

# Oregon: 2002

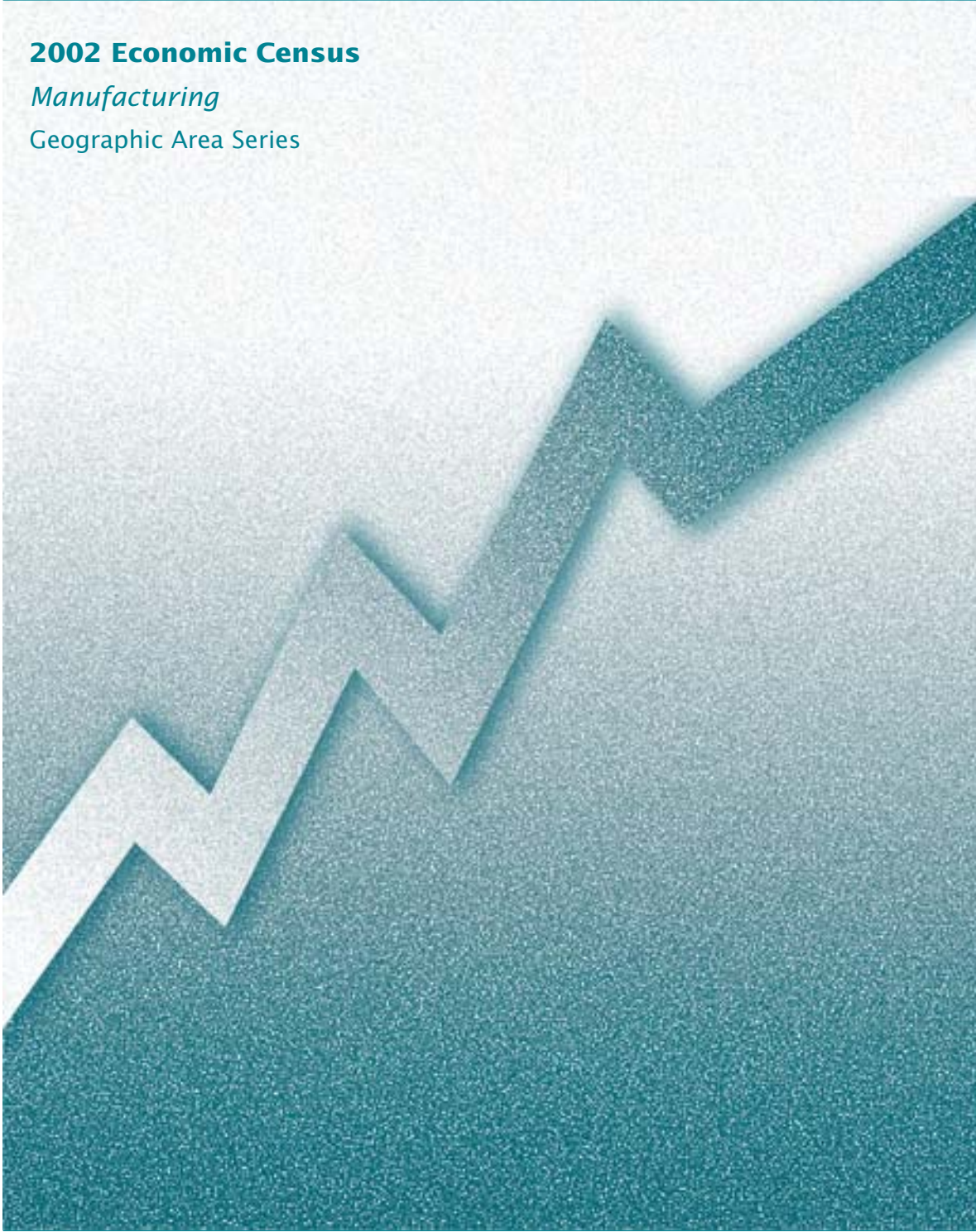
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## 2002 Economic Census

*Manufacturing*

Geographic Area Series



**USCENSUSBUREAU**

*Helping You Make Informed Decisions*

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



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**Table 1. Industry Statistics for the State: 2002**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>OREGON</b>													
31-33	Manufacturing .....	1	'5 597	1 515	'184 151	'7 173 223	'130 491	'254 545	'4 275 579	'26 440 699	'19 556 927	'45 864 552	'1 265 365
311	Food manufacturing .....	2	461	150	20 661	602 609	15 384	30 090	392 883	3 207 245	2 582 454	5 744 076	147 336
3111	Animal food manufacturing .....	-	17	5	321	11 543	171	368	5 471	48 823	64 282	112 923	1 924
31111	Animal food manufacturing ....	-	17	5	321	11 543	171	368	5 471	48 823	64 282	112 923	1 924
311119	Other animal food manufacturing .....	-	15	5	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling .....	3	13	6	367	15 330	304	666	11 675	138 100	132 564	268 648	4 942
31121	Flour milling and malt manufacturing .....	-	6	2	c	D	D	D	D	D	D	D	D
311211	Flour milling .....	-	5	2	107	4 937	78	186	3 305	10 204	44 366	53 871	D
31122	Starch and vegetable fats and oils manufacturing .....	-	4	2	c	D	D	D	D	D	D	D	683
31123	Breakfast cereal manufacturing .....	7	3	2	c	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing .....	7	3	2	c	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing .....	1	34	4	440	14 746	333	737	11 291	45 746	46 631	94 264	930
31131	Sugar manufacturing .....	-	1	1	c	D	D	D	D	D	D	D	D
311313	Beet sugar manufacturing ...	-	1	1	c	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate ...	4	21	3	126	2 649	73	139	1 701	7 919	3 244	11 111	328
311330	Confectionery manufacturing from purchased chocolate ..	4	21	3	126	2 649	73	139	1 701	7 919	3 244	11 111	328
3114	Fruit and vegetable preserving and specialty food manufacturing .....	3	77	44	8 963	233 212	7 665	14 979	175 712	1 463 853	882 686	2 303 925	65 687
31141	Frozen food manufacturing ....	3	34	23	6 413	166 863	5 647	11 152	129 046	1 110 013	637 934	1 708 964	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	3	24	20	6 101	157 613	5 414	10 640	122 972	1 062 966	608 259	1 632 275	36 017
311412	Frozen specialty food manufacturing .....	-	10	3	312	9 250	233	512	6 074	47 047	29 675	76 689	D
31142	Fruit and vegetable canning, pickling, and drying .....	3	43	21	2 550	66 349	2 018	3 827	46 666	353 840	244 752	594 961	D
311421	Fruit and vegetable canning .	3	30	14	1 748	42 852	1 404	2 513	30 305	258 671	177 696	431 921	11 398
311422	Specialty canning .....	2	3	2	251	8 116	195	398	4 593	40 386	3 843	44 228	D
311423	Dried and dehydrated food manufacturing .....	2	10	5	551	15 381	419	916	11 768	54 783	63 213	118 812	D
3115	Dairy product manufacturing .....	1	28	20	1 934	73 118	1 243	2 543	39 553	305 969	670 441	974 763	23 401
31151	Dairy product (except frozen) manufacturing .....	1	25	17	1 729	64 410	1 112	2 287	35 117	280 174	641 751	920 523	20 721
311511	Fluid milk manufacturing ....	2	13	12	1 010	38 852	579	1 175	20 370	168 742	324 775	494 079	10 035
311513	Cheese manufacturing .....	-	8	3	f	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing .....	-	3	1	c	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing .....	-	3	3	205	8 708	131	256	4 436	25 795	28 690	54 240	2 680
311520	Ice cream and frozen dessert manufacturing .....	-	3	3	205	8 708	131	256	4 436	25 795	28 690	54 240	2 680
3116	Animal slaughtering and processing .....	1	62	14	1 547	42 275	1 355	2 709	32 244	127 417	160 064	287 568	5 041
31161	Animal slaughtering and processing .....	1	62	14	1 547	42 275	1 355	2 709	32 244	127 417	160 064	287 568	5 041
311611	Animal (except poultry) slaughtering .....	3	30	3	374	9 763	337	713	7 976	11 253	56 689	67 811	1 174
311612	Meat processed from carcasses .....	1	25	9	1 056	29 298	938	1 842	22 263	106 683	92 239	199 177	3 661
3117	Seafood product preparation and packaging .....	3	18	9	860	20 804	775	1 451	17 061	54 236	105 779	159 931	3 992
31171	Seafood product preparation and packaging .....	3	18	9	860	20 804	775	1 451	17 061	54 236	105 779	159 931	3 992
311712	Fresh and frozen seafood processing .....	3	16	8	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	4	142	31	4 361	126 484	2 376	4 292	69 717	683 744	289 627	972 715	22 057
31181	Bread and bakery product manufacturing .....	6	125	23	3 378	88 579	1 638	2 867	40 549	443 225	124 907	568 886	17 041
311811	Retail bakeries .....	3	77	6	550	8 545	299	395	4 393	14 753	7 286	22 043	461
311812	Commercial bakeries .....	7	43	15	2 571	73 387	1 124	2 048	31 688	413 162	97 220	511 006	13 058
311813	Frozen cakes, pies, and other pastries manufacturing .....	-	5	2	257	6 647	215	424	4 468	15 310	20 401	35 837	3 522
31182	Cookie, cracker, and pasta manufacturing .....	-	13	6	828	34 526	621	1 215	27 107	234 308	151 290	384 078	D
311821	Cookie and cracker manufacturing .....	-	7	3	643	29 583	484	1 000	23 685	200 606	94 388	293 738	D
311822	Flour mixes and dough manufacturing from purchased flour .....	-	5	3	c	D	D	D	D	D	D	D	1 087
31183	Tortilla manufacturing .....	-	4	2	155	3 379	117	210	2 061	6 211	13 430	19 751	D
311830	Tortilla manufacturing .....	-	4	2	155	3 379	117	210	2 061	6 211	13 430	19 751	D

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NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>OREGON—Con.</b>													
311	Food manufacturing—Con.												
3119	Other food manufacturing .....	1	70	17	1 868	65 097	1 162	2 345	30 159	339 357	230 380	569 339	19 362
31191	Snack food manufacturing .....	—	12	6	e	D	D	D	D	D	D	D	4 502
311919	Other snack food manufacturing .....	—	7	3	310	10 377	240	472	5 623	30 730	23 728	54 315	D
31192	Coffee and tea manufacturing .....	—	7	2	553	23 188	134	263	4 196	74 447	48 339	122 338	D
311920	Coffee and tea manufacturing .....	—	7	2	553	23 188	134	263	4 196	74 447	48 339	122 338	D
31194	Seasoning and dressing manufacturing .....	1	11	3	e	D	D	D	D	D	D	D	D
311941	Mayonnaise, dressing, and other prepared sauce manufacturing .....	—	8	3	242	8 340	193	396	5 842	56 393	39 601	95 564	996
31199	All other food manufacturing .....	2	38	5	611	17 503	481	1 012	11 061	74 338	78 463	152 763	6 671
311991	Perishable prepared food manufacturing .....	—	14	3	469	12 923	371	794	7 595	56 967	61 139	118 094	D
311999	All other miscellaneous food manufacturing .....	9	24	2	142	4 580	110	218	3 466	17 371	17 324	34 669	D
312	Beverage and tobacco product manufacturing .....	3	114	19	1 900	69 925	759	1 417	23 376	248 270	309 843	552 675	32 925
3121	Beverage manufacturing .....	3	114	19	1 900	69 925	759	1 417	23 376	248 270	309 843	552 675	32 925
31211	Soft drink and ice manufacturing .....	3	25	7	765	30 095	220	430	6 861	102 350	217 158	318 229	11 513
312111	Soft drink manufacturing .....	2	9	6	662	26 914	170	342	5 630	92 419	210 172	301 313	10 768
31212	Breweries .....	4	16	5	380	16 220	215	421	7 824	75 790	43 133	118 806	D
312120	Breweries .....	4	16	5	380	16 220	215	421	7 824	75 790	43 133	118 806	D
31213	Wineries .....	3	71	6	f	D	D	D	D	D	D	D	15 785
312130	Wineries .....	3	71	6	f	D	D	D	D	D	D	D	15 785
313	Textile mills .....	4	20	2	184	5 107	149	293	3 708	13 453	17 601	30 751	306
3133	Textile and fabric finishing and fabric coating mills .....	8	10	1	104	2 856	84	174	2 108	6 707	7 535	13 975	167
31331	Textile and fabric finishing mills .....	8	10	1	104	2 856	84	174	2 108	6 707	7 535	13 975	167
313311	Broadwoven fabric finishing mills .....	8	9	1	c	D	D	D	D	D	D	D	D
314	Textile product mills .....	2	96	10	988	25 652	707	1 360	14 691	69 125	47 668	115 690	2 219
3141	Textile furnishings mills .....	1	29	3	399	10 204	294	605	5 855	31 504	27 083	58 148	637
31412	Curtain and linen mills .....	1	26	3	e	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills .....	3	23	2	c	D	D	D	D	D	D	D	194
314129	Other household textile product mills .....	—	3	1	c	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	3	67	7	589	15 448	413	755	8 836	37 621	20 585	57 542	1 582
31491	Textile bag and canvas mills .....	5	32	3	e	D	D	D	D	D	D	D	734
314912	Canvas and related product mills .....	4	29	2	214	6 513	129	229	3 121	13 508	7 083	20 554	702
31499	All other textile product mills .....	2	35	4	e	D	D	D	D	D	D	D	848
314999	All other miscellaneous textile product mills .....	2	34	4	319	7 886	232	422	5 018	23 171	11 554	33 953	D
315	Apparel manufacturing .....	2	77	15	1 283	22 775	1 000	1 556	15 723	35 872	22 492	60 754	D
3152	Cut and sew apparel manufacturing .....	1	63	14	1 137	19 458	879	1 333	13 458	31 154	17 741	51 252	D
31521	Cut and sew apparel contractors .....	3	42	5	445	7 791	403	640	6 644	10 921	1 197	12 935	D
315212	Women's, girls', and infants' cut and sew apparel contractors .....	3	35	4	358	6 370	325	499	5 461	8 792	1 063	10 672	42
31522	Men's and boys' cut and sew apparel manufacturing .....	—	8	4	201	5 416	141	275	2 860	10 324	9 938	20 970	D
315228	Men's and boys' cut and sew other outerwear manufacturing .....	—	4	2	109	2 918	62	123	1 082	7 551	7 357	15 463	D
31523	Women's and girls' cut and sew apparel manufacturing .....	3	10	2	321	3 551	204	244	2 703	5 417	4 283	10 581	D
315239	Women's and girls' cut and sew other outerwear manufacturing .....	2	5	2	314	3 376	199	238	2 624	5 115	4 029	10 025	D
31529	Other cut and sew apparel manufacturing .....	1	3	3	170	2 700	131	174	1 251	4 492	2 323	6 766	D
315299	All other cut and sew apparel manufacturing .....	1	3	3	170	2 700	131	174	1 251	4 492	2 323	6 766	D
3159	Apparel accessories and other apparel manufacturing .....	3	11	1	112	2 447	92	167	1 640	3 861	3 042	6 936	36
31599	Apparel accessories and other apparel manufacturing .....	3	11	1	112	2 447	92	167	1 640	3 861	3 042	6 936	36
316	Leather and allied product manufacturing .....	6	24	5	408	11 551	285	507	5 588	20 915	19 815	43 311	D
3162	Footwear manufacturing .....	8	5	2	c	D	D	D	D	D	D	D	D
31621	Footwear manufacturing .....	8	5	2	c	D	D	D	D	D	D	D	D
316214	Women's footwear (except athletic) manufacturing .....	9	1	1	c	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>OREGON—Con.</b>													
316	Leather and allied product manufacturing—Con.												
3169	Other leather and allied product manufacturing .....	1	15	3	154	3 528	103	185	1 939	8 689	5 435	14 293	D
31699	Other leather and allied product manufacturing .....	1	15	3	154	3 528	103	185	1 939	8 689	5 435	14 293	D
316999	All other leather goods manufacturing .....	—	6	3	130	2 906	85	155	1 636	6 864	4 769	11 802	93
321	Wood product manufacturing .....	—	'530	'271	'32 915	'1 093 553	'28 352	'57 516	'873 187	'2 362 569	'5 050 236	'7 397 741	'131 396
3211	Sawmills and wood preservation ..	—	134	82	8 753	344 370	7 618	16 405	277 028	805 068	1 982 670	2 796 693	58 478
32111	Sawmills and wood preservation .....	—	134	82	8 753	344 370	7 618	16 405	277 028	805 068	1 982 670	2 796 693	58 478
321113	Sawmills .....	—	116	71	8 201	325 833	7 191	15 540	264 365	741 271	1 826 243	2 583 479	54 009
321114	Wood preservation .....	—	18	11	552	18 537	427	865	12 663	63 797	156 427	213 214	4 469
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	'111	'86	'12 144	'425 650	'10 668	'22 040	'351 136	'872 798	'1 990 481	'2 859 102	'45 445
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	'111	'86	'12 144	'425 650	'10 668	'22 040	'351 136	'872 798	'1 990 481	'2 859 102	'45 445
321211	Hardwood veneer and plywood manufacturing .....	—	14	10	2 670	92 454	2 380	4 914	76 951	161 198	451 527	606 008	6 758
321212	Softwood veneer and plywood manufacturing .....	—	37	31	5 438	186 067	4 898	10 302	159 491	256 902	903 540	1 159 646	12 801
321213	Engineered wood member (except truss) manufacturing .....	—	'19	'15	'1 507	'50 318	'1 302	'2 743	'41 210	'149 976	'316 645	'470 630	'11 408
321214	Truss manufacturing .....	—	20	12	487	14 496	338	605	8 165	31 932	26 953	58 638	1 003
321219	Reconstituted wood product manufacturing .....	—	21	18	2 042	82 315	1 750	3 476	65 319	272 790	291 816	564 180	13 475
3219	Other wood product manufacturing .....	1	285	103	12 018	323 533	10 066	19 071	245 023	684 703	1 077 085	1 741 946	27 473
32191	Millwork .....	1	145	66	8 366	218 458	7 194	13 671	173 128	464 122	846 147	1 293 544	19 595
321911	Wood window and door manufacturing .....	1	37	25	3 522	96 936	3 011	5 706	74 273	218 108	280 530	491 788	7 960
321912	Cut stock, resawing lumber, and planing .....	1	68	30	3 692	93 352	3 188	6 053	76 312	175 932	466 513	634 163	8 715
321918	Other millwork (including flooring) .....	—	40	11	1 152	28 170	995	1 912	22 543	70 082	99 104	167 593	2 920
32192	Wood container and pallet manufacturing .....	—	35	6	427	10 029	347	661	6 946	19 121	22 710	41 490	2 890
321920	Wood container and pallet manufacturing .....	—	35	6	427	10 029	347	661	6 946	19 121	22 710	41 490	2 890
32199	All other wood product manufacturing .....	2	105	31	3 225	95 046	2 525	4 739	64 949	201 460	208 228	406 912	4 988
321991	Manufactured home (mobile home) manufacturing .....	2	14	12	2 117	62 905	1 686	3 120	43 137	126 907	145 046	271 389	1 893
321992	Prefabricated wood building manufacturing .....	1	21	4	237	7 894	167	336	4 930	12 451	13 577	25 991	398
321999	All other miscellaneous wood product manufacturing .....	2	70	15	871	24 247	672	1 283	16 882	62 102	49 605	109 532	2 697
322	Paper manufacturing .....	—	54	34	6 614	346 546	4 993	10 427	238 283	1 379 361	1 347 618	2 718 490	157 788
3221	Pulp, paper, and paperboard mills .....	—	12	11	4 517	265 193	3 449	7 354	187 564	1 170 865	1 051 325	2 217 090	119 725
32211	Pulp mills .....	—	1	1	c	D	D	D	D	D	D	D	D
322110	Pulp mills .....	—	1	1	c	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	7	6	3 041	172 322	2 433	5 167	128 027	747 139	573 162	1 319 455	D
322121	Paper (except newsprint) mills .....	—	5	4	g	D	D	D	D	D	D	D	53 610
322122	Newsprint mills .....	—	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	—	4	4	g	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	—	4	4	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	42	23	2 097	81 353	1 544	3 073	50 719	208 496	296 293	501 400	38 063
32221	Paperboard container manufacturing .....	—	17	12	1 137	47 353	822	1 658	28 530	124 246	178 799	299 957	35 380
322211	Corrugated and solid fiber box manufacturing .....	1	13	10	998	41 523	748	1 513	25 747	92 386	163 197	252 758	D
322212	Folding paperboard box manufacturing .....	—	3	2	c	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	13	6	646	23 257	523	1 012	16 256	61 059	96 333	154 264	1 430
322221	Coated and laminated packaging paper and plastics film manufacturing ..	—	1	1	c	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing .....	2	6	1	c	D	D	D	D	D	D	D	83
322224	Uncoated paper and multiwall bag manufacturing .....	—	4	3	223	6 875	190	370	5 227	14 496	29 339	44 040	D
32223	Stationery product manufacturing .....	—	4	3	204	6 450	121	260	3 767	13 897	15 325	32 014	D
322233	Stationery, tablet, and related product manufacturing .....	—	2	2	c	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing .....	—	8	2	110	4 293	78	143	2 166	9 294	5 836	15 165	D
322299	All other converted paper product manufacturing .....	—	8	2	110	4 293	78	143	2 166	9 294	5 836	15 165	D

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<b>OREGON—Con.</b>													
323	Printing and related support activities .....	1	'550	'97	'7 660	'269 229	'5 543	'10 255	'169 016	'584 871	'380 288	'963 609	'47 378
3231	Printing and related support activities .....	1	'550	'97	'7 660	'269 229	'5 543	'10 255	'169 016	'584 871	'380 288	'963 609	'47 378
32311	Printing .....	1	'496	'85	'7 008	'244 624	'5 055	'9 350	'153 503	'543 699	'366 515	'908 296	'43 854
323110	Commercial lithographic printing .....	1	'239	45	'3 881	'140 611	'2 762	'5 115	'86 939	'305 085	'213 313	'517 592	'20 641
323112	Commercial flexographic printing .....	1	14	9	443	18 297	284	565	8 850	51 657	30 114	80 786	3 006
323113	Commercial screen printing .....	'4	64	'5	'477	'12 850	'338	'587	'7 289	'23 478	'17 333	'40 749	'1 161
323114	Quick printing .....	3	114	7	720	19 891	543	884	13 363	44 644	15 454	59 942	1 802
323115	Digital printing .....	-	15	2	209	7 952	140	246	4 360	17 987	9 916	27 924	1 034
323116	Manifold business forms printing .....	-	14	10	582	20 260	469	942	15 847	48 197	41 916	90 358	3 977
323117	Books printing .....	4	5	3	433	16 844	325	619	12 002	36 096	29 272	65 078	D
323118	Blankbook, looseleaf binders, and devices manufacturing .....	2	5	3	133	3 565	106	243	2 310	7 429	5 777	13 397	D
323119	Other commercial printing .....	3	25	1	c	D	D	D	D	D	D	D	1 359
32312	Support activities for printing .....	1	54	12	652	24 605	488	905	15 513	41 172	13 773	55 313	3 524
323121	Tradebinding and related work .....	2	31	6	369	12 376	299	591	9 082	20 780	5 300	26 217	2 122
323122	Prepress services .....	-	23	6	283	12 229	189	314	6 431	20 392	8 473	29 096	1 402
324	Petroleum and coal products manufacturing .....	1	'19	9	'612	'27 432	'469	'967	'18 654	'108 047	'182 714	'295 488	'6 936
3241	Petroleum and coal products manufacturing .....	1	'19	9	'612	'27 432	'469	'967	'18 654	'108 047	'182 714	'295 488	'6 936
32412	Asphalt paving, roofing, and saturated materials manufacturing .....	-	12	7	501	21 963	390	810	15 378	76 870	106 557	182 335	D
324121	Asphalt paving mixture and block manufacturing .....	-	8	4	199	7 431	153	266	5 133	17 140	18 056	35 486	2 558
324122	Asphalt shingle and coating materials manufacturing .....	-	4	3	302	14 532	237	544	10 245	59 730	88 501	146 849	D
325	Chemical manufacturing .....	1	176	53	3 711	170 635	2 325	4 418	85 054	892 542	642 723	1 533 009	38 062
3251	Basic chemical manufacturing .....	1	22	8	632	31 526	420	760	14 506	146 339	73 243	220 302	9 220
32513	Synthetic dye and pigment manufacturing .....	-	2	1	c	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing .....	-	1	1	c	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing .....	2	10	7	358	16 355	272	603	11 161	93 271	58 007	153 169	D
325191	Gum and wood chemical manufacturing .....	-	2	2	c	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing .....	5	7	5	c	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	13	6	350	19 217	255	524	13 540	85 622	138 100	222 332	3 548
32521	Resin and synthetic rubber manufacturing .....	-	13	6	350	19 217	255	524	13 540	85 622	138 100	222 332	3 548
325211	Plastics material and resin manufacturing .....	-	11	6	e	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing .....	2	15	5	e	D	D	D	D	D	D	D	1 003
32531	Fertilizer manufacturing .....	2	9	4	196	7 900	124	267	4 217	29 054	30 593	59 364	726
325314	Fertilizer (mixing only) manufacturing .....	4	7	3	c	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	2	33	12	652	25 391	434	703	10 722	77 707	33 128	111 051	D
32541	Pharmaceutical and medicine manufacturing .....	2	33	12	652	25 391	434	703	10 722	77 707	33 128	111 051	D
325411	Medicinal and botanical manufacturing .....	5	10	2	149	4 893	104	225	2 730	15 414	9 480	23 881	D
325412	Pharmaceutical preparation manufacturing .....	1	13	6	c	D	D	D	D	D	D	D	1 046
325413	In-vitro diagnostic substance manufacturing .....	-	3	1	c	D	D	D	D	D	D	D	42
325414	Biological product (except diagnostic) manufacturing .....	3	7	3	160	5 763	115	115	2 699	17 884	10 389	29 605	1 263
3255	Paint, coating, and adhesive manufacturing .....	3	25	7	501	20 580	275	542	8 161	76 904	82 470	157 372	1 067
32551	Paint and coating manufacturing .....	3	19	5	406	17 668	213	419	6 562	67 536	72 058	138 769	912
325510	Paint and coating manufacturing .....	3	19	5	406	17 668	213	419	6 562	67 536	72 058	138 769	912
3256	Soap, cleaning compound, and toilet preparation manufacturing .....	4	29	6	e	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing .....	3	19	5	e	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing .....	4	9	2	146	7 497	42	84	1 761	26 229	13 550	39 515	882
325612	Polish and other sanitation good manufacturing .....	1	8	3	c	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>OREGON—Con.</b>													
325 3259	Chemical manufacturing—Con. Other chemical product and preparation manufacturing . . . . .	—	39	9	934	47 744	581	1 224	27 005	407 019	247 346	655 109	16 291
32591 325910 32599	Printing ink manufacturing . . . . . Printing ink manufacturing . . . . . All other chemical product and preparation manufacturing . . . . .	5 5 —	12 12 27	5 5 4	275 275 659	12 172 12 172 35 572	167 167 414	334 334 890	6 796 6 796 20 209	30 569 30 569 376 450	34 818 34 818 212 528	65 570 65 570 589 539	687 687 15 604
325992	Photographic film, paper, plate, and chemical manufacturing . . . . .	—	6	1	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing . . . . .	—	13	3	c	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing . . . . .	1	195	68	6 579	206 908	5 067	10 035	130 753	573 139	468 114	1 039 666	26 136
3261	Plastics product manufacturing . . . . .	1	155	55	5 703	179 039	4 392	8 752	112 457	495 269	402 168	895 813	23 963
32611	Plastics packaging materials and unlaminated film and sheet manufacturing . . . . .	—	10	6	f	D	D	D	D	D	D	D	4 668
326113	Unlaminated plastics film and sheet (except packaging) manufacturing . . . . .	—	8	5	490	23 102	352	713	13 461	60 391	51 565	113 940	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing . . . . .	3	12	5	367	10 896	295	624	8 442	29 004	53 441	82 615	3 061
326121	Unlaminated plastics profile shape manufacturing . . . . .	9	5	1	116	4 371	91	193	3 050	9 672	6 522	16 235	533
326122	Plastics pipe and pipe fitting manufacturing . . . . .	2	7	4	251	6 525	204	431	5 392	19 332	46 919	66 380	2 528
32614	Polystyrene foam product manufacturing . . . . .	—	6	3	198	5 812	134	304	3 259	20 440	15 058	35 352	915
326140	Polystyrene foam product manufacturing . . . . .	—	6	3	198	5 812	134	304	3 259	20 440	15 058	35 352	915
32615	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	8	3	274	6 426	221	314	3 530	20 006	22 440	42 324	595
326150	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	8	3	274	6 426	221	314	3 530	20 006	22 440	42 324	595
32619	Other plastics product manufacturing . . . . .	1	113	37	4 285	129 446	3 321	6 643	81 422	353 749	240 582	590 879	14 583
326191	Plastics plumbing fixture manufacturing . . . . .	2	9	4	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing . . . . .	1	101	33	3 955	120 530	3 034	6 055	74 328	326 879	223 562	546 965	13 977
3262	Rubber product manufacturing . . . . .	1	40	13	876	27 869	675	1 283	18 296	77 870	65 946	143 853	2 173
32621	Tire manufacturing . . . . .	—	15	5	e	D	D	D	D	D	D	D	D
326212	Tire retreading . . . . .	—	12	4	343	10 171	248	509	6 263	25 565	32 090	57 444	D
32629	Other rubber product manufacturing . . . . .	2	24	8	486	15 285	390	695	10 386	44 120	28 276	72 484	1 554
326291	Rubber product manufacturing for mechanical use . . . . .	4	11	4	233	7 007	193	321	5 083	15 878	13 433	29 276	428
326299	All other rubber product manufacturing . . . . .	1	13	4	253	8 278	197	374	5 303	28 242	14 843	43 208	1 126
327	Nonmetallic mineral product manufacturing . . . . .	1	255	59	4 254	157 785	3 177	6 272	111 323	434 552	349 962	793 057	39 142
3271	Clay product and refractory manufacturing . . . . .	2	31	3	204	6 372	160	290	4 462	15 988	4 182	18 247	258
32712	Clay building material and refractories manufacturing . . . . .	2	11	2	c	D	D	D	D	D	D	D	215
3272	Glass and glass product manufacturing . . . . .	1	57	14	1 252	44 304	955	1 848	32 650	105 445	75 292	189 086	18 812
32721	Glass and glass product manufacturing . . . . .	1	57	14	1 252	44 304	955	1 848	32 650	105 445	75 292	189 086	18 812
327211	Flat glass manufacturing . . . . .	4	2	2	c	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing . . . . .	2	16	4	212	7 164	175	352	5 761	12 307	14 536	33 013	D
327213	Glass container manufacturing . . . . .	—	1	1	c	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass . . . . .	2	38	7	673	23 084	488	946	16 067	44 548	40 615	83 724	4 841
3273	Cement and concrete product manufacturing . . . . .	1	132	37	2 327	87 849	1 686	3 420	60 045	255 866	223 418	481 442	17 691
32731	Cement manufacturing . . . . .	1	5	2	149	7 679	106	193	5 098	23 938	34 778	60 558	D
327310	Cement manufacturing . . . . .	1	5	2	149	7 679	106	193	5 098	23 938	34 778	60 558	D
32732	Ready-mix concrete manufacturing . . . . .	1	78	24	1 351	50 993	978	2 037	35 647	151 123	128 120	279 057	11 760
327320	Ready-mix concrete manufacturing . . . . .	1	78	24	1 351	50 993	978	2 037	35 647	151 123	128 120	279 057	11 760
32733	Concrete pipe, brick, and block manufacturing . . . . .	2	24	7	374	14 173	233	496	8 012	29 607	33 428	64 499	D
327331	Concrete block and brick manufacturing . . . . .	3	19	3	225	8 519	116	229	4 296	18 733	26 344	44 160	1 381
327332	Concrete pipe manufacturing . . . . .	—	5	4	149	5 654	117	267	3 716	10 874	7 084	20 339	D

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NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>OREGON—Con.</b>													
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing—Con.												
32739	Other concrete product manufacturing .....	—	25	4	453	15 004	369	694	11 288	51 198	27 092	77 328	2 407
327390	Other concrete product manufacturing .....	—	25	4	453	15 004	369	694	11 288	51 198	27 092	77 328	2 407
3279	Other nonmetallic mineral product manufacturing .....	2	30	5	436	17 790	348	653	12 991	51 657	41 776	93 211	2 300
32799	All other nonmetallic mineral product manufacturing .....	3	26	3	e	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing .....	3	15	1	106	3 617	76	145	2 532	7 326	3 159	10 469	125
327993	Mineral wool manufacturing .	2	3	2	c	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	72	32	7 829	340 014	5 723	11 600	214 532	774 234	853 912	1 667 434	37 194
3311	Iron and steel mills and ferroalloy manufacturing .....	—	4	4	1 227	57 544	899	1 828	37 602	173 369	334 196	523 513	8 591
33111	Iron and steel mills and ferroalloy manufacturing .....	—	4	4	1 227	57 544	899	1 828	37 602	173 369	334 196	523 513	8 591
331111	Iron and steel mills .....	—	4	4	1 227	57 544	899	1 828	37 602	173 369	334 196	523 513	8 591
3312	Steel product manufacturing from purchased steel .....	—	5	1	c	D	D	D	D	D	D	D	D
33121	Iron and steel pipe and tube manufacturing from purchased steel .....	—	3	1	c	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel .....	—	3	1	c	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	—	7	5	740	29 735	565	1 173	20 495	9 419	149 914	179 166	D
33131	Alumina and aluminum production and processing ...	—	7	5	740	29 735	565	1 173	20 495	9 419	149 914	179 166	D
331314	Secondary smelting and alloying of aluminum .....	—	1	1	c	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	—	6	4	g	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	9	1	1	c	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing .....	9	1	1	c	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	—	5	3	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	—	3	2	g	D	D	D	D	D	D	D	D
3315	Foundries .....	—	50	18	4 176	162 787	3 098	6 008	98 824	454 003	202 427	660 364	14 962
33151	Ferrous metal foundries .....	—	16	7	1 951	82 929	1 333	2 759	45 698	225 193	116 163	343 619	6 701
331512	Steel investment foundries ..	—	2	2	f	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment) .....	—	7	4	1 098	50 845	653	1 417	23 228	130 751	85 738	216 543	5 009
33152	Nonferrous metal foundries .....	—	34	11	2 225	79 858	1 765	3 249	53 126	228 810	86 264	316 745	8 261
331521	Aluminum die-casting foundries .....	—	4	3	226	8 472	191	407	6 752	19 852	12 669	32 454	338
331522	Nonferrous (except aluminum) die-casting foundries .....	—	7	4	1 554	56 662	1 214	2 156	36 775	163 740	58 881	224 295	6 912
331524	Aluminum foundries (except die-casting) .....	2	6	1	c	D	D	D	D	D	D	D	274
331525	Copper foundries (except die-casting) .....	7	14	2	146	4 191	127	221	3 188	12 918	4 481	17 399	436
331528	Other nonferrous foundries (except die-casting) .....	—	3	1	c	D	D	D	D	D	D	D	301
332	Fabricated metal product manufacturing .....	1	958	198	15 366	569 592	11 179	22 256	351 792	*1 449 932	892 397	*2 352 304	82 450
3321	Forging and stamping .....	3	31	11	823	30 859	617	1 316	19 862	64 007	40 893	104 536	2 217
33211	Forging and stamping .....	3	31	11	823	30 859	617	1 316	19 862	64 007	40 893	104 536	2 217
332114	Custom roll forming .....	—	6	4	239	9 941	183	407	6 336	18 298	9 763	27 999	360
332116	Metal stamping .....	5	16	6	489	17 306	367	775	10 904	38 123	25 780	63 758	1 273
3322	Cutlery and handtool manufacturing .....	—	31	10	2 062	89 937	1 297	2 830	41 921	431 153	132 995	564 431	11 238
33221	Cutlery and handtool manufacturing .....	—	31	10	2 062	89 937	1 297	2 830	41 921	431 153	132 995	564 431	11 238
332212	Hand and edge tool manufacturing .....	—	21	6	f	D	D	D	D	D	D	D	D
332213	Saw blade and handsaw manufacturing .....	—	7	3	g	D	D	D	D	D	D	D	D



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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>OREGON—Con.</b>													
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing .....	1	'248	'61	'4 532	'167 547	'3 261	'6 442	'104 632	'357 183	'324 630	'680 300	'18 094
33231	Plate work and fabricated structural product manufacturing .....	1	101	23	1 689	67 146	1 172	2 391	39 414	134 136	154 889	288 613	8 105
332311	Prefabricated metal building and component manufacturing .....	1	12	3	116	4 531	74	155	1 992	14 345	12 466	27 139	719
332312	Fabricated structural metal manufacturing .....	1	75	14	1 210	50 383	815	1 690	29 427	96 314	129 655	226 229	4 127
332313	Plate work manufacturing .....	—	14	6	363	12 232	283	546	7 995	23 477	12 768	35 245	3 259
33232	Ornamental and architectural metal products manufacturing .....	1	'147	'38	'2 843	'100 401	'2 089	'4 051	'65 218	'223 047	'169 741	'391 687	'9 989
332321	Metal window and door manufacturing .....	—	12	5	472	13 787	351	776	9 116	48 623	43 324	90 872	3 557
332322	Sheet metal work manufacturing .....	1	'88	'28	'1 871	'64 675	'1 389	'2 654	'42 177	'140 223	'101 041	'241 443	'5 543
332323	Ornamental and architectural metal work manufacturing ..	4	47	5	500	21 939	349	621	13 925	34 201	25 376	59 372	889
3324	Boiler, tank, and shipping container manufacturing .....	1	23	10	690	28 603	478	977	17 083	63 547	110 264	176 697	5 947
33241	Power boiler and heat exchanger manufacturing ....	1	4	4	338	14 235	198	361	6 797	29 177	66 214	95 776	3 755
332410	Power boiler and heat exchanger manufacturing ..	1	4	4	338	14 235	198	361	6 797	29 177	66 214	95 776	3 755
33242	Metal tank (heavy gauge) manufacturing .....	1	8	3	158	6 610	120	277	4 124	11 775	10 556	23 533	1 854
332420	Metal tank (heavy gauge) manufacturing .....	1	8	3	158	6 610	120	277	4 124	11 775	10 556	23 533	1 854
33243	Metal can, box, and other metal container (light gauge) manufacturing .....	—	11	3	194	7 758	160	339	6 162	22 595	33 494	57 388	338
332439	Other metal container manufacturing .....	1	8	2	c	D	D	D	D	D	D	D	275
3325	Hardware manufacturing .....	6	10	4	412	10 761	332	405	5 987	42 855	42 726	85 651	2 284
33251	Hardware manufacturing .....	6	10	4	412	10 761	332	405	5 987	42 855	42 726	85 651	2 284
332510	Hardware manufacturing .....	6	10	4	412	10 761	332	405	5 987	42 855	42 726	85 651	2 284
3326	Spring and wire product manufacturing .....	5	31	12	774	24 378	574	1 161	15 019	56 595	31 343	94 100	1 816
33261	Spring and wire product manufacturing .....	5	31	12	774	24 378	574	1 161	15 019	56 595	31 343	94 100	1 816
332612	Spring (light gauge) manufacturing .....	—	4	4	149	4 936	111	220	3 534	9 835	4 721	14 323	D
332618	Other fabricated wire product manufacturing .....	5	23	8	588	18 099	433	885	10 516	44 128	24 332	74 855	1 539
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	378	52	3 564	131 948	2 666	5 263	88 370	255 572	114 589	372 485	29 649
33271	Machine shops .....	2	342	37	2 900	104 134	2 139	4 191	67 867	200 196	91 288	292 031	12 782
332710	Machine shops .....	2	342	37	2 900	104 134	2 139	4 191	67 867	200 196	91 288	292 031	12 782
33272	Turned product and screw, nut, and bolt manufacturing .....	1	36	15	664	27 814	527	1 072	20 503	55 376	23 301	80 454	16 867
332721	Precision turned product manufacturing .....	—	26	12	526	22 386	418	853	16 485	44 181	14 965	60 251	16 439
332722	Bolt, nut, screw, rivet, and washer manufacturing .....	4	10	3	138	5 428	109	219	4 018	11 195	8 336	20 203	428
3328	Coating, engraving, heat treating, and allied activities .....	2	85	17	1 144	36 478	934	1 784	26 307	77 605	27 874	105 766	4 147
33281	Coating, engraving, heat treating, and allied activities ..	2	85	17	1 144	36 478	934	1 784	26 307	77 605	27 874	105 766	4 147
332811	Metal heat treating .....	3	12	2	150	5 648	119	240	3 827	15 364	3 644	19 016	1 562
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	3	31	8	398	13 279	313	641	9 376	30 173	15 139	45 518	1 646
332813	Electroplating, plating, polishing, anodizing, and coloring .....	2	42	7	596	17 551	502	903	13 104	32 068	9 091	41 232	939
3329	Other fabricated metal product manufacturing .....	'3	'121	'21	'1 365	'49 081	'1 020	'2 078	'32 611	'101 415	'67 083	'168 338	'7 058
33299	All other fabricated metal product manufacturing .....	'3	'112	'20	'1 281	'45 969	'959	'1 941	'31 042	'92 648	'60 191	'152 461	D
332992	Small arms ammunition manufacturing .....	2	5	1	102	3 937	72	146	2 314	7 110	4 397	11 555	D
332996	Fabricated pipe and pipe fitting manufacturing .....	3	11	5	371	13 640	296	642	9 805	27 190	22 174	49 439	1 468
332999	All other miscellaneous fabricated metal product manufacturing .....	'3	'83	'13	'731	'24 589	'538	'1 053	'16 557	'51 924	'31 419	'82 847	'3 051
333	Machinery manufacturing .....	2	381	124	10 550	438 095	6 400	12 150	216 977	1 051 061	838 410	1 861 593	62 223

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>OREGON—Con.</b>													
333	Machinery manufacturing—Con.												
3331	Agriculture, construction, and mining machinery manufacturing .....	2	56	25	1 877	77 332	1 172	2 351	41 917	144 045	190 251	341 091	7 075
33311	Agricultural implement manufacturing .....	1	29	12	605	20 557	420	834	13 173	45 726	38 577	84 870	2 096
333111	Farm machinery and equipment manufacturing ..	1	29	12	605	20 557	420	834	13 173	45 726	38 577	84 870	2 096
33312	Construction machinery manufacturing .....	'5	'20	'6	'712	'32 358	'402	'804	'15 735	'62 761	'77 485	'140 039	'3 651
333120	Construction machinery manufacturing .....	'5	'20	'6	'712	'32 358	'402	'804	'15 735	'62 761	'77 485	'140 039	'3 651
33313	Mining and oil and gas field machinery manufacturing ....	—	'7	'7	'560	'24 417	'350	'713	'13 009	'35 558	'74 189	'116 182	'1 328
333131	Mining machinery and equipment manufacturing ..	—	6	6	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	3	91	34	2 929	122 478	1 513	2 674	51 074	368 717	230 319	572 652	27 314
33321	Sawmill and woodworking machinery manufacturing ....	—	29	13	760	32 973	425	868	15 326	58 636	37 630	96 683	2 788
333210	Sawmill and woodworking machinery manufacturing ..	—	29	13	760	32 973	425	868	15 326	58 636	37 630	96 683	2 788
33329	Other industrial machinery manufacturing .....	4	55	19	2 084	85 199	1 042	1 712	33 757	298 596	187 219	460 744	24 455
333291	Paper industry machinery manufacturing .....	6	9	2	c	D	D	D	D	D	D	D	473
333294	Food product machinery manufacturing .....	2	17	4	231	8 784	160	282	4 780	20 480	7 851	27 832	283
333295	Semiconductor machinery manufacturing .....	5	6	5	1 167	46 403	534	773	16 722	169 302	136 578	283 034	20 006
333298	All other industrial machinery manufacturing .....	—	19	8	516	22 124	228	437	7 392	91 721	34 093	124 064	3 649
3333	Commercial and service industry machinery manufacturing .....	—	30	8	1 057	44 702	716	1 512	22 651	102 736	50 757	154 205	3 382
33331	Commercial and service industry machinery manufacturing .....	—	30	8	1 057	44 702	716	1 512	22 651	102 736	50 757	154 205	3 382
333314	Optical instrument and lens manufacturing .....	—	7	4	669	28 375	490	1 010	16 599	75 313	27 835	102 863	2 180
333319	Other commercial and service industry machinery manufacturing .....	—	16	3	333	13 963	193	427	5 189	24 195	19 742	44 258	1 173
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	2	15	5	507	19 812	362	789	11 253	51 509	40 110	83 153	1 432
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	2	15	5	507	19 812	362	789	11 253	51 509	40 110	83 153	1 432
333411	Air purification equipment manufacturing .....	—	4	2	387	15 390	271	610	8 498	38 938	30 872	61 344	514
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	8	7	3	111	4 102	84	168	2 577	11 797	8 684	20 481	899
3335	Metalworking machinery manufacturing .....	2	77	15	981	37 869	618	1 154	21 779	83 283	40 821	124 069	6 822
33351	Metalworking machinery manufacturing .....	2	77	15	981	37 869	618	1 154	21 779	83 283	40 821	124 069	6 822
333511	Industrial mold manufacturing .....	—	29	5	319	11 873	236	408	8 287	23 405	7 652	31 161	4 379
333512	Machine tool (metal cutting types) manufacturing .....	1	4	2	135	5 972	59	80	2 328	11 867	5 556	17 225	D
333514	Special die and tool, die set, jig, and fixture manufacturing .....	9	23	1	127	4 870	90	185	2 884	7 519	3 563	11 094	290
333515	Cutting tool and machine tool accessory manufacturing...	—	13	4	274	10 132	148	307	5 446	31 112	16 129	46 313	886
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	14	5	259	9 086	183	359	5 177	19 459	8 005	27 160	1 365
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	14	5	259	9 086	183	359	5 177	19 459	8 005	27 160	1 365
333613	Mechanical power transmission equipment manufacturing .....	1	7	2	159	5 846	122	230	3 352	10 512	4 157	14 849	277
3339	Other general purpose machinery manufacturing .....	1	98	32	2 940	126 816	1 836	3 311	63 126	281 312	278 147	559 263	14 833
33391	Pump and compressor manufacturing .....	1	12	5	474	21 909	224	398	8 932	38 105	93 503	133 430	1 691
333911	Pump and pumping equipment manufacturing ..	1	7	5	434	20 202	200	350	8 091	32 515	87 723	122 109	1 272

**Table 1. Industry Statistics for the State: 2002—Con.**

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NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>OREGON—Con.</b>													
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing—Con.												
33392	Material handling equipment manufacturing .....	—	33	13	1 439	65 047	897	1 525	32 184	156 638	131 002	286 731	9 872
333922	Conveyor and conveying equipment manufacturing ..	—	13	7	f	D	D	D	D	D	D	D	2 447
333923	Overhead travelling crane, hoist, and monorail system manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	1	15	5	502	25 674	253	519	9 469	52 463	34 385	88 411	D
33399	All other general purpose machinery manufacturing ....	2	53	14	1 027	39 860	715	1 388	22 010	86 569	53 642	139 102	3 270
333991	Power-driven handtool manufacturing .....	—	3	1	c	D	D	D	D	D	D	D	D
333995	Fluid power cylinder and actuator manufacturing ....	—	8	4	231	9 552	153	287	5 508	24 339	9 981	34 410	840
333999	All other miscellaneous general purpose machinery manufacturing .....	6	30	5	417	14 533	266	445	6 129	27 677	19 858	47 783	1 178
334	Computer and electronic product manufacturing .....	—	274	116	31 364	1 712 179	15 798	28 613	723 382	10 474 003	2 854 597	13 227 884	318 302
3341	Computer and peripheral equipment manufacturing .....	—	32	12	8 224	505 207	2 845	5 451	203 535	765 851	818 280	1 575 026	77 403
33411	Computer and peripheral equipment manufacturing ....	—	32	12	8 224	505 207	2 845	5 451	203 535	765 851	818 280	1 575 026	77 403
334111	Electronic computer manufacturing .....	6	8	3	e	D	D	D	D	D	D	D	D
334113	Computer terminal manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	20	8	7 612	465 970	2 534	4 897	188 265	590 880	724 425	1 309 264	64 012
3342	Communications equipment manufacturing .....	1	28	10	2 611	84 670	1 428	2 256	42 549	242 944	197 709	438 522	43 067
33421	Telephone apparatus manufacturing .....	1	5	1	154	4 619	119	188	2 261	12 705	8 312	20 969	D
334210	Telephone apparatus manufacturing .....	1	5	1	154	4 619	119	188	2 261	12 705	8 312	20 969	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	2	10	5	1 793	52 724	979	1 395	30 005	156 679	120 406	275 994	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	2	10	5	1 793	52 724	979	1 395	30 005	156 679	120 406	275 994	D
33429	Other communications equipment manufacturing ....	—	13	4	664	27 327	330	673	10 283	73 560	68 991	141 559	D
334290	Other communications equipment manufacturing ..	—	13	4	664	27 327	330	673	10 283	73 560	68 991	141 559	D
3343	Audio and video equipment manufacturing .....	4	15	6	552	23 761	238	443	8 055	52 963	58 932	112 634	10 949
33431	Audio and video equipment manufacturing .....	4	15	6	552	23 761	238	443	8 055	52 963	58 932	112 634	10 949
334310	Audio and video equipment manufacturing .....	4	15	6	552	23 761	238	443	8 055	52 963	58 932	112 634	10 949
3344	Semiconductor and other electronic component manufacturing .....	—	97	46	12 444	626 868	8 301	15 667	343 479	8 532 102	1 247 735	9 661 085	139 643
33441	Semiconductor and other electronic component manufacturing .....	—	97	46	12 444	626 868	8 301	15 667	343 479	8 532 102	1 247 735	9 661 085	139 643
334412	Bare printed circuit board manufacturing .....	—	16	5	1 599	62 094	1 135	1 619	31 882	116 273	67 791	178 676	12 508
334413	Semiconductor and related device manufacturing .....	—	27	17	8 831	499 247	5 749	11 239	275 033	8 254 814	1 042 666	9 184 906	118 299
334416	Electronic coil, transformer, and other inductor manufacturing .....	1	6	2	124	2 985	92	177	1 745	6 285	2 453	8 728	189
334418	Printed circuit assembly (electronic assembly) manufacturing .....	1	19	13	954	31 694	597	1 098	15 123	76 250	91 841	167 721	D
334419	Other electronic component manufacturing .....	—	25	8	861	28 734	676	1 441	18 602	72 887	41 285	113 467	4 878
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	—	90	39	7 012	453 726	2 649	4 087	117 040	837 709	512 185	1 378 248	45 784
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	90	39	7 012	453 726	2 649	4 087	117 040	837 709	512 185	1 378 248	45 784
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	12	6	1 361	57 577	826	892	31 382	145 177	99 186	251 933	3 681
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....	—	10	6	629	39 352	291	619	10 897	107 914	56 781	163 862	3 648

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NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>OREGON—Con.</b>													
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing—Con.												
33451	Navigational, measuring, electromedical, and control instruments manufacturing—Con.												
334514	Totalizing fluid meter and counting device manufacturing .....	—	5	4	303	11 229	155	253	3 991	13 557	15 459	29 262	469
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	—	24	11	3 921	310 379	1 020	1 669	61 033	498 161	300 019	818 343	36 640
334516	Analytical laboratory instrument manufacturing ..	—	9	4	390	18 058	175	285	4 444	34 758	19 013	54 917	343
334519	Other measuring and controlling device manufacturing .....	1	14	4	267	10 842	107	214	2 862	25 945	14 381	40 500	690
3346	Manufacturing and reproducing magnetic and optical media.....	1	12	3	521	17 947	337	709	8 724	42 434	19 756	62 369	1 456
33461	Manufacturing and reproducing magnetic and optical media...	1	12	3	521	17 947	337	709	8 724	42 434	19 756	62 369	1 456
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	1	8	3	504	17 308	324	697	8 357	41 189	19 425	60 793	D
335	Electrical equipment, appliance, and component manufacturing .....	1	'70	18	'2 484	'107 178	'1 524	'3 180	'48 143	'246 455	'267 710	'523 725	'21 384
3351	Electric lighting equipment manufacturing .....	2	15	4	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	2	13	3	360	11 763	243	513	6 024	26 554	8 356	34 910	421
335121	Residential electric lighting fixture manufacturing .....	—	6	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	2	25	6	502	17 225	332	610	8 846	59 851	65 784	125 307	D
33531	Electrical equipment manufacturing .....	2	25	6	502	17 225	332	610	8 846	59 851	65 784	125 307	D
335311	Power, distribution, and specialty transformer manufacturing .....	—	4	2	c	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	5	5	3	192	6 806	123	239	3 670	20 106	19 181	39 339	422
3359	Other electrical equipment and component manufacturing .....	—	'27	7	'1 545	'75 028	'898	'1 954	'31 723	'150 475	'189 434	'350 170	'19 514
33591	Battery manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	—	4	2	c	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	—	3	2	c	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	—	6	1	c	D	D	D	D	D	D	D	222
335931	Current-carrying wiring device manufacturing .....	—	5	1	126	5 598	59	117	1 942	12 250	5 737	18 014	D
33599	All other electrical equipment and component manufacturing .....	—	'13	2	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	'11	2	'842	'49 037	'356	'846	'14 676	'60 502	'83 954	'153 317	D
336	Transportation equipment manufacturing .....	—	239	66	13 246	500 312	10 552	20 268	357 961	1 251 436	1 718 087	2 977 325	44 333
3361	Motor vehicle manufacturing .....	—	8	2	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	—	57	25	5 977	191 750	4 867	9 397	133 853	509 282	717 432	1 228 619	10 213
33621	Motor vehicle body and trailer manufacturing .....	—	57	25	5 977	191 750	4 867	9 397	133 853	509 282	717 432	1 228 619	10 213
336211	Motor vehicle body manufacturing .....	8	18	2	155	5 438	121	250	3 615	10 050	15 820	25 827	261
336212	Truck trailer manufacturing ..	—	6	4	348	10 333	272	531	7 185	17 962	29 930	47 560	232
336213	Motor home manufacturing ..	—	5	5	3 513	115 669	2 797	5 235	81 786	319 970	453 499	781 462	D
336214	Travel trailer and camper manufacturing .....	—	28	14	1 961	60 310	1 677	3 381	41 267	161 300	218 183	373 770	D

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NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>OREGON—Con.</b>													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing .....	2	75	13	1 564	66 126	1 073	1 855	42 242	201 288	139 258	341 409	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	1	14	3	355	17 213	183	374	8 194	44 585	33 063	77 269	1 023
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	1	14	3	355	17 213	183	374	8 194	44 585	33 063	77 269	1 023
33635	Motor vehicle transmission and power train parts manufacturing .....	—	6	2	349	15 400	261	409	10 668	54 721	39 101	94 222	546
336350	Motor vehicle transmission and power train parts manufacturing .....	—	6	2	349	15 400	261	409	10 668	54 721	39 101	94 222	546
33639	Other motor vehicle parts manufacturing .....	2	26	7	729	28 044	525	860	19 269	92 343	50 215	143 418	5 999
336399	All other motor vehicle parts manufacturing .....	2	26	7	729	28 044	525	860	19 269	92 343	50 215	143 418	5 999
3364	Aerospace product and parts manufacturing .....	—	25	5	1 840	108 757	1 351	3 024	78 462	292 050	84 867	388 939	D
33641	Aerospace product and parts manufacturing .....	—	25	5	1 840	108 757	1 351	3 024	78 462	292 050	84 867	388 939	D
336411	Aircraft manufacturing .....	4	5	1	227	6 667	176	388	3 793	4 618	9 245	15 532	227
336413	Other aircraft parts and auxiliary equipment manufacturing .....	—	17	4	1 594	101 518	1 158	2 619	74 252	286 341	74 688	371 382	D
3365	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	1	42	12	g	D	D	D	D	D	D	D	4 388
33661	Ship and boat building .....	1	42	12	g	D	D	D	D	D	D	D	4 388
336611	Ship building and repairing ..	3	17	5	e	D	D	D	D	D	D	D	2 666
336612	Boat building .....	—	25	7	870	25 373	670	1 324	16 336	64 751	81 731	146 482	1 722
3369	Other transportation equipment manufacturing .....	1	31	8	742	20 703	596	1 186	15 376	53 966	41 980	91 054	D
33699	Other transportation equipment manufacturing .....	1	31	8	742	20 703	596	1 186	15 376	53 966	41 980	91 054	D
336991	Motorcycle, bicycle, and parts manufacturing .....	3	17	4	248	8 001	193	368	5 891	20 596	10 726	30 966	D
336999	All other transportation equipment manufacturing ..	—	14	4	494	12 702	403	818	9 485	33 370	31 254	60 088	702
337	Furniture and related product manufacturing .....	2	420	80	7 037	204 724	5 377	10 576	130 719	550 495	354 175	901 900	31 390
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	335	51	5 055	137 834	3 982	7 868	94 021	381 643	256 876	635 989	25 020
33711	Wood kitchen cabinet and countertop manufacturing ....	1	204	26	2 506	71 699	1 926	3 902	48 958	179 585	117 011	296 720	18 523
337110	Wood kitchen cabinet and countertop manufacturing ..	1	204	26	2 506	71 699	1 926	3 902	48 958	179 585	117 011	296 720	18 523
33712	Household and institutional furniture manufacturing .....	4	131	25	2 549	66 135	2 056	3 966	45 063	202 058	139 865	339 269	6 497
337121	Upholstered household furniture manufacturing ....	2	38	10	903	21 323	745	1 444	14 513	43 194	48 668	91 312	1 751
337122	Nonupholstered wood household furniture manufacturing .....	6	72	13	1 319	33 801	1 086	2 144	25 145	135 516	75 016	208 855	4 262
337127	Institutional furniture manufacturing .....	—	10	2	261	9 058	176	279	3 905	16 872	11 936	28 406	426
3372	Office furniture (including fixtures) manufacturing .....	1	78	24	1 655	54 685	1 152	2 165	29 541	129 456	63 199	192 324	4 663
33721	Office furniture (including fixtures) manufacturing .....	1	78	24	1 655	54 685	1 152	2 165	29 541	129 456	63 199	192 324	4 663
337211	Wood office furniture manufacturing .....	2	10	3	c	D	D	D	D	D	D	D	248
337212	Custom architectural woodwork and millwork manufacturing .....	—	27	11	866	31 862	590	1 102	16 736	74 882	31 557	106 020	D
337214	Office furniture (except wood) manufacturing .....	1	3	1	c	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing .....	3	38	9	511	14 487	373	695	8 661	34 253	18 073	52 118	729
3379	Other furniture related product manufacturing .....	—	7	5	327	12 205	243	543	7 157	39 396	34 100	73 587	1 707
33791	Mattress manufacturing .....	—	5	4	c	D	D	D	D	D	D	D	D
337910	Mattress manufacturing .....	—	5	4	c	D	D	D	D	D	D	D	D

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>OREGON—Con.</b>													
339	Miscellaneous manufacturing . . . . .	2	612	'89	'8 506	'291 422	'5 728	'10 789	'149 834	'713 122	'356 111	'1 064 070	'37 374
3391	Medical equipment and supplies manufacturing . . . . .	2	235	29	3 492	139 574	2 265	4 423	68 199	336 871	126 514	461 992	21 272
33911	Medical equipment and supplies manufacturing . . . . .	2	235	29	3 492	139 574	2 265	4 423	68 199	336 871	126 514	461 992	21 272
339111	Laboratory apparatus and furniture manufacturing . . . . .	1	11	2	240	7 001	174	369	3 901	13 154	10 414	23 488	662
339112	Surgical and medical instrument manufacturing . . . . .	2	20	4	408	18 624	212	418	7 219	52 126	14 786	65 949	4 706
339113	Surgical appliance and supplies manufacturing . . . . .	2	23	5	258	9 350	189	383	5 101	22 132	13 124	34 822	993
339114	Dental equipment and supplies manufacturing . . . . .	1	35	8	1 408	68 844	811	1 719	27 809	178 528	67 204	245 306	12 294
339115	Ophthalmic goods manufacturing . . . . .	1	12	4	226	7 238	181	281	4 774	19 354	9 933	29 677	767
339116	Dental laboratories . . . . .	5	134	6	952	28 517	698	1 253	19 395	51 577	11 053	62 750	1 850
3399	Other miscellaneous manufacturing . . . . .	2	377	'60	'5 014	'151 848	'3 463	'6 366	'81 635	'376 251	'229 597	'602 078	'16 102
33991	Jewelry and silverware manufacturing . . . . .	3	26	3	176	4 169	111	222	2 200	9 780	7 842	17 496	249
339911	Jewelry (except costume) manufacturing . . . . .	3	22	3	171	4 042	107	217	2 138	9 642	7 641	17 157	243
33992	Sporting and athletic goods manufacturing . . . . .	3	63	14	996	29 563	675	1 218	14 797	75 565	52 070	128 028	5 237
339920	Sporting and athletic goods manufacturing . . . . .	3	63	14	996	29 563	675	1 218	14 797	75 565	52 070	128 028	5 237
33993	Doll, toy, and game manufacturing . . . . .	3	24	3	207	5 616	173	310	3 750	11 167	5 633	16 888	443
339932	Game, toy, and children's vehicle manufacturing . . . . .	3	20	3	192	5 320	164	291	3 600	10 659	5 316	15 975	D
33994	Office supplies (except paper) manufacturing . . . . .	5	19	4	391	10 997	285	502	5 718	33 085	34 254	67 768	908
339942	Lead pencil and art good manufacturing . . . . .	7	8	1	211	5 368	172	304	3 260	17 849	17 495	35 434	532
339944	Carbon paper and inked ribbon manufacturing . . . . .	—	4	2	120	3 790	67	106	1 413	11 374	14 534	26 247	281
33995	Sign manufacturing . . . . .	—	'114	'14	'1 218	'42 563	'797	'1 526	'23 108	'79 269	'49 657	'130 377	'2 908
339950	Sign manufacturing . . . . .	—	'114	'14	'1 218	'42 563	'797	'1 526	'23 108	'79 269	'49 657	'130 377	'2 908
33999	All other miscellaneous manufacturing . . . . .	2	'131	22	'2 026	'58 940	'1 422	'2 588	'32 062	'167 385	'80 141	'241 521	'6 357
339991	Gasket, packing, and sealing device manufacturing . . . . .	1	8	2	186	6 199	129	252	3 636	15 519	7 000	22 635	702
339992	Musical instrument manufacturing . . . . .	—	18	2	238	8 734	147	219	2 885	17 276	7 952	24 817	490
339994	Broom, brush, and mop manufacturing . . . . .	2	6	3	729	20 988	591	1 165	13 429	84 004	35 802	116 136	1 542
339999	All other miscellaneous manufacturing . . . . .	2	'95	15	'861	'22 624	'545	'935	'11 875	'49 108	'28 894	'75 962	'3 592

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data 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>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 100 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 100 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: c–100 to 249 employees; e–250 to 499 employees; f–500 to 999 employees; g–1,000 to 2,499 employees; h–2,500 to 4,999 employees; i–5,000 to 9,999 employees; j–10,000 to 24,999 employees; k–25,000 to 49,999 employees; l–50,000 to 99,999 employees; m–100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

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 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. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>ALBANY-CORVALLIS-LEBANON, OR COMBINED STATISTICAL AREA</b>												
31-33	Manufacturing .....	-	285	84	14 291	663 802	9 400	19 033	434 109	1 224 314	1 181 617	2 411 524	96 999
311	Food manufacturing .....	-	23	5	f	D	D	D	D	D	D	D	4 941
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	-	2	1	e	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	1	8	2	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	1	8	2	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	1	4	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	47	28	2 941	100 111	2 482	5 095	77 942	203 265	455 363	658 647	10 665
3211	Sawmills and wood preservation ..	-	15	9	826	32 009	727	1 618	26 087	51 629	197 560	252 628	3 354
32111	Sawmills and wood preservation .....	-	15	9	826	32 009	727	1 618	26 087	51 629	197 560	252 628	3 354
321113	Sawmills .....	-	14	9	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing ....	-	16	12	1 333	46 413	1 158	2 374	37 210	100 283	206 904	305 140	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	16	12	1 333	46 413	1 158	2 374	37 210	100 283	206 904	305 140	D
321212	Softwood veneer and plywood manufacturing ....	-	4	4	671	20 460	574	1 087	14 928	36 276	104 543	138 777	D
321219	Reconstituted wood product manufacturing .....	1	7	5	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	16	7	782	21 689	597	1 103	14 645	51 353	50 899	100 879	D
32199	All other wood product manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	1 155
321991	Manufactured home (mobile home) manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	4	4	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	3	3	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	-	1	1	e	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	8	4	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	7	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	13	3	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	7	5	1 789	92 933	1 243	2 743	59 754	153 882	135 654	288 112	12 920
3314	Nonferrous metal (except aluminum) production and processing .....	-	2	2	g	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	-	2	2	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	-	2	2	g	D	D	D	D	D	D	D	D
3315	Foundries .....	-	4	2	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries ....	-	4	2	e	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries .....	-	3	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	45	7	434	17 346	325	624	11 455	34 406	18 193	52 426	1 654
333	Machinery manufacturing .....	2	15	5	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ALBANY-CORVALLIS-LEBANON, OR COMBINED STATISTICAL AREA—Con.</b>													
334	Computer and electronic product manufacturing .....	-	17	6	h	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing .....	-	5	2	h	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	-	5	2	h	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	-	4	2	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	4	22	5	375	9 566	284	537	6 056	21 040	14 410	35 572	D
339	Miscellaneous manufacturing .....	1	26	4	305	9 673	204	364	5 284	19 618	7 637	26 874	D
<b>Albany-Lebanon, OR Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	-	182	65	8 328	334 562	6 493	13 043	235 925	953 390	882 606	1 829 786	76 268
311	Food manufacturing .....	-	17	5	943	25 426	797	1 541	21 096	67 618	94 409	161 371	4 917
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	-	1	1	e	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	1	7	2	329	7 108	315	590	6 324	20 221	23 743	43 947	673
31161	Animal slaughtering and processing .....	1	7	2	329	7 108	315	590	6 324	20 221	23 743	43 947	673
311612	Meat processed from carcasses .....	1	3	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	36	24	2 482	83 460	2 066	4 180	63 673	175 390	378 189	549 595	9 301
3211	Sawmills and wood preservation .	-	11	6	485	19 005	421	914	15 208	31 074	130 172	161 411	2 348
32111	Sawmills and wood preservation .....	-	11	6	485	19 005	421	914	15 208	31 074	130 172	161 411	2 348
321113	Sawmills .....	-	10	6	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing ....	-	12	11	1 229	43 128	1 060	2 185	34 093	93 577	198 147	288 948	5 495
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	12	11	1 229	43 128	1 060	2 185	34 093	93 577	198 147	288 948	5 495
321212	Softwood veneer and plywood manufacturing ....	-	4	4	671	20 460	574	1 087	14 928	36 276	104 543	138 777	D
321219	Reconstituted wood product manufacturing .....	1	5	4	389	17 250	337	759	14 642	44 424	73 393	117 242	D
3219	Other wood product manufacturing .....	-	13	7	768	21 327	585	1 081	14 372	50 739	49 870	99 236	1 458
32199	All other wood product manufacturing .....	-	5	4	645	18 013	494	924	12 487	41 839	41 708	82 339	1 155
321991	Manufactured home (mobile home) manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	3	3	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	-	1	1	e	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	-	1	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	7	5	1 789	92 933	1 243	2 743	59 754	153 882	135 654	288 112	12 920
3314	Nonferrous metal (except aluminum) production and processing .....	-	2	2	g	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	-	2	2	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	-	2	2	g	D	D	D	D	D	D	D	D
3315	Foundries .....	-	4	2	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries ....	-	4	2	e	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries .....	-	3	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	39	7	419	16 746	311	597	10 998	33 312	17 649	50 780	1 616

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ALBANY-CORVALLIS-LEBANON, OR COMBINED STATISTICAL AREA—Con.</b>													
<b>Albany-Lebanon, OR Micropolitan Statistical Area—Con.</b>													
333	Machinery manufacturing .....	2	8	3	251	10 091	183	335	5 837	21 277	11 559	32 636	475
337	Furniture and related product manufacturing .....	4	15	4	292	7 666	219	405	4 648	16 547	11 812	28 496	794
<b>Corvallis, OR Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	103	19	5 963	329 240	2 907	5 990	198 184	270 924	299 011	581 738	20 731
321	Wood product manufacturing .....	—	11	4	459	16 651	416	915	14 269	27 875	77 174	109 052	1 364
3211	Sawmills and wood preservation .....	—	4	3	341	13 004	306	704	10 879	20 555	67 388	91 217	1 006
32111	Sawmills and wood preservation .....	—	4	3	341	13 004	306	704	10 879	20 555	67 388	91 217	1 006
321113	Sawmills .....	—	4	3	341	13 004	306	704	10 879	20 555	67 388	91 217	1 006
334	Computer and electronic product manufacturing .....	—	11	4	4 617	282 266	1 902	3 945	167 076	182 918	181 367	364 915	D
3341	Computer and peripheral equipment manufacturing .....	—	4	2	h	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing .....	—	4	2	h	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing .....	—	3	2	h	D	D	D	D	D	D	D	D
<b>BEND-PRINEVILLE, OR COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	271	59	6 446	189 704	5 115	9 382	125 146	449 113	456 113	894 292	18 133
321	Wood product manufacturing .....	—	36	23	3 076	74 962	2 692	4 664	59 191	169 477	241 733	406 407	8 233
3219	Other wood product manufacturing .....	—	26	18	h	D	D	D	D	D	D	D	D
32191	Millwork .....	—	19	15	h	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	—	7	7	g	D	D	D	D	D	D	D	D
321912	Cut stock, resawing lumber, and planing .....	—	8	6	f	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring) .....	—	4	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	32	3	e	D	D	D	D	D	D	D	772
336	Transportation equipment manufacturing .....	1	19	4	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
336213	Motor home manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	31	3	273	7 612	203	344	4 835	14 347	10 522	24 990	D
339	Miscellaneous manufacturing .....	2	41	4	e	D	D	D	D	D	D	D	D
<b>Bend, OR Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	245	52	5 053	155 814	3 898	7 036	97 788	365 085	343 247	699 061	14 745
321	Wood product manufacturing .....	—	27	18	1 884	47 566	1 642	2 626	36 451	100 655	147 768	245 344	5 107
3219	Other wood product manufacturing .....	—	19	14	1 656	40 713	1 450	2 389	31 560	91 214	133 725	220 847	4 360
32191	Millwork .....	—	14	11	1 447	34 637	1 293	2 077	27 498	78 753	123 255	197 880	3 599
321911	Wood window and door manufacturing .....	—	6	6	898	24 737	783	1 395	19 208	62 561	73 273	132 361	2 537
321912	Cut stock, resawing lumber, and planing .....	—	6	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	31	3	259	8 680	202	401	5 727	16 970	9 020	26 178	772

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>BEND-PRINEVILLE, OR COMBINED STATISTICAL AREA—Con.</b>												
	<b>Bend, OR Metropolitan Statistical Area—Con.</b>												
336	Transportation equipment manufacturing .....	1	17	3	797	24 247	680	1 401	18 081	57 047	67 665	118 528	1 338
3362	Motor vehicle body and trailer manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
336213	Motor home manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	28	3	268	7 488	200	339	4 754	14 118	10 351	24 590	327
339	Miscellaneous manufacturing .....	2	39	4	332	9 553	242	415	5 268	17 564	15 901	33 182	596
	<b>Prineville, OR Micropolitan Statistical Area</b>												
31-33	Manufacturing .....	1	26	7	1 393	33 890	1 217	2 346	27 358	84 028	112 866	195 231	3 388
321	Wood product manufacturing .....	—	9	5	1 192	27 396	1 050	2 038	22 740	68 822	93 965	161 063	3 126
3219	Other wood product manufacturing .....	—	7	4	g	D	D	D	D	D	D	D	D
32191	Millwork .....	—	5	4	g	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring) .....	—	2	1	e	D	D	D	D	D	D	D	D
	<b>ASTORIA, OR MICROPOLITAN STATISTICAL AREA</b>												
31-33	Manufacturing .....	—	48	12	840	24 355	659	1 210	16 789	62 620	102 787	166 400	1 833
311	Food manufacturing .....	—	15	4	342	7 454	275	493	5 595	25 705	46 521	71 988	779
	<b>BROOKINGS, OR MICROPOLITAN STATISTICAL AREA</b>												
31-33	Manufacturing .....	—	29	3	640	25 349	550	1 244	19 519	42 566	88 157	132 182	D
321	Wood product manufacturing .....	—	6	2	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
	<b>CITY OF THE DALLES, OR MICROPOLITAN STATISTICAL AREA</b>												
31-33	Manufacturing .....	—	26	5	396	18 820	314	595	13 751	1 776	108 827	129 075	2 805
	<b>COOS BAY, OR MICROPOLITAN STATISTICAL AREA</b>												
31-33	Manufacturing .....	1	76	13	1 534	51 671	1 268	2 604	40 798	116 405	234 521	350 160	5 090
311	Food manufacturing .....	8	11	2	296	7 325	257	497	5 502	12 860	31 752	44 946	808
321	Wood product manufacturing .....	—	18	7	802	27 202	711	1 508	23 639	45 586	150 818	195 271	2 025
3211	Sawmills and wood preservation ..	—	8	4	256	9 400	230	510	8 184	30 088	79 119	109 627	794
32111	Sawmills and wood preservation .....	—	8	4	256	9 400	230	510	8 184	30 088	79 119	109 627	794
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>EUGENE-SPRINGFIELD, OR METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	612	160	19 296	720 717	13 832	27 000	442 383	'2 393 189	2 361 840	'4 751 919	163 328
311	Food manufacturing .....	7	53	12	1 183	39 377	722	1 395	21 979	189 141	115 161	303 835	7 016
3118	Bakeries and tortilla manufacturing .....	9	14	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	9	13	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	9	5	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	-	11	2	268	8 078	50	72	1 504	30 745	27 647	60 217	5 444
3121	Beverage manufacturing .....	-	11	2	268	8 078	50	72	1 504	30 745	27 647	60 217	5 444
321	Wood product manufacturing .....	-	77	42	5 280	201 568	4 460	9 439	155 455	470 416	963 768	1 436 280	26 549
3211	Sawmills and wood preservation .....	-	21	15	1 863	83 783	1 556	3 455	63 278	246 370	472 020	720 556	12 160
32111	Sawmills and wood preservation .....	-	21	15	1 863	83 783	1 556	3 455	63 278	246 370	472 020	720 556	12 160
321113	Sawmills .....	-	17	11	1 660	77 369	1 405	3 152	59 293	218 919	418 063	642 402	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	25	20	3 023	106 192	2 601	5 386	84 584	190 885	460 817	652 533	13 821
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	25	20	3 023	106 192	2 601	5 386	84 584	190 885	460 817	652 533	13 821
321211	Hardwood veneer and plywood manufacturing .....	-	4	3	773	27 837	641	1 356	20 368	48 488	115 224	160 970	D
321212	Softwood veneer and plywood manufacturing .....	2	9	8	1 135	38 900	1 010	2 028	32 879	56 229	177 806	235 643	2 277
321213	Engineered wood member (except truss) manufacturing .....	-	5	5	821	27 273	727	1 552	22 719	66 346	125 103	192 294	9 155
3219	Other wood product manufacturing .....	3	31	7	394	11 593	303	598	7 593	33 161	30 931	63 191	568
322	Paper manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	e	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	-	1	1	e	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	-	47	10	748	24 182	516	926	14 927	55 859	25 874	81 759	3 709
3231	Printing and related support activities .....	-	47	10	748	24 182	516	926	14 927	55 859	25 874	81 759	3 709
32311	Printing .....	-	43	10	736	23 941	509	917	14 768	55 340	25 685	81 051	D
323110	Commercial lithographic printing .....	-	21	7	490	16 784	332	618	9 919	35 473	16 051	51 700	2 991
325	Chemical manufacturing .....	1	21	8	767	37 744	466	837	16 911	193 333	146 969	338 767	8 239
3251	Basic chemical manufacturing .....	-	3	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	5	19	4	268	8 141	205	419	5 352	23 632	30 788	51 758	1 684
327	Nonmetallic mineral product manufacturing .....	4	38	6	494	15 900	322	693	9 687	46 026	48 972	94 785	3 147
3273	Cement and concrete product manufacturing .....	6	11	4	315	9 369	184	406	4 757	22 498	33 645	56 061	2 352
332	Fabricated metal product manufacturing .....	'3	93	18	1 293	47 101	1 000	1 875	32 360	'100 629	67 248	'166 981	5 712
3323	Architectural and structural metals manufacturing .....	'3	'28	'6	'476	'17 938	'393	'788	'13 894	'39 347	'29 633	'68 380	'2 384
33232	Ornamental and architectural metal products manufacturing .....	'3	'20	'5	'378	'14 195	'314	'607	'11 365	'25 236	'22 102	'46 912	'1 922
332322	Sheet metal work manufacturing .....	'-	'14	'4	'280	'8 810	'242	'460	'7 030	'19 232	'13 227	'31 909	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	1	31	5	e	D	D	D	D	D	D	D	D
33271	Machine shops .....	1	30	5	351	14 061	233	452	8 333	30 394	13 892	44 276	1 454
332710	Machine shops .....	1	30	5	351	14 061	233	452	8 333	30 394	13 892	44 276	1 454

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>EUGENE-SPRINGFIELD, OR METROPOLITAN STATISTICAL AREA—Con.</b>													
333	Machinery manufacturing .....	3	48	20	1 210	54 025	765	1 571	27 057	91 733	94 234	190 278	4 765
3331	Agriculture, construction, and mining machinery manufacturing .....	4	6	4	325	14 159	221	461	8 696	22 321	37 090	65 529	D
3332	Industrial machinery manufacturing .....	—	11	5	283	16 073	126	268	5 017	22 880	23 344	45 526	D
3339	Other general purpose machinery manufacturing .....	3	12	7	384	15 951	251	517	8 569	30 010	21 868	51 061	1 008
334	Computer and electronic product manufacturing .....	—	13	7	1 767	74 520	907	1 213	21 259	575 592	165 721	722 659	38 917
3341	Computer and peripheral equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	—	1	1	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	—	1	1	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	1	1	e	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	27	9	3 435	113 298	2 641	4 887	77 615	302 158	432 481	750 062	7 442
3362	Motor vehicle body and trailer manufacturing .....	—	11	7	3 219	107 367	2 494	4 632	73 683	288 100	420 393	724 145	6 865
33621	Motor vehicle body and trailer manufacturing .....	—	11	7	3 219	107 367	2 494	4 632	73 683	288 100	420 393	724 145	6 865
336213	Motor home manufacturing ..	—	4	4	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	6	48	9	1 172	34 925	864	1 773	22 030	134 552	59 667	192 593	4 349
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	6	34	5	897	26 858	666	1 382	17 251	119 398	50 669	168 291	3 364
33711	Wood kitchen cabinet and countertop manufacturing ....	2	18	3	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	2	18	3	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	7	16	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	8	12	2	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	1	14	4	275	8 067	198	391	4 779	15 154	8 998	24 302	985
33721	Office furniture (including fixtures) manufacturing .....	1	14	4	275	8 067	198	391	4 779	15 154	8 998	24 302	985
339	Miscellaneous manufacturing .....	2	70	7	695	24 801	433	827	12 679	54 657	24 261	77 728	1 418
3399	Other miscellaneous manufacturing .....	2	39	4	467	16 697	284	543	8 371	35 494	18 427	52 346	762
33995	Sign manufacturing.....	—	14	2	278	11 933	159	299	5 882	22 613	9 530	31 679	285
339950	Sign manufacturing.....	—	14	2	278	11 933	159	299	5 882	22 613	9 530	31 679	285

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GRANTS PASS, OR MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	133	25	2 831	84 405	2 115	4 330	51 166	199 997	191 375	393 759	22 362
321	Wood product manufacturing .....	-	18	8	920	27 955	776	1 570	19 760	55 136	104 022	162 077	906
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	4	4	475	14 461	433	948	12 162	28 500	66 562	97 225	151
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	4	4	475	14 461	433	948	12 162	28 500	66 562	97 225	151
321212	Softwood veneer and plywood manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	10	2	e	D	D	D	D	D	D	D	632
332	Fabricated metal product manufacturing .....	1	26	4	391	10 141	257	557	6 461	18 299	8 576	26 270	3 631
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	-	14	3	e	D	D	D	D	D	D	D	3 147
33271	Machine shops .....	-	12	1	268	6 079	176	403	3 754	11 058	4 742	15 193	D
332710	Machine shops .....	-	12	1	268	6 079	176	403	3 754	11 058	4 742	15 193	D
334	Computer and electronic product manufacturing .....	-	8	5	471	17 331	263	586	5 884	39 714	18 704	59 185	373
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	5	4	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	5	4	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	11	2	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	9	2	e	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing .....	-	6	1	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing .....	-	6	1	e	D	D	D	D	D	D	D	D
<b>HOOD RIVER, OR MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	2	54	13	f	D	D	D	D	D	D	D	1 586
339	Miscellaneous manufacturing .....	1	14	3	260	5 858	216	390	4 038	14 378	7 449	22 482	306
3399	Other miscellaneous manufacturing .....	-	13	3	e	D	D	D	D	D	D	D	D
<b>KLAMATH FALLS, OR MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	71	22	2 500	85 219	2 105	4 371	64 568	293 640	296 628	590 913	18 758
321	Wood product manufacturing .....	-	14	9	1 414	53 301	1 252	2 641	44 082	166 388	208 090	373 085	5 542
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	6	5	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	6	5	f	D	D	D	D	D	D	D	D
321211	Hardwood veneer and plywood manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing .....	-	4	4	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
32191	Millwork .....	-	4	2	e	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	7	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>LA GRANDE, OR MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	31	8	1 366	46 173	1 181	2 323	34 726	97 439	180 078	275 300	6 203
321	Wood product manufacturing .....	-	7	4	f	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation .....	-	2	2	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation .....	-	2	2	e	D	D	D	D	D	D	D	D
321113	Sawmills .....	-	2	2	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	5	3	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	3	3	541	17 448	463	958	11 232	34 207	59 425	92 149	D
33621	Motor vehicle body and trailer manufacturing .....	-	3	3	541	17 448	463	958	11 232	34 207	59 425	92 149	D
336214	Travel trailer and camper manufacturing .....	-	3	3	541	17 448	463	958	11 232	34 207	59 425	92 149	D
<b>MEDFORD, OR METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	310	71	6 552	221 758	5 120	10 159	159 976	811 621	884 038	1 687 676	30 955
311	Food manufacturing .....	5	25	6	350	8 907	259	535	6 279	42 759	34 713	77 477	1 687
321	Wood product manufacturing .....	-	40	21	2 869	95 233	2 511	5 050	79 676	232 155	535 932	763 070	5 766
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	15	12	1 750	61 391	1 541	3 139	52 166	176 676	395 731	569 815	4 235
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	15	12	1 750	61 391	1 541	3 139	52 166	176 676	395 731	569 815	4 235
321211	Hardwood veneer and plywood manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing .....	-	8	6	1 010	35 500	908	1 972	31 848	64 564	214 571	278 736	D
3219	Other wood product manufacturing .....	-	21	7	1 011	28 406	889	1 731	23 767	47 819	88 459	131 862	654
32191	Millwork .....	-	8	6	842	24 251	759	1 504	21 218	38 081	79 984	113 659	491
321911	Wood window and door manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring) .....	-	4	4	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	-	25	5	464	15 570	355	643	10 730	26 969	21 913	48 621	1 209
3231	Printing and related support activities .....	-	25	5	464	15 570	355	643	10 730	26 969	21 913	48 621	1 209
32311	Printing .....	-	23	5	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	11	5	555	27 218	432	856	19 331	343 174	157 650	501 110	D
3259	Other chemical product and preparation manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	17	4	274	8 930	203	433	6 425	27 563	18 747	45 237	2 337
333	Machinery manufacturing .....	1	20	5	417	15 303	224	449	7 769	38 953	21 730	60 168	1 234
334	Computer and electronic product manufacturing .....	3	12	4	254	9 247	149	295	4 010	13 747	15 021	28 713	D
336	Transportation equipment manufacturing .....	2	18	4	299	10 600	195	380	6 349	20 247	26 780	45 835	811
339	Miscellaneous manufacturing .....	2	42	7	374	10 388	285	529	6 465	23 176	6 969	30 147	1 559
3399	Other miscellaneous manufacturing .....	1	28	6	289	7 735	222	398	5 000	17 791	4 984	22 792	1 387

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ONTARIO, OR-ID MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	51	12	2 452	58 668	2 224	4 248	46 752	459 802	280 015	742 310	18 011
311	Food manufacturing .....	-	8	4	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	-	2	2	g	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	2	2	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	5	3	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
32191	Millwork .....	-	2	2	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring) .....	-	1	1	e	D	D	D	D	D	D	D	D
<b>PENDLETON-HERMISTON, OR MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	2	84	30	4 597	133 961	3 986	7 877	102 117	495 044	611 235	1 103 661	26 002
311	Food manufacturing .....	3	28	18	2 993	85 591	2 618	5 234	65 975	352 059	417 196	769 362	23 232
3114	Fruit and vegetable preserving and specialty food manufacturing .....	4	13	12	2 482	68 559	2 223	4 483	54 632	294 794	265 266	561 493	15 322
31141	Frozen food manufacturing ....	3	8	8	2 312	62 724	2 084	4 199	50 665	271 963	245 479	517 497	14 023
311411	Frozen fruit, juice, and vegetable manufacturing ...	3	8	8	2 312	62 724	2 084	4 199	50 665	271 963	245 479	517 497	14 023
3118	Bakeries and tortilla manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	7	3	539	15 749	454	769	11 821	25 637	61 729	86 449	958
3219	Other wood product manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	276
32199	All other wood product manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	205
3362	Motor vehicle body and trailer manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	'3 256	919	'110 748	'4 643 324	'73 675	'143 139	'2 534 413	'19 267 535	'11 357 506	'30 517 533	'855 023
311	Food manufacturing .....	1	206	75	8 471	274 633	5 381	10 604	156 246	1 582 186	1 165 520	2 741 950	84 680
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	26	14	1 399	40 190	1 104	2 162	24 724	220 437	199 619	415 437	23 815
31141	Frozen food manufacturing ....	-	9	5	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	-	5	3	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	-	17	9	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	-	14	8	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing .....	1	15	13	1 015	39 315	714	1 608	25 037	175 170	361 476	537 388	15 016
31151	Dairy product (except frozen) manufacturing .....	1	13	11	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing ....	1	8	8	708	26 655	477	1 070	16 361	122 797	296 996	420 248	D
3116	Animal slaughtering and processing .....	1	22	6	441	13 878	377	849	9 846	57 868	40 822	98 886	1 427
31161	Animal slaughtering and processing .....	1	22	6	441	13 878	377	849	9 846	57 868	40 822	98 886	1 427
311612	Meat processed from carcasses .....	1	12	4	319	9 654	269	622	6 636	52 598	25 189	78 105	1 220

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA—Con.</b>													
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing .....	3	74	26	3 219	96 799	1 726	3 133	55 364	589 123	203 201	791 495	15 749
31181	Bread and bakery product manufacturing .....	6	62	22	g	D	D	D	D	D	D	D	D
311811	Retail bakeries .....	2	33	7	331	5 531	191	269	2 921	9 278	4 923	14 202	D
311812	Commercial bakeries .....	6	27	14	2 085	57 376	914	1 609	25 352	358 960	74 976	434 432	11 573
31182	Cookie, cracker, and pasta manufacturing .....	—	11	4	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing .....	—	7	3	643	29 583	484	1 000	23 685	200 606	94 388	293 738	2 419
3119	Other food manufacturing .....	—	43	11	1 991	68 776	1 228	2 386	34 184	467 973	247 867	715 161	24 641
31191	Snack food manufacturing .....	—	6	3	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing .....	1	25	3	510	14 831	400	860	9 087	65 327	70 007	135 315	D
311991	Perishable prepared food manufacturing .....	—	10	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	2	57	8	981	39 310	406	776	13 248	147 877	167 453	308 370	18 882
3121	Beverage manufacturing .....	2	57	8	981	39 310	406	776	13 248	147 877	167 453	308 370	18 882
31211	Soft drink and ice manufacturing .....	—	9	2	353	15 969	103	201	3 437	56 886	113 794	169 017	5 702
312111	Soft drink manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
31213	Wineries .....	2	40	3	406	13 215	191	349	5 134	41 489	24 653	60 960	10 382
312130	Wineries .....	2	40	3	406	13 215	191	349	5 134	41 489	24 653	60 960	10 382
313	Textile mills .....	—	14	2	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	7	2	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	2	49	8	661	17 619	477	971	10 298	48 783	37 655	85 272	1 534
3141	Textile furnishings mills .....	1	16	3	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	14	3	e	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	3	33	5	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	3	52	12	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	2	43	11	f	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors .....	4	30	6	443	7 197	385	642	5 862	9 292	1 289	12 043	41
315212	Women's, girls', and infants' cut and sew apparel contractors .....	6	25	4	e	D	D	D	D	D	D	D	35
31523	Women's and girls' cut and sew apparel manufacturing .....	2	7	1	e	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing .....	2	4	1	e	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing .....	5	12	4	371	10 879	247	474	4 867	20 042	17 971	40 591	361
321	Wood product manufacturing .....	1	175	70	5 603	181 564	4 658	9 503	135 288	436 073	834 429	1 260 072	23 303
3211	Sawmills and wood preservation .....	—	42	21	2 230	82 190	1 961	4 194	66 942	190 652	489 997	675 594	11 876
32111	Sawmills and wood preservation .....	—	42	21	2 230	82 190	1 961	4 194	66 942	190 652	489 997	675 594	11 876
321113	Sawmills .....	—	33	16	1 941	72 135	1 752	3 772	60 949	163 130	420 318	584 194	10 217
321114	Wood preservation .....	—	9	5	289	10 055	209	422	5 993	27 522	69 679	91 400	1 659
3212	Veneer, plywood, and engineered wood product manufacturing .....	1	28	17	839	29 292	663	1 438	20 309	63 730	107 768	171 229	2 663
32121	Veneer, plywood, and engineered wood product manufacturing .....	1	28	17	839	29 292	663	1 438	20 309	63 730	107 768	171 229	2 663
321214	Truss manufacturing .....	—	12	8	398	13 314	269	582	6 944	30 090	23 466	53 423	1 192

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA—Con.</b>													
321	Wood product manufacturing—Con.												
3219	Other wood product manufacturing .....	4	105	32	2 534	70 082	2 034	3 871	48 037	181 691	236 664	413 249	8 764
32191	Millwork .....	4	57	18	1 680	46 945	1 340	2 567	31 318	132 397	185 058	312 783	5 085
321911	Wood window and door manufacturing .....	4	18	9	822	23 115	634	1 145	14 636	47 652	58 504	106 473	D
321912	Cut stock, resawing lumber, and planing .....	4	20	8	703	19 893	573	1 144	13 788	76 878	118 385	190 319	2 951
32192	Wood container and pallet manufacturing .....	1	18	6	334	7 659	271	527	5 491	13 443	17 568	30 806	2 925
321920	Wood container and pallet manufacturing .....	1	18	6	334	7 659	271	527	5 491	13 443	17 568	30 806	2 925
32199	All other wood product manufacturing .....	4	30	8	520	15 478	423	777	11 228	35 851	34 038	69 660	754
321999	All other miscellaneous wood product manufacturing .....	4	22	5	274	8 032	227	429	6 229	17 252	14 657	31 701	446
322	Paper manufacturing .....	—	50	31	6 186	312 910	4 915	10 135	229 979	925 779	1 139 973	2 052 442	104 592
3221	Pulp, paper, and paperboard mills .....	—	7	6	3 708	216 359	3 028	6 341	166 678	684 970	788 818	1 460 421	90 384
32212	Paper mills .....	—	7	6	3 708	216 359	3 028	6 341	166 678	684 970	788 818	1 460 421	90 384
322121	Paper (except newsprint) mills .....	—	5	4	h	D	D	D	D	D	D	D	D
322122	Newsprint mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	43	25	2 478	96 551	1 887	3 794	63 301	240 809	351 155	592 021	14 208
32221	Paperboard container manufacturing .....	—	16	11	g	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	1	12	9	841	34 365	652	1 332	21 970	76 972	129 388	204 343	D
32222	Paper bag and coated and treated paper manufacturing ..	—	14	8	f	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing .....	—	5	5	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing .....	—	9	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	'360	'73	'5 805	'210 780	'4 213	'7 945	'130 869	'458 593	'324 095	'783 165	'36 260
3231	Printing and related support activities .....	1	'360	'73	'5 805	'210 780	'4 213	'7 945	'130 869	'458 593	'324 095	'783 165	'36 260
32311	Printing .....	1	'317	'62	'5 222	'188 076	'3 774	'7 123	'116 556	'420 658	'310 975	'731 742	'32 885
323110	Commercial lithographic printing .....	—	'143	29	'2 827	'108 452	'2 001	'3 822	'67 272	'236 158	'194 658	'431 613	'16 148
323112	Commercial flexographic printing .....	2	13	9	486	19 514	324	656	9 656	54 342	32 249	85 631	2 940
323113	Commercial screen printing ..	'4	35	'5	'361	'10 681	'251	'464	'5 696	'17 540	'13 689	'31 183	D
323114	Quick printing .....	3	77	5	530	14 239	411	664	9 954	31 814	10 848	42 536	1 323
323116	Manifold business forms printing .....	—	10	7	362	12 910	294	561	9 847	32 453	31 009	63 791	D
32312	Support activities for printing...	1	43	11	583	22 704	439	822	14 313	37 935	13 120	51 423	3 375
323121	Tradebinding and related work .....	2	25	6	344	11 753	280	556	8 654	19 699	5 120	24 956	2 096
324	Petroleum and coal products manufacturing .....	1	'12	6	'435	'20 745	'333	'712	'14 204	'92 946	'165 592	'262 980	D
3241	Petroleum and coal products manufacturing .....	1	'12	6	'435	'20 745	'333	'712	'14 204	'92 946	'165 592	'262 980	D
32412	Asphalt paving, roofing, and saturated materials manufacturing .....	—	6	4	e	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing .....	—	4	3	302	14 532	237	544	10 245	59 730	88 501	146 849	3 048
325	Chemical manufacturing .....	2	125	30	2 000	87 952	1 178	2 192	38 646	343 149	300 250	641 987	12 911
3254	Pharmaceutical and medicine manufacturing .....	2	25	9	f	D	D	D	D	D	D	D	2 814
32541	Pharmaceutical and medicine manufacturing .....	2	25	9	f	D	D	D	D	D	D	D	2 814
325411	Medicinal and botanical manufacturing .....	2	11	5	271	7 754	212	411	4 452	24 735	24 802	48 663	1 328
3255	Paint, coating, and adhesive manufacturing .....	2	20	4	314	14 337	173	308	5 027	68 503	63 951	131 476	1 193
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	3	19	4	299	12 623	145	228	4 277	48 214	27 855	75 851	3 341
32561	Soap and cleaning compound manufacturing .....	3	14	4	269	11 440	122	185	3 607	41 213	25 022	66 017	D

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<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA—Con.</b>														
325	Chemical manufacturing—Con.													
3259	Other chemical product and preparation manufacturing . . . .	1	34	8	f	D	D	D	D	D	D	D	D	
32591	Printing ink manufacturing . . . .	5	13	5	e	D	D	D	D	D	D	D	D	
325910	Printing ink manufacturing . . .	5	13	5	e	D	D	D	D	D	D	D	D	
32599	All other chemical product and preparation manufacturing . . .	—	21	3	e	D	D	D	D	D	D	D	D	
326	Plastics and rubber products manufacturing . . . . .	1	128	60		5 262	165 872	3 900	7 638	98 648	432 935	350 845	782 527	20 631
3261	Plastics product manufacturing . .	1	109	50		4 666	146 743	3 461	6 804	86 735	381 222	309 042	689 081	18 970
32611	Plastics packaging materials and un laminated film and sheet manufacturing . . . . .	—	8	5		314	11 264	232	438	6 091	23 856	35 636	59 280	636
326113	Un laminated plastics film and sheet (except packaging) manufacturing . . . . .	—	6	4	e	D	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing . . . . .	5	10	4		309	10 728	214	463	7 136	22 816	40 986	61 818	D
32615	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	8	4	e	D	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	8	4	e	D	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing . . . . .	1	76	34		3 461	108 918	2 621	5 180	65 505	292 961	187 121	479 566	12 458
326199	All other plastics product manufacturing . . . . .	1	74	33	h	D	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing . . .	1	19	10		596	19 129	439	834	11 913	51 713	41 803	93 446	1 661
32629	Other rubber product manufacturing . . . . .	2	11	7	e	D	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing . . . . .	2	119	33		2 568	98 905	1 974	3 783	70 113	277 307	194 036	474 089	27 015
3272	Glass and glass product manufacturing . . . . .	2	31	13		1 075	39 926	824	1 588	28 776	106 096	68 482	176 928	17 381
32721	Glass and glass product manufacturing . . . . .	2	31	13		1 075	39 926	824	1 588	28 776	106 096	68 482	176 928	17 381
327215	Glass product manufacturing made of purchased glass . .	3	24	7		624	22 233	463	893	15 244	45 553	43 879	88 013	D
3273	Cement and concrete product manufacturing . . . . .	1	54	13		982	39 304	742	1 439	27 086	121 824	90 101	214 156	7 800
32732	Ready-mix concrete manufacturing . . . . .	—	24	8		531	23 612	395	816	16 684	72 909	64 611	138 087	6 275
327320	Ready-mix concrete manufacturing . . . . .	—	24	8		531	23 612	395	816	16 684	72 909	64 611	138 087	6 275
3279	Other nonmetallic mineral product manufacturing . . . . .	2	15	4	e	D	D	D	D	D	D	D	D	1 619
32799	All other nonmetallic mineral product manufacturing . . . . .	2	13	3		295	12 204	239	440	9 192	30 183	29 100	59 163	D
331	Primary metal manufacturing . . . . .	—	48	21		5 419	217 900	4 009	7 908	134 832	602 050	642 581	1 266 328	22 579
3311	Iron and steel mills and ferroalloy manufacturing . . . . .	—	4	4	g	D	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing . . . . .	—	4	4	g	D	D	D	D	D	D	D	D	D
331111	Iron and steel mills . . . . .	—	4	4	g	D	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing . . . . .	—	9	4	f	D	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing . . .	—	9	4	f	D	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing . . . . .	—	4	2	f	D	D	D	D	D	D	D	D	D
3315	Foundries . . . . .	—	28	11	h	D	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries . . . . .	—	12	6		1 911	81 544	1 300	2 692	44 650	222 032	114 629	338 910	6 620
331512	Steel investment foundries . .	—	2	2	f	D	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment) . . . . .	—	6	4	g	D	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries . . . .	—	16	5	g	D	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries . . . . .	—	2	1	g	D	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA—Con.</b>													
332	Fabricated metal product manufacturing .....	1	638	147	11 773	450 678	8 473	17 139	275 740	1 173 911	679 517	1 857 026	68 111
3321	Forging and stamping.....	4	21	6	573	22 812	437	939	14 408	45 497	30 358	75 710	D
33211	Forging and stamping.....	4	21	6	573	22 812	437	939	14 408	45 497	30 358	75 710	D
332116	Metal stamping .....	6	11	3	332	12 785	251	524	7 968	25 774	19 222	44 974	D
3322	Cutlery and handtool manufacturing .....	—	20	10	g	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	—	20	10	g	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing .....	—	14	7	f	D	D	D	D	D	D	D	D
332213	Saw blade and handsaw manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	1	154	40	3 113	120 209	2 192	4 406	74 751	240 743	205 744	441 531	15 238
33231	Plate work and fabricated structural product manufacturing .....	1	66	16	1 390	56 434	976	1 936	34 758	98 035	124 957	222 033	9 348
332312	Fabricated structural metal manufacturing .....	1	56	13	1 160	49 633	792	1 597	30 371	85 182	118 257	203 361	6 283
33232	Ornamental and architectural metal products manufacturing .....	1	88	24	1 723	63 775	1 216	2 470	39 993	142 708	80 787	219 498	5 890
332321	Metal window and door manufacturing .....	—	8	2	316	9 432	227	540	6 095	33 226	23 976	55 646	D
332322	Sheet metal work manufacturing .....	1	52	19	1 131	41 240	798	1 559	25 914	86 500	43 345	127 602	3 233
332323	Ornamental and architectural metal work manufacturing ..	2	28	3	276	13 103	191	371	7 984	22 982	13 466	36 250	D
3324	Boiler, tank, and shipping container manufacturing .....	—	19	11	696	28 672	481	977	17 123	63 148	108 455	173 896	5 889
33241	Power boiler and heat exchanger manufacturing ....	1	4	4	338	14 235	198	361	6 797	29 177	66 214	95 776	3 755
332410	Power boiler and heat exchanger manufacturing ..	1	4	4	338	14 235	198	361	6 797	29 177	66 214	95 776	3 755
3325	Hardware manufacturing .....	—	6	3	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing .....	—	6	3	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing ....	—	6	3	e	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing .....	5	24	10	683	22 580	501	1 032	13 655	53 376	28 866	88 290	D
33261	Spring and wire product manufacturing .....	5	24	10	683	22 580	501	1 032	13 655	53 376	28 866	88 290	D
332618	Other fabricated wire product manufacturing .....	6	16	6	497	16 301	360	756	9 152	40 909	21 855	69 045	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	266	36	2 515	96 240	1 901	3 770	64 858	185 595	86 613	272 773	22 736
33271	Machine shops .....	2	238	26	2 054	76 188	1 543	3 035	50 357	141 682	69 730	211 709	9 348
332710	Machine shops .....	2	238	26	2 054	76 188	1 543	3 035	50 357	141 682	69 730	211 709	9 348
33272	Turned product and screw, nut, and bolt manufacturing .....	1	28	10	461	20 052	358	735	14 501	43 913	16 883	61 064	13 388
332721	Precision turned product manufacturing .....	—	21	8	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities .....	3	63	15	899	30 401	717	1 477	21 612	71 974	25 928	97 932	3 686
33281	Coating, engraving, heat treating, and allied activities ..	3	63	15	899	30 401	717	1 477	21 612	71 974	25 928	97 932	3 686
332812	Metal coating, engraving (silverware), and allied services to manufacturers ..	3	23	7	346	11 632	271	572	8 271	25 748	13 634	39 415	D
332813	Electroplating, plating, polishing, anodizing, and coloring .....	2	30	5	386	12 639	313	624	9 144	24 301	7 056	31 357	D
3329	Other fabricated metal product manufacturing .....	2	65	16	932	33 918	694	1 425	23 322	69 349	45 010	114 241	5 154
33299	All other fabricated metal product manufacturing .....	2	57	15	853	30 996	636	1 295	21 861	61 020	38 378	99 062	D
332999	All other miscellaneous fabricated metal product manufacturing .....	2	43	12	556	18 684	406	789	12 968	38 271	22 418	60 509	2 275
333	Machinery manufacturing .....	2	229	78	8 085	348 793	4 632	8 641	164 815	793 888	681 014	1 439 503	44 834

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA—Con.</b>													
333	Machinery manufacturing—Con.												
3331	Agriculture, construction, and mining machinery manufacturing .....	2	17	10	861	40 214	474	945	18 921	72 099	112 911	185 269	3 758
33312	Construction machinery manufacturing .....	14	18	14	1455	122 219	1239	1489	19 989	141 961	150 462	192 520	D
333120	Construction machinery manufacturing .....	14	18	14	1455	122 219	1239	1489	19 989	141 961	150 462	192 520	D
33313	Mining and oil and gas field machinery manufacturing ....	—	14	14	e	D	D	D	D	D	D	D	D
333131	Mining machinery and equipment manufacturing ..	—	4	4	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	4	66	26	2 898	117 395	1 463	2 547	49 971	293 594	202 825	469 218	18 150
33321	Sawmill and woodworking machinery manufacturing ....	1	15	7	424	14 375	252	513	7 952	30 284	16 090	47 199	D
333210	Sawmill and woodworking machinery manufacturing ..	1	15	7	424	14 375	252	513	7 952	30 284	16 090	47 199	D
33329	Other industrial machinery manufacturing .....	4	44	17	2 240	92 533	1 081	1 782	37 150	259 659	186 076	419 312	D
333291	Paper industry machinery manufacturing .....	3	12	4	e	D	D	D	D	D	D	D	D
333295	Semiconductor machinery manufacturing .....	5	7	5	g	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing .....	2	18	7	f	D	D	D	D	D	D	D	3 716
3333	Commercial and service industry machinery manufacturing .....	—	20	7	1 029	43 807	653	1 391	22 954	97 891	62 113	159 458	3 035
33331	Commercial and service industry machinery manufacturing .....	—	20	7	1 029	43 807	653	1 391	22 954	97 891	62 113	159 458	3 035
333314	Optical instrument and lens manufacturing .....	—	6	4	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing .....	—	8	2	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	1	9	5	522	21 200	360	781	11 197	55 453	43 463	90 553	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	1	9	5	522	21 200	360	781	11 197	55 453	43 463	90 553	D
333411	Air purification equipment manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing .....	1	49	8	e	D	D	D	D	D	D	D	4 969
33351	Metalworking machinery manufacturing .....	1	49	8	e	D	D	D	D	D	D	D	4 969
3339	Other general purpose machinery manufacturing .....	1	60	19	2 176	101 366	1 294	2 282	47 490	222 729	237 843	461 317	12 411
33391	Pump and compressor manufacturing .....	—	6	6	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	6	6	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	—	18	7	991	49 901	567	841	22 188	113 933	104 120	217 597	8 411
333922	Conveyor and conveying equipment manufacturing ..	1	6	3	e	D	D	D	D	D	D	D	D
333923	Overhead traveling crane, hoist, and monorail system manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	9	3	363	21 474	153	329	6 614	41 592	27 358	69 667	D
33399	All other general purpose machinery manufacturing ....	2	36	6	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	215	97	26 181	1 428 152	13 625	25 377	581 702	10 084 998	2 939 394	12 940 483	291 313
3341	Computer and peripheral equipment manufacturing .....	—	26	10	3 528	219 307	867	1 580	37 819	570 165	610 206	1 170 792	62 903
33411	Computer and peripheral equipment manufacturing ....	—	26	10	3 528	219 307	867	1 580	37 819	570 165	610 206	1 170 792	62 903
334111	Electronic computer manufacturing .....	6	6	3	e	D	D	D	D	D	D	D	D
334113	Computer terminal manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	16	6	2 930	180 790	556	1 026	22 634	395 878	517 786	907 149	49 592

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA—Con.</b>													
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing .....	1	19	8	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	2	6	4	1 683	48 022	936	1 288	28 924	157 690	110 580	267 296	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	2	6	4	1 683	48 022	936	1 288	28 924	157 690	110 580	267 296	D
33429	Other communications equipment manufacturing ....	—	9	3	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	9	3	f	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing .....	1	11	5	690	31 546	394	1 253	19 271	87 350	269 811	353 600	D
33431	Audio and video equipment manufacturing .....	1	11	5	690	31 546	394	1 253	19 271	87 350	269 811	353 600	D
334310	Audio and video equipment manufacturing .....	1	11	5	690	31 546	394	1 253	19 271	87 350	269 811	353 600	D
3344	Semiconductor and other electronic component manufacturing .....	—	82	44	12 652	652 966	8 401	16 479	366 839	8 352 732	1 366 796	9 623 540	134 439
33441	Semiconductor and other electronic component manufacturing .....	—	82	44	12 652	652 966	8 401	16 479	366 839	8 352 732	1 366 796	9 623 540	134 439
334412	Bare printed circuit board manufacturing .....	—	12	4	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	—	28	21	9 589	537 035	6 293	12 784	306 944	8 099 624	1 182 377	9 193 572	114 962
334418	Printed circuit assembly (electronic assembly) manufacturing .....	2	14	11	834	32 402	473	968	13 513	76 707	96 133	172 452	D
334419	Other electronic component manufacturing .....	—	18	6	f	D	D	D	D	D	D	D	5 349
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	1	65	28	6 693	440 778	2 496	3 737	114 219	824 974	500 712	1 352 833	46 718
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	65	28	6 693	440 778	2 496	3 737	114 219	824 974	500 712	1 352 833	46 718
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	3	11	5	1 852	80 842	1 030	1 251	37 100	209 988	127 002	344 495	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....	—	6	3	327	24 162	162	366	8 071	79 785	43 089	121 871	D
334514	Totalizing fluid meter and counting device manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	—	20	9	3 859	308 742	967	1 558	59 852	494 472	298 256	812 946	36 552
335	Electrical equipment, appliance, and component manufacturing .....	1	53	17	2 204	95 727	1 320	2 741	41 487	217 937	224 553	449 838	D
3351	Electric lighting equipment manufacturing .....	1	11	5	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	1	9	4	e	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	3	21	6	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	3	21	6	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	18	6	1 329	66 953	732	1 606	26 565	125 209	154 159	288 404	D
33591	Battery manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing .....	—	9	2	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	8	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA—Con.</b>													
336	Transportation equipment manufacturing .....	—	124	36	6 722	291 424	5 316	10 230	213 384	673 392	936 773	1 618 170	31 717
3361	Motor vehicle manufacturing .....	—	5	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	—	3	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	—	3	1	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	1	19	7	827	24 034	682	1 360	16 293	45 562	75 886	120 809	D
33621	Motor vehicle body and trailer manufacturing .....	1	19	7	827	24 034	682	1 360	16 293	45 562	75 886	120 809	D
336212	Truck trailer manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing .....	—	10	4	479	13 305	408	821	8 944	25 786	43 098	68 365	D
3363	Motor vehicle parts manufacturing .....	1	49	16	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	—	7	3	331	15 886	163	336	7 303	40 734	28 906	69 261	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	—	7	3	331	15 886	163	336	7 303	40 734	28 906	69 261	D
33635	Motor vehicle transmission and power train parts manufacturing .....	—	6	2	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	6	2	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	2	17	9	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	2	17	9	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	—	14	3	1 517	98 415	1 099	2 485	72 269	276 135	61 109	348 705	D
33641	Aerospace product and parts manufacturing .....	—	14	3	1 517	98 415	1 099	2 485	72 269	276 135	61 109	348 705	D
336413	Other aircraft parts and auxiliary equipment manufacturing .....	—	11	3	g	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	1	20	5	519	21 170	421	897	15 509	34 208	20 357	54 565	2 716
33661	Ship and boat building .....	1	20	5	519	21 170	421	897	15 509	34 208	20 357	54 565	2 716
336611	Ship building and repairing ..	1	13	4	e	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing .....	1	16	3	e	D	D	D	D	D	D	D	1 505
33699	Other transportation equipment manufacturing .....	1	16	3	e	D	D	D	D	D	D	D	1 505
336999	All other transportation equipment manufacturing ..	1	9	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	252	52	4 366	131 698	3 358	6 558	83 913	326 991	218 194	544 768	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	197	32	2 936	79 932	2 359	4 584	56 165	190 297	140 986	331 183	D
33711	Wood kitchen cabinet and countertop manufacturing ....	1	123	16	1 499	44 744	1 149	2 303	30 403	106 371	64 821	171 408	3 527
337110	Wood kitchen cabinet and countertop manufacturing ..	1	123	16	1 499	44 744	1 149	2 303	30 403	106 371	64 821	171 408	3 527
33712	Household and institutional furniture manufacturing .....	2	74	16	1 437	35 188	1 210	2 281	25 762	83 926	76 165	159 775	D
337121	Upholstered household furniture manufacturing ....	2	31	10	874	20 593	720	1 379	13 889	42 382	46 351	88 208	D
337122	Nonupholstered wood household furniture manufacturing .....	2	32	5	417	9 730	372	664	8 060	21 967	22 111	44 208	D
3372	Office furniture (including fixtures) manufacturing .....	1	47	15	g	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	1	47	15	g	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing .....	—	22	9	732	27 855	502	949	14 507	66 862	26 385	92 761	D
337215	Showcase, partition, shelving, and locker manufacturing .....	3	20	5	252	7 823	180	349	4 413	16 132	9 517	25 544	D

See footnotes at end of table.

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<b>PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing—Con.												
3379	Other furniture related product manufacturing .....	—	8	5	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	2	'338	'59	'6 278	'226 510	'4 183	'7 971	'113 188	'569 003	'287 217	'854 228	'28 930
3391	Medical equipment and supplies manufacturing .....	2	136	26	3 061	124 939	1 979	3 817	59 601	304 390	121 048	423 707	20 038
33911	Medical equipment and supplies manufacturing .....	2	136	26	3 061	124 939	1 979	3 817	59 601	304 390	121 048	423 707	20 038
339111	Laboratory apparatus and furniture manufacturing ....	—	7	2	255	8 916	191	414	4 731	16 421	13 054	29 079	686
339112	Surgical and medical instrument manufacturing ..	2	15	3	297	14 193	145	293	5 349	44 309	12 008	55 365	4 405
339113	Surgical appliance and supplies manufacturing ....	5	13	4	267	9 756	196	327	4 847	22 203	17 255	39 234	1 236
339114	Dental equipment and supplies manufacturing ....	1	22	7	1 316	65 510	752	1 608	26 074	170 558	63 448	233 750	11 951
339116	Dental laboratories .....	5	72	7	772	21 831	565	993	15 393	39 758	8 477	48 330	1 333
3399	Other miscellaneous manufacturing .....	2	'202	'33	'3 217	'101 571	'2 204	'4 154	'53 587	'264 613	'166 169	'430 521	'8 892
33992	Sporting and athletic goods manufacturing .....	3	35	7	511	17 149	284	528	7 206	44 661	32 300	77 708	1 745
339920	Sporting and athletic goods manufacturing .....	3	35	7	511	17 149	284	528	7 206	44 661	32 300	77 708	1 745
33994	Office supplies (except paper) manufacturing .....	5	13	4	e	D	D	D	D	D	D	D	D
33995	Sign manufacturing .....	—	'58	'8	'684	'24 087	'462	'916	'13 608	'44 366	'32 065	'78 308	'2 219
339950	Sign manufacturing .....	—	'58	'8	'684	'24 087	'462	'916	'13 608	'44 366	'32 065	'78 308	'2 219
33999	All other miscellaneous manufacturing .....	2	68	12	1 535	46 847	1 111	2 068	25 337	136 931	65 826	199 508	3 737
339994	Broom, brush, and mop manufacturing .....	2	4	3	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing .....	3	45	6	428	12 228	284	521	6 491	23 807	16 822	40 530	1 079
<b>ROSEBURG, OR MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	139	45	6 070	209 405	5 117	10 291	159 251	417 251	853 203	1 266 593	30 297
321	Wood product manufacturing .....	—	35	25	4 303	151 054	3 843	7 943	126 501	255 811	712 199	965 837	23 235
3211	Sawmills and wood preservation .	—	15	12	1 575	60 347	1 350	2 841	47 406	125 279	308 740	435 077	13 444
32111	Sawmills and wood preservation .....	—	15	12	1 575	60 347	1 350	2 841	47 406	125 279	308 740	435 077	13 444
321113	Sawmills .....	—	15	12	1 575	60 347	1 350	2 841	47 406	125 279	308 740	435 077	13 444
3212	Veneer, plywood, and engineered wood product manufacturing....	—	8	8	g	D	D	D	D	D	D	D	9 159
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	8	8	g	D	D	D	D	D	D	D	9 159
321211	Hardwood veneer and plywood manufacturing ....	—	1	1	f	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing ....	—	3	3	g	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	2	12	5	e	D	D	D	D	D	D	D	632
336	Transportation equipment manufacturing .....	—	10	5	515	13 960	476	967	12 294	41 577	46 052	84 739	1 291
3366	Ship and boat building .....	—	2	2	e	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	—	2	2	e	D	D	D	D	D	D	D	D
336612	Boat building .....	—	1	1	e	D	D	D	D	D	D	D	D
<b>SALEM, OR METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	3	438	135	13 200	423 179	10 124	19 477	268 147	1 311 350	1 196 569	2 486 387	71 048

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SALEM, OR METROPOLITAN STATISTICAL AREA—Con.</b>													
311	Food manufacturing .....	4	51	25	4 168	110 009	3 508	6 858	79 312	614 534	355 237	930 133	22 075
3114	Fruit and vegetable preserving and specialty food manufacturing .....	5	17	14	3 367	86 213	2 896	5 707	63 487	533 012	260 895	754 810	14 032
31141	Frozen food manufacturing ....	5	10	8	2 301	62 779	1 959	4 045	46 434	421 656	217 839	600 479	12 482
311411	Frozen fruit, juice, and vegetable manufacturing ...	5	10	8	2 301	62 779	1 959	4 045	46 434	421 656	217 839	600 479	12 482
31142	Fruit and vegetable canning, pickling, and drying .....	8	7	6	1 066	23 434	937	1 662	17 053	111 356	43 056	154 331	1 550
311421	Fruit and vegetable canning ..	9	5	4	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing .....	—	6	4	295	9 735	233	516	5 138	34 465	27 516	61 964	D
31191	Snack food manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	8	4	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	—	7	4	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	47	25	2 020	63 203	1 613	3 176	45 608	120 487	247 118	370 496	6 254
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	7	6	386	12 042	309	598	9 045	37 082	68 959	108 541	2 564
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	7	6	386	12 042	309	598	9 045	37 082	68 959	108 541	2 564
3219	Other wood product manufacturing .....	2	34	16	1 446	43 372	1 138	2 201	30 030	75 888	113 596	189 240	2 752
32191	Millwork .....	2	16	9	462	11 534	373	728	8 517	21 443	49 826	70 976	1 557
321912	Cut stock, resawing lumber, and planing .....	1	7	5	253	6 260	192	367	4 469	11 937	39 980	51 562	479
32199	All other wood product manufacturing .....	2	13	7	942	30 973	728	1 410	20 861	52 687	62 788	115 509	1 165
321991	Manufactured home (mobile home) manufacturing .....	2	6	6	829	27 145	653	1 261	18 519	47 851	53 580	101 465	D
323	Printing and related support activities .....	1	33	5	366	12 438	289	505	9 076	30 911	20 823	51 745	5 804
3231	Printing and related support activities .....	1	33	5	366	12 438	289	505	9 076	30 911	20 823	51 745	5 804
32311	Printing .....	1	32	5	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	2	12	9	381	17 070	222	483	8 009	57 421	65 553	122 565	1 620
326	Plastics and rubber products manufacturing .....	1	18	6	756	20 905	643	1 394	16 221	51 611	46 607	98 334	3 145
3261	Plastics product manufacturing ..	1	16	6	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	1	11	4	663	18 060	556	1 198	13 685	44 026	42 021	85 895	D
326199	All other plastics product manufacturing .....	—	7	2	f	D	D	D	D	D	D	D	1 170
332	Fabricated metal product manufacturing .....	2	81	20	1 386	46 847	993	1 778	26 800	119 957	127 344	252 175	6 574
3323	Architectural and structural metals manufacturing .....	—	36	11	814	27 660	553	997	15 213	60 978	83 025	147 835	2 971
33231	Plate work and fabricated structural product manufacturing .....	1	19	4	294	10 431	186	368	5 548	20 442	35 704	57 027	1 055
33232	Ornamental and architectural metal products manufacturing .....	—	17	7	520	17 229	367	629	9 665	40 536	47 321	90 808	1 916
332322	Sheet metal work manufacturing .....	—	10	5	389	13 641	280	497	8 032	33 497	40 447	76 481	809
333	Machinery manufacturing .....	2	36	9	540	19 820	351	690	11 055	41 734	29 440	71 868	1 743
334	Computer and electronic product manufacturing .....	—	15	7	1 611	71 724	1 110	2 195	36 321	136 379	115 008	265 124	12 758
3344	Semiconductor and other electronic component manufacturing .....	—	6	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	6	4	g	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	3	40	4	309	9 706	209	395	5 315	20 085	13 278	31 281	1 143

See footnotes at end of table.



## Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data 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>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 250 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 250 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: e–250 to 499 employees; f–500 to 999 employees; g–1,000 to 2,499 employees; h–2,500 to 4,999 employees; i–5,000 to 9,999 employees; j–10,000 to 24,999 employees; k–25,000 to 49,999 employees; l–50,000 to 99,999 employees; m–100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

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 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. Industry Statistics for Counties: 2002**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BAKER</b>													
31-33	Manufacturing .....	-	22	6	560	16 958	482	859	13 731	44 437	72 953	118 657	2 439
<b>BENTON</b>													
31-33	Manufacturing .....	-	103	19	5 963	329 240	2 907	5 990	198 184	270 924	299 011	581 738	20 731
334	Computer and electronic product manufacturing .....	-	11	4	4 617	282 266	1 902	3 945	167 076	182 918	181 367	364 915	D
3341	Computer and peripheral equipment manufacturing .....	-	4	2	h	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	-	4	2	h	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	-	3	2	h	D	D	D	D	D	D	D	D
<b>CLACKAMAS</b>													
31-33	Manufacturing .....	1	588	150	17 809	746 726	11 287	21 577	359 625	2 036 297	1 850 137	3 885 737	142 596
311	Food manufacturing .....	5	31	12	f	D	D	D	D	D	D	D	6 311
321	Wood product manufacturing .....	2	35	13	1 231	37 437	1 041	2 081	28 823	89 511	161 364	248 999	2 696
3211	Sawmills and wood preservation .	1	10	5	611	18 538	577	1 180	16 835	43 658	103 568	148 847	1 611
32111	Sawmills and wood preservation .....	1	10	5	611	18 538	577	1 180	16 835	43 658	103 568	148 847	1 611
321113	Sawmills .....	1	10	5	611	18 538	577	1 180	16 835	43 658	103 568	148 847	1 611
3219	Other wood product manufacturing .....	5	22	6	512	15 563	391	744	10 115	37 459	48 615	82 648	D
322	Paper manufacturing .....	-	8	5	688	33 819	532	1 119	23 743	97 401	196 398	292 177	D
3221	Pulp, paper, and paperboard mills .....	-	2	2	f	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	24	11	848	28 239	650	1 283	17 219	70 713	58 406	127 954	1 650
3261	Plastics product manufacturing ..	-	21	9	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	2	24	5	f	D	D	D	D	D	D	D	3 741
331	Primary metal manufacturing .....	-	10	5	1 127	42 948	900	1 803	29 897	118 805	44 688	165 528	2 316
3315	Foundries .....	-	9	5	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	-	5	3	f	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	154	26	2 688	115 305	1 830	3 939	63 090	421 751	137 830	564 563	18 236
3322	Cutlery and handtool manufacturing .....	-	6	2	g	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	-	6	2	g	D	D	D	D	D	D	D	D
332213	Saw blade and handsaw manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	-	36	5	562	24 639	380	774	14 134	49 552	42 955	91 377	3 890
333	Machinery manufacturing .....	2	53	16	1 630	67 824	1 060	1 920	37 128	196 903	138 337	332 951	9 310
3339	Other general purpose machinery manufacturing .....	1	20	9	1 018	42 290	669	1 184	22 177	128 767	96 128	221 836	6 176
334	Computer and electronic product manufacturing .....	-	29	17	h	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing .....	-	2	2	h	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	-	2	2	h	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	-	2	2	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	11	6	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	11	6	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	10	6	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	10	6	g	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	-	2	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CLACKAMAS—Con.</b>													
336	Transportation equipment manufacturing .....	2	25	6	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	54	6	626	16 050	525	991	12 111	31 520	27 899	59 611	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	46	4	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	1	56	12	f	D	D	D	D	D	D	D	2 787
3399	Other miscellaneous manufacturing .....	1	33	8	f	D	D	D	D	D	D	D	D
<b>CLATSOP</b>													
31-33	Manufacturing .....	-	48	12	840	24 355	659	1 210	16 789	62 620	102 787	166 400	1 833
<b>COLUMBIA</b>													
31-33	Manufacturing .....	-	51	20	2 855	134 394	2 282	4 724	99 549	510 945	464 882	973 935	25 007
321	Wood product manufacturing .....	-	11	8	f	D	D	D	D	D	D	D	2 033
322	Paper manufacturing .....	-	4	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	2	2	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	2	2	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	2	2	g	D	D	D	D	D	D	D	D
<b>COOS</b>													
31-33	Manufacturing .....	1	76	13	1 534	51 671	1 268	2 604	40 798	116 405	234 521	350 160	5 090
321	Wood product manufacturing .....	-	18	7	802	27 202	711	1 508	23 639	45 586	150 818	195 271	2 025
<b>CROOK</b>													
31-33	Manufacturing .....	1	26	7	1 393	33 890	1 217	2 346	27 358	84 028	112 866	195 231	3 388
321	Wood product manufacturing .....	-	9	5	1 192	27 396	1 050	2 038	22 740	68 822	93 965	161 063	3 126
3219	Other wood product manufacturing .....	-	7	4	g	D	D	D	D	D	D	D	D
32191	Millwork .....	-	5	4	g	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>CURRY</b>													
31-33	Manufacturing .....	-	29	3	640	25 349	550	1 244	19 519	42 566	88 157	132 182	D
<b>DESCHUTES</b>													
31-33	Manufacturing .....	1	245	52	5 053	155 814	3 898	7 036	97 788	365 085	343 247	699 061	14 745
321	Wood product manufacturing .....	-	27	18	1 884	47 566	1 642	2 626	36 451	100 655	147 768	245 344	5 107
3219	Other wood product manufacturing .....	-	19	14	1 656	40 713	1 450	2 389	31 560	91 214	133 725	220 847	4 360
32191	Millwork .....	-	14	11	1 447	34 637	1 293	2 077	27 498	78 753	123 255	197 880	3 599
321911	Wood window and door manufacturing .....	-	6	6	898	24 737	783	1 395	19 208	62 561	73 273	132 361	2 537
336	Transportation equipment manufacturing .....	1	17	3	797	24 247	680	1 401	18 081	57 047	67 665	118 528	1 338
3362	Motor vehicle body and trailer manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
<b>DOUGLAS</b>													
31-33	Manufacturing .....	-	139	45	6 070	209 405	5 117	10 291	159 251	417 251	853 203	1 266 593	30 297
321	Wood product manufacturing .....	-	35	25	4 303	151 054	3 843	7 943	126 501	255 811	712 199	965 837	23 235
3211	Sawmills and wood preservation .....	-	15	12	1 575	60 347	1 350	2 841	47 406	125 279	308 740	435 077	13 444
32111	Sawmills and wood preservation .....	-	15	12	1 575	60 347	1 350	2 841	47 406	125 279	308 740	435 077	13 444
321113	Sawmills .....	-	15	12	1 575	60 347	1 350	2 841	47 406	125 279	308 740	435 077	13 444
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	8	8	g	D	D	D	D	D	D	D	9 159
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	8	8	g	D	D	D	D	D	D	D	9 159
321211	Hardwood veneer and plywood manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	10	5	515	13 960	476	967	12 294	41 577	46 052	84 739	1 291

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>HOOD RIVER</b>													
31-33	Manufacturing .....	2	54	13	f	D	D	D	D	D	D	D	1 586
<b>JACKSON</b>													
31-33	Manufacturing .....	—	310	71	6 552	221 758	5 120	10 159	159 976	811 621	884 038	1 687 676	30 955
321	Wood product manufacturing .....	—	140	21	2 869	95 233	2 511	5 050	79 676	232 155	535 932	763 070	5 766
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	15	12	1 750	61 391	1 541	3 139	52 166	176 676	395 731	569 815	4 235
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	15	12	1 750	61 391	1 541	3 139	52 166	176 676	395 731	569 815	4 235
321212	Softwood veneer and plywood manufacturing .....	—	8	6	1 010	35 500	908	1 972	31 848	64 564	214 571	278 736	D
3219	Other wood product manufacturing .....	—	21	7	1 011	28 406	889	1 731	23 767	47 819	88 459	131 862	654
32191	Millwork .....	—	8	6	842	24 251	759	1 504	21 218	38 081	79 984	113 659	491
325	Chemical manufacturing .....	—	11	5	f	D	D	D	D	D	D	D	D
<b>JEFFERSON</b>													
31-33	Manufacturing .....	—	22	6	1 699	49 777	1 379	2 938	38 893	60 392	214 179	274 103	4 280
321	Wood product manufacturing .....	—	4	1	g	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	—	3	1	g	D	D	D	D	D	D	D	D
32191	Millwork .....	—	2	1	g	D	D	D	D	D	D	D	D
321912	Cut stock, resawing lumber, and planing .....	—	1	1	g	D	D	D	D	D	D	D	D
<b>JOSEPHINE</b>													
31-33	Manufacturing .....	1	133	25	2 831	84 405	2 115	4 330	51 166	199 997	191 375	393 759	22 362
321	Wood product manufacturing .....	—	18	8	920	27 955	776	1 570	19 760	55 136	104 022	162 077	906
<b>KLAMATH</b>													
31-33	Manufacturing .....	—	71	22	2 500	85 219	2 105	4 371	64 568	293 640	296 628	590 913	18 758
321	Wood product manufacturing .....	—	14	9	1 414	53 301	1 252	2 641	44 082	166 388	208 090	373 085	5 542
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	6	5	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	6	5	f	D	D	D	D	D	D	D	D
<b>LANE</b>													
31-33	Manufacturing .....	1	612	160	19 296	720 717	13 832	27 000	442 383	2 393 189	2 361 840	4 751 919	163 328
311	Food manufacturing .....	7	53	12	1 183	39 377	722	1 395	21 979	189 141	115 161	303 835	7 016
3118	Bakeries and tortilla manufacturing .....	9	14	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	9	13	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	77	42	5 280	201 568	4 460	9 439	155 455	470 416	963 768	1 436 280	26 549
3211	Sawmills and wood preservation .....	—	21	15	1 863	83 783	1 556	3 455	63 278	246 370	472 020	720 556	12 160
32111	Sawmills and wood preservation .....	—	21	15	1 863	83 783	1 556	3 455	63 278	246 370	472 020	720 556	12 160
321113	Sawmills .....	—	17	11	1 660	77 369	1 405	3 152	59 293	218 919	418 063	642 402	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	25	20	3 023	106 192	2 601	5 386	84 584	190 885	460 817	652 533	13 821
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	25	20	3 023	106 192	2 601	5 386	84 584	190 885	460 817	652 533	13 821
321211	Hardwood veneer and plywood manufacturing .....	—	4	3	773	27 837	641	1 356	20 368	48 488	115 224	160 970	D
321212	Softwood veneer and plywood manufacturing .....	2	9	8	1 135	38 900	1 010	2 028	32 879	56 229	177 806	235 643	2 277
321213	Engineered wood member (except truss) manufacturing .....	—	5	5	821	27 273	727	1 552	22 719	66 346	125 103	192 294	9 155
323	Printing and related support activities .....	—	47	10	748	24 182	516	926	14 927	55 859	25 874	81 759	3 709
3231	Printing and related support activities .....	—	47	10	748	24 182	516	926	14 927	55 859	25 874	81 759	3 709
32311	Printing .....	—	43	10	736	23 941	509	917	14 768	55 340	25 685	81 051	D
325	Chemical manufacturing .....	1	21	8	767	37 744	466	837	16 911	193 333	146 969	338 767	8 239
332	Fabricated metal product manufacturing .....	3	93	18	1 293	47 101	1 000	1 875	32 360	100 629	67 248	166 981	5 712
333	Machinery manufacturing .....	3	48	20	1 210	54 025	765	1 571	27 057	91 733	94 234	190 278	4 765

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>LANE—Con.</b>													
334	Computer and electronic product manufacturing .....	—	13	7	1 767	74 520	907	1 213	21 259	575 592	165 721	722 659	38 917
3344	Semiconductor and other electronic component manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	27	9	3 435	113 298	2 641	4 887	77 615	302 158	432 481	750 062	7 442
3362	Motor vehicle body and trailer manufacturing .....	—	11	7	3 219	107 367	2 494	4 632	73 683	288 100	420 393	724 145	6 865
33621	Motor vehicle body and trailer manufacturing .....	—	11	7	3 219	107 367	2 494	4 632	73 683	288 100	420 393	724 145	6 865
336213	Motor home manufacturing ..	—	4	4	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	6	48	9	1 172	34 925	864	1 773	22 030	134 552	59 667	192 593	4 349
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	6	34	5	897	26 858	666	1 382	17 251	119 398	50 669	168 291	3 364
33712	Household and institutional furniture manufacturing .....	7	16	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	8	12	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	'2	'70	7	'695	'24 801	'433	'827	'12 679	'54 657	'24 261	'77 728	D
<b>LINCOLN</b>													
31-33	Manufacturing .....	1	56	4	949	43 795	665	1 398	24 335	194 619	203 848	397 136	5 309
<b>LINN</b>													
31-33	Manufacturing .....	—	182	65	8 328	334 562	6 493	13 043	235 925	953 390	882 606	1 829 786	76 268
311	Food manufacturing .....	—	17	5	943	25 426	797	1 541	21 096	67 618	94 409	161 371	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	36	24	2 482	83 460	2 066	4 180	63 673	175 390	378 189	549 595	9 301
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	12	11	1 229	43 128	1 060	2 185	34 093	93 577	198 147	288 948	5 495
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	12	11	1 229	43 128	1 060	2 185	34 093	93 577	198 147	288 948	5 495
321212	Softwood veneer and plywood manufacturing .....	—	4	4	671	20 460	574	1 087	14 928	36 276	104 543	138 777	D
3219	Other wood product manufacturing .....	—	13	7	768	21 327	585	1 081	14 372	50 739	49 870	99 236	1 458
32199	All other wood product manufacturing .....	—	5	4	645	18 013	494	924	12 487	41 839	41 708	82 339	1 155
321991	Manufactured home (mobile home) manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	—	3	3	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	7	5	g	D	D	D	D	D	D	D	12 920
3314	Nonferrous metal (except aluminum) production and processing .....	—	2	2	g	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	—	2	2	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	—	2	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>MALHEUR</b>													
31-33	Manufacturing .....	-	28	2	g	D	D	D	D	D	D	D	
311	Food manufacturing .....	-	5	2	g	D	D	D	D	D	D	D	
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	
31141	Frozen food manufacturing ....	-	1	1	g	D	D	D	D	D	D	D	
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	1	1	g	D	D	D	D	D	D	D	
<b>MARION</b>													
31-33	Manufacturing .....	3	378	113	11 388	364 514	8 735	16 700	229 963	1 173 708	1 033 925	2 185 182	61 568
311	Food manufacturing .....	4	46	22	h	D	D	D	D	D	D	D	
3114	Fruit and vegetable preserving and specialty food manufacturing .....	6	14	11	h	D	D	D	D	D	D	D	
31141	Frozen food manufacturing ....	5	9	7	g	D	D	D	D	D	D	D	
311411	Frozen fruit, juice, and vegetable manufacturing ...	5	9	7	g	D	D	D	D	D	D	D	
31142	Fruit and vegetable canning, pickling, and drying .....	9	5	4	f	D	D	D	D	D	D	D	
311421	Fruit and vegetable canning .	9	4	3	f	D	D	D	D	D	D	D	
321	Wood product manufacturing .....	1	37	18	1 671	50 084	1 327	2 554	35 429	103 114	155 966	261 176	4 086
3219	Other wood product manufacturing .....	2	28	13	g	D	D	D	D	D	D	D	
32199	All other wood product manufacturing .....	2	12	7	f	D	D	D	D	D	D	D	
321991	Manufactured home (mobile home) manufacturing .....	2	6	6	829	27 145	653	1 261	18 519	47 851	53 580	101 465	D
326	Plastics and rubber products manufacturing .....	-	15	5	f	D	D	D	D	D	D	D	
3261	Plastics product manufacturing ..	-	13	5	f	D	D	D	D	D	D	D	
32619	Other plastics product manufacturing .....	-	9	3	f	D	D	D	D	D	D	D	
326199	All other plastics product manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	
332	Fabricated metal product manufacturing .....	2	70	18	1 243	41 561	880	1 594	23 212	109 995	122 913	237 774	5 493
3323	Architectural and structural metals manufacturing .....	-	30	10	f	D	D	D	D	D	D	D	
334	Computer and electronic product manufacturing .....	-	13	6	g	D	D	D	D	D	D	D	
3344	Semiconductor and other electronic component manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	
33441	Semiconductor and other electronic component manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	
334413	Semiconductor and related device manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	
<b>MORROW</b>													
31-33	Manufacturing .....	-	8	5	f	D	D	D	D	D	D	D	
311	Food manufacturing .....	-	5	5	f	D	D	D	D	D	D	D	
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	4	4	f	D	D	D	D	D	D	D	
31141	Frozen food manufacturing ....	-	2	2	f	D	D	D	D	D	D	D	
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	2	2	f	D	D	D	D	D	D	D	
<b>MULTNOMAH</b>													
31-33	Manufacturing .....	1	'1 220	318	'36 442	'1 404 238	'25 923	'50 502	'900 825	'4 015 118	'3 705 318	'7 695 385	'245 340

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>MULTNOMAH—Con.</b>													
311	Food manufacturing .....	—	97	35	4 290	144 428	2 517	5 047	80 939	747 250	579 454	1 319 874	44 415
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	8	6	781	23 330	602	1 237	14 066	105 064	86 726	186 494	20 372
3115	Dairy product manufacturing .....	—	6	5	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	—	45	13	1 857	56 515	1 022	1 929	37 058	284 230	144 719	428 057	7 577
31181	Bread and bakery product manufacturing .....	—	38	11	g	D	D	D	D	D	D	D	6 030
311812	Commercial bakeries .....	—	17	8	g	D	D	D	D	D	D	D	5 211
3119	Other food manufacturing .....	—	20	5	786	31 867	312	609	10 302	205 221	99 410	304 136	7 765
31192	Coffee and tea manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	2	24	7	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	1	20	7	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	16	10	1 026	40 321	761	1 589	27 090	100 489	147 290	243 526	D
3222	Converted paper product manufacturing .....	—	16	10	1 026	40 321	761	1 589	27 090	100 489	147 290	243 526	D
323	Printing and related support activities .....	1	205	42	3 595	135 243	2 648	5 060	86 580	288 963	211 435	500 084	D
3231	Printing and related support activities .....	1	205	42	3 595	135 243	2 648	5 060	86 580	288 963	211 435	500 084	D
32311	Printing .....	1	171	31	3 042	113 429	2 235	4 283	72 917	252 875	198 754	450 991	D
323110	Commercial lithographic printing .....	—	84	14	g	D	D	D	D	D	D	D	D
32312	Support activities for printing .....	1	34	11	553	21 814	413	777	13 663	36 088	12 681	49 093	3 247
325	Chemical manufacturing .....	3	52	11	805	35 680	505	946	16 844	119 711	107 317	225 886	D
326	Plastics and rubber products manufacturing .....	—	31	13	1 283	36 422	950	1 753	21 090	107 365	87 867	195 042	4 109
3261	Plastics product manufacturing .....	—	21	7	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	—	15	5	f	D	D	D	D	D	D	D	2 814
326199	All other plastics product manufacturing .....	—	15	5	f	D	D	D	D	D	D	D	2 814
327	Nonmetallic mineral product manufacturing .....	1	46	12	1 093	42 781	844	1 644	30 766	128 768	67 142	199 161	15 039
331	Primary metal manufacturing .....	—	23	10	3 600	145 610	2 594	5 037	85 592	404 193	497 589	897 518	16 167
3311	Iron and steel mills and ferroalloy manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	—	6	4	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing .....	—	6	4	f	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
3315	Foundries .....	—	13	3	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	—	4	2	f	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment) .....	—	2	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries .....	—	9	1	g	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries .....	—	2	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	216	62	4 359	159 566	3 260	6 572	104 602	378 093	262 111	642 493	28 758
3323	Architectural and structural metals manufacturing .....	1	50	13	838	31 884	599	1 243	20 408	73 346	60 085	131 850	3 763
33232	Ornamental and architectural metal products manufacturing .....	1	31	8	529	20 517	378	809	13 306	49 558	38 052	86 562	2 500
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	80	15	f	D	D	D	D	D	D	D	15 755
33271	Machine shops .....	1	70	12	823	29 606	617	1 235	19 825	52 358	30 554	84 387	D
332710	Machine shops .....	1	70	12	823	29 606	617	1 235	19 825	52 358	30 554	84 387	D

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>MULTNOMAH—Con.</b>													
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities .....	3	28	10	550	18 427	445	907	12 986	39 775	15 130	54 922	1 763
33281	Coating, engraving, heat treating, and allied activities ..	3	28	10	550	18 427	445	907	12 986	39 775	15 130	54 922	1 763
333	Machinery manufacturing .....	—	71	22	1 810	84 690	941	1 719	37 398	147 128	192 824	341 889	D
3332	Industrial machinery manufacturing .....	2	20	8	518	22 335	223	404	8 940	35 893	29 429	64 166	2 181
3339	Other general purpose machinery manufacturing .....	—	18	3	f	D	D	D	D	D	D	D	3 723
334	Computer and electronic product manufacturing .....	—	40	11	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	12	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	12	3	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	—	6	3	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	53	19	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	1	22	5	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	—	4	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	—	4	3	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	88	19	1 573	53 890	1 136	2 223	31 678	132 542	79 427	211 244	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	60	7	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	—	25	10	739	28 558	496	953	15 124	71 596	28 969	100 017	2 724
33721	Office furniture (including fixtures) manufacturing .....	—	25	10	739	28 558	496	953	15 124	71 596	28 969	100 017	2 724
337212	Custom architectural woodwork and millwork manufacturing .....	—	12	7	605	24 296	397	765	12 450	59 916	22 042	81 431	D
339	Miscellaneous manufacturing .....	3	147	22	g	D	D	D	D	D	D	D	5 173
3391	Medical equipment and supplies manufacturing .....	4	48	8	f	D	D	D	D	D	D	D	1 600
33911	Medical equipment and supplies manufacturing .....	4	48	8	f	D	D	D	D	D	D	D	1 600
339116	Dental laboratories .....	5	30	5	f	D	D	D	D	D	D	D	1 001
3399	Other miscellaneous manufacturing .....	3	99	14	g	D	D	D	D	D	D	D	3 573
33999	All other miscellaneous manufacturing .....	3	32	6	963	27 657	767	1 463	17 449	97 222	45 309	138 827	1 909
339994	Broom, brush, and mop manufacturing .....	2	4	3	f	D	D	D	D	D	D	D	D
<b>POLK</b>													
31-33	Manufacturing .....	1	60	22	1 812	58 665	1 389	2 777	38 184	137 642	162 644	301 205	9 480
<b>TILLAMOOK</b>													
31-33	Manufacturing .....	—	22	8	1 298	43 499	1 075	2 191	30 674	151 736	322 097	469 448	4 623
311	Food manufacturing .....	—	8	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.



**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>UMATILLA</b>													
31-33	Manufacturing .....	3	76	25	h	D	D	D	D	D	D	D	D
311	Food manufacturing .....	4	23	13	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	6	9	8	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	5	6	6	g	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	5	6	6	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	7	3	539	15 749	454	769	11 821	25 637	61 729	86 449	958
336	Transportation equipment manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>UNION</b>													
31-33	Manufacturing .....	-	31	8	1 366	46 173	1 181	2 323	34 726	97 439	180 078	275 300	6 203
321	Wood product manufacturing .....	-	7	4	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	5	3	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	3	3	541	17 448	463	958	11 232	34 207	59 425	92 149	D
33621	Motor vehicle body and trailer manufacturing .....	-	3	3	541	17 448	463	958	11 232	34 207	59 425	92 149	D
336214	Travel trailer and camper manufacturing .....	-	3	3	541	17 448	463	958	11 232	34 207	59 425	92 149	D
<b>WASHINGTON</b>													
31-33	Manufacturing .....	-	763	255	33 506	1 529 404	20 321	38 360	686 954	10 436 863	2 948 477	13 289 807	261 813
311	Food manufacturing .....	4	29	13	1 563	47 643	1 122	2 271	29 101	394 127	161 790	557 645	19 734
3118	Bakeries and tortilla manufacturing .....	8	8	4	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	9	6	3	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing .....	-	8	4	508	14 931	403	870	9 017	67 466	71 552	138 856	D
321	Wood product manufacturing .....	3	29	17	1 621	50 316	1 363	2 712	37 551	125 415	200 327	325 544	8 985
3219	Other wood product manufacturing .....	6	18	10	964	26 070	799	1 516	17 881	64 041	92 556	156 414	4 601
32191	Millwork .....	6	10	7	824	22 568	687	1 309	15 849	57 172	83 568	140 733	D
322	Paper manufacturing .....	1	11	6	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	1	10	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	73	19	1 402	48 252	993	1 823	28 933	116 509	67 775	183 307	10 859
3231	Printing and related support activities .....	2	73	19	1 402	48 252	993	1 823	28 933	116 509	67 775	183 307	10 859
32311	Printing .....	2	70	19	1 386	47 832	980	1 801	28 611	115 491	67 617	182 087	D
323110	Commercial lithographic printing .....	1	27	11	565	21 414	351	658	11 979	38 792	25 213	63 932	1 549
326	Plastics and rubber products manufacturing .....	2	38	16	1 833	59 243	1 310	2 534	31 930	154 687	102 942	256 445	6 889
3261	Plastics product manufacturing ..	2	33	15	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	26	12	1 516	49 374	1 105	2 097	26 435	127 680	73 678	201 680	D
326199	All other plastics product manufacturing .....	2	25	12	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	154	40	3 397	129 108	2 415	4 815	77 225	287 374	201 119	485 376	13 794
3323	Architectural and structural metals manufacturing .....	1	42	14	1 148	43 220	814	1 638	26 702	84 538	60 795	143 101	D
33232	Ornamental and architectural metal products manufacturing .....	1	27	13	922	33 494	647	1 281	20 614	71 893	28 387	97 477	2 607
332322	Sheet metal work manufacturing .....	1	20	10	617	22 454	424	793	13 769	46 821	20 293	65 495	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	1	69	11	711	28 354	534	1 056	18 290	56 416	20 369	76 719	2 577
33271	Machine shops .....	1	64	9	633	25 018	470	918	15 934	49 914	18 400	68 169	2 264
332710	Machine shops .....	1	64	9	633	25 018	470	918	15 934	49 914	18 400	68 169	2 264

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>WASHINGTON—Con.</b>													
333	Machinery manufacturing .....	3	57	22	2 723	108 307	1 626	3 091	51 450	307 538	223 589	497 283	16 883
3332	Industrial machinery manufacturing .....	6	19	9	1 306	48 349	679	1 100	19 351	177 772	134 852	287 587	11 135
33329	Other industrial machinery manufacturing .....	6	17	8	g	D	D	D	D	D	D	D	D
333295	Semiconductor machinery manufacturing .....	6	4	3	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing .....	—	7	4	665	28 138	489	1 008	16 458	74 969	27 523	102 244	2 171
33331	Commercial and service industry machinery manufacturing .....	—	7	4	665	28 138	489	1 008	16 458	74 969	27 523	102 244	2 171
333314	Optical instrument and lens manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	106	51	14 174	825 239	7 088	12 426	299 946	8 443 415	1 424 926	9 799 428	142 521
3341	Computer and peripheral equipment manufacturing .....	2	17	6	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	2	17	6	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	1	11	7	2 284	72 547	1 241	1 880	37 916	224 531	173 712	396 266	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	1	4	3	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	1	4	3	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing ....	—	5	3	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	5	3	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	41	23	i	D	D	D	D	D	D	D	44 409
33441	Semiconductor and other electronic component manufacturing .....	—	41	23	i	D	D	D	D	D	D	D	44 409
334412	Bare printed circuit board manufacturing .....	—	8	3	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	—	11	8	h	D	D	D	D	D	D	D	28 731
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	—	30	13	h	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	30	13	h	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	—	15	8	3 811	306 259	939	1 496	59 043	489 025	295 219	804 462	D
335	Electrical equipment, appliance, and component manufacturing .....	1	19	8	1 272	64 806	641	1 390	23 033	100 404	114 270	223 614	D
3359	Other electrical equipment and component manufacturing .....	—	9	5	g	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	4	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	1	27	6	685	30 722	407	830	16 984	80 129	66 632	145 753	1 530
3363	Motor vehicle parts manufacturing .....	—	12	5	f	D	D	D	D	D	D	D	1 214
337	Furniture and related product manufacturing .....	1	56	19	1 595	43 273	1 250	2 504	28 215	117 556	90 109	207 694	3 475
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	46	15	1 322	34 949	1 055	2 131	24 077	94 753	73 288	167 750	D
33711	Wood kitchen cabinet and countertop manufacturing ....	1	27	6	657	18 713	496	1 044	12 836	57 867	40 171	98 105	1 706
337110	Wood kitchen cabinet and countertop manufacturing ..	1	27	6	657	18 713	496	1 044	12 836	57 867	40 171	98 105	1 706
33712	Household and institutional furniture manufacturing .....	2	19	9	665	16 236	559	1 087	11 241	36 886	33 117	69 645	D
337121	Upholstered household furniture manufacturing ....	2	12	7	597	14 528	501	971	9 846	31 340	30 188	61 247	1 394

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>WASHINGTON—Con.</b>													
339	Miscellaneous manufacturing . . . . .	2	80	15	g	D	D	D	D	D	D	7 614	
3391	Medical equipment and supplies manufacturing . . . . .	2	38	7	f	D	D	D	D	D	D	D	
33911	Medical equipment and supplies manufacturing . . . . .	2	38	7	f	D	D	D	D	D	D	D	
3399	Other miscellaneous manufacturing . . . . .	2	42	8	f	D	D	D	D	D	D	D	
<b>YAMHILL</b>													
31-33	Manufacturing . . . . .	—	177	50	5 438	225 556	3 656	7 306	128 007	578 773	705 659	1 301 542	56 822
321	Wood product manufacturing . . . . .	—	18	8	795	30 410	656	1 400	22 698	72 587	173 101	245 522	3 331
339	Miscellaneous manufacturing . . . . .	1	14	5	1 240	61 787	673	1 436	23 096	162 738	57 438	220 096	D
3391	Medical equipment and supplies manufacturing . . . . .	1	9	3	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing . . . . .	1	9	3	g	D	D	D	D	D	D	D	D
339114	Dental equipment and supplies manufacturing . . . . .	1	5	3	g	D	D	D	D	D	D	D	D

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data 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>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 500 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 500 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: f—500 to 999 employees; g—1,000 to 2,499 employees; h—2,500 to 4,999 employees; i—5,000 to 9,999 employees; j—10,000 to 24,999 employees; k—25,000 to 49,999 employees; l—50,000 to 99,999 employees; m—100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

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 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. Industry Statistics for Places: 2002**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ALBANY</b>													
31-33	Manufacturing .....	-	65	19	2 216	77 010	1 771	3 462	56 837	157 898	182 257	338 881	11 924
311	Food manufacturing .....	-	9	4	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
<b>ASHLAND</b>													
31-33	Manufacturing .....	1	51	9	560	18 075	350	688	9 245	54 144	37 685	91 153	D
<b>BEAVERTON</b>													
31-33	Manufacturing .....	2	110	37	7 817	412 035	3 702	6 370	132 694	1 144 372	598 034	1 751 119	44 542
311	Food manufacturing .....	6	11	7	1 081	32 102	711	1 415	17 273	303 409	84 461	388 638	12 033
3118	Bakeries and tortilla manufacturing .....	8	6	4	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	9	5	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	6	3	602	20 236	444	877	11 503	77 023	21 807	99 208	D
3261	Plastics product manufacturing ..	-	5	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	9	4	939	36 289	650	972	18 202	116 337	63 127	154 979	D
3333	Commercial and service industry machinery manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
333314	Optical instrument and lens manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	22	11	3 960	284 145	974	1 507	59 658	560 281	339 589	931 016	20 236
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	8	6	3 390	260 198	692	934	50 475	462 356	262 032	756 079	16 204
33451	Navigational, measuring, electromedical, and control instruments manufacturing ..	-	8	6	3 390	260 198	692	934	50 475	462 356	262 032	756 079	16 204
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	-	6	5	h	D	D	D	D	D	D	D	D
<b>BEND</b>													
31-33	Manufacturing .....	1	136	33	3 420	110 598	2 626	4 978	69 140	265 197	234 776	490 832	11 397
321	Wood product manufacturing .....	1	14	10	1 242	33 542	1 068	1 870	25 229	77 632	89 771	165 667	3 654
3219	Other wood product manufacturing .....	1	10	8	1 106	29 488	952	1 718	22 417	72 630	80 135	149 810	3 238
32191	Millwork .....	-	7	6	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	5	5	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	1	10	2	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
<b>CANBY</b>													
31-33	Manufacturing .....	1	30	8	835	27 760	652	1 265	17 996	91 382	93 208	184 929	5 106
<b>CORVALLIS</b>													
31-33	Manufacturing .....	-	53	9	5 001	294 920	2 191	4 495	175 908	177 572	160 168	339 671	16 052
334	Computer and electronic product manufacturing .....	-	7	3	h	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing .....	-	2	1	h	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing .....	-	2	1	h	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	-	1	1	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>DALLAS</b>													
31-33	Manufacturing .....	-	12	5	660	24 562	510	980	16 134	45 953	92 968	138 753	D
<b>EUGENE</b>													
31-33	Manufacturing .....	2	313	81	8 633	314 919	5 779	10 770	164 919	1 246 628	777 326	1 990 162	72 245
311	Food manufacturing .....	6	32	7	840	26 536	462	865	12 974	95 752	67 757	163 047	4 941
3118	Bakeries and tortilla manufacturing .....	9	11	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	9	10	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	29	13	1 569	54 066	1 338	2 789	42 263	151 775	267 285	410 247	7 191
3212	Veneer, plywood, and engineered wood product manufacturing .....	2	10	7	1 157	40 375	1 021	2 154	33 366	102 714	183 212	282 088	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	2	10	7	1 157	40 375	1 021	2 154	33 366	102 714	183 212	282 088	D
321212	Softwood veneer and plywood manufacturing .....	5	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	32	8	590	19 777	409	732	12 016	41 693	19 631	61 415	3 222
3231	Printing and related support activities .....	1	32	8	590	19 777	409	732	12 016	41 693	19 631	61 415	3 222
32311	Printing .....	1	31	8	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	13	38	10	662	21 778	542	983	15 322	145 543	31 456	176 648	3 385
333	Machinery manufacturing .....	4	29	15	790	36 518	460	949	16 268	65 460	69 744	133 913	3 616
334	Computer and electronic product manufacturing .....	-	9	5	1 357	60 401	651	691	14 486	538 619	150 108	669 941	D
3344	Semiconductor and other electronic component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	6	27	7	1 025	30 517	760	1 563	19 297	126 252	54 942	179 599	3 469
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	6	20	4	833	25 127	617	1 285	16 065	116 008	48 654	162 885	D
33712	Household and institutional furniture manufacturing .....	7	11	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	8	8	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	1	43	4	530	20 012	329	635	10 162	42 379	18 100	59 736	1 045
<b>FOREST GROVE</b>													
31-33	Manufacturing .....	2	39	15	2 107	74 349	1 572	2 247	41 180	149 638	110 404	255 740	12 600
334	Computer and electronic product manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
<b>GRANTS PASS</b>													
31-33	Manufacturing .....	-	71	17	1 872	54 423	1 518	3 286	38 911	128 337	137 088	267 324	D
321	Wood product manufacturing .....	-	7	5	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

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		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>GRESHAM</b>													
31-33	Manufacturing .....	-	75	27	4 822	255 355	3 470	7 539	180 672	837 341	263 045	1 077 744	69 999
311	Food manufacturing .....	-	6	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	4	1	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>HERMISTON</b>													
31-33	Manufacturing .....	-	14	5	672	18 237	534	1 011	12 759	40 436	43 061	83 620	958
<b>HILLSBORO</b>													
31-33	Manufacturing .....	2	163	51	6 776	296 082	3 938	7 140	122 845	779 381	628 269	1 389 467	97 976
332	Fabricated metal product manufacturing .....	5	43	9	741	27 339	569	1 099	17 526	54 478	32 106	85 442	2 398
333	Machinery manufacturing .....	8	14	5	738	30 190	334	745	12 394	120 236	85 039	205 087	4 296
3332	Industrial machinery manufacturing .....	8	5	3	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	8	5	3	f	D	D	D	D	D	D	D	D
333295	Semiconductor machinery manufacturing .....	8	2	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	28	14	h	D	D	D	D	D	D	D	82 443
3341	Computer and peripheral equipment manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	1	2	2	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	1	2	2	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	1	2	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	11	7	f	D	D	D	D	D	D	D	14 228
33441	Semiconductor and other electronic component manufacturing .....	-	11	7	f	D	D	D	D	D	D	D	14 228
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	8	3	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	8	3	f	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	-	4	2	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>JUNCTION CITY</b>													
31-33	Manufacturing .....	-	12	4	996	31 403	837	1 473	22 448	54 232	102 576	171 577	1 130
336	Transportation equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336213	Motor home manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
<b>KLAMATH FALLS</b>													
31-33	Manufacturing .....	-	30	9	855	29 273	676	1 351	19 374	136 330	70 752	207 496	14 707
<b>LAKE OSWEGO</b>													
31-33	Manufacturing .....	1	46	13	1 132	55 769	669	1 258	19 909	121 742	87 657	207 557	7 203
<b>LEBANON</b>													
31-33	Manufacturing .....	1	15	8	641	29 903	445	950	18 137	76 777	55 682	133 587	6 067
<b>MCMINNVILLE</b>													
31-33	Manufacturing .....	-	61	17	1 595	56 556	1 115	2 239	35 067	150 571	209 877	383 641	8 461
<b>MEDFORD</b>													
31-33	Manufacturing .....	1	73	15	1 476	50 617	1 174	2 272	38 029	131 454	137 833	269 246	5 704
321	Wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>MILWAUKIE</b>													
31-33	Manufacturing .....	-	45	11	1 806	78 016	1 241	2 692	40 554	364 267	87 389	451 166	12 816
332	Fabricated metal product manufacturing .....	-	16	5	g	D	D	D	D	D	D	D	11 024
3322	Cutlery and handtool manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
332213	Saw blade and handsaw manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
<b>NEWBERG</b>													
31-33	Manufacturing .....	-	47	16	2 318	116 458	1 430	2 877	58 462	251 254	241 919	493 756	34 299
339	Miscellaneous manufacturing .....	1	6	4	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	1	5	3	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	1	5	3	g	D	D	D	D	D	D	D	D
339114	Dental equipment and supplies manufacturing .....	1	3	3	g	D	D	D	D	D	D	D	D
<b>ONTARIO</b>													
31-33	Manufacturing .....	-	14	1	g	D	D	D	D	D	D	D	D
311	Food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>OREGON CITY</b>													
31-33	Manufacturing .....	-	43	9	891	37 059	627	1 353	22 499	65 836	109 100	176 473	D
<b>PENDLETON</b>													
31-33	Manufacturing .....	-	18	5	567	19 937	496	988	15 503	55 780	112 952	166 704	2 480

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>PORTLAND</b>													
31-33	Manufacturing .....	1	'1 099	280	'30 642	'1 111 866	'21 760	'41 573	'698 418	'3 109 033	'3 364 446	'6 469 224	'171 522
311	Food manufacturing .....	-	89	31	3 636	119 844	2 274	4 576	74 894	677 567	527 113	1 197 668	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing .....	-	6	5	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	41	13	1 838	56 192	1 012	1 915	36 905	283 626	144 397	427 131	7 558
31181	Bread and bakery product manufacturing .....	-	34	11	g	D	D	D	D	D	D	D	6 011
311812	Commercial bakeries .....	-	17	8	g	D	D	D	D	D	D	D	5 211
315	Apparel manufacturing .....	2	24	6	551	8 458	392	614	6 270	12 653	9 757	24 193	341
3152	Cut and sew apparel manufacturing .....	2	19	6	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	15	9	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	15	9	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	'192	40	'3 162	'117 846	'2 316	'4 344	'74 160	'239 411	'165 692	'406 296	'20 146
3231	Printing and related support activities .....	1	'192	40	'3 162	'117 846	'2 316	'4 344	'74 160	'239 411	'165 692	'406 296	'20 146
32311	Printing .....	1	'159	29	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	-	81	13	1 681	65 153	1 235	2 285	41 230	138 585	113 556	252 664	11 182
32312	Support activities for printing .....	1	33	11	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	3	46	8	602	28 165	321	625	11 197	102 683	96 776	198 260	D
326	Plastics and rubber products manufacturing .....	2	22	7	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	1	39	10	1 010	39 073	788	1 521	28 483	117 859	59 077	182 080	14 871
331	Primary metal manufacturing .....	-	20	9	h	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	-	2	2	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	-	4	3	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing .....	-	4	3	f	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries .....	-	12	3	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	-	4	2	f	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment) .....	-	2	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries .....	-	8	1	g	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries .....	-	2	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	195	58	3 929	141 840	2 897	5 760	90 757	345 054	236 587	582 494	D
3323	Architectural and structural metals manufacturing .....	-	44	12	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	67	12	f	D	D	D	D	D	D	D	D
33271	Machine shops .....	2	60	10	632	22 099	467	920	14 539	42 926	16 454	59 387	3 410
332710	Machine shops .....	2	60	10	632	22 099	467	920	14 539	42 926	16 454	59 387	3 410
3328	Coating, engraving, heat treating, and allied activities .....	3	27	10	f	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	3	27	10	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	64	20	g	D	D	D	D	D	D	D	5 764

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		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>PORTLAND—Con.</b>													
334	Computer and electronic product manufacturing .....	-	36	8	1 969	80 279	1 175	2 221	52 523	173 722	240 930	416 178	13 024
3344	Semiconductor and other electronic component manufacturing .....	-	10	1	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	10	1	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	-	4	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	50	18	3 490	130 593	2 934	5 251	101 508	238 250	740 652	979 285	21 250
3361	Motor vehicle manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	1	20	5	f	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	78	17	1 396	46 479	1 014	2 031	27 172	107 059	75 517	181 874	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	55	7	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	1	20	8	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	1	20	8	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	3	131	20	2 335	69 271	1 794	3 316	44 968	191 249	92 020	280 853	4 778
3391	Medical equipment and supplies manufacturing .....	4	43	8	f	D	D	D	D	D	D	D	1 579
33911	Medical equipment and supplies manufacturing .....	4	43	8	f	D	D	D	D	D	D	D	1 579
339116	Dental laboratories .....	5	26	5	f	D	D	D	D	D	D	D	980
3399	Other miscellaneous manufacturing .....	3	88	12	g	D	D	D	D	D	D	D	3 199
33999	All other miscellaneous manufacturing .....	2	28	5	f	D	D	D	D	D	D	D	1 841
339994	Broom, brush, and mop manufacturing .....	2	4	3	f	D	D	D	D	D	D	D	D
<b>PRINEVILLE</b>													
31-33	Manufacturing .....	-	21	7	1 377	33 368	1 204	2 319	26 970	83 765	112 688	194 763	D
321	Wood product manufacturing .....	-	8	5	g	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	7	4	g	D	D	D	D	D	D	D	D
32191	Millwork .....	-	5	4	g	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>REDMOND</b>													
31-33	Manufacturing .....	1	50	12	938	25 883	729	1 040	16 759	64 324	61 037	124 208	2 054
<b>ST. HELENS</b>													
31-33	Manufacturing .....	-	9	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	f	D	D	D	D	D	D	D	D

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		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SALEM</b>													
31-33	Manufacturing .....	3	198	63	6 362	216 677	4 804	8 954	129 537	593 719	547 246	1 156 026	40 803
311	Food manufacturing .....	6	25	15	2 200	58 299	1 830	3 416	40 462	245 616	190 168	434 387	14 849
3114	Fruit and vegetable preserving and specialty food manufacturing .....	8	11	8	1 592	39 979	1 384	2 484	29 173	180 004	113 460	293 464	7 614
31141	Frozen food manufacturing ....	8	6	4	738	20 252	644	1 273	15 224	86 503	79 025	165 528	6 559
311411	Frozen fruit, juice, and vegetable manufacturing ...	8	6	4	738	20 252	644	1 273	15 224	86 503	79 025	165 528	6 559
31142	Fruit and vegetable canning, pickling, and drying .....	9	5	4	854	19 727	740	1 211	13 949	93 501	34 435	127 936	1 055
311421	Fruit and vegetable canning ..	9	5	4	854	19 727	740	1 211	13 949	93 501	34 435	127 936	1 055
332	Fabricated metal product manufacturing .....	3	35	12	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	-	14	6	541	19 283	362	679	10 883	38 940	65 466	108 145	1 482
334	Computer and electronic product manufacturing .....	-	9	5	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
<b>SHERWOOD</b>													
31-33	Manufacturing .....	-	22	8	568	24 891	285	552	9 062	48 619	85 028	133 642	8 212
<b>SPRINGFIELD</b>													
31-33	Manufacturing .....	-	87	26	2 619	111 489	1 977	4 093	77 144	417 288	424 946	845 510	54 393
321	Wood product manufacturing .....	-	12	7	1 060	42 334	864	1 750	31 545	90 568	141 892	238 241	D
3212	Veneer, plywood, and engineered wood product manufacturing ....	-	5	4	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	5	4	f	D	D	D	D	D	D	D	D
<b>STAYTON</b>													
31-33	Manufacturing .....	-	14	8	1 463	41 597	1 152	2 528	29 402	314 223	124 714	401 297	3 982
311	Food manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	-	1	1	f	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>TIGARD</b>													
31-33	Manufacturing .....	1	107	30	2 699	121 129	1 746	3 496	61 605	319 032	221 122	539 058	17 170
332	Fabricated metal product manufacturing .....	-	18	6	648	26 068	455	987	14 730	72 616	55 532	128 533	1 969
334	Computer and electronic product manufacturing .....	1	19	9	f	D	D	D	D	D	D	D	9 683
<b>TOLEDO</b>													
31-33	Manufacturing .....	-	5	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>TUALATIN</b>													
31-33	Manufacturing .....	1	119	60	5 131	181 224	3 419	7 000	94 585	428 019	340 643	760 273	24 145
326	Plastics and rubber products manufacturing .....	4	11	5	669	22 064	455	883	9 644	43 094	44 671	87 690	1 719
3261	Plastics product manufacturing ..	4	11	5	669	22 064	455	883	9 644	43 094	44 671	87 690	1 719
32619	Other plastics product manufacturing .....	5	7	4	536	17 727	371	688	7 760	27 878	32 775	60 559	D
326199	All other plastics product manufacturing .....	5	6	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	32	13	808	32 275	591	1 132	20 747	69 134	28 927	97 304	2 407
334	Computer and electronic product manufacturing .....	—	8	6	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing ....	—	3	3	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	3	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	—	12	10	747	19 657	566	1 071	12 398	50 237	40 319	90 510	722
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	8	6	506	12 577	393	738	8 784	30 138	25 204	55 065	D
<b>WILSONVILLE</b>													
31-33	Manufacturing .....	—	62	36	5 781	272 566	2 680	4 621	81 961	607 463	739 688	1 347 899	60 686
326	Plastics and rubber products manufacturing .....	—	5	4	501	14 778	373	743	9 026	43 605	30 542	74 092	1 003
3261	Plastics product manufacturing ..	—	5	4	501	14 778	373	743	9 026	43 605	30 542	74 092	1 003
334	Computer and electronic product manufacturing .....	—	10	9	h	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing .....	—	2	2	h	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	—	2	2	h	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	2	2	h	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
<b>WOODBURN</b>													
31-33	Manufacturing .....	5	26	12	1 533	44 750	1 302	2 506	32 271	127 519	192 028	320 324	6 437
311	Food manufacturing .....	7	4	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	7	2	2	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	7	2	2	f	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	7	2	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	2	8	6	658	19 090	546	1 032	13 333	29 515	75 360	107 147	1 966
3219	Other wood product manufacturing .....	3	4	4	548	15 644	453	839	10 756	23 711	48 599	71 976	D
<b>BALANCE OF BENTON COUNTY</b>													
31-33	Manufacturing .....	—	40	8	745	26 346	531	1 084	15 703	82 021	98 417	186 392	D

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF CLACKAMAS COUNTY</b>													
31-33	Manufacturing .....	2	331	73	7 240	265 192	5 317	10 291	166 106	733 110	633 659	1 368 619	27 921
311	Food manufacturing .....	5	22	10	f	D	D	D	D	D	D	D	5 319
321	Wood product manufacturing .....	—	24	8	838	25 813	727	1 435	20 644	66 744	125 297	190 160	D
3211	Sawmills and wood preservation .....	—	7	4	531	15 851	506	1 026	14 581	38 560	89 991	130 172	1 186
32111	Sawmills and wood preservation .....	—	7	4	531	15 851	506	1 026	14 581	38 560	89 991	130 172	1 186
321113	Sawmills .....	—	7	4	531	15 851	506	1 026	14 581	38 560	89 991	130 172	1 186
331	Primary metal manufacturing .....	—	6	3	887	34 230	723	1 494	24 627	101 476	37 381	140 094	D
3315	Foundries .....	—	5	3	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	—	3	2	f	D	D	D	D	D	D	D	D
331512	Steel investment foundries .....	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	94	12	943	40 027	676	1 391	24 997	77 409	54 294	136 277	4 645
333	Machinery manufacturing .....	2	34	12	1 363	57 288	904	1 613	32 072	171 572	121 775	290 832	8 135
3339	Other general purpose machinery manufacturing .....	—	14	7	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	18	5	f	D	D	D	D	D	D	D	D
<b>BALANCE OF COLUMBIA COUNTY</b>													
31-33	Manufacturing .....	—	32	14	1 927	89 674	1 566	3 191	68 303	323 231	272 803	593 514	9 980
322	Paper manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF COOS COUNTY</b>													
31-33	Manufacturing .....	—	29	8	814	24 116	696	1 434	20 457	34 932	86 418	120 109	D
321	Wood product manufacturing .....	—	9	5	f	D	D	D	D	D	D	D	1 232
<b>BALANCE OF DESCHUTES COUNTY</b>													
31-33	Manufacturing .....	1	59	7	695	19 333	543	1 018	11 889	35 564	47 434	84 021	1 294
<b>BALANCE OF DOUGLAS COUNTY</b>													
31-33	Manufacturing .....	—	90	39	5 353	181 977	4 688	9 498	146 496	350 167	803 843	1 150 209	27 163
321	Wood product manufacturing .....	—	31	24	h	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation .....	—	13	11	g	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation .....	—	13	11	g	D	D	D	D	D	D	D	D
321113	Sawmills .....	—	13	11	g	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	8	8	g	D	D	D	D	D	D	D	9 159
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	8	8	g	D	D	D	D	D	D	D	9 159
321211	Hardwood veneer and plywood manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
<b>BALANCE OF HOOD RIVER COUNTY</b>													
31-33	Manufacturing .....	3	28	8	f	D	D	D	D	D	D	D	823

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF JACKSON COUNTY</b>													
31-33	Manufacturing .....	-	161	44	4 205	144 831	3 364	6 762	107 650	607 055	696 312	1 296 146	22 779
321	Wood product manufacturing .....	-	'32	'19	'2 274	'72 551	'1 972	'3 986	'59 572	'167 746	'443 804	'606 756	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	'13	'10	g	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	'13	'10	g	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing .....	-	7	5	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	16	7	f	D	D	D	D	D	D	D	608
32191	Millwork .....	-	7	6	f	D	D	D	D	D	D	D	491
<b>BALANCE OF JEFFERSON COUNTY</b>													
31-33	Manufacturing .....	-	19	5	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	4	1	g	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	3	1	g	D	D	D	D	D	D	D	D
32191	Millwork .....	-	2	1	g	D	D	D	D	D	D	D	D
321912	Cut stock, resawing lumber, and planing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF JOSEPHINE COUNTY</b>													
31-33	Manufacturing .....	1	62	8	959	29 982	597	1 044	12 255	71 660	54 287	126 435	D
<b>BALANCE OF KLAMATH COUNTY</b>													
31-33	Manufacturing .....	-	41	13	1 645	55 946	1 429	3 020	45 194	157 310	225 876	383 417	4 051
321	Wood product manufacturing .....	-	9	6	g	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF LANE COUNTY</b>													
31-33	Manufacturing .....	1	165	43	6 625	247 898	4 957	10 098	169 106	634 951	998 720	1 646 370	33 465
321	Wood product manufacturing .....	-	29	18	2 437	96 755	2 081	4 502	75 649	206 035	503 462	714 918	14 486
3211	Sawmills and wood preservation .....	-	13	9	1 177	53 475	1 014	2 253	42 418	140 831	325 421	470 417	8 097
32111	Sawmills and wood preservation .....	-	13	9	1 177	53 475	1 014	2 253	42 418	140 831	325 421	470 417	8 097
321113	Sawmills .....	-	11	7	g	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	8	7	1 166	40 694	996	2 115	31 583	59 730	172 183	233 150	6 194
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	8	7	1 166	40 694	996	2 115	31 583	59 730	172 183	233 150	6 194
321211	Hardwood veneer and plywood manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	8	2	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
336213	Motor home manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF LINN COUNTY</b>													
31-33	Manufacturing .....	-	85	31	4 975	213 282	3 861	7 849	149 309	689 000	578 237	1 262 402	55 410
321	Wood product manufacturing .....	-	23	15	1 894	65 161	1 565	3 204	48 546	130 385	281 760	410 023	6 804
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	6	5	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	6	5	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	9	5	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	3	3	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	-	1	1	f	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	-	1	1	f	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF MARION COUNTY</b>													
31-33	Manufacturing .....	3	117	28	1 885	55 356	1 377	2 484	34 354	139 621	96 701	235 513	7 636
311	Food manufacturing .....	5	16	6	534	14 063	474	855	11 506	42 205	22 609	65 669	1 016
<b>BALANCE OF TILLAMOOK COUNTY</b>													
31-33	Manufacturing .....	-	16	7	g	D	D	D	D	D	D	D	D
311	Food manufacturing .....	-	7	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF UMATILLA COUNTY</b>													
31-33	Manufacturing .....	3	35	12	2 508	69 953	2 210	4 376	53 065	276 189	294 981	570 345	14 128
311	Food manufacturing .....	4	10	6	1 813	49 402	1 597	3 224	37 795	206 199	199 890	406 789	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	6	5	4	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing .....	6	3	3	1 515	41 008	1 372	2 778	32 687	174 266	145 538	319 913	9 420
311411	Frozen fruit, juice, and vegetable manufacturing .....	6	3	3	1 515	41 008	1 372	2 778	32 687	174 266	145 538	319 913	9 420
<b>BALANCE OF UNION COUNTY</b>													
31-33	Manufacturing .....	-	18	6	1 134	37 915	982	1 942	28 069	80 653	140 047	218 595	5 460
321	Wood product manufacturing .....	-	5	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF WASHINGTON COUNTY</b>													
31-33	Manufacturing .....	-	165	35	7 015	374 504	4 626	9 389	199 399	7 449 261	876 994	8 254 327	50 436
321	Wood product manufacturing .....	3	11	5	853	28 493	753	1 556	23 529	74 915	148 742	223 408	5 463
334	Computer and electronic product manufacturing .....	-	20	7	h	D	D	D	D	D	D	D	18 465
3344	Semiconductor and other electronic component manufacturing .....	-	8	5	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	8	5	h	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	-	3	3	h	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF YAMHILL COUNTY</b>													
31-33	Manufacturing .....	-	54	13	1 248	45 334	957	1 895	30 444	161 602	230 838	386 674	13 170
321	Wood product manufacturing .....	-	8	6	602	24 678	504	1 103	18 706	60 594	151 503	211 893	D

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data 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>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 500 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 500 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: f-500 to 999 employees; g-1,000 to 2,499 employees; h-2,500 to 4,999 employees; i-5,000 to 9,999 employees; j-10,000 to 24,999 employees; k-25,000 to 49,999 employees; l-50,000 to 99,999 employees; m-100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

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 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. Detailed Statistics for the State: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>OREGON</b>	
Companies <sup>1</sup> .....	N
All establishments <sup>2</sup> .....	'5 597
Establishments with 1 to 19 employees .....	'4 082
Establishments with 20 to 99 employees .....	1 106
Establishments with 100 employees or more .....	409
All employees <sup>3</sup> .....	'184 151
Total compensation .....	\$1,000.. '8 967 720
Annual payroll .....	\$1,000.. '7 173 223
Total fringe benefits .....	\$1,000.. '1 794 497
Production workers, average for year .....	number.. '130 491
Production workers on March 12 .....	number.. '127 947
Production workers on May 12 .....	number.. '130 592
Production workers on August 12 .....	number.. '133 709
Production workers on November 12 .....	number.. '129 401
Production worker hours .....	..1,000.. '254 545
Production worker wages .....	\$1,000.. '4 275 579
Total cost of materials .....	\$1,000.. '19 556 927
Materials, parts, containers, packaging, etc., used .....	\$1,000.. '16 808 159
Resales .....	\$1,000.. '1 387 223
Purchased fuels .....	\$1,000.. '355 650
Purchased electricity .....	\$1,000.. '574 514
Contract work .....	\$1,000.. 431 381
Quantity of electricity purchased for heat and power .....	1,000 kWh.. '12 394 168
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. 337 142
Total value of shipments .....	\$1,000.. '45 864 552
Value of resales .....	\$1,000.. '1 749 353
Value added .....	\$1,000.. '26 440 699
Total inventories, beginning of year .....	\$1,000.. '4 678 518
Finished goods inventories .....	\$1,000.. '1 762 390
Work-in-process inventories .....	\$1,000.. 1 149 912
Materials and supplies inventories .....	\$1,000.. '1 766 216
Total inventories, end of year .....	\$1,000.. '4 889 011
Finished goods inventories .....	\$1,000.. '1 820 037
Work-in-process inventories .....	\$1,000.. 1 280 176
Materials and supplies inventories .....	\$1,000.. '1 788 798
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. '20 663 823
Total capital expenditures (new and used) .....	\$1,000.. '1 265 365
Buildings and other structures (new and used) .....	\$1,000.. 190 949
Machinery and equipment (new and used) .....	\$1,000.. '1 074 416
Automobiles, trucks, etc., for highway use .....	\$1,000.. 37 824
Computers and peripheral data processing equipment .....	\$1,000.. '129 166
All other expenditures for machinery and equipment .....	\$1,000.. '907 426
Total retirements .....	\$1,000.. 998 334
Gross value of depreciable assets at end of year .....	\$1,000.. '20 930 854
Depreciation charges during year .....	\$1,000.. '1 613 523
Total rental payments .....	\$1,000.. '476 897
Buildings and other structures .....	\$1,000.. '280 869
Machinery and equipment .....	\$1,000.. '196 028

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

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 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.