

# Oregon: 2002

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## 2002 Economic Census

*Construction*

Geographic Area Series



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U.S. Department of Commerce  
Economics and Statistics Administration  
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-- 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>OREGON</b>											
<b>23</b>	<b>Construction .....</b>	<b>11 854</b>	<b>87 977</b>	<b>65 006</b>	<b>62 318</b>	<b>66 120</b>	<b>68 013</b>	<b>63 572</b>	<b>3 103 299</b>	<b>2 188 654</b>	<b>2</b>
236	Construction of buildings .....	4 128	23 743	16 198	16 543	17 850	15 715	14 686	838 210	526 934	3
2361	Residential building construction ..	3 484	12 470	7 875	7 341	8 263	8 211	7 686	343 602	178 699	4
23611	Residential building construction ..	3 484	12 470	7 875	7 341	8 263	8 211	7 686	343 602	178 699	4
236115	New single-family housing construction (except operative builders) .....	1 112	3 411	2 186	2 049	2 306	2 261	2 127	88 722	47 012	8
236116	New multifamily housing construction (except operative builders) .....	71	1 087	757	811	792	746	680	46 452	22 781	8
236117	New housing operative builders .....	633	2 837	1 576	1 466	1 724	1 571	1 543	95 527	39 892	8
236118	Residential remodelers .....	1 668	5 134	3 356	3 016	3 441	3 633	3 336	112 902	69 014	7
2362	Nonresidential building construction .....	644	11 274	8 323	9 202	9 587	7 504	7 000	494 608	348 236	3
23621	Industrial building construction .	§30	318	228	212	230	246	226	14 098	9 949	26
236210	Industrial building construction .....	§30	318	228	212	230	246	226	14 098	9 949	26
23622	Commercial and institutional building construction .....	614	10 956	8 095	8 990	9 357	7 258	6 774	480 510	338 286	3
236220	Commercial and institutional building construction .....	614	10 956	8 095	8 990	9 357	7 258	6 774	480 510	338 286	3
237	Heavy and civil engineering construction .....	765	10 501	7 742	6 759	7 674	8 737	7 799	376 397	270 276	4
2371	Utility system construction .....	242	5 263	4 169	3 682	4 115	4 474	4 406	183 934	136 616	4
23711	Water and sewer line and related structures construction .....	180	3 042	2 424	2 155	2 355	2 626	2 561	90 263	65 061	6
237110	Water and sewer line and related structures construction .....	180	3 042	2 424	2 155	2 355	2 626	2 561	90 263	65 061	6
23712	Oil and gas pipeline and related structures construction .....	10	376	318	279	357	334	302	15 812	14 071	17
237120	Oil and gas pipeline and related structures construction .....	10	376	318	279	357	334	302	15 812	14 071	17
23713	Power and communication line and related structures construction .....	53	1 846	1 427	1 248	1 404	1 515	1 543	77 859	57 485	7
237130	Power and communication line and related structures construction .....	53	1 846	1 427	1 248	1 404	1 515	1 543	77 859	57 485	7
2372	Land subdivision .....	156	606	209	253	§213	§204	§166	16 164	5 541	24
23721	Land subdivision .....	156	606	209	253	§213	§204	§166	16 164	5 541	24
237210	Land subdivision .....	156	606	209	253	§213	§204	§166	16 164	5 541	24
2373	Highway, street, and bridge construction .....	240	3 666	2 673	2 163	2 684	3 239	2 608	140 967	101 825	6
23731	Highway, street, and bridge construction .....	240	3 666	2 673	2 163	2 684	3 239	2 608	140 967	101 825	6
237310	Highway, street, and bridge construction .....	240	3 666	2 673	2 163	2 684	3 239	2 608	140 967	101 825	6
2379	Other heavy and civil engineering construction .....	127	966	691	662	661	820	620	35 332	26 294	17
23799	Other heavy and civil engineering construction .....	127	966	691	662	661	820	620	35 332	26 294	17
237990	Other heavy and civil engineering construction .....	127	966	691	662	661	820	620	35 332	26 294	17
238	Specialty trade contractors .....	6 961	53 733	41 065	39 016	40 596	43 561	41 087	1 888 692	1 391 444	3
2381	Foundation, structure, and building exterior contractors .....	1 744	12 643	10 157	9 640	10 017	10 874	10 098	385 730	295 100	6
23811	Poured concrete foundation and structure contractors .....	459	3 239	2 773	2 764	2 744	2 936	2 648	105 864	90 238	9
238110	Poured concrete foundation and structure contractors .....	459	3 239	2 773	2 764	2 744	2 936	2 648	105 864	90 238	9
23812	Structural steel and precast concrete contractors .....	60	731	644	663	621	637	654	28 780	24 073	9
238120	Structural steel and precast concrete contractors .....	60	731	644	663	621	637	654	28 780	24 073	9
23813	Framing contractors .....	330	1 653	1 337	1 293	1 478	1 405	1 173	39 434	28 194	14
238130	Framing contractors .....	330	1 653	1 337	1 293	1 478	1 405	1 173	39 434	28 194	14
23814	Masonry contractors .....	278	1 864	1 499	1 562	1 343	1 519	1 571	66 339	53 740	20
238140	Masonry contractors .....	278	1 864	1 499	1 562	1 343	1 519	1 571	66 339	53 740	20
23815	Glass and glazing contractors ..	76	446	284	253	280	305	298	15 413	9 980	16
238150	Glass and glazing contractors .....	76	446	284	253	280	305	298	15 413	9 980	16
23816	Roofing contractors .....	355	3 087	2 406	2 035	2 385	2 759	2 445	75 894	52 695	12
238160	Roofing contractors .....	355	3 087	2 406	2 035	2 385	2 759	2 445	75 894	52 695	12
23817	Siding contractors .....	168	1 031	779	626	669	902	920	28 502	19 229	24
238170	Siding contractors .....	168	1 031	779	626	669	902	920	28 502	19 229	24

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>OREGON—Con.</b>											
<b>23</b>	<b>Construction—Con.</b>										
<b>238</b>	<b>Specialty trade contractors—Con.</b>										
<b>2381</b>	<b>Foundation, structure, and building exterior contractors—Con.</b>										
23819	Other foundation, structure, and building exterior contractors...	18	593	435	443	496	411	389	25 505	16 950	8
238190	Other foundation, structure, and building exterior contractors .....	18	593	435	443	496	411	389	25 505	16 950	8
2382	Building equipment contractors ...	1 907	22 844	16 844	16 593	16 598	17 406	16 779	976 767	713 464	2
23821	Electrical Contractors .....	768	9 786	7 458	7 380	7 263	7 716	7 472	436 602	331 840	4
238210	Electrical Contractors .....	768	9 786	7 458	7 380	7 263	7 716	7 472	436 602	331 840	4
23822	Plumbing, heating, and air-conditioning contractors .....	1 031	11 598	8 340	8 300	8 181	8 664	8 213	475 266	332 135	3
238220	Plumbing, heating, and air-conditioning contractors .....	1 031	11 598	8 340	8 300	8 181	8 664	8 213	475 266	332 135	3
23829	Other building equipment contractors .....	108	1 459	1 047	913	1 154	1 025	1 094	64 899	49 489	6
238290	Other building equipment contractors .....	108	1 459	1 047	913	1 154	1 025	1 094	64 899	49 489	6
2383	Building finishing contractors .....	2 299	11 641	8 945	8 390	8 973	9 549	8 865	330 728	243 494	5
23831	Drywall and insulation contractors .....	471	3 684	3 016	2 943	3 000	3 162	2 961	122 661	93 220	6
238310	Drywall and insulation contractors .....	471	3 684	3 016	2 943	3 000	3 162	2 961	122 661	93 220	6
23832	Painting and wall covering contractors .....	801	3 778	3 032	2 637	2 984	3 463	3 044	85 423	66 046	12
238320	Painting and wall covering contractors .....	801	3 778	3 032	2 637	2 984	3 463	3 044	85 423	66 046	12
23833	Flooring contractors .....	171	958	653	677	654	651	632	30 382	20 100	11
238330	Flooring contractors .....	171	958	653	677	654	651	632	30 382	20 100	11
23834	Tile and terrazzo contractors ...	189	629	467	479	516	435	436	16 674	12 262	20
238340	Tile and terrazzo contractors ...	189	629	467	479	516	435	436	16 674	12 262	20
23835	Finish carpentry contractors ...	647	2 184	1 478	1 366	1 526	1 514	1 504	61 370	42 368	14
238350	Finish carpentry contractors ...	647	2 184	1 478	1 366	1 526	1 514	1 504	61 370	42 368	14
23839	Other building finishing contractors .....	19	408	298	287	292	325	289	14 217	9 498	5
238390	Other building finishing contractors .....	19	408	298	287	292	325	289	14 217	9 498	5
2389	Other specialty trade contractors .	1 011	6 606	5 119	4 393	5 008	5 732	5 344	195 466	139 386	13
23891	Site preparation contractors .....	598	4 357	3 501	2 920	3 374	3 963	3 747	123 592	91 661	18
238910	Site preparation contractors ..	598	4 357	3 501	2 920	3 374	3 963	3 747	123 592	91 661	18
23899	All other specialty trade contractors .....	413	2 249	1 618	1 472	1 634	1 769	1 597	71 874	47 726	11
238990	All other specialty trade contractors .....	413	2 249	1 618	1 472	1 634	1 769	1 597	71 874	47 726	11

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>OREGON</b>											
<b>23</b>	<b>Construction</b> .....	<b>1</b>	<b>13 772 785</b>	<b>13 641 611</b>	<b>9 901 768</b>	<b>6 247 422</b>	<b>3 785 520</b>	<b>3 739 842</b>	<b>232 805</b>	<b>200 024</b>	<b>1 730 699</b>
236	Construction of buildings .....	1	6 067 496	6 038 724	3 136 502	1 722 209	1 443 066	2 902 221	44 370	37 615	273 429
2361	Residential building construction ..	2	2 996 558	2 981 961	1 865 884	1 026 069	854 412	1 116 078	17 362	22 429	158 824
23611	Residential building construction .....	2	2 996 558	2 981 961	1 865 884	1 026 069	854 412	1 116 078	17 362	22 429	158 824
236115	New single-family housing construction (except operative builders) .....	3	707 319	706 038	458 498	222 094	237 685	247 540	4 504	6 461	45 922
236116	New multifamily housing construction (except operative builders) .....	-	411 013	408 784	175 170	92 698	84 701	233 614	2 633	1 693	19 412
236117	New housing operative builders .....	1	1 262 022	1 252 274	821 563	468 347	362 964	430 711	4 070	5 261	48 799
236118	Residential remodelers .....	4	616 204	614 865	410 652	242 930	169 061	204 213	6 155	9 014	44 690
2362	Nonresidential building construction .....	-	3 070 938	3 056 762	1 270 618	696 140	588 654	1 786 144	27 008	15 186	114 605
23621	Industrial building construction ..	-	58 611	57 838	34 558	24 520	10 810	23 280	1 583	739	9 251
236210	Industrial building construction .....	-	58 611	57 838	34 558	24 520	10 810	23 280	1 583	739	9 251
23622	Commercial and institutional building construction .....	-	3 012 327	2 998 924	1 236 061	671 620	577 844	1 762 863	25 425	14 447	105 355
236220	Commercial and institutional building construction .....	-	3 012 327	2 998 924	1 236 061	671 620	577 844	1 762 863	25 425	14 447	105 355
237	Heavy and civil engineering construction .....	-	1 851 333	1 813 572	1 463 557	1 019 923	481 396	350 014	64 082	55 225	572 472
2371	Utility system construction .....	-	784 086	777 943	632 611	468 628	170 126	145 332	23 648	22 917	259 963
23711	Water and sewer line and related structures construction .....	-	542 648	D	423 307	289 949	D	D	12 699	12 810	147 530
237110	Water and sewer line and related structures construction .....	-	542 648	D	423 307	289 949	D	D	12 699	12 810	147 530
23712	Oil and gas pipeline and related structures construction .....	-	44 509	D	40 353	34 825	D	D	1 406	1 344	14 202
237120	Oil and gas pipeline and related structures construction .....	-	44 509	D	40 353	34 825	D	D	1 406	1 344	14 202
23713	Power and communication line and related structures construction .....	-	196 929	D	168 951	143 853	D	D	9 544	8 763	98 231
237130	Power and communication line and related structures construction .....	-	196 929	D	168 951	143 853	D	D	9 544	8 763	98 231
2372	Land subdivision .....	3	201 538	185 380	149 532	128 329	37 361	35 848	933	<sup>\$1</sup> 845	22 210
23721	Land subdivision .....	3	201 538	185 380	149 532	128 329	37 361	35 848	933	<sup>\$1</sup> 845	22 210
237210	Land subdivision .....	3	201 538	185 380	149 532	128 329	37 361	35 848	933	<sup>\$1</sup> 845	22 210
2373	Highway, street, and bridge construction .....	-	735 198	722 058	565 653	343 905	234 888	156 405	35 643	28 161	243 308
23731	Highway, street, and bridge construction .....	-	735 198	722 058	565 653	343 905	234 888	156 405	35 643	28 161	243 308
237310	Highway, street, and bridge construction .....	-	735 198	722 058	565 653	343 905	234 888	156 405	35 643	28 161	243 308
2379	Other heavy and civil engineering construction .....	-	130 512	128 190	115 761	79 061	39 021	12 429	3 858	2 302	46 991
23799	Other heavy and civil engineering construction .....	-	130 512	128 190	115 761	79 061	39 021	12 429	3 858	2 302	46 991
237990	Other heavy and civil engineering construction .....	-	130 512	128 190	115 761	79 061	39 021	12 429	3 858	2 302	46 991
238	Specialty trade contractors .....	1	5 853 956	5 789 315	5 301 709	3 505 291	1 861 058	487 607	124 353	107 184	884 798
2381	Foundation, structure, and building exterior contractors .....	1	1 285 446	1 277 877	1 155 936	732 124	431 381	121 941	27 392	24 446	160 197
23811	Poured concrete foundation and structure contractors .....	2	333 248	333 248	301 525	200 168	101 357	31 723	6 572	5 604	54 414
238110	Poured concrete foundation and structure contractors .....	2	333 248	333 248	301 525	200 168	101 357	31 723	6 572	5 604	54 414
23812	Structural steel and precast concrete contractors .....	-	88 637	88 631	85 900	60 125	25 781	2 731	4 733	<sup>\$1</sup> 452	7 859
238120	Structural steel and precast concrete contractors .....	-	88 637	88 631	85 900	60 125	25 781	2 731	4 733	<sup>\$1</sup> 452	7 859
23813	Framing contractors .....	-	141 823	D	103 767	73 470	D	D	1 761	<sup>\$2</sup> 016	14 635
238130	Framing contractors .....	-	141 823	D	103 767	73 470	D	D	1 761	<sup>\$2</sup> 016	14 635
23814	Masonry contractors .....	1	153 880	152 069	147 533	102 340	47 003	4 537	2 925	2 030	21 854
238140	Masonry contractors .....	1	153 880	152 069	147 533	102 340	47 003	4 537	2 925	2 030	21 854
23815	Glass and glazing contractors ..	-	54 702	D	D	29 080	D	D	1 571	878	8 655
238150	Glass and glazing contractors .....	-	54 702	D	D	29 080	D	D	1 571	878	8 655
23816	Roofing contractors .....	1	314 883	313 935	287 098	173 241	114 805	26 837	5 819	<sup>\$9</sup> 986	37 915
238160	Roofing contractors .....	1	314 883	313 935	287 098	173 241	114 805	26 837	5 819	<sup>\$9</sup> 986	37 915
23817	Siding contractors .....	1	107 355	103 647	86 447	51 624	38 531	<sup>\$17</sup> 200	2 229	2 038	10 636
238170	Siding contractors .....	1	107 355	103 647	86 447	51 624	38 531	<sup>\$17</sup> 200	2 229	2 038	10 636
23819	Other foundation, structure, and building exterior contractors .....	-	90 919	90 919	D	42 075	D	D	1 783	443	4 229
238190	Other foundation, structure, and building exterior contractors .....	-	90 919	90 919	D	42 075	D	D	1 783	443	4 229

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>OREGON—Con.</b>											
<b>23</b>	<b>Construction—Con.</b>										
238	Specialty trade contractors—Con.										
2382	Building equipment contractors . . .	1	2 754 380	2 724 955	2 531 026	1 682 401	878 050	193 930	50 755	34 802	277 452
23821	Electrical Contractors . . . . .	—	1 109 235	1 101 815	1 056 649	735 134	328 935	45 166	21 990	14 033	103 488
238210	Electrical Contractors . . . . .	—	1 109 235	1 101 815	1 056 649	735 134	328 935	45 166	21 990	14 033	103 488
23822	Plumbing, heating, and air-conditioning contractors . . . . .	1	1 459 251	1 440 390	1 307 867	820 169	506 559	132 523	22 697	17 683	156 741
238220	Plumbing, heating, and air-conditioning contractors . . . . .	1	1 459 251	1 440 390	1 307 867	820 169	506 559	132 523	22 697	17 683	156 741
23829	Other building equipment contractors . . . . .	—	185 894	182 750	166 510	127 097	42 556	16 241	6 068	3 086	17 223
238290	Other building equipment contractors . . . . .	—	185 894	182 750	166 510	127 097	42 556	16 241	6 068	3 086	17 223
2383	Building finishing contractors . . . . .	2	1 060 605	1 050 995	957 610	637 877	329 343	93 385	21 572	15 446	117 244
23831	Drywall and insulation contractors . . . . .	2	345 027	344 892	305 040	204 581	100 594	39 852	6 236	3 789	30 474
238310	Drywall and insulation contractors . . . . .	2	345 027	344 892	305 040	204 581	100 594	39 852	6 236	3 789	30 474
23832	Painting and wall covering contractors . . . . .	3	259 605	258 746	250 856	197 540	54 175	7 890	6 881	5 190	33 888
238320	Painting and wall covering contractors . . . . .	3	259 605	258 746	250 856	197 540	54 175	7 890	6 881	5 190	33 888
23833	Flooring contractors . . . . .	2	118 341	116 274	107 639	58 115	51 592	8 635	1 926	874	10 611
238330	Flooring contractors . . . . .	2	118 341	116 274	107 639	58 115	51 592	8 635	1 926	874	10 611
23834	Tile and terrazzo contractors . . . . .	2	51 256	D	47 113	30 926	D	D	710	645	7 465
238340	Tile and terrazzo contractors . . . . .	2	51 256	D	47 113	30 926	D	D	710	645	7 465
23835	Finish carpentry contractors . . . . .	4	242 974	237 834	205 499	117 929	92 710	32 335	4 321	3 839	29 826
238350	Finish carpentry contractors . . . . .	4	242 974	237 834	205 499	117 929	92 710	32 335	4 321	3 839	29 826
23839	Other building finishing contractors . . . . .	—	43 401	D	41 464	28 787	D	D	1 498	1 109	4 981
238390	Other building finishing contractors . . . . .	—	43 401	D	41 464	28 787	D	D	1 498	1 109	4 981
2389	Other specialty trade contractors . . . . .	1	753 524	735 488	657 137	452 889	222 284	78 351	24 634	32 490	329 904
23891	Site preparation contractors . . . . .	1	521 369	509 865	450 196	320 108	141 592	59 669	19 750	27 864	269 588
238910	Site preparation contractors . . . . .	1	521 369	509 865	450 196	320 108	141 592	59 669	19 750	27 864	269 588
23899	All other specialty trade contractors . . . . .	1	232 155	225 623	206 940	132 782	80 691	18 682	4 884	4 627	60 317
238990	All other specialty trade contractors . . . . .	1	232 155	225 623	206 940	132 782	80 691	18 682	4 884	4 627	60 317

<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>OREGON</b>		
All establishments . . . . . number . . . . .	11 854	3
All employees . . . . . number . . . . .	87 977	2
Construction workers in March . . . . . number . . . . .	62 318	2
Construction workers in May . . . . . number . . . . .	66 120	2
Construction workers in August . . . . . number . . . . .	68 013	2
Construction workers in November . . . . . number . . . . .	63 572	2
Average number of construction workers . . . . . number . . . . .	65 006	2
Other employees in March . . . . . number . . . . .	24 782	2
Other employees in May . . . . . number . . . . .	22 151	2
Other employees in August . . . . . number . . . . .	22 474	2
Other employees in November . . . . . number . . . . .	22 479	2
Average number of other employees . . . . . number . . . . .	22 972	2
Total payroll . . . . . \$1,000 . . . . .	3 103 299	1
Construction workers . . . . . \$1,000 . . . . .	2 188 654	1
Other employees . . . . . \$1,000 . . . . .	914 645	2
First-quarter payroll, all employees . . . . . \$1,000 . . . . .	703 293	1
Fringe benefits, all employees . . . . . \$1,000 . . . . .	793 077	1
Legally required expenditures . . . . . \$1,000 . . . . .	455 383	2
Voluntary expenditures . . . . . \$1,000 . . . . .	337 694	2
Value of business done <sup>1</sup> . . . . . \$1,000 . . . . .	13 772 785	1
Value of construction work <sup>1</sup> . . . . . \$1,000 . . . . .	13 641 611	1
Value of construction work on government owned projects . . . . . \$1,000 . . . . .	3 380 073	2
Value of construction work on federally owned projects . . . . . \$1,000 . . . . .	741 015	3
Value of construction work on state and locally owned projects . . . . . \$1,000 . . . . .	2 639 058	2
Value of construction work on privately owned projects . . . . . \$1,000 . . . . .	10 261 538	2
Other business receipts . . . . . \$1,000 . . . . .	131 174	12
Value of construction work subcontracted in from others . . . . . \$1,000 . . . . .	4 454 103	2
Net value of construction work . . . . . \$1,000 . . . . .	9 901 768	2
Value added . . . . . \$1,000 . . . . .	6 247 422	2
Selected costs . . . . . \$1,000 . . . . .	7 525 362	2
Materials, parts, and supplies . . . . . \$1,000 . . . . .	3 606 887	2
Construction work subcontracted out to others . . . . . \$1,000 . . . . .	3 739 842	2
Selected power, fuels, and lubricants . . . . . \$1,000 . . . . .	178 633	2
Purchased electricity . . . . . \$1,000 . . . . .	29 524	3
Natural gas and manufactured gas . . . . . \$1,000 . . . . .	11 469	4
Gasoline and diesel fuel . . . . . \$1,000 . . . . .	128 644	2
On-highway use of gasoline and diesel fuel . . . . . \$1,000 . . . . .	100 182	2
Off-highway use of gasoline and diesel fuel . . . . . \$1,000 . . . . .	28 462	4
All other fuels and lubricants . . . . . \$1,000 . . . . .	8 997	3
Total rental costs . . . . . \$1,000 . . . . .	232 805	2
Machinery and equipment . . . . . \$1,000 . . . . .	152 573	2
Buildings . . . . . \$1,000 . . . . .	80 232	2
Selected purchased services . . . . . \$1,000 . . . . .	380 476	4
Communication services . . . . . \$1,000 . . . . .	107 984	2
Repairs to buildings and other structures . . . . . \$1,000 . . . . .	51 469	3
Repairs to machinery and equipment . . . . . \$1,000 . . . . .	89 262	3
Legal services . . . . . \$1,000 . . . . .	24 751	9
Accounting, auditing, and bookkeeping services . . . . . \$1,000 . . . . .	50 807	24
Advertising and promotional services . . . . . \$1,000 . . . . .	56 204	11
Beginning-of-year gross book value of depreciable assets . . . . . \$1,000 . . . . .	1 598 194	2
Capital expenditures, other than land . . . . . \$1,000 . . . . .	200 024	4
Retirements and disposition of depreciable assets . . . . . \$1,000 . . . . .	67 518	6
End-of-year gross book value of depreciable assets . . . . . \$1,000 . . . . .	1 730 699	2
Depreciation charges during year . . . . . \$1,000 . . . . .	176 096	3
Establishments with inventories . . . . . number . . . . .	2 115	—
Value of construction work for establishments with inventories . . . . . \$1,000 . . . . .	4 083 977	—
End-of-2002, inventories of materials and supplies . . . . . \$1,000 . . . . .	189 324	9
End-of-2001, inventories of materials and supplies . . . . . \$1,000 . . . . .	174 679	9
Establishments with no inventories . . . . . number . . . . .	9 093	—
Value of construction work for establishments with no inventories . . . . . \$1,000 . . . . .	9 127 183	—
Establishments not reporting inventories . . . . . number . . . . .	646	—
Value of construction work for establishments not reporting inventores . . . . . \$1,000 . . . . .	430 450	—

<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>OREGON</b>											
All establishments .....	1	11 854	87 977	3 103 299	13 772 785	13 641 611	9 901 768	6 247 422	3 785 520	3 739 842	2
Establishments with—											
1 to 4 employees .....	3	8 010	16 011	341 583	2 260 259	2 246 322	1 682 129	978 401	717 665	564 193	5
5 to 9 employees .....	2	2 031	12 361	336 280	1 396 231	1 381 268	1 075 469	689 590	400 841	305 800	6
10 to 19 employees .....	1	1 046	13 714	444 801	1 684 755	1 662 622	1 356 226	906 470	471 889	306 397	6
20 to 49 employees .....	—	537	15 808	604 807	2 521 629	2 476 677	1 874 270	1 205 031	714 192	602 407	5
50 to 99 employees .....	—	157	10 665	488 056	2 075 382	2 052 965	1 481 597	928 352	575 662	571 368	1
100 to 249 employees .....	—	54	8 257	367 266	2 394 832	2 384 711	1 198 334	781 145	427 310	1 186 377	2
250 to 499 employees .....	—	13	4 427	188 580	732 307	731 609	570 447	383 395	187 750	161 162	—
500 to 999 employees .....	—	5	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>OREGON</b>											
All establishments .....	1	11 854	87 977	3 103 299	13 772 785	13 641 611	9 901 768	6 247 422	3 785 520	3 739 842	2
Establishments with value of business done—											
Less than \$25,000 .....	8	S	S	1 157	3 979	3 900	3 521	2 636	965	378	30
\$25,000 to \$49,999 .....	4	S	S	9 145	27 486	27 150	24 366	19 357	5 346	2 783	16
\$50,000 to \$99,999 .....	4	1 567	2 557	28 629	120 117	119 731	102 783	70 169	32 999	16 948	11
\$100,000 to \$249,999 .....	3	3 334	7 896	145 878	558 513	554 065	471 852	314 317	161 983	82 213	7
\$250,000 to \$499,999 .....	3	2 202	8 106	192 201	768 472	764 094	632 668	386 722	250 325	131 426	7
\$500,000 to \$999,999 .....	2	1 824	11 443	325 541	1 279 346	1 267 941	1 056 851	673 578	394 678	211 090	7
\$1,000,000 to \$2,499,999 .....	1	1 190	14 286	455 177	1 823 958	1 801 138	1 453 857	938 624	538 054	347 281	6
\$2,500,000 to \$4,999,999 .....	1	391	8 534	326 750	1 386 261	1 365 291	1 061 096	653 928	428 138	304 195	7
\$5,000,000 to \$9,999,999 .....	—	222	8 908	376 379	1 528 455	1 488 632	1 152 087	739 013	452 896	336 545	3
\$10,000,000 or more .....	—	197	25 296	1 242 441	6 276 197	6 249 669	3 942 687	2 449 078	1 520 137	2 306 982	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>OREGON</b>		
Total .....	13 641 611	1
Construction work done in California .....	290 592	3
Construction work done in Idaho .....	42 940	17
Construction work done in Oregon .....	12 120 261	2
Construction work done in Washington .....	772 624	2

<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>OREGON</b>								
Total .....	13 641 611	9 252 349	2 947 296	1 441 965	1	2	2	3
Building construction, total .....	10 656 897	7 191 956	2 409 192	1 055 748	1	2	2	4
Single-family houses, detached and attached .....	3 824 947	2 691 226	730 657	403 064	3	4	5	6
Single-family houses, detached .....	3 433 963	2 400 882	668 070	365 011	4	4	6	6
Single-family houses, attached .....	390 984	290 344	62 587	38 053	11	14	8	9
Apartment buildings (2 or more units), such as rentals, apartment type condominiums and cooperatives .....	807 045	672 769	52 648	81 628	6	4	8	5 <sup>41</sup>
Manufacturing and industrial warehouses .....	876 330	715 895	108 216	52 219	1	1	5	5
Other manufacturing and light industrial buildings, such as factories, assembly plants, and industrial research laboratories .....	660 933	359 076	202 032	99 825	2	3	2	6
Hotels, motels, and tourist cabins .....	190 990	152 904	24 267	13 818	13	15	22	6
Office buildings .....	1 147 352	670 950	340 365	136 036	3	4	6	6
Stores, restaurants, and automobile service stations, and other commercial buildings .....	910 005	527 956	268 240	113 809	3	2	6	7
Commercial warehouses such as distribution buildings and mini-storage .....	286 900	204 066	59 147	23 687	3	3	6	12
Religious buildings .....	146 800	62 482	65 384	18 934	9	7	13	19
Educational buildings .....	858 729	597 965	223 882	36 882	2	2	6	7
Health care and institutional buildings .....	367 677	194 427	140 931	32 320	4	4	6	6
Public safety buildings such as prisons, police, and fire stations .....	151 531	111 319	27 351	12 860	2	2	8	5
Amusement, social, and recreational buildings .....	237 638	119 080	111 451	7 107	1	2	—	8
Other building construction .....	190 021	111 840	54 621	23 560	8	10	5	8
Nonbuilding construction, total .....	2 363 732	1 439 412	538 104	386 216	2	2	4	4
Highways, streets, and related work, such as installation of guardrails and signs .....	637 102	397 330	142 657	97 116	4	3	11	9
Private driveways and parking areas .....	178 503	105 968	34 672	37 863	10	11	13	10
Sewers, water mains, and related facilities .....	566 665	360 422	94 417	111 825	5	6	8	6
Sewers, sewer lines, septic systems, and related facilities .....	351 572	216 989	52 094	82 488	7	8	13	7
Water mains, storage, and related facilities .....	215 093	143 433	42 323	29 337	7	8	7	9
Power and communication transmission lines, cables, towers, and related facilities .....	253 203	132 878	70 484	49 842	8	7	8	12
Sewage and water treatment plants .....	238 622	153 440	65 012	20 170	2	1	6	2
Sewage treatment plants .....	108 025	75 429	22 712	9 884	1	2	2	3
Water treatment plants .....	130 597	78 011	42 300	10 286	3	—	10	3
Other nonbuilding construction .....	489 637	289 374	130 863	69 401	5	7	3	9
Construction work, nsk .....	620 982	620 982	—	—	—	—	—	—

<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>OREGON</b>		
Total .....	13 772 785	1
Building construction, total .....	5 315 494	2
Building construction on land owned by you .....	1 047 156	7
Building construction on land owned by others .....	3 225 829	2
Remodeling contractor .....	723 897	6
Construction management, at risk (for building construction) .....	130 347	11
Construction management, agency or fee only (for building construction) .....	188 265	2
Heavy construction and civil engineering construction, total .....	1 635 075	4
Subdividing and servicing of raw land into lots, for sale by you .....	183 339	27
Highway and street general contractor .....	472 888	5
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines .....	673 024	3
Excavation work, earthmoving or land clearing contractor, not connected with buildings .....	305 824	7
Special trade contractors, total .....	3 791 296	3
Heating, ventilation and air-conditioning contractor (HVAC) .....	528 525	7
Mechanical contractor .....	380 154	1
Plumbing contractor .....	357 596	6
Painting contractor .....	238 203	21
Electric power installation and service contractor, including lighting .....	846 537	3
Drywall contractor .....	182 116	5
Finish carpentry contractor .....	218 807	11
Framing contractor, except steel .....	151 284	16
Roofing contractor, except sheet metal .....	285 022	9
Foundation contractor, concrete .....	130 937	10
Concrete Contractor (except paving or foundation) .....	219 198	7
Excavation work: earthmoving or land clearing contractor, connected with buildings .....	252 917	10
All other construction activities .....	2 279 942	3
Other business activities secondary to construction activities, total .....	129 995	11
All other business activities secondary to construction activities .....	129 995	11
Kind of business activity, nsk .....	620 982	11

<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.