contractors	-	26 796	26 787	24 939	*21 038	*3 910	1 848	219	525	D
238130	Framing contractors	-	26 796	26 787	24 939	*21 038	*3 910	1 848	219	525	D
23814	Masonry contractors	3	40 443	40 443	39 514	32 218	7 296	929	716	500	D
238140	Masonry contractors	3	40 443	40 443	39 514	32 218	7 296	929	716	500	D
23815	Glass and glazing contractors ..	4	9 940	D	9 199	6 227	D	D	*222	129	2 039
238150	Glass and glazing contractors	4	9 940	D	9 199	6 227	D	D	*222	129	2 039
23816	Roofing contractors	2	89 206	88 723	81 136	48 758	32 860	7 587	1 745	1 749	12 328
238160	Roofing contractors	2	89 206	88 723	81 136	48 758	32 860	7 587	1 745	1 749	12 328
23817	Siding contractors	1	20 310	17 957	17 269	12 198	7 425	688	234	*200	D
238170	Siding contractors	1	20 310	17 957	17 269	12 198	7 425	688	234	*200	D
23819	Other foundation, structure, and building exterior contractors...	-	1 375	D	1 272	908	D	D	32	25	D
238190	Other foundation, structure, and building exterior contractors	-	1 375	D	1 272	908	D	D	32	25	D

See footnotes at end of table.

Table 2. General Statistics for Establishments by State: 2002—Con.

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

NAICS code	Industry	E ¹	Value of business done ²	Value of construction work ²	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Cost of construction work subcontracted out to others	Total rental costs	Capital expenditures, except land	Gross book value of depreciable assets, end-of-year
WEST VIRGINIA—Con.											
23	Construction—Con.										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	1	725 091	720 324	680 859	485 515	200 111	39 465	11 382	10 716	77 964
23821	Electrical Contractors	1	325 195	323 811	311 640	231 625	81 399	12 171	5 463	4 906	35 515
238210	Electrical Contractors	1	325 195	323 811	311 640	231 625	81 399	12 171	5 463	4 906	35 515
23822	Plumbing, heating, and air-conditioning contractors	1	303 745	D	D	182 541	D	D	4 179	4 589	36 395
238220	Plumbing, heating, and air-conditioning contractors	1	303 745	D	D	182 541	D	D	4 179	4 589	36 395
23829	Other building equipment contractors	—	96 150	D	D	71 349	D	D	1 740	1 221	6 054
238290	Other building equipment contractors	—	96 150	D	D	71 349	D	D	1 740	1 221	6 054
2383	Building finishing contractors	2	113 840	112 915	106 007	74 090	32 843	6 907	2 027	1 413	14 650
23831	Drywall and insulation contractors	3	D	D	28 763	D	8 761	D	500	D	D
238310	Drywall and insulation contractors	3	D	D	28 763	D	8 761	D	500	D	D
23832	Painting and wall covering contractors	2	31 868	D	29 851	24 548	D	D	945	721	6 499
238320	Painting and wall covering contractors	2	31 868	D	29 851	24 548	D	D	945	721	6 499
23833	Flooring contractors	4	D	D	12 983	9 177	3 806	D	D	D	D
238330	Flooring contractors	4	D	D	12 983	9 177	3 806	D	D	D	D
23834	Tile and terrazzo contractors	—	D	D	D	D	D	—	D	D	D
238340	Tile and terrazzo contractors	—	D	D	D	D	D	—	D	D	D
23835	Finish carpentry contractors	2	D	35 294	D	D	14 349	D	421	D	D
238350	Finish carpentry contractors	2	D	35 294	D	D	14 349	D	421	D	D
23839	Other building finishing contractors	—	D	D	D	D	D	D	D	D	D
238390	Other building finishing contractors	—	D	D	D	D	D	D	D	D	D
2389	Other specialty trade contractors	1	312 344	305 121	276 632	196 214	87 640	28 489	9 211	16 486	144 254
23891	Site preparation contractors	—	194 391	191 718	168 938	120 735	50 875	22 781	7 440	12 201	93 529
238910	Site preparation contractors	—	194 391	191 718	168 938	120 735	50 875	22 781	7 440	12 201	93 529
23899	All other specialty trade contractors	2	117 953	113 403	107 694	75 479	36 765	5 709	1 771	4 286	50 725
238990	All other specialty trade contractors	2	117 953	113 403	107 694	75 479	36 765	5 709	1 771	4 286	50 725

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)
WEST VIRGINIA		
All establishments number	4 170	5
All employees number	29 255	2
Construction workers in March number	21 311	2
Construction workers in May number	22 017	2
Construction workers in August number	23 522	2
Construction workers in November number	22 448	2
Average number of construction workers number	22 324	2
Other employees in March number	7 237	4
Other employees in May number	6 706	5
Other employees in August number	6 910	5
Other employees in November number	6 870	4
Average number of other employees number	6 931	4
Total payroll \$1,000	914 587	2
Construction workers \$1,000	677 017	2
Other employees \$1,000	237 570	2
First-quarter payroll, all employees \$1,000	211 003	2
Fringe benefits, all employees \$1,000	267 802	2
Legally required expenditures \$1,000	155 078	2
Voluntary expenditures \$1,000	112 724	2
Value of business done ¹ \$1,000	3 393 385	2
Value of construction work ¹ \$1,000	3 342 166	2
Value of construction work on government owned projects \$1,000	1 021 915	2
Value of construction work on federally owned projects \$1,000	195 885	4
Value of construction work on state and locally owned projects \$1,000	826 030	2
Value of construction work on privately owned projects \$1,000	2 320 251	2
Other business receipts \$1,000	51 220	9
Value of construction work subcontracted in from others \$1,000	930 435	3
Net value of construction work \$1,000	2 744 891	2
Value added \$1,000	1 847 723	2
Selected costs \$1,000	1 545 662	2
Materials, parts, and supplies \$1,000	889 180	2
Construction work subcontracted out to others \$1,000	597 275	2
Selected power, fuels, and lubricants \$1,000	59 208	5
Purchased electricity \$1,000	6 123	4
Natural gas and manufactured gas \$1,000	2 498	5
Gasoline and diesel fuel \$1,000	43 625	3
On-highway use of gasoline and diesel fuel \$1,000	26 590	3
Off-highway use of gasoline and diesel fuel \$1,000	17 035	4
All other fuels and lubricants \$1,000	6 961	31
Total rental costs \$1,000	66 878	3
Machinery and equipment \$1,000	51 346	3
Buildings \$1,000	15 532	5
Selected purchased services \$1,000	101 276	4
Communication services \$1,000	27 580	3
Repairs to buildings and other structures \$1,000	16 565	4
Repairs to machinery and equipment \$1,000	29 137	3
Legal services \$1,000	5 581	6
Accounting, auditing, and bookkeeping services \$1,000	13 667	24
Advertising and promotional services \$1,000	8 747	11
Beginning-of-year gross book value of depreciable assets \$1,000	771 417	3
Capital expenditures, other than land \$1,000	96 283	3
Retirements and disposition of depreciable assets \$1,000	23 769	4
End-of-year gross book value of depreciable assets \$1,000	843 930	2
Depreciation charges during year \$1,000	85 577	3
Establishments with inventories number	586	—
Value of construction work for establishments with inventories \$1,000	904 404	—
End-of-2002, inventories of materials and supplies \$1,000	40 780	7
End-of-2001, inventories of materials and supplies \$1,000	38 301	7
Establishments with no inventories number	3 278	—
Value of construction work for establishments with no inventories \$1,000	2 236 328	—
Establishments not reporting inventories number	305	—
Value of construction work for establishments not reporting inventores \$1,000	201 434	—

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
WEST VIRGINIA											
All establishments	1	4 170	29 255	914 587	3 393 385	3 342 166	2 744 891	1 847 723	948 388	597 275	2
Establishments with—											
1 to 4 employees	3	2 662	5 597	98 379	487 466	484 458	413 996	250 987	166 017	70 461	7
5 to 9 employees	2	845	5 007	112 168	428 594	426 085	365 101	233 483	134 127	60 984	8
10 to 19 employees	1	390	4 927	140 494	527 752	517 317	432 249	288 781	153 904	85 068	6
20 to 49 employees	—	191	5 744	208 478	795 660	785 738	653 487	429 612	233 798	132 250	2
50 to 99 employees	1	56	3 641	144 556	507 664	498 638	382 362	251 888	139 500	116 276	—
100 to 249 employees	—	21	2 903	133 845	423 724	409 097	334 567	253 951	95 243	74 530	—
250 to 499 employees	—	5	1 437	76 667	222 525	220 833	163 128	139 021	25 799	57 705	—
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 employees or more	—	—	—	—	—	—	—	—	—	—	—

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
WEST VIRGINIA											
All establishments	1	4 170	29 255	914 587	3 393 385	3 342 166	2 744 891	1 847 723	948 388	597 275	2
Establishments with value of business done—											
Less than \$25,000	8	S	S	\$458	\$1 532	\$1 532	\$1 422	\$1 204	\$218	\$110	\$46
\$25,000 to \$49,999	1	S	S	1 862	7 242	7 242	5 972	3 705	2 266	1 270	30
\$50,000 to \$99,999	4	718	1 223	15 368	54 110	54 091	45 901	28 651	17 269	8 190	16
\$100,000 to \$249,999	3	1 312	3 519	54 345	212 548	211 572	186 803	119 109	68 668	24 770	10
\$250,000 to \$499,999	3	818	3 764	76 443	278 423	275 610	243 621	151 144	95 290	31 989	10
\$500,000 to \$999,999	2	446	3 357	82 583	307 076	304 580	271 490	178 904	95 083	33 090	9
\$1,000,000 to \$2,499,999	2	343	4 539	144 874	513 889	508 048	441 382	296 270	150 953	66 666	7
\$2,500,000 to \$4,999,999	—	117	3 184	110 889	418 442	408 826	339 706	224 283	125 039	69 120	3
\$5,000,000 to \$9,999,999	1	89	4 106	170 766	610 562	598 846	491 547	313 907	189 355	107 299	3
\$10,000,000 or more	—	45	5 267	257 000	989 562	971 819	717 048	530 544	204 247	254 771	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)
WEST VIRGINIA		
Total	3 342 166	2
Construction work done in Kentucky	68 277	2
Construction work done in Maryland	32 902	10
Construction work done in Ohio	291 153	1
Construction work done in Pennsylvania	38 992	2
Construction work done in Virginia	120 044	16
Construction work done in West Virginia	2 718 767	2

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

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Value of Construction Work for Establishments by Type of Construction: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Type of construction	Value of construction work ¹				Relative standard error of estimate (percent) for column—			
	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair	A	B	C	D
	A	B	C	D	A	B	C	D
WEST VIRGINIA								
Total	3 342 166	2 037 870	797 289	507 007	2	2	2	3
Building construction, total	1 866 662	1 083 902	472 281	310 479	2	3	3	4
Single-family houses, detached and attached	765 011	497 369	163 494	104 149	5	6	8	9
Single-family houses, detached	670 379	427 396	149 262	93 721	5	7	9	9
Single-family houses, attached	94 632	69 972	14 232	10 428	10	13	18	19
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives	40 629	25 918	7 547	7 164	12	14	23	25
Manufacturing and industrial warehouses	65 861	30 217	20 757	14 887	2	3	1	3
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories	165 715	54 744	38 680	72 290	4	7	4	5
Hotels, motels, and tourist cabins	28 553	19 403	4 180	4 970	3	—	3	17
Office buildings	188 516	92 802	69 535	26 179	7	9	8	9
Stores, restaurants, and automobile service stations, and other commercial buildings	174 822	86 358	50 749	37 715	7	9	7	15
Commercial warehouses such as distribution buildings and mini-storage	27 828	15 541	6 173	6 114	7	8	13	12
Religious buildings	41 759	21 499	13 815	6 445	11	17	8	5
Educational buildings	185 224	123 772	49 589	11 863	3	3	7	4
Health care and institutional buildings	72 160	37 756	26 664	7 739	3	3	2	12
Public safety buildings such as prisons, police, and fire stations	54 558	41 678	9 838	3 041	7	9	1	5
Other building construction	56 026	36 844	11 260	7 922	6	8	5	12
Nonbuilding construction, total	1 310 046	788 510	325 009	196 528	2	2	2	4
Highways, streets, and related work, such as installation of guardrails and signs	316 020	248 474	38 518	29 028	3	3	2	16
Private driveways and parking areas	64 749	29 920	13 859	20 970	9	11	14	14
Bridges and elevated highways	108 006	63 346	38 770	5 890	6	9	4	19
Sewers, water mains, and related facilities	152 048	107 413	28 112	16 523	6	6	8	20
Sewers, sewer lines, septic systems, and related facilities	76 871	58 683	10 727	7 461	9	10	18	34
Water mains, storage, and related facilities	75 177	48 730	17 385	9 062	7	5	6	25
Oil and gas pipelines (except gathering), pumping stations, storage tanks, and mains	90 591	41 476	24 476	24 639	3	4	3	2
Power and communication transmission lines, cables, towers, and related facilities	59 152	39 120	9 947	10 086	17	25	11	10
Chemical (except petrochemical) complexes/plants, blast furnaces, and mining appurtenances	38 634	16 242	10 734	11 657	5	9	3	3
Sewage and water treatment plants	45 797	31 975	12 082	1 740	2	1	5	14
Sewage treatment plants	29 496	19 115	9 351	1 031	2	2	5	17
Water treatment plants	16 301	12 860	2 731	710	3	1	10	25
Petrochemical plants and petroleum refineries	41 697	15 681	11 416	14 600	15	7	27	22
Conservation and development construction, such as drainage canals and flood control projects	27 873	21 811	2 732	[§] 3 329	13	9	28	[§] 52
Coal mines	41 378	20 794	10 846	9 738	6	5	6	18
Other nonbuilding construction	324 103	152 259	123 516	48 328	2	3	1	4
Construction work, nsk	165 458	165 458	—	—	—	—	—	—

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)
WEST VIRGINIA		
Total	3 393 385	2
Building construction, total	816 424	3
Building construction on land owned by you	107 972	14
Building construction on land owned by others	540 775	4
Remodeling contractor	167 677	7
Heavy construction and civil engineering construction, total	1 009 631	2
Subdividing and servicing of raw land into lots, for sale by you	38 610	28
Highway and street general contractor	190 737	4
Paving contractor -- asphalt or concrete for highways, streets, bridges, or airport runways	98 334	5
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	519 571	3
Cable and conduit laying contractor	30 585	6
Excavation work, earthmoving or land clearing contractor, not connected with buildings	131 794	5
Special trade contractors, total	955 458	4
Heating, ventilation and air-conditioning contractor (HVAC)	166 570	7
Plumbing contractor	72 999	15
Painting contractor	25 278	15
Electric power installation and service contractor, including lighting	217 183	7
Electronic control systems installation and service, (except environmental control)	30 400	6
Telecommunications installation and service contractor (except transmission lines)	^s 37 567	^{s55}
Masonry contractor, brick, block, or stone (except brick paving)	37 102	14
Finish carpentry contractor	35 488	16
Framing contractor, except steel	28 537	32
Roofing contractor, except sheet metal	50 537	6
Roofing contractor, sheet metal	28 853	9
Asphalt, concrete, and brick paving contractor, residential or commercial driveways and parking areas	32 073	10
Excavation work: earthmoving or land clearing contractor, connected with buildings	80 897	13
Millwright and machine rigging contractor	41 831	5
Insulation contractor, boiler, pipe, or duct work	29 807	—
Scaffolding contractor	40 334	—
All other construction activities	395 521	5
Other business activities secondary to construction activities, total	50 893	9
All other business activities secondary to construction activities	50 893	9
Kind of business activity, nsk	165 458	15

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.