

Arizona: 2002

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2002 Economic Census

Manufacturing

Geographic Area Series



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

Helping You Make Informed Decisions

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



CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix
Tables	
1. Industry Statistics for the State: 2002	1
2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002	12
3. Industry Statistics for Counties: 2002	23
4. Industry Statistics for Places: 2002	30
5. Detailed Statistics for the State: 2002	39
Appendixes	
A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	D-1
E. Metropolitan Areas and Micropolitan Statistical Areas	E-1

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
ARIZONA													
31-33	Manufacturing	1	'4 935	'1 288	'168 155	'7 080 603	'104 924	'206 084	'3 221 229	'25 976 992	'15 724 230	'41 910 739	'977 257
311	Food manufacturing	-	'244	53	'8 221	'249 807	'6 140	'12 295	'160 880	'1 365 910	'1 527 179	'2 878 837	'58 086
3111	Animal food manufacturing	-	14	3	192	6 588	155	332	4 847	25 986	100 863	125 214	997
31111	Animal food manufacturing	-	14	3	192	6 588	155	332	4 847	25 986	100 863	125 214	997
311119	Other animal food manufacturing	1	10	2	c	D	D	D	D	D	D	D	947
3113	Sugar and confectionery product manufacturing	-	17	2	e	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	-	7	2	c	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	-	7	2	c	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	2	15	4	285	9 432	207	336	5 365	33 930	33 796	67 785	D
31141	Frozen food manufacturing	-	3	2	c	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	3	2	c	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	4	12	2	c	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning .	2	9	2	161	5 396	121	268	3 045	14 008	11 687	25 754	661
3115	Dairy product manufacturing	-	11	8	1 224	55 647	747	1 713	32 361	630 466	437 888	1 069 158	13 343
31151	Dairy product (except frozen) manufacturing	-	9	8	g	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	1	6	5	f	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	-	1	1	c	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	26	4	1 589	41 246	1 371	3 178	32 266	138 881	559 530	689 259	3 321
31161	Animal slaughtering and processing	-	26	4	1 589	41 246	1 371	3 178	32 266	138 881	559 530	689 259	3 321
311611	Animal (except poultry) slaughtering	-	13	2	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	3	10	1	c	D	D	D	D	D	D	D	244
3118	Bakeries and tortilla manufacturing	1	'122	24	'2 843	'80 024	'1 929	'3 735	'46 395	'192 779	'122 023	'313 301	'14 057
31181	Bread and bakery product manufacturing	1	'99	19	'2 243	'64 088	'1 425	'2 946	'35 026	'140 631	'95 972	'235 741	D
311811	Retail bakeries	2	62	4	437	6 543	199	252	2 862	13 191	7 943	21 129	D
311812	Commercial bakeries	1	'37	15	'1 806	'57 545	'1 226	'2 694	'32 164	'127 440	'88 029	'214 612	'7 072
31183	Tortilla manufacturing	1	19	4	503	13 150	418	660	9 349	44 821	22 556	67 302	5 271
311830	Tortilla manufacturing	1	19	4	503	13 150	418	660	9 349	44 821	22 556	67 302	5 271
3119	Other food manufacturing	1	37	7	1 787	47 940	1 486	2 488	33 984	317 662	232 489	548 707	10 806
31191	Snack food manufacturing	2	4	3	c	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	2	4	3	c	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	-	26	4	1 493	39 203	1 319	2 171	29 564	101 988	156 639	258 326	4 860
311991	Perishable prepared food manufacturing	-	6	3	1 249	34 391	1 127	1 814	26 977	90 307	147 628	237 664	4 240
311999	All other miscellaneous food manufacturing	5	20	1	244	4 812	192	357	2 587	11 681	9 011	20 662	620
312	Beverage and tobacco product manufacturing	1	37	12	g	D	D	D	D	D	D	D	24 751
3121	Beverage manufacturing	1	36	11	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	28	11	g	D	D	D	D	D	D	D	24 469
312111	Soft drink manufacturing	1	11	8	1 349	46 483	457	934	13 467	173 186	433 152	608 435	23 608
312113	Ice manufacturing	1	13	2	c	D	D	D	D	D	D	D	470
313	Textile mills	-	17	2	598	15 232	540	1 209	13 002	40 834	119 505	160 406	D
3131	Fiber, yarn, and thread mills	-	3	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	3	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	2	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	1	91	15	1 305	31 640	1 005	1 937	19 993	77 109	67 682	146 931	1 703
3141	Textile furnishings mills	3	32	1	193	4 187	158	291	2 484	15 007	9 277	23 981	140
31412	Curtain and linen mills	2	31	1	c	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	4	25	-	134	2 810	106	189	1 475	6 510	4 426	10 679	75
3149	Other textile product mills	1	59	14	1 112	27 453	847	1 646	17 509	62 102	58 405	122 950	1 563
31491	Textile bag and canvas mills ...	1	23	5	e	D	D	D	D	D	D	D	587
314912	Canvas and related product mills	2	21	4	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	1	36	9	f	D	D	D	D	D	D	D	976
314991	Rope, cordage, and twine mills	-	3	2	c	D	D	D	D	D	D	D	53
314999	All other miscellaneous textile product mills	1	33	7	682	16 087	496	912	9 708	41 514	41 183	84 845	923

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	All establishments ²			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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARIZONA—Con.													
315	Apparel manufacturing	6	71	8	873	16 702	760	1 314	12 813	25 289	15 782	40 819	D
3151	Apparel knitting mills	2	4	2	190	3 752	156	275	2 915	3 853	5 306	9 076	29
31519	Other apparel knitting mills	2	4	2	190	3 752	156	275	2 915	3 853	5 306	9 076	29
315191	Outerwear knitting mills	2	4	2	190	3 752	156	275	2 915	3 853	5 306	9 076	29
3152	Cut and sew apparel manufacturing	7	52	5	501	9 423	447	785	7 399	15 658	6 505	22 058	D
31521	Cut and sew apparel contractors	7	42	4	453	7 949	409	723	6 637	12 619	2 788	15 306	89
315212	Women's, girls', and infants' cut and sew apparel contractors	8	35	3	397	7 084	363	634	6 073	11 057	2 118	13 050	76
3159	Apparel accessories and other apparel manufacturing	7	15	1	182	3 527	157	254	2 499	5 778	3 971	9 685	42
31599	Apparel accessories and other apparel manufacturing	7	15	1	182	3 527	157	254	2 499	5 778	3 971	9 685	42
315991	Hat, cap, and millinery manufacturing	8	3	1	145	2 489	129	202	1 873	3 763	2 250	6 019	14
316	Leather and allied product manufacturing	4	25	2	c	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing	3	18	2	161	3 504	131	244	1 973	7 169	3 079	10 051	D
31699	Other leather and allied product manufacturing	3	18	2	161	3 504	131	244	1 973	7 169	3 079	10 051	D
316991	Luggage manufacturing	2	6	1	112	2 339	94	174	1 369	4 381	1 791	6 169	17
321	Wood product manufacturing	2	217	87	9 177	246 389	6 876	13 926	152 370	466 960	554 067	1 017 760	24 643
3211	Sawmills and wood preservation	3	11	3	426	10 192	387	801	9 164	12 627	25 282	37 381	D
32111	Sawmills and wood preservation	3	11	3	426	10 192	387	801	9 164	12 627	25 282	37 381	D
321113	Sawmills	3	9	2	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	—	36	23	2 155	56 353	1 741	3 573	36 829	104 573	127 746	232 387	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	36	23	2 155	56 353	1 741	3 573	36 829	104 573	127 746	232 387	D
321214	Truss manufacturing	—	31	22	2 104	54 845	1 697	3 482	35 643	101 533	122 310	223 584	D
3219	Other wood product manufacturing	2	170	61	6 596	179 844	4 748	9 552	106 377	349 760	401 039	747 992	14 293
32191	Millwork	2	84	34	3 011	81 896	1 814	3 626	39 615	160 232	175 540	335 277	8 045
321911	Wood window and door manufacturing	2	31	14	1 103	30 370	797	1 623	17 721	58 338	54 455	112 981	3 965
321912	Cut stock, resawing lumber, and planing	—	13	6	1 269	35 606	485	997	10 608	69 304	82 114	150 291	2 891
321918	Other millwork (including flooring)	5	40	14	639	15 920	532	1 006	11 286	32 590	38 971	72 005	1 189
32192	Wood container and pallet manufacturing	5	30	7	494	11 005	421	813	8 198	19 134	22 684	41 992	627
321920	Wood container and pallet manufacturing	5	30	7	494	11 005	421	813	8 198	19 134	22 684	41 992	627
32199	All other wood product manufacturing	2	56	20	3 091	86 943	2 513	5 113	58 564	170 394	202 815	370 723	5 621
321991	Manufactured home (mobile home) manufacturing	—	13	10	2 248	63 321	1 854	3 815	42 931	115 110	148 021	261 478	2 120
321992	Prefabricated wood building manufacturing	8	15	4	467	13 980	358	716	8 357	26 619	33 315	59 141	1 033
321999	All other miscellaneous wood product manufacturing	3	28	6	376	9 642	301	582	7 276	28 665	21 479	50 104	2 468
322	Paper manufacturing	2	43	25	2 762	113 162	2 129	4 645	77 223	357 495	443 190	797 518	19 249
3221	Pulp, paper, and paperboard mills	—	4	3	f	D	D	D	D	D	D	D	D
32212	Paper mills	—	4	3	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	3	2	c	D	D	D	D	D	D	D	D
322122	Newsprint mills	—	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	4	39	22	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	17	10	952	36 896	730	1 639	24 830	71 655	154 338	226 624	D
322211	Corrugated and solid fiber box manufacturing	—	13	8	812	32 535	621	1 398	21 353	62 199	143 666	206 467	2 562
322212	Folding paperboard box manufacturing	9	2	1	c	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	—	6	3	c	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing	—	5	2	144	6 229	83	180	3 036	10 465	14 813	25 029	D
32223	Stationery product manufacturing	1	6	4	e	D	D	D	D	D	D	D	D
322232	Envelope manufacturing	—	3	2	250	8 820	201	423	6 071	18 308	16 258	34 651	399
32229	Other converted paper product manufacturing	9	10	5	f	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	8	9	4	594	23 993	454	956	16 621	110 591	38 655	149 077	D

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NAICS code	Geographic area and industry	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARIZONA—Con.													
323	Printing and related support activities	2	589	94	7 065	229 396	4 964	9 009	140 792	512 491	259 591	768 942	42 560
3231	Printing and related support activities	2	589	94	7 065	229 396	4 964	9 009	140 792	512 491	259 591	768 942	42 560
32311	Printing	3	534	84	6 087	193 359	4 139	7 442	114 058	441 417	243 256	680 925	39 664
323110	Commercial lithographic printing	2	219	52	3 415	111 609	2 321	4 201	67 556	250 780	138 985	386 590	24 000
323112	Commercial flexographic printing	4	12	4	269	9 067	199	402	5 499	20 790	16 881	37 609	1 416
323113	Commercial screen printing ..	2	69	10	725	19 383	517	861	10 512	35 341	22 746	57 845	1 450
323114	Quick printing	3	141	6	783	23 548	527	928	14 109	51 129	24 391	75 457	D
323115	Digital printing	2	28	3	267	8 953	163	249	4 396	18 344	8 591	26 939	760
323116	Manifold business forms printing	2	20	6	359	12 238	234	503	6 997	44 930	20 696	65 400	7 540
323119	Other commercial printing ...	3	32	2	177	5 736	108	212	3 263	13 974	6 608	20 586	458
32312	Support activities for printing...	1	55	10	978	36 037	825	1 567	26 734	71 074	16 335	88 017	2 896
323121	Tradebinding and related work	5	24	6	365	9 579	316	570	7 084	16 397	5 079	21 462	2 121
323122	Prepress services	—	31	4	613	26 458	509	997	19 650	54 677	11 256	66 555	775
324	Petroleum and coal products manufacturing	1	25	5	405	16 863	283	488	10 454	60 482	121 025	181 389	D
3241	Petroleum and coal products manufacturing	1	25	5	405	16 863	283	488	10 454	60 482	121 025	181 389	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	21	5	391	16 103	275	470	10 186	58 144	117 516	175 542	D
324121	Asphalt paving mixture and block manufacturing	1	16	5	342	14 248	239	407	9 022	46 806	102 217	148 644	D
325	Chemical manufacturing	3	'173	'46	'3 603	'166 725	'2 118	'4 030	'78 451	'636 843	'398 855	'1 041 126	'40 500
3251	Basic chemical manufacturing ...	2	22	5	414	21 481	224	454	9 748	65 676	77 287	145 228	5 672
32512	Industrial gas manufacturing ...	—	7	2	132	6 373	82	172	3 570	34 472	33 754	68 593	2 035
325120	Industrial gas manufacturing ...	—	7	2	132	6 373	82	172	3 570	34 472	33 754	68 593	2 035
32518	Other basic inorganic chemical manufacturing	—	6	1	144	7 387	60	120	2 295	14 179	5 974	23 870	D
325188	All other basic inorganic chemical manufacturing	—	6	1	144	7 387	60	120	2 295	14 179	5 974	23 870	D
32519	Other basic organic chemical manufacturing	8	6	2	c	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	2	15	3	183	9 125	118	244	5 117	30 892	42 442	72 983	4 049
32531	Fertilizer manufacturing	1	11	2	151	7 657	96	199	4 320	23 060	33 545	56 364	3 865
3254	Pharmaceutical and medicine manufacturing	2	31	12	1 242	69 230	714	1 124	30 333	324 074	111 754	440 321	16 677
32541	Pharmaceutical and medicine manufacturing	2	31	12	1 242	69 230	714	1 124	30 333	324 074	111 754	440 321	16 677
325411	Medicinal and botanical manufacturing	4	11	3	c	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	1	16	8	1 017	59 345	560	826	24 790	297 841	90 528	392 504	13 313
3255	Paint, coating, and adhesive manufacturing	3	28	4	283	10 552	169	333	5 072	35 677	35 537	71 719	D
32551	Paint and coating manufacturing	6	21	1	155	6 139	89	169	2 640	20 342	18 947	39 670	801
325510	Paint and coating manufacturing	6	21	1	155	6 139	89	169	2 640	20 342	18 947	39 670	801
32552	Adhesive manufacturing	—	7	3	128	4 413	80	164	2 432	15 335	16 590	32 049	D
325520	Adhesive manufacturing	—	7	3	128	4 413	80	164	2 432	15 335	16 590	32 049	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	3	26	6	356	10 882	237	485	5 537	49 474	32 935	82 187	D
32562	Toilet preparation manufacturing	3	11	4	e	D	D	D	D	D	D	D	839
325620	Toilet preparation manufacturing	3	11	4	e	D	D	D	D	D	D	D	839
3259	Other chemical product and preparation manufacturing	5	'48	'15	'1 086	'44 242	'626	'1 326	'21 946	'128 505	'95 553	'222 742	D
32591	Printing ink manufacturing	'4	'6	'2	c	D	D	D	D	D	D	D	'521
325910	Printing ink manufacturing ...	'4	'6	'2	c	D	D	D	D	D	D	D	'521
32592	Explosives manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
325920	Explosives manufacturing ...	—	2	1	c	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	6	40	12	713	29 219	451	950	16 191	87 996	74 350	162 465	D
325991	Custom compounding of purchased resins	5	13	4	160	6 247	100	189	3 465	16 309	21 889	38 050	5 476
325992	Photographic film, paper, plate, and chemical manufacturing	2	11	3	141	4 795	79	176	1 920	9 031	7 832	16 747	D
325998	All other miscellaneous chemical product and preparation manufacturing .	7	16	5	412	18 177	272	585	10 806	62 656	44 629	107 668	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARIZONA—Con.													
326	Plastics and rubber products manufacturing	1	217	95	8 556	268 174	6 511	13 032	167 393	759 229	641 961	1 385 302	62 798
3261	Plastics product manufacturing ..	1	190	85	8 071	252 162	6 157	12 320	157 723	726 450	614 272	1 325 247	61 017
32611	Plastics packaging materials and un laminated film and sheet manufacturing	1	13	6	404	14 877	305	610	10 044	32 704	41 275	73 679	1 226
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	5	3	250	10 243	201	455	7 805	23 265	31 549	54 536	956
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	1	16	10	905	28 995	769	1 707	22 237	131 808	130 007	256 968	21 164
326121	Un laminated plastics profile shape manufacturing	1	11	6	332	10 646	270	557	7 574	33 735	35 910	68 076	12 925
326122	Plastics pipe and pipe fitting manufacturing	1	5	4	573	18 349	499	1 150	14 663	98 073	94 097	188 892	8 239
32614	Polystyrene foam product manufacturing	—	8	5	465	11 288	418	922	9 186	55 057	49 121	104 956	1 183
326140	Polystyrene foam product manufacturing	—	8	5	465	11 288	418	922	9 186	55 057	49 121	104 956	1 183
32615	Urethane and other foam product (except polystyrene) manufacturing	—	8	4	202	5 400	140	296	2 916	22 070	16 651	38 163	1 565
326150	Urethane and other foam product (except polystyrene) manufacturing	—	8	4	202	5 400	140	296	2 916	22 070	16 651	38 163	1 565
32616	Plastics bottle manufacturing ..	1	8	4	317	11 671	287	590	9 865	41 171	47 787	85 638	4 950
326160	Plastics bottle manufacturing	1	8	4	317	11 671	287	590	9 865	41 171	47 787	85 638	4 950
32619	Other plastics product manufacturing	1	134	55	5 740	178 587	4 209	8 136	102 504	440 084	325 154	758 010	30 664
326191	Plastics plumbing fixture manufacturing	2	15	7	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	117	47	5 216	161 531	3 882	7 516	94 385	400 961	293 061	688 439	29 074
3262	Rubber product manufacturing ...	2	27	10	485	16 012	354	712	9 670	32 779	27 689	60 055	1 781
32621	Tire manufacturing	—	10	3	c	D	D	D	D	D	D	D	D
326212	Tire retreading	—	8	3	c	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	3	15	6	307	9 446	220	457	5 115	20 405	12 942	33 221	D
326291	Rubber product manufacturing for mechanical use	1	5	3	147	5 028	101	212	2 673	10 378	5 480	15 757	86
326299	All other rubber product manufacturing	5	10	3	160	4 418	119	245	2 442	10 027	7 462	17 464	D
327	Nonmetallic mineral product manufacturing	1	277	106	6 905	236 948	5 292	10 433	158 660	727 425	592 179	1 318 080	49 920
3271	Clay product and refractory manufacturing	4	46	10	779	24 026	589	1 147	14 679	50 688	30 584	81 064	1 740
32711	Pottery, ceramics, and plumbing fixture manufacturing	6	33	7	484	16 212	354	706	9 107	30 621	18 173	48 996	1 033
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	8	27	2	c	D	D	D	D	D	D	D	D
327113	Porcelain electrical supply manufacturing	4	6	5	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	2	13	3	295	7 814	235	441	5 572	20 067	12 411	32 068	707
327121	Brick and structural clay tile manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	2	32	6	476	16 874	326	683	10 975	36 067	26 828	62 861	2 800
32721	Glass and glass product manufacturing	2	32	6	476	16 874	326	683	10 975	36 067	26 828	62 861	2 800
327215	Glass product manufacturing made of purchased glass ..	1	24	6	429	15 135	286	602	9 593	30 977	24 575	55 518	2 581
3273	Cement and concrete product manufacturing	1	145	77	4 838	169 512	3 745	7 354	115 792	563 221	483 088	1 044 449	41 724
32731	Cement manufacturing	1	4	3	279	12 192	213	492	8 411	92 570	50 778	145 021	D
327310	Cement manufacturing	1	4	3	279	12 192	213	492	8 411	92 570	50 778	145 021	D
32732	Ready-mix concrete manufacturing	2	68	35	2 055	67 432	1 713	3 013	52 046	196 535	248 102	444 197	13 330
327320	Ready-mix concrete manufacturing	2	68	35	2 055	67 432	1 713	3 013	52 046	196 535	248 102	444 197	13 330
32733	Concrete pipe, brick, and block manufacturing	1	37	21	1 122	39 606	846	1 774	25 226	144 690	110 365	253 360	10 107
327331	Concrete block and brick manufacturing	1	30	16	755	26 262	527	1 073	14 624	96 798	89 065	183 825	6 358
327332	Concrete pipe manufacturing	—	7	5	367	13 344	319	701	10 602	47 892	21 300	69 535	3 749
32739	Other concrete product manufacturing	1	36	18	1 382	50 282	973	2 075	30 109	129 426	73 843	201 871	D
327390	Other concrete product manufacturing	1	36	18	1 382	50 282	973	2 075	30 109	129 426	73 843	201 871	D
3274	Lime and gypsum product manufacturing	—	6	3	170	6 971	137	260	4 886	27 200	21 807	49 223	D

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ARIZONA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3279	Other nonmetallic mineral product manufacturing	1	48	10	642	19 565	495	989	12 328	50 249	29 872	80 483	D
32799	All other nonmetallic mineral product manufacturing	1	46	10	f	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	3	32	6	449	13 193	366	697	9 093	25 419	9 670	34 938	1 111
327999	All other miscellaneous nonmetallic mineral product manufacturing	—	7	4	133	3 811	92	211	2 266	8 903	9 540	18 664	243
331	Primary metal manufacturing	—	72	30	4 552	171 154	3 648	7 658	124 428	524 249	583 868	1 133 312	41 859
3311	Iron and steel mills and ferroalloy manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	2	1	c	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	10	4	e	D	D	D	D	D	D	D	D
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	2	1	c	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	2	1	c	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	1	8	3	c	D	D	D	D	D	D	D	371
331222	Steel wire drawing	1	8	3	c	D	D	D	D	D	D	D	371
3313	Alumina and aluminum production and processing	1	12	8	1 112	44 407	963	2 075	36 047	80 606	97 831	192 940	D
33131	Alumina and aluminum production and processing ...	1	12	8	1 112	44 407	963	2 075	36 047	80 606	97 831	192 940	D
331314	Secondary smelting and alloying of aluminum	3	2	2	c	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	5	4	921	37 184	813	1 757	31 093	62 591	68 450	145 305	5 947
3314	Nonferrous metal (except aluminum) production and processing	—	19	7	1 809	72 611	1 362	2 745	49 769	323 763	290 464	623 398	30 579
33141	Nonferrous metal (except aluminum) smelting and refining	—	5	3	1 450	59 170	1 080	2 135	40 320	280 822	185 500	477 698	D
331411	Primary smelting and refining of copper	—	1	1	g	D	D	D	D	D	D	D	D
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	—	4	2	c	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	4	2	c	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	—	3	2	c	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	2	10	2	c	D	D	D	D	D	D	D	D
3315	Foundries	1	29	10	1 044	33 615	856	1 814	24 849	61 275	41 767	101 454	3 596
33151	Ferrous metal foundries	—	10	3	463	15 780	379	754	11 679	24 636	27 056	50 747	698
331512	Steel investment foundries ..	—	4	2	e	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	—	6	1	c	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	2	19	7	581	17 835	477	1 060	13 170	36 639	14 711	50 707	2 898
331522	Nonferrous (except aluminum) die-casting foundries	—	2	1	c	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting)	1	4	1	c	D	D	D	D	D	D	D	D
331525	Copper foundries (except die-casting)	1	9	3	167	4 702	145	295	3 563	7 153	3 776	10 921	D
332	Fabricated metal product manufacturing	2	916	211	18 286	681 236	13 234	25 647	418 386	1 917 582	1 297 742	3 216 007	80 728
3321	Forging and stamping	3	29	14	857	34 954	684	1 468	22 587	88 233	86 113	177 274	3 903
33211	Forging and stamping	3	29	14	857	34 954	684	1 468	22 587	88 233	86 113	177 274	3 903
332114	Custom roll forming	3	6	4	c	D	D	D	D	D	D	D	D
332116	Metal stamping	2	18	9	598	25 813	492	1 089	16 459	68 227	47 162	118 024	2 487
3323	Architectural and structural metals manufacturing	3	250	78	6 484	207 600	4 615	8 633	126 244	529 239	443 960	964 346	21 358
33231	Plate work and fabricated structural product manufacturing	4	69	27	2 260	77 341	1 540	2 907	46 179	239 707	207 546	447 008	4 991
332311	Prefabricated metal building and component manufacturing	9	10	2	610	17 311	408	679	9 743	33 393	44 465	77 758	1 323
332312	Fabricated structural metal manufacturing	3	52	23	1 496	52 829	1 001	1 940	30 463	189 562	156 453	346 438	3 364
332313	Plate work manufacturing ...	—	7	2	154	7 201	131	288	5 973	16 752	6 628	22 812	304

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
ARIZONA—Con.													
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing—Con.												
33232	Ornamental and architectural metal products manufacturing	2	181	51	4 224	130 259	3 075	5 726	80 065	289 532	236 414	517 338	16 367
332321	Metal window and door manufacturing	2	27	13	1 429	47 508	956	1 879	26 023	89 213	94 239	176 645	5 090
332322	Sheet metal work manufacturing	1	89	28	1 754	54 634	1 233	2 231	33 796	133 396	100 053	231 703	7 525
332323	Ornamental and architectural metal work manufacturing ..	3	65	10	1 041	28 117	886	1 616	20 246	66 923	42 122	108 990	3 752
3324	Boiler, tank, and shipping container manufacturing	—	19	5	352	13 536	264	543	9 068	42 049	64 535	106 230	D
33242	Metal tank (heavy gauge) manufacturing	4	12	2	164	4 557	122	255	2 628	9 703	7 076	16 789	220
332420	Metal tank (heavy gauge) manufacturing	4	12	2	164	4 557	122	255	2 628	9 703	7 076	16 789	220
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	4	2	c	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	18	7	456	17 944	282	569	8 064	60 737	69 252	132 971	3 144
33251	Hardware manufacturing	—	18	7	456	17 944	282	569	8 064	60 737	69 252	132 971	3 144
332510	Hardware manufacturing	—	18	7	456	17 944	282	569	8 064	60 737	69 252	132 971	3 144
3326	Spring and wire product manufacturing	1	26	6	422	14 411	327	676	9 665	42 862	35 654	76 648	2 939
33261	Spring and wire product manufacturing	1	26	6	422	14 411	327	676	9 665	42 862	35 654	76 648	2 939
332612	Spring (light gauge) manufacturing	—	5	1	c	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	3	20	4	236	8 326	179	397	5 403	20 401	20 385	38 753	1 130
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	359	59	4 497	169 035	3 442	6 827	117 994	320 310	144 286	466 419	24 080
33271	Machine shops	2	314	40	3 172	117 645	2 325	4 471	79 105	218 494	95 289	314 891	10 754
332710	Machine shops	2	314	40	3 172	117 645	2 325	4 471	79 105	218 494	95 289	314 891	10 754
33272	Turned product and screw, nut, and bolt manufacturing	—	45	19	1 325	51 390	1 117	2 356	38 889	101 816	48 997	151 528	13 326
332721	Precision turned product manufacturing	—	37	16	1 053	38 584	902	1 860	30 152	71 258	34 993	106 554	12 657
332722	Bolt, nut, screw, rivet, and washer manufacturing	2	8	3	272	12 806	215	496	8 737	30 558	14 004	44 974	669
3328	Coating, engraving, heat treating, and allied activities	3	106	16	1 478	42 188	1 204	2 307	30 145	90 307	33 393	123 562	D
33281	Coating, engraving, heat treating, and allied activities ..	3	106	16	1 478	42 188	1 204	2 307	30 145	90 307	33 393	123 562	D
332811	Metal heat treating	1	10	1	154	5 250	120	231	3 607	13 255	2 894	16 189	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	3	48	10	872	23 729	728	1 438	17 253	51 431	22 062	73 186	2 847
332813	Electroplating, plating, polishing, anodizing, and coloring	3	48	5	452	13 209	356	638	9 285	25 621	8 437	34 187	1 628
3329	Other fabricated metal product manufacturing	2	98	26	3 666	178 744	2 357	4 503	92 599	737 157	417 359	1 158 660	17 314
33291	Metal valve manufacturing	2	18	9	g	D	D	D	D	D	D	D	12 562
332912	Fluid power valve and hose fitting manufacturing	—	8	6	1 788	109 959	1 019	1 961	54 358	397 724	271 207	673 422	D
332913	Plumbing fixture fitting and trim manufacturing	9	3	1	c	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	80	17	g	D	D	D	D	D	D	D	4 752
332994	Small arms manufacturing ...	2	8	3	320	10 556	242	514	7 645	38 413	14 204	52 208	567
332995	Other ordnance and accessories manufacturing .	—	2	1	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	1	53	11	838	26 999	674	1 289	18 739	62 550	42 944	105 134	2 476
333	Machinery manufacturing	2	308	80	9 266	364 578	5 740	11 332	173 550	828 227	787 501	1 591 262	43 602
3331	Agriculture, construction, and mining machinery manufacturing	1	26	11	1 427	48 753	1 021	2 070	28 403	127 815	181 688	302 097	5 732
33311	Agricultural implement manufacturing	—	11	6	1 024	30 279	763	1 609	18 480	93 716	131 587	217 301	4 862
333111	Farm machinery and equipment manufacturing ..	—	7	3	e	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	4	3	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	5	7	4	270	12 353	216	380	8 667	23 812	37 470	61 368	280
333120	Construction machinery manufacturing	5	7	4	270	12 353	216	380	8 667	23 812	37 470	61 368	280

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARIZONA—Con.													
333	Machinery manufacturing—Con.												
3331	Agriculture, construction, and mining machinery manufacturing—Con.												
33313	Mining and oil and gas field machinery manufacturing	1	8	1	133	6 121	42	81	1 256	10 287	12 631	23 428	590
333131	Mining machinery and equipment manufacturing . .	1	7	1	c	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	—	'57	'23	'2 545	'122 662	'1 337	'2 850	'48 507	'261 521	'254 363	'494 575	'20 080
33321	Sawmill and woodworking machinery manufacturing	—	5	3	110	3 585	81	184	2 284	5 469	5 827	11 323	111
333210	Sawmill and woodworking machinery manufacturing . .	—	5	3	110	3 585	81	184	2 284	5 469	5 827	11 323	111
33329	Other industrial machinery manufacturing	—	'47	'20	'2 421	'118 565	'1 245	'2 647	'45 937	'255 202	'247 935	'481 807	'19 947
333293	Printing machinery and equipment manufacturing . .	—	'7	'3	'251	'8 208	'195	'361	'5 124	'18 658	'10 517	'29 217	'332
333295	Semiconductor machinery manufacturing	—	21	11	1 625	91 554	675	1 477	29 071	207 376	211 211	397 064	18 500
333298	All other industrial machinery manufacturing	2	'13	'6	'530	'18 242	'366	'792	'11 473	'28 045	'25 274	'53 470	'1 080
3333	Commercial and service industry machinery manufacturing	4	57	8	1 153	37 881	616	1 039	12 940	84 741	66 488	151 122	3 343
33331	Commercial and service industry machinery manufacturing	4	57	8	1 153	37 881	616	1 039	12 940	84 741	66 488	151 122	3 343
333314	Optical instrument and lens manufacturing	2	11	1	153	9 772	52	105	2 315	19 167	9 353	28 541	567
333319	Other commercial and service industry machinery manufacturing	5	29	6	879	23 348	482	782	8 003	55 941	49 211	104 990	2 381
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	30	12	1 576	49 486	1 129	2 178	26 095	154 520	122 386	280 876	2 593
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	30	12	1 576	49 486	1 129	2 178	26 095	154 520	122 386	280 876	2 593
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	19	11	1 508	47 245	1 079	2 086	24 888	149 340	119 244	272 583	2 430
3335	Metalworking machinery manufacturing	4	85	14	1 273	50 315	892	1 684	32 409	98 110	53 394	150 383	5 082
33351	Metalworking machinery manufacturing	4	85	14	1 273	50 315	892	1 684	32 409	98 110	53 394	150 383	5 082
333511	Industrial mold manufacturing	—	25	6	502	19 123	381	722	14 506	38 258	15 810	53 325	2 473
333514	Special die and tool, die set, jig, and fixture manufacturing	2	29	3	270	9 542	188	286	6 074	16 752	6 257	23 038	933
333515	Cutting tool and machine tool accessory manufacturing	7	23	1	147	5 002	108	194	3 318	10 082	5 096	15 164	240
333518	Other metalworking machinery manufacturing . .	9	2	1	c	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	5	7	2	104	5 323	68	129	3 083	14 325	8 068	22 933	249
33361	Engine, turbine, and power transmission equipment manufacturing	5	7	2	104	5 323	68	129	3 083	14 325	8 068	22 933	249
3339	Other general purpose machinery manufacturing	4	46	10	1 188	50 158	677	1 382	22 113	87 195	101 114	189 276	6 523
33392	Material handling equipment manufacturing	8	10	1	296	12 450	178	385	5 117	6 547	29 700	37 411	D
333922	Conveyor and conveying equipment manufacturing . .	9	3	1	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	2	29	8	812	33 686	484	978	16 226	63 701	69 290	132 692	5 796
333999	All other miscellaneous general purpose machinery manufacturing	1	22	8	773	31 486	465	936	15 334	59 608	64 877	123 851	5 633
334	Computer and electronic product manufacturing	—	322	133	32 390	1 715 327	15 528	30 596	582 639	10 999 380	2 446 284	13 580 259	219 502
3341	Computer and peripheral equipment manufacturing	4	31	7	f	D	D	D	D	D	D	D	3 876
33411	Computer and peripheral equipment manufacturing	4	31	7	f	D	D	D	D	D	D	D	3 876
334119	Other computer peripheral equipment manufacturing . .	3	21	5	515	28 212	349	677	17 247	41 170	55 496	95 348	3 079

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARIZONA—Con.													
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing	3	31	13	g	D	D	D	D	D	D	D	6 077
33422	Radio and television broadcasting and wireless communications equipment manufacturing	3	21	9	1 055	51 658	622	1 413	21 770	113 698	103 080	218 686	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	3	21	9	1 055	51 658	622	1 413	21 770	113 698	103 080	218 686	D
33429	Other communications equipment manufacturing	2	7	4	183	7 091	104	133	1 842	21 992	11 890	33 628	976
334290	Other communications equipment manufacturing ..	2	7	4	183	7 091	104	133	1 842	21 992	11 890	33 628	976
3343	Audio and video equipment manufacturing	7	12	3	293	10 255	163	346	3 756	85 657	32 512	117 166	518
33431	Audio and video equipment manufacturing	7	12	3	293	10 255	163	346	3 756	85 657	32 512	117 166	518
334310	Audio and video equipment manufacturing	7	12	3	293	10 255	163	346	3 756	85 657	32 512	117 166	518
3344	Semiconductor and other electronic component manufacturing	—	140	70	20 540	1 053 718	11 121	21 969	418 366	9 314 882	1 285 539	10 728 298	140 688
33441	Semiconductor and other electronic component manufacturing	—	140	70	20 540	1 053 718	11 121	21 969	418 366	9 314 882	1 285 539	10 728 298	140 688
334411	Electron tube manufacturing .	9	5	1	e	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	2	16	10	559	18 144	430	868	11 278	39 261	27 153	66 409	1 501
334413	Semiconductor and related device manufacturing	—	46	25	13 254	775 007	6 295	12 319	271 723	8 721 628	774 229	9 606 039	101 709
334416	Electronic coil, transformer, and other inductor manufacturing	—	9	3	c	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	—	4	2	1 052	32 743	847	1 352	23 739	57 709	50 016	106 700	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	23	16	4 078	167 449	2 575	5 465	81 670	373 087	344 468	727 217	34 497
334419	Other electronic component manufacturing	—	35	13	1 134	44 431	602	1 203	18 716	101 253	57 810	158 899	2 087
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	93	36	9 205	541 560	2 793	5 205	106 652	1 270 579	861 257	2 141 708	52 546
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	93	36	9 205	541 560	2 793	5 205	106 652	1 270 579	861 257	2 141 708	52 546
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	2	6	3	694	39 637	301	504	10 588	15 897	69 504	86 184	3 663
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	23	12	5 021	307 233	1 153	2 288	50 572	937 424	467 586	1 413 253	39 626
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	14	3	1 256	83 460	352	656	11 723	101 213	137 228	235 665	1 475
334514	Totalizing fluid meter and counting device manufacturing	7	3	2	109	4 454	62	67	1 889	6 023	8 115	14 138	295
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	24	7	672	27 565	239	483	7 671	57 195	26 551	83 453	2 733
334516	Analytical laboratory instrument manufacturing ..	1	8	2	166	7 768	76	123	2 795	26 779	11 226	36 562	660
334519	Other measuring and controlling device manufacturing	—	10	6	1 240	69 214	579	1 014	20 082	120 965	136 038	262 009	3 968
3346	Manufacturing and reproducing magnetic and optical media.....	—	15	4	452	17 488	348	802	12 107	140 406	85 705	223 624	15 797
33461	Manufacturing and reproducing magnetic and optical media...	—	15	4	452	17 488	348	802	12 107	140 406	85 705	223 624	15 797
334612	Prerecorded compact disc (except software), tape, and record reproducing	3	12	3	c	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	83	24	3 232	115 133	2 034	3 762	46 449	315 513	281 260	594 253	20 561

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARIZONA—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3351	Electric lighting equipment manufacturing	—	16	4	647	26 558	401	830	10 658	78 607	46 152	124 636	2 354
33512	Lighting fixture manufacturing ..	—	16	4	647	26 558	401	830	10 658	78 607	46 152	124 636	2 354
335121	Residential electric lighting fixture manufacturing	1	6	1	c	D	D	D	D	D	D	D	56
335129	Other lighting equipment manufacturing	—	9	3	495	22 296	282	562	8 005	69 813	42 732	112 259	D
3352	Household appliance manufacturing	—	6	2	c	D	D	D	D	D	D	D	496
33522	Major appliance manufacturing ..	—	3	1	c	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	2	29	10	f	D	D	D	D	D	D	D	1 736
33531	Electrical equipment manufacturing	2	29	10	f	D	D	D	D	D	D	D	1 736
335311	Power, distribution, and specialty transformer manufacturing	—	3	2	c	D	D	D	D	D	D	D	34
335312	Motor and generator manufacturing	3	8	3	279	8 215	225	431	5 976	16 842	16 361	33 202	827
335313	Switchgear and switchboard apparatus manufacturing ..	3	9	3	133	5 453	96	194	3 194	9 139	13 970	23 476	652
335314	Relay and industrial control manufacturing	1	9	2	122	5 431	60	129	1 108	9 659	6 238	16 021	223
3359	Other electrical equipment and component manufacturing	1	32	8	1 720	57 864	1 051	1 800	20 931	127 446	183 864	310 537	15 975
33591	Battery manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	1	9	2	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	—	8	2	1 155	37 629	741	1 187	13 255	68 546	137 021	206 384	D
33593	Wiring device manufacturing	2	5	1	c	D	D	D	D	D	D	D	359
335931	Current-carrying wiring device manufacturing	2	4	1	122	3 429	65	130	1 573	8 242	14 224	22 368	D
33599	All other electrical equipment and component manufacturing	1	15	3	c	D	D	D	D	D	D	D	1 153
335999	All other miscellaneous electrical equipment and component manufacturing ..	1	14	3	195	8 181	103	212	2 447	23 332	14 885	38 095	D
336	Transportation equipment manufacturing	—	222	86	29 570	1 730 902	13 682	27 719	525 461	4 396 849	4 139 890	8 645 624	152 252
3362	Motor vehicle body and trailer manufacturing	1	34	9	852	27 390	678	1 423	17 933	67 203	63 001	129 148	3 074
33621	Motor vehicle body and trailer manufacturing	1	34	9	852	27 390	678	1 423	17 933	67 203	63 001	129 148	3 074
336211	Motor vehicle body manufacturing	—	13	5	591	20 050	476	1 026	13 389	46 870	45 251	91 211	2 594
336214	Travel trailer and camper manufacturing	4	14	3	190	4 209	157	301	3 010	9 153	11 733	20 821	250
3363	Motor vehicle parts manufacturing	—	85	26	3 458	128 875	2 456	5 032	72 568	353 230	468 644	818 872	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	4	22	3	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	4	20	2	250	7 745	171	298	4 635	12 152	17 137	29 339	441
33632	Motor vehicle electrical and electronic equipment manufacturing	3	7	3	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	3	5	2	244	8 525	146	259	3 257	37 507	39 891	77 156	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	4	1	e	D	D	D	D	D	D	D	47
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	4	1	e	D	D	D	D	D	D	D	47
33634	Motor vehicle brake system manufacturing	—	7	2	150	5 370	104	168	2 250	13 581	17 007	31 437	1 152
336340	Motor vehicle brake system manufacturing	—	7	2	150	5 370	104	168	2 250	13 581	17 007	31 437	1 152
33635	Motor vehicle transmission and power train parts manufacturing	—	12	4	208	7 920	130	276	3 784	19 892	14 937	34 465	2 654
336350	Motor vehicle transmission and power train parts manufacturing	—	12	4	208	7 920	130	276	3 784	19 892	14 937	34 465	2 654
33636	Motor vehicle seating and interior trim manufacturing	1	3	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	1	3	1	e	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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARIZONA—Con.													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33637	Motor vehicle metal stamping ..	-	2	2	c	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping ..	-	2	2	c	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing ..	-	28	10	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing ..	-	27	9	1 804	74 595	1 374	2 907	45 864	214 244	345 177	555 067	16 919
3364	Aerospace product and parts manufacturing ..	-	80	44	24 809	1 559 673	10 212	20 610	425 523	3 943 974	3 565 891	7 623 128	122 867
33641	Aerospace product and parts manufacturing ..	-	80	44	24 809	1 559 673	10 212	20 610	425 523	3 943 974	3 565 891	7 623 128	122 867
336411	Aircraft manufacturing ..	-	7	6	4 639	298 210	2 440	5 663	120 698	301 468	950 725	1 301 189	D
336412	Aircraft engine and engine parts manufacturing ..	-	28	15	5 577	311 891	2 411	4 481	92 123	1 348 933	963 015	2 339 651	40 829
336413	Other aircraft parts and auxiliary equipment manufacturing ..	-	38	18	h	D	D	D	D	D	D	D	21 120
336414	Guided missile and space vehicle manufacturing ..	-	3	3	j	D	D	D	D	D	D	D	D
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing ..	-	2	1	c	D	D	D	D	D	D	D	D
3366	Ship and boat building ..	3	9	4	e	D	D	D	D	D	D	D	D
33661	Ship and boat building ..	3	9	4	e	D	D	D	D	D	D	D	D
336612	Boat building ..	3	7	4	c	D	D	D	D	D	D	D	620
3369	Other transportation equipment manufacturing ..	-	'11	3	c	D	D	D	D	D	D	D	'973
33699	Other transportation equipment manufacturing ..	-	'11	3	c	D	D	D	D	D	D	D	'973
336991	Motorcycle, bicycle, and parts manufacturing ..	-	6	2	c	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing ..	3	'412	87	'9 010	'238 060	'7 196	'13 824	'160 833	'533 279	'445 558	'985 657	'41 525
3371	Household and institutional furniture and kitchen cabinet manufacturing ..	3	'323	58	'7 190	'178 420	'5 897	'11 276	'124 029	'388 868	'340 887	'735 716	'34 600
33711	Wood kitchen cabinet and countertop manufacturing ..	1	163	27	2 591	75 762	1 980	3 889	49 126	201 148	147 059	347 046	25 129
337110	Wood kitchen cabinet and countertop manufacturing ..	1	163	27	2 591	75 762	1 980	3 889	49 126	201 148	147 059	347 046	25 129
33712	Household and institutional furniture manufacturing ..	4	'160	31	'4 599	'102 658	'3 917	'7 387	'74 903	'187 720	'193 828	'388 670	'9 471
337121	Upholstered household furniture manufacturing ..	2	28	6	376	8 696	326	601	6 878	20 992	22 562	43 563	651
337122	Nonupholstered wood household furniture manufacturing ..	5	'109	20	'3 744	'81 222	'3 211	'5 959	'59 696	'141 280	'152 377	'294 550	'5 066
337124	Metal household furniture manufacturing ..	4	11	2	142	3 848	112	223	2 605	S	8 512	14 548	210
337127	Institutional furniture manufacturing ..	1	8	2	c	D	D	D	D	D	D	D	D
337129	Wood television, radio, and sewing machine cabinet manufacturing ..	-	3	1	c	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing ..	4	61	20	1 142	37 421	806	1 581	23 587	67 772	43 934	111 326	4 687
33721	Office furniture (including fixtures) manufacturing ..	4	61	20	1 142	37 421	806	1 581	23 587	67 772	43 934	111 326	4 687
337211	Wood office furniture manufacturing ..	6	8	3	139	3 803	108	217	2 516	6 988	4 868	11 856	D
337212	Custom architectural woodwork and millwork manufacturing ..	4	27	9	590	20 432	402	816	12 008	37 863	22 466	59 712	D
337215	Showcase, partition, shelving, and locker manufacturing ..	4	22	7	373	11 890	268	491	8 144	19 090	14 242	33 569	436
3379	Other furniture related product manufacturing ..	-	28	9	678	22 219	493	967	13 217	76 639	60 737	138 615	2 238
33791	Mattress manufacturing ..	-	15	5	451	17 431	345	672	10 726	63 541	50 034	113 280	1 310
337910	Mattress manufacturing ..	-	15	5	451	17 431	345	672	10 726	63 541	50 034	113 280	1 310
33792	Blind and shade manufacturing ..	-	13	4	227	4 788	148	295	2 491	13 098	10 703	25 335	928
337920	Blind and shade manufacturing ..	-	13	4	227	4 788	148	295	2 491	13 098	10 703	25 335	928
339	Miscellaneous manufacturing ..	2	'574	'87	'10 620	'416 017	'6 515	'11 785	'178 687	'1 211 001	'554 974	'1 758 438	'41 744

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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
ARIZONA—Con.													
339	Miscellaneous manufacturing—Con.												
3391	Medical equipment and supplies manufacturing	3	'238	33	'5 085	'225 764	'2 977	'5 071	'93 671	'776 525	'229 272	'1 001 588	'20 311
33911	Medical equipment and supplies manufacturing	3	'238	33	'5 085	'225 764	'2 977	'5 071	'93 671	'776 525	'229 272	'1 001 588	'20 311
339111	Laboratory apparatus and furniture manufacturing	2	5	1	103	4 755	65	149	2 660	6 892	3 469	10 323	181
339112	Surgical and medical instrument manufacturing ..	3	16	9	1 198	57 588	590	994	13 840	198 699	37 303	240 028	3 267
339113	Surgical appliance and supplies manufacturing	3	40	11	2 683	130 693	1 480	2 426	54 571	511 193	171 144	674 424	14 621
339114	Dental equipment and supplies manufacturing	4	16	1	119	3 499	78	84	1 421	5 751	2 466	8 182	297
339116	Dental laboratories	4	'154	11	'920	'27 097	'716	'1 325	'19 879	'48 412	'11 805	'59 871	'1 677
3399	Other miscellaneous manufacturing	2	'336	'54	'5 535	'190 253	'3 538	'6 714	'85 016	'434 476	'325 702	'756 850	'21 433
33991	Jewelry and silverware manufacturing	5	45	—	131	3 598	96	156	2 022	7 095	8 563	15 612	262
33992	Sporting and athletic goods manufacturing	—	37	8	1 913	73 286	1 206	2 454	32 076	185 333	121 788	309 168	12 723
339920	Sporting and athletic goods manufacturing	—	37	8	1 913	73 286	1 206	2 454	32 076	185 333	121 788	309 168	12 723
33993	Doll, toy, and game manufacturing	2	17	1	c	D	D	D	D	D	D	D	145
339932	Game, toy, and children's vehicle manufacturing	2	16	1	115	3 128	75	117	1 310	9 344	8 823	17 754	D
33995	Sign manufacturing	4	117	17	1 404	54 602	685	1 288	18 854	100 076	94 570	197 567	3 717
339950	Sign manufacturing	4	117	17	1 404	54 602	685	1 288	18 854	100 076	94 570	197 567	3 717
33999	All other miscellaneous manufacturing	3	'108	'28	'1 925	'54 128	'1 445	'2 637	'29 945	'129 636	'88 771	'210 614	'4 520
339992	Musical instrument manufacturing	1	9	1	162	3 263	144	236	2 239	16 396	3 031	11 352	216
339999	All other miscellaneous manufacturing	3	'87	'26	'1 645	'47 385	'1 204	'2 181	'25 125	'104 383	'80 474	'185 046	'4 163

¹Some 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.

²Includes establishments with payroll at any time during the year.

³Industries 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.

⁴Number 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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FLAGSTAFF, AZ METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	100	19	3 596	155 821	2 193	3 697	73 468	597 513	146 965	731 387	18 351
339	Miscellaneous manufacturing	4	23	7	h	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	4	11	6	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	4	11	6	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	9	1	1	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	3	6	5	g	D	D	D	D	D	D	D	D
LAKE HAVASU CITY-KINGMAN, AZ MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	'164	30	'3 385	'105 642	'2 672	'5 430	'73 142	'353 329	'384 119	'738 682	'31 671
321	Wood product manufacturing	-	8	2	e	D	D	D	D	D	D	D	428
3212	Veneer, plywood, and engineered wood product manufacturing	-	4	2	262	2 365	213	325	1 753	5 490	4 424	9 912	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	4	2	262	2 365	213	325	1 753	5 490	4 424	9 912	D
321214	Truss manufacturing	-	4	2	262	2 365	213	325	1 753	5 490	4 424	9 912	D
326	Plastics and rubber products manufacturing	2	7	4	503	19 170	359	825	11 172	51 434	59 436	111 329	1 630
3261	Plastics product manufacturing ..	2	6	3	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	3	2	e	D	D	D	D	D	D	D	260
327	Nonmetallic mineral product manufacturing	3	15	5	373	14 388	296	639	10 773	55 401	20 366	75 626	1 730
331	Primary metal manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	17	6	e	D	D	D	D	D	D	D	757
337	Furniture and related product manufacturing	-	18	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	16	1	e	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	14	1	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	-	14	1	e	D	D	D	D	D	D	D	D
NOGALES, AZ MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	41	8	f	D	D	D	D	D	D	D	D
PAYSON, AZ MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	21	2	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	-	1	1	g	D	D	D	D	D	D	D	D
33141	Nonferrous metal (except aluminum) smelting and refining	-	1	1	g	D	D	D	D	D	D	D	D
331411	Primary smelting and refining of copper	-	1	1	g	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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	PHOENIX-MESA-SCOTTSDALE, AZ METROPOLITAN STATISTICAL AREA												
31-33	Manufacturing	1	'3 446	'984	'121 324	'5 041 257	'77 297	'153 238	'2 404 757	'20 197 745	'11 401 775	'31 727 962	'692 717
311	Food manufacturing	—	157	45	6 394	199 643	4 641	9 803	125 038	1 225 564	1 356 482	2 571 237	51 282
3115	Dairy product manufacturing	—	11	8	1 224	55 647	747	1 713	32 361	630 466	437 888	1 069 158	13 343
31151	Dairy product (except frozen) manufacturing	—	9	8	1 221	55 557	745	1 709	32 305	630 083	437 616	1 068 503	13 328
311511	Fluid milk manufacturing	1	6	5	686	29 318	377	839	14 344	101 761	210 371	313 821	5 688
311514	Dry, condensed, and evaporated dairy product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	14	4	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	14	4	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	5	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	74	20	2 389	68 677	1 650	3 255	40 309	161 958	110 138	271 141	12 232
31181	Bread and bakery product manufacturing	1	63	16	1 918	56 205	1 260	2 649	31 430	118 607	88 250	205 981	D
311811	Retail bakeries	1	36	3	302	4 599	134	169	1 923	9 897	6 228	16 119	D
311812	Commercial bakeries	1	27	13	1 616	51 606	1 126	2 480	29 507	108 710	82 022	189 862	6 565
31183	Tortilla manufacturing	1	9	4	e	D	D	D	D	D	D	D	D
311830	Tortilla manufacturing	1	9	4	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	2	27	5	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	3	17	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	15	8	847	32 087	412	834	12 164	138 178	346 539	486 664	18 556
3121	Beverage manufacturing	—	14	7	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	12	7	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	6	5	735	28 495	355	721	10 529	107 289	341 593	450 975	17 855
314	Textile product mills	1	64	12	g	D	D	D	D	D	D	D	D
3149	Other textile product mills	1	39	12	f	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills ...	1	15	5	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	1	24	7	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	1	22	6	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	6	53	8	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	7	37	5	e	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	7	31	4	e	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	9	26	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	138	64	7 169	200 668	5 253	10 824	119 777	375 723	460 470	833 254	11 904
3212	Veneer, plywood, and engineered wood product manufacturing	—	22	14	g	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	22	14	g	D	D	D	D	D	D	D	D
321214	Truss manufacturing	—	20	14	g	D	D	D	D	D	D	D	2 203
3219	Other wood product manufacturing	2	112	49	5 630	155 165	4 015	8 151	90 960	293 846	347 193	638 351	9 585
32191	Millwork	2	57	24	g	D	D	D	D	D	D	D	4 702
321911	Wood window and door manufacturing	2	19	9	596	17 024	435	901	10 357	29 811	25 497	55 358	858
321912	Cut stock, resawing lumber, and planing	—	9	6	g	D	D	D	D	D	D	D	2 855
321918	Other millwork (including flooring)	7	29	9	e	D	D	D	D	D	D	D	989
32192	Wood container and pallet manufacturing	5	18	7	e	D	D	D	D	D	D	D	492
321920	Wood container and pallet manufacturing	5	18	7	e	D	D	D	D	D	D	D	492
32199	All other wood product manufacturing	2	37	18	2 947	82 864	2 406	4 918	56 025	159 932	195 011	352 992	4 391
321991	Manufactured home (mobile home) manufacturing	—	13	10	2 248	63 321	1 854	3 815	42 931	115 110	148 021	261 478	2 120
321992	Prefabricated wood building manufacturing	8	9	4	444	13 280	341	681	7 929	25 404	31 665	56 276	978
321999	All other miscellaneous wood product manufacturing	4	15	4	255	6 263	211	422	5 165	19 418	15 325	35 238	1 293

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PHOENIX-MESA-SCOTTSDALE, AZ METROPOLITAN STATISTICAL AREA—Con.													
322	Paper manufacturing	4	35	18	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	4	35	18	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	14	7	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	10	5	f	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	1	6	4	348	11 996	277	583	7 887	24 034	29 580	53 670	620
322232	Envelope manufacturing	—	3	2	250	8 820	201	423	6 071	18 308	16 258	34 651	399
32229	Other converted paper product manufacturing	9	9	4	f	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	8	8	3	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	437	78	5 626	188 446	4 006	7 283	115 926	428 010	213 305	638 412	36 002
3231	Printing and related support activities	2	437	78	5 626	188 446	4 006	7 283	115 926	428 010	213 305	638 412	36 002
32311	Printing	2	394	68	4 709	154 388	3 230	5 801	90 433	360 302	198 886	555 681	33 347
323110	Commercial lithographic printing	2	161	41	2 584	88 277	1 792	3 227	53 325	201 980	112 364	311 275	19 978
323113	Commercial screen printing	3	54	9	f	D	D	D	D	D	D	D	793
323114	Quick printing	3	100	5	612	18 746	407	731	11 112	40 958	19 577	60 477	3 077
323116	Manifold business forms printing	3	15	6	333	11 546	217	464	6 520	42 086	19 322	61 218	7 179
32312	Support activities for printing	1	43	10	917	34 058	776	1 482	25 493	67 708	14 419	82 731	2 655
323121	Tradebinding and related work	5	20	6	333	8 724	289	523	6 493	14 863	4 058	18 911	D
323122	Prepress services	—	23	4	584	25 334	487	959	19 000	52 845	10 361	63 820	D
324	Petroleum and coal products manufacturing	1	16	4	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	1	16	4	e	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	14	4	e	D	D	D	D	D	D	D	D
324121	Asphalt paving mixture and block manufacturing	—	11	4	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	3	129	38	2 679	116 003	1 729	3 292	63 866	512 083	300 970	820 217	25 798
3251	Basic chemical manufacturing	—	13	3	259	13 158	138	301	5 821	48 152	44 414	94 029	2 796
3254	Pharmaceutical and medicine manufacturing	2	21	10	735	37 104	553	832	23 927	247 856	84 938	340 262	8 917
32541	Pharmaceutical and medicine manufacturing	2	21	10	735	37 104	553	832	23 927	247 856	84 938	340 262	8 917
325412	Pharmaceutical preparation manufacturing	2	11	6	554	29 427	429	578	19 639	226 936	67 003	301 214	D
3255	Paint, coating, and adhesive manufacturing	3	23	4	253	9 287	151	299	4 499	31 362	31 151	63 018	1 501
3256	Soap, cleaning compound, and toilet preparation manufacturing	3	20	6	335	10 201	222	456	5 185	46 674	31 484	77 942	D
32562	Toilet preparation manufacturing	3	9	4	e	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	3	9	4	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	5	39	12	961	39 667	566	1 196	20 386	115 181	84 706	198 065	10 715
32599	All other chemical product and preparation manufacturing	6	32	10	658	26 899	421	892	15 215	79 161	67 068	146 396	D
325998	All other miscellaneous chemical product and preparation manufacturing	7	13	4	e	D	D	D	D	D	D	D	2 113
326	Plastics and rubber products manufacturing	1	159	70	6 362	201 316	4 787	9 609	123 242	582 857	481 685	1 049 796	56 299
3261	Plastics product manufacturing	1	142	63	6 018	189 838	4 545	9 139	116 614	560 581	460 061	1 006 283	55 036
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	2	9	4	e	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	—	12	7	771	24 770	655	1 465	19 206	124 778	109 430	228 795	20 112
326121	Unlaminated plastics profile shape manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	—	8	5	465	11 288	418	922	9 186	55 057	49 121	104 956	1 183
326140	Polystyrene foam product manufacturing	—	8	5	465	11 288	418	922	9 186	55 057	49 121	104 956	1 183

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	PHOENIX-MESA-SCOTTSDALE, AZ METROPOLITAN STATISTICAL AREA—Con.												
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32619	Other plastics product manufacturing	1	97	40	4 116	131 945	2 963	5 707	73 484	312 492	225 824	531 829	26 838
326191	Plastics plumbing fixture manufacturing	1	6	4	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	90	35	3 743	119 139	2 720	5 258	67 180	280 612	198 157	473 991	25 644
3262	Rubber product manufacturing ...	2	17	7	344	11 478	242	470	6 628	22 276	21 624	43 513	1 263
327	Nonmetallic mineral product manufacturing	1	162	68	4 449	148 917	3 432	6 625	99 237	438 422	383 076	818 794	25 600
3271	Clay product and refractory manufacturing	1	18	4	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	1	27	6	445	15 749	300	631	10 098	33 019	25 001	57 986	2 655
32721	Glass and glass product manufacturing	1	27	6	445	15 749	300	631	10 098	33 019	25 001	57 986	2 655
327215	Glass product manufacturing made of purchased glass ..	1	22	6	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	88	52	3 322	113 284	2 610	4 976	76 209	360 340	317 924	675 347	20 154
32732	Ready-mix concrete manufacturing	1	39	20	1 187	37 074	1 023	1 635	28 535	121 745	158 506	280 484	8 632
327320	Ready-mix concrete manufacturing	1	39	20	1 187	37 074	1 023	1 635	28 535	121 745	158 506	280 484	8 632
32733	Concrete pipe, brick, and block manufacturing	1	23	16	f	D	D	D	D	D	D	D	7 475
327331	Concrete block and brick manufacturing	1	18	11	516	17 639	386	756	10 058	71 268	63 023	132 444	D
327332	Concrete pipe manufacturing	1	5	5	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	—	25	15	1 209	44 216	843	1 787	26 052	116 790	64 524	179 923	D
327390	Other concrete product manufacturing	—	25	15	1 209	44 216	843	1 787	26 052	116 790	64 524	179 923	D
3279	Other nonmetallic mineral product manufacturing	2	26	5	296	8 763	221	446	5 536	22 264	13 556	35 920	905
32799	All other nonmetallic mineral product manufacturing	1	25	5	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	45	20	2 447	96 007	1 923	4 149	67 264	217 869	297 370	526 432	14 557
3312	Steel product manufacturing from purchased steel	—	7	2	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	1	9	6	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	1	9	6	g	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	12	5	e	D	D	D	D	D	D	D	D
3315	Foundries	1	16	7	723	24 482	582	1 190	17 514	44 850	34 915	78 266	D
33151	Ferrous metal foundries	—	8	3	e	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	—	3	2	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries....	3	8	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	659	172	14 119	537 860	10 234	19 693	329 466	1 402 401	1 029 841	2 427 539	61 990
3321	Forging and stamping.....	2	25	12	752	31 614	590	1 251	20 126	73 737	81 507	157 964	3 514
33211	Forging and stamping.....	2	25	12	752	31 614	590	1 251	20 126	73 737	81 507	157 964	3 514
332116	Metal stamping	1	15	7	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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	PHOENIX-MESA-SCOTTSDALE, AZ METROPOLITAN STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing	3	184	65	4 813	158 742	3 368	6 191	91 994	407 125	370 531	769 788	15 713
33231	Plate work and fabricated structural product manufacturing	4	48	22	1 811	62 726	1 283	2 376	37 158	200 601	189 054	389 398	4 267
332311	Prefabricated metal building and component manufacturing	9	6	2	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	4	40	19	1 169	44 428	848	1 648	26 875	164 696	144 851	309 366	2 868
33232	Ornamental and architectural metal products manufacturing	2	136	43	3 002	96 016	2 085	3 815	54 836	206 524	181 477	380 390	11 446
332321	Metal window and door manufacturing	2	23	12	g	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	2	65	22	1 196	37 195	837	1 563	22 265	91 387	76 588	167 837	5 836
332323	Ornamental and architectural metal work manufacturing ..	5	48	9	f	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	—	11	5	324	12 461	250	514	8 375	39 259	61 977	100 728	2 979
3325	Hardware manufacturing	—	14	5	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	14	5	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	14	5	e	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	1	19	5	378	12 617	288	586	8 055	40 859	31 601	70 595	2 765
33261	Spring and wire product manufacturing	1	19	5	378	12 617	288	586	8 055	40 859	31 601	70 595	2 765
3327	Machine shops: turned product; and screw, nut, and bolt manufacturing	2	251	46	3 548	132 256	2 737	5 444	93 827	242 551	109 205	352 595	21 431
33271	Machine shops	2	219	32	2 547	94 303	1 875	3 607	63 739	176 591	72 749	249 933	8 936
332710	Machine shops	2	219	32	2 547	94 303	1 875	3 607	63 739	176 591	72 749	249 933	8 936
33272	Turned product and screw, nut, and bolt manufacturing	1	32	14	1 001	37 953	862	1 837	30 088	65 960	36 456	102 662	12 495
332721	Precision turned product manufacturing	—	26	12	f	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	3	79	14	1 154	33 739	931	1 728	23 623	73 309	29 103	102 277	3 238
33281	Coating, engraving, heat treating, and allied activities ..	3	79	14	1 154	33 739	931	1 728	23 623	73 309	29 103	102 277	3 238
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	4	39	9	658	18 109	555	1 032	13 078	40 217	18 992	58 902	D
332813	Electroplating, plating, polishing, anodizing, and coloring	3	31	4	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	67	20	2 822	145 087	1 820	3 494	75 787	491 399	325 823	819 547	10 453
33291	Metal valve manufacturing	—	13	6	g	D	D	D	D	D	D	D	6 973
332912	Fluid power valve and hose fitting manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	54	14	g	D	D	D	D	D	D	D	3 480
332995	Other ordnance and accessories manufacturing .	—	2	1	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	1	36	10	f	D	D	D	D	D	D	D	1 452
333	Machinery manufacturing	2	'229	'59	'7 016	'293 070	'4 221	'8 564	'134 596	'653 510	'650 707	'1 278 232	'36 200
3331	Agriculture, construction, and mining machinery manufacturing	1	16	8	1 017	34 807	741	1 488	21 030	100 014	160 196	251 174	3 794
33311	Agricultural implement manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	3	3	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	5	6	4	e	D	D	D	D	D	D	D	280
333120	Construction machinery manufacturing	5	6	4	e	D	D	D	D	D	D	D	280

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PHOENIX-MESA-SCOTTSDALE, AZ METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing—Con.												
3332	Industrial machinery manufacturing	—	'52	'20	'2 463	'119 100	'1 284	'2 752	'46 288	'255 632	'250 509	'484 877	'19 402
33329	Other industrial machinery manufacturing	—	'44	'17	g	D	D	D	D	D	D	D	D
333293	Printing machinery and equipment manufacturing ..	—	'7	'3	'251	'8 208	'195	'361	'5 124	'18 658	'10 517	'29 217	'332
333295	Semiconductor machinery manufacturing	—	20	10	g	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	1	'11	'4	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	5	38	4	416	17 814	210	402	6 244	38 018	30 149	68 101	D
33331	Commercial and service industry machinery manufacturing	5	38	4	416	17 814	210	402	6 244	38 018	30 149	68 101	D
333319	Other commercial and service industry machinery manufacturing	5	22	3	296	13 080	131	258	3 787	28 231	22 094	50 255	1 284
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	22	10	g	D	D	D	D	D	D	D	2 439
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	22	10	g	D	D	D	D	D	D	D	2 439
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	16	9	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	4	63	10	943	39 202	649	1 335	24 477	76 911	43 901	119 936	3 444
33351	Metalworking machinery manufacturing	4	63	10	943	39 202	649	1 335	24 477	76 911	43 901	119 936	3 444
333511	Industrial mold manufacturing	—	17	4	300	11 919	232	511	9 114	25 016	9 608	34 120	D
3339	Other general purpose machinery manufacturing	3	32	6	888	37 044	473	936	14 588	60 949	73 013	135 398	5 270
33392	Material handling equipment manufacturing	8	8	1	e	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	9	3	1	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	18	4	520	20 854	285	542	8 852	37 878	41 634	79 682	4 557
333999	All other miscellaneous general purpose machinery manufacturing	—	15	4	504	19 746	278	526	8 436	36 059	39 206	75 100	4 462
334	Computer and electronic product manufacturing	—	247	106	27 608	1 504 461	13 287	26 538	512 086	10 312 527	2 008 913	12 417 237	183 025
3341	Computer and peripheral equipment manufacturing	4	26	6	f	D	D	D	D	D	D	D	3 469
33411	Computer and peripheral equipment manufacturing	4	26	6	f	D	D	D	D	D	D	D	3 469
334119	Other computer peripheral equipment manufacturing ..	3	18	5	499	27 202	343	666	17 031	38 982	52 436	90 100	D
3342	Communications equipment manufacturing	3	23	11	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	3	16	8	1 003	48 992	578	1 315	19 849	108 410	91 019	200 871	4 859
334220	Radio and television broadcasting and wireless communications equipment manufacturing	3	16	8	1 003	48 992	578	1 315	19 849	108 410	91 019	200 871	4 859
3344	Semiconductor and other electronic component manufacturing	—	108	59	18 288	970 156	10 095	20 262	390 318	9 016 376	1 145 939	10 268 573	123 047
33441	Semiconductor and other electronic component manufacturing	—	108	59	18 288	970 156	10 095	20 262	390 318	9 016 376	1 145 939	10 268 573	123 047
334411	Electron tube manufacturing ..	9	3	1	e	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	2	10	8	460	15 627	342	711	9 217	34 803	24 179	58 956	D
334413	Semiconductor and related device manufacturing	—	39	21	j	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	—	3	2	g	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	PHOENIX-MESA-SCOTTSDALE, AZ METROPOLITAN STATISTICAL AREA—Con.												
334	Computer and electronic product manufacturing—Con.												
3344	Semiconductor and other electronic component manufacturing—Con.												
33441	Semiconductor and other electronic component manufacturing—Con.												
334418	Printed circuit assembly (electronic assembly) manufacturing	—	20	14	h	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	26	10		751	29 002	422	853	14 514	55 570	33 347	90 991
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	67	25		7 119	433 847	1 909	3 587	76 242	1 026 204	661 940	1 678 683
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	67	25		7 119	433 847	1 909	3 587	76 242	1 026 204	661 940	1 678 683
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	2	5	3	f		D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	17	9		4 382	276 434	945	1 813	43 489	842 954	423 342	1 258 913
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	9	3		1 211	81 810	327	605	11 157	96 917	135 284	229 362
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	20	5	f		D	D	D	D	D	D	2 440
335	Electrical equipment, appliance, and component manufacturing	1	65	18		2 704	95 404	1 771	3 190	41 147	275 724	244 309	520 900
3351	Electric lighting equipment manufacturing	—	13	4		619	25 526	379	781	9 976	77 250	44 946	122 085
33512	Lighting fixture manufacturing ..	—	13	4		619	25 526	379	781	9 976	77 250	44 946	122 085
335129	Other lighting equipment manufacturing	—	7	3	e		D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	3	21	6	e		D	D	D	D	D	D	1 434
33531	Electrical equipment manufacturing	3	21	6	e		D	D	D	D	D	D	1 434
335312	Motor and generator manufacturing	3	7	3	e		D	D	D	D	D	D	827
3359	Other electrical equipment and component manufacturing	1	26	6		1 487	50 960	924	1 517	18 676	107 558	160 378	268 624
33592	Communication and energy wire and cable manufacturing ..	1	8	2	g		D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	—	7	2	g		D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	172	67	j		D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	26	7	f		D	D	D	D	D	D	2 913
33621	Motor vehicle body and trailer manufacturing	1	26	7	f		D	D	D	D	D	D	2 913
336211	Motor vehicle body manufacturing	—	10	4	e		D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	71	22	h		D	D	D	D	D	D	22 320
33631	Motor vehicle gasoline engine and engine parts manufacturing	4	20	3	e		D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	1	e		D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	1	e		D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	1	3	1	e		D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	1	3	1	e		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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	PHOENIX-MESA-SCOTTSDALE, AZ METROPOLITAN STATISTICAL AREA—Con.												
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33639	Other motor vehicle parts manufacturing	—	26	10	g	D	D	D	D	D	D	D	16 919
336399	All other motor vehicle parts manufacturing	—	25	9	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	62	35	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	62	35	j	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	6	5	h	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	24	14	i	D	D	D	D	D	D	D	40 669
336413	Other aircraft parts and auxiliary equipment manufacturing	1	28	14	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	'277	70	'7 542	'200 689	'6 016	'11 603	'134 097	'405 954	'336 072	'740 817	'17 176
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	'205	44	'5 884	'145 990	'4 830	'9 278	'100 117	'267 979	'237 267	'506 037	'10 470
33711	Wood kitchen cabinet and countertop manufacturing	2	92	17	1 625	50 981	1 186	2 395	30 610	88 909	57 899	146 227	D
337110	Wood kitchen cabinet and countertop manufacturing ..	2	92	17	1 625	50 981	1 186	2 395	30 610	88 909	57 899	146 227	D
33712	Household and institutional furniture manufacturing	4	'113	27	'4 259	'95 009	'3 644	'6 883	'69 507	'179 070	'179 368	'359 810	D
337121	Upholstered household furniture manufacturing	2	23	6	331	7 574	288	530	6 020	18 359	19 746	38 114	563
337122	Nonupholstered wood household furniture manufacturing	5	'77	18	'3 586	'78 026	'3 073	'5 700	'56 913	'134 698	'147 356	'283 355	D
3372	Office furniture (including fixtures) manufacturing	4	52	18	1 029	33 665	730	1 421	21 503	61 107	39 776	100 552	4 505
33721	Office furniture (including fixtures) manufacturing	4	52	18	1 029	33 665	730	1 421	21 503	61 107	39 776	100 552	4 505
337212	Custom architectural woodwork and millwork manufacturing	4	22	7	493	17 185	338	682	10 262	32 387	19 139	50 958	3 765
337215	Showcase, partition, shelving, and locker manufacturing	4	21	7	e	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	—	20	8	629	21 034	456	904	12 477	76 868	59 029	134 228	2 201
33791	Mattress manufacturing	—	11	5	436	16 924	333	648	10 384	61 734	48 638	110 077	1 285
337910	Mattress manufacturing	—	11	5	436	16 924	333	648	10 384	61 734	48 638	110 077	1 285
339	Miscellaneous manufacturing	2	370	'57	'5 655	'219 497	'3 443	'6 441	'90 506	'514 489	'282 059	'804 371	'20 643
3391	Medical equipment and supplies manufacturing	2	'153	16	'1 560	'69 812	'865	'1 534	'24 238	'186 293	'39 127	'228 960	'3 783
33911	Medical equipment and supplies manufacturing	2	'153	16	'1 560	'69 812	'865	'1 534	'24 238	'186 293	'39 127	'228 960	'3 783
339112	Surgical and medical instrument manufacturing ..	—	8	4	525	34 936	162	272	4 465	116 188	9 133	129 485	993
339116	Dental laboratories	'3	'104	9	'588	'17 778	'456	'835	'13 166	'30 820	'7 846	'38 293	'727
3399	Other miscellaneous manufacturing	2	'217	'41	'4 095	'149 685	'2 578	'4 907	'66 268	'328 196	'242 932	'575 411	'16 860
33992	Sporting and athletic goods manufacturing	—	24	3	1 286	53 735	835	1 673	24 791	130 825	85 759	217 745	D
339920	Sporting and athletic goods manufacturing	—	24	3	1 286	53 735	835	1 673	24 791	130 825	85 759	217 745	D
33995	Sign manufacturing	5	83	15	1 150	47 177	541	1 009	15 400	88 158	63 409	154 423	3 036
339950	Sign manufacturing	5	83	15	1 150	47 177	541	1 009	15 400	88 158	63 409	154 423	3 036
33999	All other miscellaneous manufacturing	3	'63	'21	'1 389	'40 660	'1 036	'1 933	'22 652	'90 523	'73 398	'164 118	D
339999	All other miscellaneous manufacturing	3	'55	'20	'1 285	'37 660	'949	'1 734	'20 353	'82 868	'68 746	'151 718	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PRESCOTT, AZ METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	'200	40	'3 622	'99 617	'2 748	'5 393	'67 074	'246 821	'174 862	'421 297	'13 765
326	Plastics and rubber products manufacturing	—	7	4	512	15 705	453	924	12 651	39 674	41 443	81 911	812
3261	Plastics product manufacturing ..	—	7	4	512	15 705	453	924	12 651	39 674	41 443	81 911	812
32619	Other plastics product manufacturing	—	4	2	e	D	D	D	D	D	D	D	338
326199	All other plastics product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	17	7	379	10 904	290	579	7 768	27 177	28 017	55 484	2 603
331	Primary metal manufacturing	—	8	3	e	D	D	D	D	D	D	D	D
3315	Foundries	1	7	2	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	1	7	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	34	7	545	15 528	430	930	11 627	44 797	16 388	61 461	2 440
333	Machinery manufacturing	9	5	2	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	5	41	4	354	10 242	242	448	5 663	29 171	16 422	45 495	2 290
SIERRA VISTA-DOUGLAS, AZ MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	43	9	497	14 664	311	547	7 400	52 940	51 700	106 611	5 111
TUCSON, AZ METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	'748	169	'29 393	'1 463 831	'14 448	'27 783	'448 775	'3 937 005	'2 812 557	'6 832 629	'162 644
311	Food manufacturing	4	'36	2	e	D	D	D	D	D	D	D	'883
3118	Bakeries and tortilla manufacturing	2	'26	2	'264	'7 135	'148	'289	'3 480	'20 095	'7 873	'27 982	'542
312	Beverage and tobacco product manufacturing	5	7	3	473	14 820	93	189	2 670	57 281	76 603	133 874	5 446
3121	Beverage manufacturing	5	7	3	473	14 820	93	189	2 670	57 281	76 603	133 874	5 446
31211	Soft drink and ice manufacturing	5	4	3	e	D	D	D	D	D	D	D	5 414
312111	Soft drink manufacturing	6	3	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	21	8	674	17 341	522	1 012	10 736	34 802	38 880	74 127	3 367
3219	Other wood product manufacturing	2	19	7	f	D	D	D	D	D	D	D	D
32191	Millwork	2	13	7	575	14 257	455	877	9 055	28 020	31 658	60 087	3 131
321911	Wood window and door manufacturing	3	6	4	e	D	D	D	D	D	D	D	2 963
323	Printing and related support activities	2	85	13	918	25 296	589	1 092	15 585	51 968	27 437	79 303	5 147
3231	Printing and related support activities	2	85	13	918	25 296	589	1 092	15 585	51 968	27 437	79 303	5 147
32311	Printing	2	75	13	f	D	D	D	D	D	D	D	4 908
323110	Commercial lithographic printing	2	35	10	602	16 371	365	711	10 036	33 574	18 161	51 628	3 357
325	Chemical manufacturing	1	26	4	582	34 704	210	376	7 771	92 397	38 925	128 298	9 003
3254	Pharmaceutical and medicine manufacturing	—	6	2	491	31 135	152	274	5 982	72 630	24 625	94 279	D
32541	Pharmaceutical and medicine manufacturing	—	6	2	491	31 135	152	274	5 982	72 630	24 625	94 279	D
325412	Pharmaceutical preparation manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	32	14	1 017	28 093	766	1 425	17 373	74 904	50 954	123 746	3 489
3261	Plastics product manufacturing ..	2	27	12	935	25 612	705	1 289	15 837	69 155	47 526	114 610	D
32619	Other plastics product manufacturing	2	24	10	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	18	8	696	18 010	533	930	11 092	50 923	31 891	81 417	2 818

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TUCSON, AZ METROPOLITAN STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing	2	55	18	1 294	50 832	967	2 074	32 860	182 842	132 670	316 765	17 614
3271	Clay product and refractory manufacturing	5	19	6	423	14 804	309	625	8 492	32 580	17 535	49 880	967
32711	Pottery, ceramics, and plumbing fixture manufacturing	6	15	5	364	12 760	268	559	7 413	27 060	15 309	42 390	D
3273	Cement and concrete product manufacturing	1	22	10	700	29 985	534	1 192	21 045	130 550	101 729	233 524	16 008
32732	Ready-mix concrete manufacturing	3	8	4	287	12 026	235	511	9 342	24 299	44 913	69 154	D
327320	Ready-mix concrete manufacturing	3	8	4	287	12 026	235	511	9 342	24 299	44 913	69 154	D
332	Fabricated metal product manufacturing	4	151	29	3 164	111 621	2 213	4 302	65 837	428 471	231 292	665 009	15 217
3323	Architectural and structural metals manufacturing	1	42	10	1 427	39 556	1 051	2 054	27 207	100 995	61 736	162 012	5 184
33231	Plate work and fabricated structural product manufacturing	2	12	3	285	7 707	130	256	3 823	24 393	11 588	36 177	552
332312	Fabricated structural metal manufacturing	1	7	3	254	6 597	108	211	3 110	22 167	9 613	31 976	475
33232	Ornamental and architectural metal products manufacturing	—	30	7	1 142	31 849	921	1 798	23 384	76 602	50 148	125 835	4 632
332322	Sheet metal work manufacturing	—	14	5	493	15 338	338	566	9 851	36 104	19 207	53 785	1 408
332323	Ornamental and architectural metal work manufacturing ..	1	14	1	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	57	9	702	28 611	514	1 033	18 429	60 271	26 939	88 093	1 607
33271	Machine shops	3	52	7	458	17 614	322	626	11 228	30 038	17 219	47 806	1 205
332710	Machine shops	3	52	7	458	17 614	322	626	11 228	30 038	17 219	47 806	1 205
3329	Other fabricated metal product manufacturing	7	21	5	663	28 506	405	701	12 919	223 194	82 860	307 716	6 756
33291	Metal valve manufacturing	8	4	3	e	D	D	D	D	D	D	D	5 589
333	Machinery manufacturing	1	48	16	1 402	54 826	882	1 711	27 699	113 783	84 497	199 568	6 109
3331	Agriculture, construction, and mining machinery manufacturing	—	5	3	396	13 486	272	566	7 134	26 696	19 591	47 878	D
33311	Agricultural implement manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	13	3	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	13	3	e	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	2	15	3	264	9 269	198	289	6 770	17 308	7 987	25 128	1 404
33351	Metalworking machinery manufacturing	2	15	3	264	9 269	198	289	6 770	17 308	7 987	25 128	1 404
3339	Other general purpose machinery manufacturing	4	9	4	278	12 219	190	418	7 098	24 019	26 287	49 837	D
33399	All other general purpose machinery manufacturing	4	7	4	e	D	D	D	D	D	D	D	1 176
333999	All other miscellaneous general purpose machinery manufacturing	4	5	4	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	54	21	4 278	194 840	1 914	3 418	63 196	650 340	372 520	1 061 778	34 664
3344	Semiconductor and other electronic component manufacturing	—	21	8	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	21	8	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	4	2	296	12 938	124	226	3 144	26 039	15 436	39 793	D

See footnotes at end of table.

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NAICS code	Geographic area and industry	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TUCSON, AZ METROPOLITAN STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	21	9	1 890	99 473	794	1 448	27 647	224 694	186 334	430 265	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	21	9	1 890	99 473	794	1 448	27 647	224 694	186 334	430 265	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	—	6	4	1 146	63 819	533	922	18 666	112 838	132 565	250 470	D
335	Electrical equipment, appliance, and component manufacturing	—	11	5	406	16 358	203	452	4 008	32 510	23 110	52 322	375
336	Transportation equipment manufacturing	—	15	7	j	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	9	5	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	9	5	j	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	2	2	i	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	5	64	8	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	55	6	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	90	13	1 520	48 214	899	1 700	18 913	169 368	200 061	372 229	5 242
3391	Medical equipment and supplies manufacturing	1	42	5	628	22 336	364	628	8 035	103 987	135 512	241 406	3 265
33911	Medical equipment and supplies manufacturing	1	42	5	628	22 336	364	628	8 035	103 987	135 512	241 406	3 265
339112	Surgical and medical instrument manufacturing	3	6	4	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	48	8	892	25 878	535	1 072	10 878	65 381	64 549	130 823	1 977
33992	Sporting and athletic goods manufacturing	—	5	3	507	14 853	316	663	6 069	43 662	29 175	73 725	1 218
339920	Sporting and athletic goods manufacturing	—	5	3	507	14 853	316	663	6 069	43 662	29 175	73 725	1 218
YUMA, AZ METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	80	14	2 850	78 882	2 499	4 580	60 793	206 649	389 395	602 610	16 369
311	Food manufacturing	—	9	3	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
31199	All other food manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
313	Textile mills	—	2	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	2	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	—	2	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	—	2	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	5	1	e	D	D	D	D	D	D	D	151

¹Some 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.

²Includes establishments with payroll at any time during the year.
³Industries 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.

⁴Number 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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
COCONINO													
31-33	Manufacturing	3	100	19	3 596	155 821	2 193	3 697	73 468	597 513	146 965	731 387	18 351
339	Miscellaneous manufacturing	4	23	7	h	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	4	11	6	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	4	11	6	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	3	6	5	g	D	D	D	D	D	D	D	D
GILA													
31-33	Manufacturing	-	21	2	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	-	1	1	g	D	D	D	D	D	D	D	D
33141	Nonferrous metal (except aluminum) smelting and refining	-	1	1	g	D	D	D	D	D	D	D	D
331411	Primary smelting and refining of copper	-	1	1	g	D	D	D	D	D	D	D	D
MARICOPA													
31-33	Manufacturing	1	'3 353	'959	'118 504	'4 946 150	'75 211	'149 170	'2 342 395	'19 303 904	'11 047 209	'30 480 779	'668 329
311	Food manufacturing	1	148	41	5 847	175 702	4 299	9 002	109 342	604 249	1 173 970	1 769 772	D
3115	Dairy product manufacturing	-	10	7	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	8	7	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	1	6	5	686	29 318	377	839	14 344	101 761	210 371	313 821	5 688
3116	Animal slaughtering and processing	-	12	4	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	12	4	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	5	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	71	19	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	61	15	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	26	12	g	D	D	D	D	D	D	D	6 565
3119	Other food manufacturing	7	26	4	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	13	6	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	12	5	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
314	Textile product mills	1	64	12	g	D	D	D	D	D	D	D	D
3149	Other textile product mills	1	39	12	f	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	1	24	7	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	1	22	6	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	6	51	8	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	129	59	6 868	191 375	5 019	10 373	114 434	357 597	435 367	789 596	10 099
3212	Veneer, plywood, and engineered wood product manufacturing	-	20	12	g	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	20	12	g	D	D	D	D	D	D	D	D
321214	Truss manufacturing	-	18	12	g	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	2	106	47	i	D	D	D	D	D	D	D	D
32191	Millwork	2	56	24	g	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	2	19	9	596	17 024	435	901	10 357	29 811	25 497	55 358	858
321912	Cut stock, resawing lumber, and planing	-	9	6	g	D	D	D	D	D	D	D	2 855
32199	All other wood product manufacturing	2	34	16	h	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	-	11	9	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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MARICOPA—Con.													
322	Paper manufacturing	3	34	17	g	D	D	D	D	D	D	D	11 198
3222	Converted paper product manufacturing	3	34	17	g	D	D	D	D	D	D	D	11 198
32221	Paperboard container manufacturing	1	14	7	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	10	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	432	78	5 618	188 179	4 000	7 271	115 748	427 475	212 936	637 508	35 982
3231	Printing and related support activities	2	432	78	5 618	188 179	4 000	7 271	115 748	427 475	212 936	637 508	35 982
32311	Printing	2	389	68	4 701	154 121	3 224	5 789	90 255	359 767	198 517	554 777	33 327
323110	Commercial lithographic printing	2	159	41	h	D	D	D	D	D	D	D	D
323113	Commercial screen printing	3	53	9	f	D	D	D	D	D	D	D	D
323114	Quick printing	3	100	5	612	18 746	407	731	11 112	40 958	19 577	60 477	3 077
32312	Support activities for printing	1	43	10	917	34 058	776	1 482	25 493	67 708	14 419	82 731	2 655
323122	Prepress services	—	23	4	584	25 334	487	959	19 000	52 845	10 361	63 820	D
325	Chemical manufacturing	3	120	37	2 614	114 133	1 679	3 188	62 649	504 735	291 563	803 509	25 508
3254	Pharmaceutical and medicine manufacturing	2	20	10	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	2	20	10	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	2	11	6	554	29 427	429	578	19 639	226 936	67 003	301 214	D
3259	Other chemical product and preparation manufacturing	5	37	11	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	6	30	9	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	154	70	6 340	200 627	4 769	9 576	122 767	580 723	478 460	1 044 442	56 124
3261	Plastics product manufacturing ..	1	138	63	i	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unaminated profile shape manufacturing	—	12	7	771	24 770	655	1 465	19 206	124 778	109 430	228 795	20 112
326122	Plastics pipe and pipe fitting manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	96	40	h	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	89	35	h	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	151	64	4 154	141 478	3 169	6 135	93 096	408 772	351 315	757 489	24 269
3273	Cement and concrete product manufacturing	1	81	48	h	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	1	34	18	1 100	34 983	945	1 521	26 867	110 168	144 160	254 538	D
327320	Ready-mix concrete manufacturing	1	34	18	1 100	34 983	945	1 521	26 867	110 168	144 160	254 538	D
32733	Concrete pipe, brick, and block manufacturing	1	23	16	f	D	D	D	D	D	D	D	7 475
327331	Concrete block and brick manufacturing	1	18	11	516	17 639	386	756	10 058	71 268	63 023	132 444	D
32739	Other concrete product manufacturing	—	24	14	g	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	—	24	14	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	41	19	2 374	93 300	1 876	4 044	65 917	211 310	289 241	511 720	D
3313	Alumina and aluminum production and processing	1	9	6	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ..	1	9	6	g	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
3315	Foundries	1	15	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	640	168	13 324	514 008	9 658	18 694	314 605	1 349 419	974 520	2 319 412	59 831
3321	Forging and stamping.....	2	25	12	752	31 614	590	1 251	20 126	73 737	81 507	157 964	3 514
33211	Forging and stamping.....	2	25	12	752	31 614	590	1 251	20 126	73 737	81 507	157 964	3 514

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
MARICOPA—Con.													
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing	3	175	62	4 120	138 070	2 880	5 347	79 525	367 699	322 730	682 793	14 035
33231	Plate work and fabricated structural product manufacturing	3	44	20	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	3	38	18	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	2	131	42	h	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	2	23	12	g	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	1	64	21	g	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	5	44	9	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	246	46	h	D	D	D	D	D	D	D	D
33271	Machine shops	2	215	32	2 536	94 087	1 867	3 599	63 608	176 128	72 628	249 345	D
332710	Machine shops	2	215	32	2 536	94 087	1 867	3 599	63 608	176 128	72 628	249 345	D
33272	Turned product and screw, nut, and bolt manufacturing	1	31	14	f	D	D	D	D	D	D	D	D
332721	Precision turned product manufacturing	—	25	12	f	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	3	79	14	1 154	33 739	931	1 728	23 623	73 309	29 103	102 277	3 238
33281	Coating, engraving, heat treating, and allied activities ..	3	79	14	1 154	33 739	931	1 728	23 623	73 309	29 103	102 277	3 238
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	4	39	9	658	18 109	555	1 032	13 078	40 217	18 992	58 902	D
3329	Other fabricated metal product manufacturing	—	65	19	h	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	13	6	g	D	D	D	D	D	D	D	6 973
332912	Fluid power valve and hose fitting manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	52	13	g	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	1	34	9	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	'226	'58	i	D	D	D	D	D	D	D	'36 072
3331	Agriculture, construction, and mining machinery manufacturing	1	15	8	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	3	3	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	—	'52	'20	'2 463	'119 100	'1 284	'2 752	'46 288	'255 632	'250 509	'484 877	'19 402
33329	Other industrial machinery manufacturing	—	'44	'17	g	D	D	D	D	D	D	D	D
333295	Semiconductor machinery manufacturing	—	20	10	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	21	9	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	21	9	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	15	8	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	4	63	10	943	39 202	649	1 335	24 477	76 911	43 901	119 936	3 444
33351	Metalworking machinery manufacturing	4	63	10	943	39 202	649	1 335	24 477	76 911	43 901	119 936	3 444
3339	Other general purpose machinery manufacturing	3	32	6	888	37 044	473	936	14 588	60 949	73 013	135 398	5 270
33399	All other general purpose machinery manufacturing	—	18	4	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	15	4	504	19 746	278	526	8 436	36 059	39 206	75 100	4 462

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MARICOPA—Con.													
334	Computer and electronic product manufacturing	—	244	106	k	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	4	26	6	f	D	D	D	D	D	D	D	3 469
33411	Computer and peripheral equipment manufacturing	4	26	6	f	D	D	D	D	D	D	D	3 469
3342	Communications equipment manufacturing	3	22	11	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	3	16	8	1 003	48 992	578	1 315	19 849	108 410	91 019	200 871	4 859
334220	Radio and television broadcasting and wireless communications equipment manufacturing	3	16	8	1 003	48 992	578	1 315	19 849	108 410	91 019	200 871	4 859
3344	Semiconductor and other electronic component manufacturing	—	107	59	j	D	D	D	D	D	D	D	123 047
33441	Semiconductor and other electronic component manufacturing	—	107	59	j	D	D	D	D	D	D	D	123 047
334413	Semiconductor and related device manufacturing	—	39	21	j	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	20	14	h	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	26	10	751	29 002	422	853	14 514	55 570	33 347	90 991	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	66	25	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	66	25	i	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	17	9	4 382	276 434	945	1 813	43 489	842 954	423 342	1 258 913	34 749
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	8	3	g	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	20	5	f	D	D	D	D	D	D	D	2 440
335	Electrical equipment, appliance, and component manufacturing	1	62	17	2 659	94 513	1 734	3 126	40 635	272 947	243 469	517 291	19 852
3351	Electric lighting equipment manufacturing	—	12	4	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	—	12	4	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	1	26	6	1 487	50 960	924	1 517	18 676	107 558	160 378	268 624	D
33592	Communication and energy wire and cable manufacturing	1	8	2	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	172	67	j	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	26	7	f	D	D	D	D	D	D	D	2 913
33621	Motor vehicle body and trailer manufacturing	1	26	7	f	D	D	D	D	D	D	D	2 913
3363	Motor vehicle parts manufacturing	—	71	22	h	D	D	D	D	D	D	D	22 320
33639	Other motor vehicle parts manufacturing	—	26	10	g	D	D	D	D	D	D	D	16 919
336399	All other motor vehicle parts manufacturing	—	25	9	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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MARICOPA—Con.													
336	Transportation equipment manufacturing—Con.												
3364	Aerospace product and parts manufacturing	—	62	35	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	62	35	j	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	6	5	h	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	24	14	i	D	D	D	D	D	D	D	40 669
336413	Other aircraft parts and auxiliary equipment manufacturing	1	28	14	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	'271	69	'7 471	'198 842	'5 958	'11 488	'132 723	'402 258	'333 744	'734 781	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	'201	44	i	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	2	89	17	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	2	89	17	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	4	'112	27	h	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	5	'76	18	h	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	4	50	17	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	4	50	17	f	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	—	20	8	629	21 034	456	904	12 477	76 868	59 029	134 228	2 201
339	Miscellaneous manufacturing	2	369	'57	i	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	2	'152	16	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	2	'152	16	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	8	4	525	34 936	162	272	4 465	116 188	9 133	129 485	993
339116	Dental laboratories	3	'103	9	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	'217	'41	'4 095	'149 685	'2 578	'4 907	'66 268	'328 196	'242 932	'575 411	'16 860
33992	Sporting and athletic goods manufacturing	—	24	3	1 286	53 735	835	1 673	24 791	130 825	85 759	217 745	D
339920	Sporting and athletic goods manufacturing	—	24	3	1 286	53 735	835	1 673	24 791	130 825	85 759	217 745	D
33995	Sign manufacturing	5	83	15	1 150	47 177	541	1 009	15 400	88 158	63 409	154 423	3 036
339950	Sign manufacturing	5	83	15	1 150	47 177	541	1 009	15 400	88 158	63 409	154 423	3 036
33999	All other miscellaneous manufacturing	3	'63	'21	'1 389	'40 660	'1 036	'1 933	'22 652	'90 523	'73 398	'164 118	D
339999	All other miscellaneous manufacturing	3	'55	'20	'1 285	'37 660	'949	'1 734	'20 353	'82 868	'68 746	'151 718	D
MOHAVE													
31-33	Manufacturing	1	'164	30	'3 385	'105 642	'2 672	'5 430	'73 142	'353 329	'384 119	'738 682	'31 671
326	Plastics and rubber products manufacturing	2	7	4	503	19 170	359	825	11 172	51 434	59 436	111 329	1 630
337	Furniture and related product manufacturing	—	18	2	f	D	D	D	D	D	D	D	D
NAVAJO													
31-33	Manufacturing	—	47	7	g	D	D	D	D	D	D	D	11 475
321	Wood product manufacturing	1	11	6	f	D	D	D	D	D	D	D	D
PIMA													
31-33	Manufacturing	1	'748	169	'29 393	'1 463 831	'14 448	'27 783	'448 775	'3 937 005	'2 812 557	'6 832 629	'162 644
321	Wood product manufacturing	3	21	8	674	17 341	522	1 012	10 736	34 802	38 880	74 127	D
3219	Other wood product manufacturing	2	19	7	f	D	D	D	D	D	D	D	D
32191	Millwork	2	13	7	575	14 257	455	877	9 055	28 020	31 658	60 087	3 131
323	Printing and related support activities	2	85	13	918	25 296	589	1 092	15 585	51 968	27 437	79 303	5 147
3231	Printing and related support activities	2	85	13	918	25 296	589	1 092	15 585	51 968	27 437	79 303	5 147
32311	Printing	2	75	13	f	D	D	D	D	D	D	D	4 908
323110	Commercial lithographic printing	2	35	10	602	16 371	365	711	10 036	33 574	18 161	51 628	3 357

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PIMA—Con.													
325	Chemical manufacturing	1	26	4	f	D	D	D	D	D	D	D	9 003
326	Plastics and rubber products manufacturing	2	32	14	1 017	28 093	766	1 425	17 373	74 904	50 954	123 746	D
3261	Plastics product manufacturing ..	2	27	12	935	25 612	705	1 289	15 837	69 155	47 526	114 610	D
32619	Other plastics product manufacturing	2	24	10	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	18	8	696	18 010	533	930	11 092	50 923	31 891	81 417	2 818
327	Nonmetallic mineral product manufacturing	2	55	18	g	D	D	D	D	D	D	D	17 614
3273	Cement and concrete product manufacturing	1	22	10	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	151	29	3 164	111 621	2 213	4 302	65 837	428 471	231 292	665 009	15 217
3323	Architectural and structural metals manufacturing	1	42	10	1 427	39 556	1 051	2 054	27 207	100 995	61 736	162 012	5 184
33232	Ornamental and architectural metal products manufacturing	—	30	7	1 142	31 849	921	1 798	23 384	76 602	50 148	125 835	4 632
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	57	9	702	28 611	514	1 033	18 429	60 271	26 939	88 093	1 607
3329	Other fabricated metal product manufacturing	7	21	5	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	48	16	1 402	54 826	882	1 711	27 699	113 783	84 497	199 568	6 109
334	Computer and electronic product manufacturing	—	54	21	4 278	194 840	1 914	3 418	63 196	650 340	372 520	1 061 778	34 664
3344	Semiconductor and other electronic component manufacturing	—	21	8	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	21	8	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	21	9	1 890	99 473	794	1 448	27 647	224 694	186 334	430 265	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	21	9	1 890	99 473	794	1 448	27 647	224 694	186 334	430 265	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	—	6	4	1 146	63 819	533	922	18 666	112 838	132 565	250 470	D
336	Transportation equipment manufacturing	—	15	7	j	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	9	5	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	9	5	j	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	2	2	i	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	90	13	1 520	48 214	899	1 700	18 913	169 368	200 061	372 229	5 242
3391	Medical equipment and supplies manufacturing	1	42	5	628	22 336	364	628	8 035	103 987	135 512	241 406	3 265
33911	Medical equipment and supplies manufacturing	1	42	5	628	22 336	364	628	8 035	103 987	135 512	241 406	3 265
3399	Other miscellaneous manufacturing	1	48	8	892	25 878	535	1 072	10 878	65 381	64 549	130 823	1 977
33992	Sporting and athletic goods manufacturing	—	5	3	507	14 853	316	663	6 069	43 662	29 175	73 725	1 218
339920	Sporting and athletic goods manufacturing	—	5	3	507	14 853	316	663	6 069	43 662	29 175	73 725	1 218

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PINAL													
31-33	Manufacturing	1	93	25	2 820	95 107	2 086	4 068	62 362	893 841	354 566	1 247 183	24 388
311	Food manufacturing	—	9	4	547	23 941	342	801	15 696	621 315	182 512	801 465	D
332	Fabricated metal product manufacturing	8	19	4	795	23 852	576	999	14 861	52 982	55 321	108 127	2 159
3323	Architectural and structural metals manufacturing	9	9	3	693	20 672	488	844	12 469	39 426	47 801	86 995	1 678
33231	Plate work and fabricated structural product manufacturing	9	4	2	f	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
SANTA CRUZ													
31-33	Manufacturing	2	41	8	f	D	D	D	D	D	D	D	D
YAVAPAI													
31-33	Manufacturing	2	'200	40	'3 622	'99 617	'2 748	'5 393	'67 074	'246 821	'174 862	'421 297	'13 765
326	Plastics and rubber products manufacturing	—	7	4	512	15 705	453	924	12 651	39 674	41 443	81 911	812
3261	Plastics product manufacturing ..	—	7	4	512	15 705	453	924	12 651	39 674	41 443	81 911	812
332	Fabricated metal product manufacturing	1	34	7	545	15 528	430	930	11 627	44 797	16 388	61 461	D
YUMA													
31-33	Manufacturing	1	80	14	2 850	78 882	2 499	4 580	60 793	206 649	389 395	602 610	16 369
311	Food manufacturing	—	9	3	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	—	2	2	g	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
313	Textile mills	—	2	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	2	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	2	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	—	2	1	f	D	D	D	D	D	D	D	D

¹Some 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.

²Includes establishments with payroll at any time during the year.

³Industries 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.

⁴Number 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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CASA GRANDE													
31-33	Manufacturing	2	28	8	965	34 583	690	1 422	21 600	323 485	111 662	434 371	11 922
CHANDLER													
31-33	Manufacturing	-	164	53	11 070	573 528	6 321	12 326	258 869	8 362 934	952 023	9 320 275	75 851
326	Plastics and rubber products manufacturing	-	10	6	603	21 895	462	869	13 661	76 323	35 700	111 368	6 815
3261	Plastics product manufacturing ..	-	8	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	32	9	717	26 979	526	1 108	17 638	50 568	58 927	111 664	2 556
333	Machinery manufacturing	-	'21	'7	'1 868	'80 741	'895	'1 890	'23 830	'179 410	'185 580	'347 014	'10 417
3331	Agriculture, construction, and mining machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	-	'8	'4	'1 104	'57 004	'389	'847	'11 025	'100 175	'64 169	'155 353	'6 546
33329	Other industrial machinery manufacturing	-	'8	'4	'1 104	'57 004	'389	'847	'11 025	'100 175	'64 169	'155 353	'6 546
333295	Semiconductor machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	25	8	4 608	297 055	2 359	4 342	131 022	7 638 637	272 742	7 935 649	31 420
3344	Semiconductor and other electronic component manufacturing	-	17	8	4 558	294 309	2 342	4 306	130 445	7 632 732	265 419	7 922 427	31 124
33441	Semiconductor and other electronic component manufacturing	-	17	8	4 558	294 309	2 342	4 306	130 445	7 632 732	265 419	7 922 427	31 124
334413	Semiconductor and related device manufacturing	-	8	5	4 317	282 061	2 200	4 027	123 644	7 602 037	246 858	7 872 434	D
336	Transportation equipment manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	7	12	2	502	12 413	443	812	9 905	5 831	12 476	18 296	369
FLAGSTAFF													
31-33	Manufacturing	4	68	13	3 074	139 885	1 800	2 904	63 496	486 377	78 996	555 738	14 553
339	Miscellaneous manufacturing	4	21	6	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	4	11	6	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	4	11	6	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	3	6	5	g	D	D	D	D	D	D	D	D
GILBERT													
31-33	Manufacturing	3	92	24	2 248	91 486	1 277	2 563	37 021	156 386	132 936	288 579	10 572
332	Fabricated metal product manufacturing	7	24	10	523	18 334	376	687	11 053	52 338	39 873	90 909	2 573

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GLENDALE													
31-33	Manufacturing	-	164	41	7 277	299 359	3 854	7 521	110 379	738 688	466 982	1 205 735	25 108
321	Wood product manufacturing	-	11	5	1 605	45 081	780	1 605	16 815	82 947	79 435	162 163	2 655
3219	Other wood product manufacturing	-	10	4	g	D	D	D	D	D	D	D	D
32191	Millwork	-	4	3	1 120	32 168	373	784	8 179	55 297	46 248	101 445	D
321912	Cut stock, resawing lumber, and planing	-	2	2	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	9	4	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
GOODYEAR													
31-33	Manufacturing	2	14	7	935	29 064	749	1 645	19 908	161 946	80 263	238 172	8 569
KINGMAN													
31-33	Manufacturing	-	24	9	1 222	33 023	1 042	2 076	25 314	129 051	176 869	309 382	D
LAKE HAVASU CITY													
31-33	Manufacturing	2	93	11	g	D	D	D	D	D	D	D	D
MARANA													
31-33	Manufacturing	-	21	8	f	D	D	D	D	D	D	D	2 968
MESA													
31-33	Manufacturing	-	250	57	9 955	508 147	5 958	12 711	237 243	718 507	1 220 076	2 001 639	26 911
332	Fabricated metal product manufacturing	1	49	16	969	43 904	560	1 015	17 313	113 401	67 478	179 631	3 572
334	Computer and electronic product manufacturing	-	18	5	1 577	82 471	1 155	2 485	53 169	137 595	52 116	211 084	1 029
3344	Semiconductor and other electronic component manufacturing	-	7	2	1 283	71 580	966	2 069	48 086	105 201	38 355	165 525	174
33441	Semiconductor and other electronic component manufacturing	-	7	2	1 283	71 580	966	2 069	48 086	105 201	38 355	165 525	174
334413	Semiconductor and related device manufacturing	-	5	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	11	6	4 750	301 063	2 497	5 885	124 743	289 303	938 583	1 269 788	15 938
3364	Aerospace product and parts manufacturing	-	6	4	h	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	6	4	h	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	3	2	h	D	D	D	D	D	D	D	D
ORO VALLEY													
31-33	Manufacturing	-	8	4	g	D	D	D	D	D	D	D	3 675
334	Computer and electronic product manufacturing	-	1	1	f	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
334519	Other measuring and controlling device manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PEORIA													
31-33	Manufacturing	2	58	13	1 154	34 053	839	1 680	19 761	84 029	73 321	159 335	3 118

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PHOENIX													
31-33	Manufacturing	1	'1 637	'502	'55 675	'2 186 716	'35 831	'69 752	'1 014 652	'6 007 542	'4 668 028	'10 736 889	'346 209
311	Food manufacturing	—	59	17	2 558	81 268	1 643	3 424	41 065	178 111	223 927	401 031	22 558
3118	Bakeries and tortilla manufacturing	—	32	8	1 479	43 856	978	2 096	22 918	68 873	66 314	134 356	4 613
31181	Bread and bakery product manufacturing	—	28	6	1 263	38 423	818	1 768	19 970	53 814	58 927	111 982	D
311812	Commercial bakeries	—	13	5	1 156	36 938	779	1 731	19 524	51 292	56 885	107 423	3 968
312	Beverage and tobacco product manufacturing	1	9	5	588	23 358	188	401	5 142	76 012	136 397	209 753	D
3121	Beverage manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	6	25	6	625	11 610	551	942	9 177	16 841	9 997	26 654	103
321	Wood product manufacturing	4	56	27	2 240	60 551	1 832	3 781	41 592	119 748	136 502	255 088	3 525
3219	Other wood product manufacturing	5	53	26	g	D	D	D	D	D	D	D	D
32191	Millwork	5	27	12	607	16 944	462	896	10 843	32 754	35 401	67 604	1 273
32199	All other wood product manufacturing	4	14	9	1 142	32 053	943	2 016	22 010	62 531	76 603	138 331	1 567
321991	Manufactured home (mobile home) manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	4	17	9	f	D	D	D	D	D	D	D	3 002
3222	Converted paper product manufacturing	4	17	9	f	D	D	D	D	D	D	D	3 002
323	Printing and related support activities	2	238	55	3 431	116 499	2 465	4 572	70 941	257 987	129 235	384 502	28 182
3231	Printing and related support activities	2	238	55	3 431	116 499	2 465	4 572	70 941	257 987	129 235	384 502	28 182
32311	Printing	2	214	47	2 765	94 106	1 894	3 484	54 087	211 698	120 598	329 126	26 003
323110	Commercial lithographic printing	2	94	27	1 482	53 145	1 027	1 944	31 733	111 167	67 669	175 857	14 888
32312	Support activities for printing	2	24	8	666	22 393	571	1 088	16 854	46 289	8 637	55 376	2 179
325	Chemical manufacturing	2	54	16	1 157	49 736	809	1 438	30 261	262 898	130 639	399 331	8 927
326	Plastics and rubber products manufacturing	1	79	40	3 043	88 685	2 360	4 901	58 065	231 048	221 810	452 810	16 479
3261	Plastics product manufacturing ..	1	71	35	2 834	81 682	2 210	4 613	53 677	217 671	205 877	423 792	15 458
32619	Other plastics product manufacturing	2	47	19	1 733	51 934	1 293	2 639	32 100	99 394	72 459	170 522	6 976
326199	All other plastics product manufacturing	2	43	17	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	78	36	2 513	83 572	1 904	3 811	54 897	246 471	181 849	425 167	12 959
3273	Cement and concrete product manufacturing	1	35	26	1 683	56 910	1 292	2 555	37 242	188 484	132 457	317 805	9 335
32733	Concrete pipe, brick, and block manufacturing	1	17	14	744	26 548	596	1 232	17 514	102 066	67 493	167 948	6 258
32739	Other concrete product manufacturing	—	12	8	696	24 797	464	1 027	14 787	74 391	36 729	109 595	1 842
327390	Other concrete product manufacturing	—	12	8	696	24 797	464	1 027	14 787	74 391	36 729	109 595	1 842
331	Primary metal manufacturing	1	22	9	1 237	42 304	997	2 119	29 058	105 001	146 472	251 947	2 717
3313	Alumina and aluminum production and processing	2	5	4	f	D	D	D	D	D	D	D	1 297
33131	Alumina and aluminum production and processing ...	2	5	4	f	D	D	D	D	D	D	D	1 297
332	Fabricated metal product manufacturing	2	342	86	6 170	215 631	4 723	9 003	142 666	527 363	374 912	895 075	33 817
3323	Architectural and structural metals manufacturing	3	89	33	2 059	74 274	1 463	2 726	42 097	220 215	161 982	375 335	7 171
33231	Plate work and fabricated structural product manufacturing	2	24	12	606	25 927	419	822	15 039	110 739	88 762	199 328	1 531
332312	Fabricated structural metal manufacturing	2	20	10	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	3	65	21	1 453	48 347	1 044	1 904	27 058	109 476	73 220	176 007	5 640
332321	Metal window and door manufacturing	5	9	6	599	22 739	363	704	10 266	44 967	36 649	74 516	1 327
332322	Sheet metal work manufacturing	2	32	10	542	16 802	425	792	10 828	44 090	24 698	69 127	3 852

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PHOENIX—Con.													
332	Fabricated metal product manufacturing—Con.												
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	134	25	2 008	75 352	1 571	3 057	54 609	136 068	65 970	202 352	17 193
33271	Machine shops	2	113	14	1 413	52 202	1 058	2 002	36 153	96 388	39 845	136 509	5 534
332710	Machine shops	2	113	14	1 413	52 202	1 058	2 002	36 153	96 388	39 845	136 509	5 534
33272	Turned product and screw, nut, and bolt manufacturing	1	21	11	595	23 150	513	1 055	18 456	39 680	26 125	65 843	11 659
332721	Precision turned product manufacturing	—	17	9	519	20 079	449	918	16 218	34 059	20 546	54 506	11 350
3328	Coating, engraving, heat treating, and allied activities	3	56	11	942	26 661	756	1 410	18 539	56 605	20 370	76 710	2 802
33281	Coating, engraving, heat treating, and allied activities ..	3	56	11	942	26 661	756	1 410	18 539	56 605	20 370	76 710	2 802
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	4	27	7	529	13 813	450	835	10 008	28 292	12 959	40 946	1 064
333	Machinery manufacturing	1	'90	'27	'2 757	'110 167	'1 845	'3 644	'61 472	'265 902	'282 094	'537 697	'20 673
3332	Industrial machinery manufacturing	—	'19	'9	'802	'36 172	'656	'1 418	'28 302	'100 218	'154 584	'241 997	'12 117
33329	Other industrial machinery manufacturing	—	'15	'8	'750	'34 661	'621	'1 339	'27 589	'98 450	'151 508	'237 157	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	12	7	885	29 957	579	1 048	13 986	79 465	51 972	133 701	1 942
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	12	7	885	29 957	579	1 048	13 986	79 465	51 972	133 701	1 942
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1	9	6	f	D	D	D	D	D	D	D	1 897
334	Computer and electronic product manufacturing	—	84	39	10 276	558 614	4 342	8 768	138 653	1 378 707	860 856	2 285 931	85 462
3344	Semiconductor and other electronic component manufacturing	—	34	18	5 983	309 403	2 850	5 917	80 658	744 066	396 899	1 195 290	56 680
33441	Semiconductor and other electronic component manufacturing	—	34	18	5 983	309 403	2 850	5 917	80 658	744 066	396 899	1 195 290	56 680
334413	Semiconductor and related device manufacturing	—	10	7	3 961	244 359	1 460	2 954	42 515	612 091	278 052	938 971	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	8	5	1 682	55 928	1 145	2 448	32 524	112 024	103 593	220 232	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	19	9	h	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	19	9	h	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	3	3	g	D	D	D	D	D	D	D	1 365
335	Electrical equipment, appliance, and component manufacturing	1	30	9	1 754	58 081	1 174	2 055	25 331	166 676	174 048	341 520	17 429
3359	Other electrical equipment and component manufacturing	1	12	2	1 153	38 564	718	1 173	13 100	74 163	137 284	211 953	D
33592	Communication and energy wire and cable manufacturing ..	1	5	1	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	—	4	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	108	40	8 196	406 700	4 070	7 544	137 023	1 568 102	1 128 281	2 731 209	50 013
3362	Motor vehicle body and trailer manufacturing	—	17	6	f	D	D	D	D	D	D	D	2 691
33621	Motor vehicle body and trailer manufacturing	—	17	6	f	D	D	D	D	D	D	D	2 691
3363	Motor vehicle parts manufacturing	1	49	14	g	D	D	D	D	D	D	D	4 536

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PHOENIX—Con.													
336	Transportation equipment manufacturing—Con.												
3364	Aerospace product and parts manufacturing	-	34	17	6 086	339 049	2 576	4 516	98 757	1 415 039	992 547	2 441 948	41 921
33641	Aerospace product and parts manufacturing	-	34	17	6 086	339 049	2 576	4 516	98 757	1 415 039	992 547	2 441 948	41 921
336411	Aircraft manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	-	14	7	h	D	D	D	D	D	D	D	30 065
336413	Other aircraft parts and auxiliary equipment manufacturing	1	15	7	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	'145	44	'4 864	'127 066	'4 008	'7 688	'86 311	'254 880	'222 763	'478 343	'11 720
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	'104	29	'3 859	'92 358	'3 294	'6 212	'64 409	'175 746	'166 829	'343 855	'6 559
33711	Wood kitchen cabinet and countertop manufacturing	3	39	9	704	22 865	537	1 071	14 282	37 378	19 431	56 762	907
337110	Wood kitchen cabinet and countertop manufacturing ..	3	39	9	704	22 865	537	1 071	14 282	37 378	19 431	56 762	907
33712	Household and institutional furniture manufacturing	5	'65	20	'3 155	'69 493	'2 757	'5 141	'50 127	'138 368	'147 398	'287 093	'5 652
337122	Nonupholstered wood household furniture manufacturing	5	'47	14	'2 803	'60 000	'2 460	'4 571	'42 775	'117 782	'128 665	'247 685	'4 065
3372	Office furniture (including fixtures) manufacturing	4	34	12	743	25 641	512	1 055	16 098	47 102	27 695	74 159	D
33721	Office furniture (including fixtures) manufacturing	4	34	12	743	25 641	512	1 055	16 098	47 102	27 695	74 159	D
339	Miscellaneous manufacturing	1	159	28	2 877	105 758	1 867	3 552	52 292	234 264	142 134	376 842	14 239
3399	Other miscellaneous manufacturing	1	103	24	2 476	91 798	1 581	2 999	43 579	208 056	132 292	340 610	13 401
33992	Sporting and athletic goods manufacturing	-	11	2	g	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	-	11	2	g	D	D	D	D	D	D	D	D
33995	Sign manufacturing	2	44	10	602	21 241	297	531	8 820	46 131	18 581	64 884	D
339950	Sign manufacturing	2	44	10	602	21 241	297	531	8 820	46 131	18 581	64 884	D
33999	All other miscellaneous manufacturing	2	29	12	591	17 188	452	812	9 929	34 340	26 585	60 209	D
339999	All other miscellaneous manufacturing	2	26	12	568	16 496	437	781	9 610	33 279	23 715	56 278	1 304
PRESCOTT													
31-33	Manufacturing	3	'63	17	'1 757	'45 054	'1 279	'2 479	'29 089	'121 449	'67 484	'188 894	'5 132
PRESCOTT VALLEY													
31-33	Manufacturing	-	36	11	847	26 294	683	1 425	19 168	67 958	62 767	130 331	4 371
SCOTTSDALE													
31-33	Manufacturing	3	262	48	4 079	156 825	2 740	5 200	82 962	347 198	292 279	639 220	21 741
323	Printing and related support activities	1	42	7	561	22 839	397	777	14 769	49 135	20 216	69 334	2 247
3231	Printing and related support activities	1	42	7	561	22 839	397	777	14 769	49 135	20 216	69 334	2 247
334	Computer and electronic product manufacturing	3	31	12	1 128	52 043	627	1 171	19 908	72 546	100 111	173 672	13 293
3345	Navigational, measuring, electromedical, and control instruments manufacturing	5	12	5	559	28 331	320	528	12 294	17 659	74 632	94 211	4 609
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	5	12	5	559	28 331	320	528	12 294	17 659	74 632	94 211	4 609

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TEMPE													
31-33	Manufacturing	2	'454	146	'17 568	'775 679	'11 014	'22 375	'373 537	'1 921 662	'1 721 792	'3 657 833	'90 454
311	Food manufacturing	1	30	12	982	30 444	756	1 372	21 020	157 469	238 408	396 220	8 965
3118	Bakeries and tortilla manufacturing	—	12	6	503	13 638	392	602	10 075	54 589	23 761	78 213	6 604
321	Wood product manufacturing	2	10	3	512	12 839	405	736	8 392	25 293	26 964	52 275	711
323	Printing and related support activities	4	61	8	694	21 364	506	770	12 786	43 995	25 302	69 099	3 262
3231	Printing and related support activities	4	61	8	694	21 364	506	770	12 786	43 995	25 302	69 099	3 262
32311	Printing	4	52	8	642	20 009	467	714	11 884	40 978	24 225	65 001	3 107
325	Chemical manufacturing	6	19	8	559	23 058	375	735	13 872	75 198	58 799	135 411	3 390
332	Fabricated metal product manufacturing	—	81	24	3 249	156 025	2 221	4 523	92 425	484 701	340 697	828 046	12 967
3323	Architectural and structural metals manufacturing	1	15	6	616	18 870	427	774	11 336	40 411	34 325	74 637	2 990
33232	Ornamental and architectural metal products manufacturing	—	12	6	605	18 483	420	759	11 110	39 588	33 317	72 806	2 957
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	39	9	f	D	D	D	D	D	D	D	D
33271	Machine shops	2	37	8	554	21 291	389	792	13 303	46 260	15 931	62 119	1 468
332710	Machine shops	2	37	8	554	21 291	389	792	13 303	46 260	15 931	62 119	1 468
3329	Other fabricated metal product manufacturing	—	10	4	1 499	93 610	908	1 848	50 813	356 870	259 336	618 927	7 014
33291	Metal valve manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	5	42	12	1 236	52 229	771	1 674	26 468	107 006	88 749	197 124	3 868
3335	Metalworking machinery manufacturing	5	17	5	528	23 430	379	829	15 057	46 251	30 193	75 360	2 039
33351	Metalworking machinery manufacturing	5	17	5	528	23 430	379	829	15 057	46 251	30 193	75 360	2 039
334	Computer and electronic product manufacturing	2	62	35	6 327	320 709	3 368	7 215	120 097	630 282	495 588	1 129 688	39 260
3344	Semiconductor and other electronic component manufacturing	1	29	24	4 972	244 724	2 851	6 121	101 908	424 574	405 023	834 918	33 989
33441	Semiconductor and other electronic component manufacturing	1	29	24	4 972	244 724	2 851	6 121	101 908	424 574	405 023	834 918	33 989
334413	Semiconductor and related device manufacturing	1	9	6	1 885	107 419	938	2 089	36 026	125 942	134 012	252 140	17 230
334418	Printed circuit assembly (electronic assembly) manufacturing	—	8	8	2 161	101 864	1 275	2 704	45 325	237 652	218 010	459 693	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	21	7	770	43 633	216	443	6 754	77 782	38 724	115 813	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	21	7	770	43 633	216	443	6 754	77 782	38 724	115 813	D
336	Transportation equipment manufacturing	—	22	11	1 128	42 219	906	2 046	31 366	124 750	94 712	214 983	10 917
3364	Aerospace product and parts manufacturing	—	15	10	1 067	40 379	859	1 962	30 013	120 441	90 298	206 681	10 739
33641	Aerospace product and parts manufacturing	—	15	10	1 067	40 379	859	1 962	30 013	120 441	90 298	206 681	10 739
336412	Aircraft engine and engine parts manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	'48	12	'1 348	'69 374	'580	'1 068	'15 693	'177 280	'64 496	'248 064	'3 068
3391	Medical equipment and supplies manufacturing	1	'25	6	'792	'44 649	'297	'510	'8 420	'133 842	'19 919	'157 761	'1 868
33911	Medical equipment and supplies manufacturing	1	'25	6	'792	'44 649	'297	'510	'8 420	'133 842	'19 919	'157 761	'1 868
3399	Other miscellaneous manufacturing	7	23	6	556	24 725	283	558	7 273	43 438	44 577	90 303	1 200

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TOLLESON													
31-33	Manufacturing	-	22	17	2 560	75 637	2 198	4 731	57 545	279 293	767 787	1 032 148	23 772
311	Food manufacturing	-	6	5	1 621	45 374	1 430	3 312	36 455	173 664	648 070	813 850	5 215
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	g	D	D	D	D	D	D	D	D
TUCSON													
31-33	Manufacturing	2	'484	104	'11 469	'404 048	'6 858	'13 216	'186 957	'1 233 976	'830 951	'2 096 365	'68 865
321	Wood product manufacturing	4	14	6	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	3	12	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	68	9	f	D	D	D	D	D	D	D	4 114
3231	Printing and related support activities	2	68	9	f	D	D	D	D	D	D	D	4 114
32311	Printing	2	60	9	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	29	7	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	23	11	f	D	D	D	D	D	D	D	3 351
3261	Plastics product manufacturing ..	1	20	10	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	17	8	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	15	7	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	6	27	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	98	18	g	D	D	D	D	D	D	D	7 803
3323	Architectural and structural metals manufacturing	-	29	8	1 225	34 289	960	1 869	24 483	80 382	53 868	133 400	4 728
33232	Ornamental and architectural metal products manufacturing	-	23	7	1 110	30 789	897	1 756	22 749	74 425	48 356	121 866	D
333	Machinery manufacturing	2	27	7	559	24 584	284	495	9 818	50 612	33 078	83 640	2 360
334	Computer and electronic product manufacturing	-	35	16	3 105	136 195	1 314	2 453	44 431	547 075	242 506	822 683	31 645
3344	Semiconductor and other electronic component manufacturing	-	11	5	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	11	5	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	12	7	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	12	7	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	62	7	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	32	5	719	21 060	416	837	8 359	52 118	57 071	109 959	1 595
YUMA													
31-33	Manufacturing	1	46	9	1 436	42 623	1 246	2 509	33 861	134 926	246 377	382 251	12 111
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	1	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	1	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]

NAICS code	Geographic area and industry	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF GILA COUNTY													
31-33	Manufacturing	-	5	1	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	-	1	1	g	D	D	D	D	D	D	D	D
33141	Nonferrous metal (except aluminum) smelting and refining	-	1	1	g	D	D	D	D	D	D	D	D
331411	Primary smelting and refining of copper	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF MARICOPA COUNTY													
31-33	Manufacturing	1	'139	38	'4 677	'174 841	'3 448	'6 787	'105 788	'436 419	'570 928	'1 010 484	'32 332
321	Wood product manufacturing	-	13	6	772	23 443	662	1 502	16 228	35 165	45 011	80 290	836
327	Nonmetallic mineral product manufacturing	2	22	11	730	25 142	548	936	15 005	74 455	75 246	149 360	6 459
3273	Cement and concrete product manufacturing	2	19	11	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	'9	4	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
BALANCE OF MOHAVE COUNTY													
31-33	Manufacturing	1	'38	10	'841	'28 309	'627	'1 237	'18 658	'115 826	'126 630	'240 596	'4 137
BALANCE OF PIMA COUNTY													
31-33	Manufacturing	-	224	51	15 947	963 955	6 482	12 628	223 610	2 523 017	1 781 489	4 350 331	86 988
327	Nonmetallic mineral product manufacturing	-	20	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	7	47	10	906	34 096	608	1 268	21 030	235 279	88 005	324 223	D
333	Machinery manufacturing	1	17	5	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	4	j	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	5	4	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	5	4	j	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	-	2	2	i	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	26	6	525	17 310	287	480	4 748	92 926	136 428	231 363	D
BALANCE OF PINAL COUNTY													
31-33	Manufacturing	1	39	11	1 491	49 318	1 104	2 088	33 069	537 084	205 910	742 200	11 712
332	Fabricated metal product manufacturing	9	7	1	f	D	D	D	D	D	D	D	1 325
3323	Architectural and structural metals manufacturing	9	4	1	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF YUMA COUNTY													
31-33	Manufacturing	-	28	5	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

¹Some 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.

²Includes establishments with payroll at any time during the year.

³Industries 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.

⁴Number 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
ARIZONA	
Companies ¹	N
All establishments ²	'4 935
Establishments with 1 to 19 employees	'3 647
Establishments with 20 to 99 employees	'987
Establishments with 100 employees or more	'301
All employees ³	'168 155
Total compensation	\$1,000.. '8 939 718
Annual payroll	\$1,000.. '7 080 603
Total fringe benefits	\$1,000.. '1 859 115
Production workers, average for year	'104 924
Production workers on March 12	'105 570
Production workers on May 12	'105 781
Production workers on August 12	'104 803
Production workers on November 12	'103 284
Production worker hours	'206 084
Production worker wages	\$1,000.. '3 221 229
Total cost of materials	\$1,000.. '15 724 230
Materials, parts, containers, packaging, etc., used	\$1,000.. '14 026 610
Resales	\$1,000.. '785 653
Purchased fuels	\$1,000.. '129 934
Purchased electricity	\$1,000.. '340 329
Contract work	\$1,000.. '441 704
Quantity of electricity purchased for heat and power	1,000 kWh.. '5 796 029
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -40 568
Total value of shipments	\$1,000.. '41 910 739
Value of resales	\$1,000.. '1 024 144
Value added	\$1,000.. '25 976 992
Total inventories, beginning of year	\$1,000.. '4 981 372
Finished goods inventories	\$1,000.. '1 266 720
Work-in-process inventories	\$1,000.. '2 020 141
Materials and supplies inventories	\$1,000.. '1 694 511
Total inventories, end of year	\$1,000.. '4 496 821
Finished goods inventories	\$1,000.. '1 241 353
Work-in-process inventories	\$1,000.. '1 794 900
Materials and supplies inventories	\$1,000.. '1 460 568
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '17 803 231
Total capital expenditures (new and used)	\$1,000.. '977 257
Buildings and other structures (new and used)	\$1,000.. '167 858
Machinery and equipment (new and used)	\$1,000.. '809 399
Automobiles, trucks, etc., for highway use	\$1,000.. '32 908
Computers and peripheral data processing equipment	\$1,000.. '68 248
All other expenditures for machinery and equipment	\$1,000.. '708 243
Total retirements	\$1,000.. '1 129 339
Gross value of depreciable assets at end of year	\$1,000.. '17 651 149
Depreciation charges during year	\$1,000.. '1 336 901
Total rental payments	\$1,000.. '435 998
Buildings and other structures	\$1,000.. '248 739
Machinery and equipment	\$1,000.. '187 259

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

²Includes establishments with payroll at any time during the year.

³Number 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.