

Oklahoma: 2002

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2002 Economic Census

Manufacturing

Geographic Area Series



USCENSUSBUREAU

Helping You Make Informed Decisions

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



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Table 1. Industry Statistics for the State: 2002

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

NAICS code	Geographic area and industry	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)				
OKLAHOMA													
31-33	Manufacturing	1	14 027	11 074	149 983	5 355 937	109 230	214 758	3 438 187	117 005 404	23 001 158	39 924 050	1 046 987
311	Food manufacturing	1	275	83	17 141	491 057	13 065	26 569	323 335	1 850 332	2 721 923	4 599 804	91 957
3111	Animal food manufacturing	-	43	18	1 226	41 400	840	1 833	25 900	205 398	659 405	899 788	11 708
31111	Animal food manufacturing	-	43	18	1 226	41 400	840	1 833	25 900	205 398	659 405	899 788	11 708
311111	Dog and cat food manufacturing	-	5	3	e	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	1	38	15	f	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	1	9	8	847	32 558	649	1 460	20 579	175 525	276 241	448 393	13 597
31121	Flour milling and malt manufacturing	-	6	5	505	17 672	409	920	11 755	50 756	130 288	179 058	3 105
311211	Flour milling	-	6	5	505	17 672	409	920	11 755	50 756	130 288	179 058	3 105
31122	Starch and vegetable fats and oils manufacturing	2	3	3	342	14 886	240	540	8 824	124 769	145 953	269 335	10 492
311222	Soybean processing	-	1	1	c	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	8	4	384	12 336	317	666	8 203	30 347	59 462	89 692	D
31142	Fruit and vegetable canning, pickling, and drying	-	4	2	e	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	-	3	1	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	1	12	5	804	26 768	490	1 120	15 062	81 962	157 045	244 479	D
31151	Dairy product (except frozen) manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	3	5	2	c	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	3	5	2	c	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	80	26	8 888	224 291	7 656	16 241	169 046	816 887	1 170 392	1 979 951	24 354
31161	Animal slaughtering and processing	2	80	26	8 888	224 291	7 656	16 241	169 046	816 887	1 170 392	1 979 951	24 354
311611	Animal (except poultry) slaughtering	1	40	3	2 763	75 438	2 340	5 515	58 523	173 118	573 006	739 560	7 465
311612	Meat processed from carcasses	-	30	17	3 712	102 075	3 116	6 401	71 588	373 570	543 172	914 888	11 288
311615	Poultry processing	9	4	4	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	2	82	13	3 699	119 276	2 095	4 036	59 359	374 582	263 267	635 232	23 864
31181	Bread and bakery product manufacturing	1	69	11	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	45	2	c	D	D	D	D	D	D	D	195
311812	Commercial bakeries	2	19	7	1 613	54 783	597	957	18 355	136 464	53 463	189 955	D
311813	Frozen cakes, pies, and other pastries manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	6	4	2	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	6	4	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	2	34	8	1 242	33 481	978	1 162	24 506	163 080	135 355	298 930	7 436
31193	Flavoring syrup and concentrate manufacturing ...	-	1	1	c	D	D	D	D	D	D	D	D
311930	Flavoring syrup and concentrate manufacturing .	-	1	1	c	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	1	7	1	c	D	D	D	D	D	D	D	D
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	1	4	1	c	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	-	21	5	834	20 137	723	592	16 241	128 938	45 372	169 175	4 759
311991	Perishable prepared food manufacturing	5	4	3	c	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	-	17	2	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	27	6	1 208	43 788	244	543	6 928	182 189	241 915	424 481	18 783
3121	Beverage manufacturing	-	27	6	1 208	43 788	244	543	6 928	182 189	241 915	424 481	18 783
31211	Soft drink and ice manufacturing	-	22	6	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	7	5	1 116	41 148	190	450	5 809	173 816	238 054	412 245	17 855
313	Textile mills	5	19	2	162	3 736	138	260	2 815	4 829	3 936	8 765	115
3132	Fabric mills	4	11	2	151	3 398	129	244	2 598	4 005	3 061	7 066	95

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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)				
OKLAHOMA—Con.													
314	Textile product mills	2	75	10	806	17 107	646	1 217	11 064	52 254	38 937	92 634	790
3141	Textile furnishings mills	1	27	6	366	6 849	309	629	4 633	17 159	22 285	40 562	346
31412	Curtain and linen mills	1	25	6	e	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	2	20	4	c	D	D	D	D	D	D	D	D
314129	Other household textile product mills	1	5	2	169	3 254	143	304	2 270	10 314	15 929	27 464	236
3149	Other textile product mills	3	48	4	440	10 258	337	588	6 431	35 095	16 652	52 072	444
31491	Textile bag and canvas mills ...	1	21	2	304	7 288	230	411	4 429	28 777	9 712	38 828	307
314912	Canvas and related product mills	8	19	2	e	D	D	D	D	D	D	D	307
31499	All other textile product mills ...	—	27	2	136	2 970	107	177	2 002	6 318	6 940	13 244	137
314999	All other miscellaneous textile product mills	8	26	2	c	D	D	D	D	D	D	D	D
315	Apparel manufacturing	—	68	21	3 207	57 782	2 581	4 350	39 330	607 722	133 186	717 809	D
3152	Cut and sew apparel manufacturing	—	55	20	3 132	56 161	2 515	4 224	38 174	605 154	130 638	712 786	D
31521	Cut and sew apparel contractors	2	30	6	f	D	D	D	D	D	D	D	135
315212	Women's, girls', and infants' cut and sew apparel contractors	2	23	5	e	D	D	D	D	D	D	D	130
31522	Men's and boys' cut and sew apparel manufacturing	—	10	7	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	—	8	6	365	7 766	292	550	5 774	22 650	60 462	86 509	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	7	1	e	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	2	18	5	289	4 948	253	432	3 891	13 264	6 244	18 740	D
3169	Other leather and allied product manufacturing	1	16	5	e	D	D	D	D	D	D	D	D
31699	Other leather and allied product manufacturing	1	16	5	e	D	D	D	D	D	D	D	D
316999	All other leather goods manufacturing	2	12	4	257	4 408	224	385	3 516	12 160	5 583	16 975	D
321	Wood product manufacturing	2	138	25	2 159	60 563	1 915	3 827	51 145	120 934	197 030	317 981	21 745
3211	Sawmills and wood preservation	—	23	7	728	23 059	689	1 459	21 578	53 243	100 840	153 548	11 151
32111	Sawmills and wood preservation	—	23	7	728	23 059	689	1 459	21 578	53 243	100 840	153 548	11 151
321113	Sawmills	1	19	5	585	20 153	555	1 193	18 992	45 462	93 887	139 044	D
321114	Wood preservation	—	4	2	143	2 906	134	266	2 586	7 781	6 953	14 504	D
3212	Veneer, plywood, and engineered wood product manufacturing	1	29	4	653	19 599	578	1 200	16 370	34 282	56 305	90 960	8 974
32121	Veneer, plywood, and engineered wood product manufacturing	1	29	4	653	19 599	578	1 200	16 370	34 282	56 305	90 960	8 974
321212	Softwood veneer and plywood manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321214	Truss manufacturing	5	23	1	c	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing	2	3	2	197	4 662	159	271	3 058	13 219	13 875	27 397	D
3219	Other wood product manufacturing	4	86	14	778	17 905	648	1 168	13 197	33 409	39 885	73 473	1 620
32191	Millwork	4	39	7	332	7 932	275	517	5 862	16 098	20 905	37 052	778
321911	Wood window and door manufacturing	3	14	5	173	3 863	141	266	2 902	9 619	11 239	20 913	375
321918	Other millwork (including flooring)	5	18	2	130	3 289	107	200	2 337	5 100	7 076	12 171	326
32192	Wood container and pallet manufacturing	3	22	5	261	5 738	230	414	4 357	9 464	11 367	21 050	503
321920	Wood container and pallet manufacturing	3	22	5	261	5 738	230	414	4 357	9 464	11 367	21 050	503
32199	All other wood product manufacturing	4	25	2	185	4 235	143	237	2 978	7 847	7 613	15 371	339
321999	All other miscellaneous wood product manufacturing	4	20	1	152	3 391	121	194	2 558	6 183	6 328	12 422	315
322	Paper manufacturing	—	42	22	3 987	181 368	3 183	6 331	138 375	912 971	885 761	1 796 762	48 557
3221	Pulp, paper, and paperboard mills	—	7	6	2 428	130 368	2 078	4 165	107 220	787 302	720 371	1 503 404	41 197
32212	Paper mills	—	4	3	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	4	3	g	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	3	3	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	3	3	f	D	D	D	D	D	D	D	D

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OKLAHOMA—Con.													
322	Paper manufacturing—Con.												
3222	Converted paper product manufacturing	2	35	16	1 559	51 000	1 105	2 166	31 155	125 669	165 390	293 358	7 360
32221	Paperboard container manufacturing	—	14	8	f	D	D	D	D	D	D	D	3 564
322211	Corrugated and solid fiber box manufacturing	—	10	6	421	14 225	297	578	8 154	32 003	62 451	94 086	D
322212	Folding paperboard box manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	7	6	4	e	D	D	D	D	D	D	D	1 231
322222	Coated and laminated paper manufacturing	9	4	3	309	9 902	148	303	5 516	34 808	24 536	60 248	D
32223	Stationery product manufacturing	2	8	2	c	D	D	D	D	D	D	D	1 908
322232	Envelope manufacturing	1	5	2	146	5 382	112	207	3 248	9 573	10 138	19 804	D
32229	Other converted paper product manufacturing	1	7	2	e	D	D	D	D	D	D	D	657
322291	Sanitary paper product manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	409	48	4 251	126 818	3 104	5 844	78 349	285 383	175 595	455 280	28 835
3231	Printing and related support activities	1	409	48	4 251	126 818	3 104	5 844	78 349	285 383	175 595	455 280	28 835
32311	Printing	1	382	45	4 055	121 276	2 946	5 550	74 942	275 566	173 320	443 195	28 604
323110	Commercial lithographic printing	1	171	26	2 453	74 417	1 865	3 492	49 234	174 976	112 670	282 664	25 435
323113	Commercial screen printing ..	1	66	10	644	19 584	436	816	9 322	42 505	22 214	64 526	1 374
323114	Quick printing	5	74	1	301	8 535	189	322	4 862	18 046	8 074	26 096	522
323116	Manifold business forms printing	2	8	1	194	5 102	149	344	3 712	11 376	11 822	23 186	134
323119	Other commercial printing ...	2	40	3	244	6 975	141	269	3 213	13 879	9 180	22 764	399
32312	Support activities for printing...	3	27	3	196	5 542	158	294	3 407	9 817	2 275	12 085	231
323121	Tradebinding and related work.....	1	9	3	123	2 457	107	217	1 628	4 843	1 075	5 922	106
324	Petroleum and coal products manufacturing	1	51	15	2 691	138 909	1 781	3 582	83 317	359 650	5 017 481	5 335 964	136 388
3241	Petroleum and coal products manufacturing	1	51	15	2 691	138 909	1 781	3 582	83 317	359 650	5 017 481	5 335 964	136 388
32411	Petroleum refineries	1	6	5	1 680	103 252	1 102	2 331	60 939	230 069	4 753 747	4 943 120	127 256
324110	Petroleum refineries	1	6	5	1 680	103 252	1 102	2 331	60 939	230 069	4 753 747	4 943 120	127 256
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	31	7	697	24 081	449	767	15 180	73 800	123 669	195 928	5 781
324121	Asphalt paving mixture and block manufacturing	1	24	4	399	13 922	211	380	7 475	41 966	64 553	104 597	D
324122	Asphalt shingle and coating materials manufacturing ...	—	7	3	298	10 159	238	387	7 705	31 834	59 116	91 331	D
32419	Other petroleum and coal products manufacturing	—	14	3	314	11 576	230	484	7 198	55 781	140 065	196 916	3 351
324191	Petroleum lubricating oil and grease manufacturing	—	12	2	c	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	130	41	3 284	155 981	1 902	3 832	76 780	903 839	835 764	1 748 106	37 754
3251	Basic chemical manufacturing ...	—	33	9	658	33 629	384	813	16 221	180 383	138 105	316 037	D
32518	Other basic inorganic chemical manufacturing	1	18	7	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	2	17	6	299	13 777	187	371	7 429	54 622	28 368	78 913	1 857
32519	Other basic organic chemical manufacturing	—	5	2	254	13 470	170	383	7 455	69 670	73 523	146 835	D
325199	All other basic organic chemical manufacturing	—	5	2	254	13 470	170	383	7 455	69 670	73 523	146 835	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	7	6	288	12 404	189	376	6 878	45 416	146 402	189 518	1 660
32521	Resin and synthetic rubber manufacturing	—	7	6	288	12 404	189	376	6 878	45 416	146 402	189 518	1 660
325211	Plastics material and resin manufacturing	—	7	6	288	12 404	189	376	6 878	45 416	146 402	189 518	1 660
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	7	4	e	D	D	D	D	D	D	D	16 678
32531	Fertilizer manufacturing	—	7	4	e	D	D	D	D	D	D	D	16 678
325311	Nitrogenous fertilizer manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	8	14	3	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	8	14	3	f	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	—	4	1	c	D	D	D	D	D	D	D	26
325412	Pharmaceutical preparation manufacturing	9	6	1	e	D	D	D	D	D	D	D	D

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OKLAHOMA—Con.													
325	Chemical manufacturing—Con.												
3255	Paint, coating, and adhesive manufacturing	1	20	7	470	20 883	188	378	5 461	64 013	77 845	141 251	1 400
32551	Paint and coating manufacturing	—	15	5	323	13 495	152	314	4 273	42 211	44 956	86 995	1 062
325510	Paint and coating manufacturing	—	15	5	323	13 495	152	314	4 273	42 211	44 956	86 995	1 062
32552	Adhesive manufacturing	2	5	2	147	7 388	36	64	1 188	21 802	32 889	54 256	338
325520	Adhesive manufacturing	2	5	2	147	7 388	36	64	1 188	21 802	32 889	54 256	338
3256	Soap, cleaning compound, and toilet preparation manufacturing .	5	19	4	c	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	7	15	3	c	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	1	30	8	673	31 311	388	808	15 113	328 297	125 523	454 850	D
32599	All other chemical product and preparation manufacturing ...	—	27	8	666	31 081	384	801	15 009	327 713	124 657	453 400	D
325992	Photographic film, paper, plate, and chemical manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	—	20	6	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	165	61	13 153	527 575	10 658	21 524	404 133	1 521 300	1 368 153	2 879 286	145 109
3261	Plastics product manufacturing ..	—	130	52	6 149	200 204	4 517	8 835	128 259	739 298	666 748	1 406 274	89 061
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	20	10	1 623	58 731	1 268	2 448	39 453	199 688	254 719	453 254	50 094
326111	Plastics bag manufacturing ..	—	4	3	559	17 705	465	765	13 129	36 302	60 059	93 446	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	1	3	1	132	3 430	114	236	2 370	8 506	13 804	22 799	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	13	6	932	37 596	689	1 447	23 954	154 880	180 856	337 009	42 565
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	1	19	11	783	24 186	615	1 173	16 582	59 541	70 531	131 248	D
326122	Plastics pipe and pipe fitting manufacturing	—	12	10	723	22 769	564	1 081	15 519	55 774	68 504	125 495	3 588
32614	Polystyrene foam product manufacturing	—	5	2	c	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	—	5	2	c	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	1	9	2	210	6 386	170	334	4 289	100 762	15 653	116 108	3 546
326150	Urethane and other foam product (except polystyrene) manufacturing	1	9	2	210	6 386	170	334	4 289	100 762	15 653	116 108	3 546
32616	Plastics bottle manufacturing ..	—	2	2	c	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	72	25	3 242	102 880	2 215	4 426	62 127	349 638	298 230	648 797	D
326191	Plastics plumbing fixture manufacturing	—	9	4	c	D	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	62	20	2 822	84 314	1 875	3 659	47 849	287 905	205 628	494 424	20 333
3262	Rubber product manufacturing ...	—	35	9	7 004	327 371	6 141	12 689	275 874	782 002	701 405	1 473 012	56 048
32621	Tire manufacturing	—	15	5	6 217	305 358	5 542	11 500	262 166	730 180	672 804	1 392 669	53 873
326211	Tire manufacturing (except retreading)	—	4	4	6 152	303 757	5 495	11 409	261 167	726 390	666 209	1 382 429	53 718
32629	Other rubber product manufacturing	2	20	4	787	22 013	599	1 189	13 708	51 822	28 601	80 343	2 175
326291	Rubber product manufacturing for mechanical use	2	11	3	703	19 343	531	1 043	11 981	47 697	24 469	72 112	2 089
327	Nonmetallic mineral product manufacturing	1	277	73	7 390	275 873	6 065	12 158	205 760	879 800	594 636	1 470 630	63 631
3271	Clay product and refractory manufacturing	1	22	12	922	29 472	656	1 333	19 118	109 742	39 356	144 290	2 520
32711	Pottery, ceramics, and plumbing fixture manufacturing	2	7	3	144	3 804	107	227	2 281	7 137	4 382	11 333	685
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	2	6	3	c	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	1	15	9	778	25 668	549	1 106	16 837	102 605	34 974	132 957	1 835
327121	Brick and structural clay tile manufacturing	3	7	5	403	12 707	325	649	9 554	51 787	11 097	62 592	D
327122	Ceramic wall and floor tile manufacturing	—	5	1	c	D	D	D	D	D	D	D	D
327124	Clay refractory manufacturing	—	2	2	c	D	D	D	D	D	D	D	D

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

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

NAICS code	Geographic area and industry	E 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)				
OKLAHOMA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3272	Glass and glass product manufacturing	—	26	12	2 621	121 137	2 296	4 636	99 592	338 999	234 248	577 133	29 329
32721	Glass and glass product manufacturing	—	26	12	2 621	121 137	2 296	4 636	99 592	338 999	234 248	577 133	29 329
327211	Flat glass manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	3	3	857	43 051	760	1 622	36 574	173 994	89 274	264 442	13 642
327215	Glass product manufacturing made of purchased glass ..	2	19	7	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	194	40	2 914	93 210	2 386	4 737	64 369	316 616	223 759	536 895	29 306
32731	Cement manufacturing	—	4	3	376	18 599	276	554	9 777	93 763	35 865	126 791	3 561
327310	Cement manufacturing	—	4	3	376	18 599	276	554	9 777	93 763	35 865	126 791	3 561
32732	Ready-mix concrete manufacturing	1	136	20	1 308	39 188	1 158	2 215	32 277	128 638	138 003	266 678	16 399
327320	Ready-mix concrete manufacturing	1	136	20	1 308	39 188	1 158	2 215	32 277	128 638	138 003	266 678	16 399
32733	Concrete pipe, brick, and block manufacturing	2	18	7	313	9 645	243	479	6 596	27 911	16 603	42 919	2 250
327331	Concrete block and brick manufacturing	4	11	3	140	4 338	108	193	2 850	9 994	8 634	17 335	743
327332	Concrete pipe manufacturing	1	7	4	173	5 307	135	286	3 746	17 917	7 969	25 584	1 507
32739	Other concrete product manufacturing	3	36	10	917	25 778	709	1 489	15 719	66 304	33 288	100 507	7 096
327390	Other concrete product manufacturing	3	36	10	917	25 778	709	1 489	15 719	66 304	33 288	100 507	7 096
3274	Lime and gypsum product manufacturing	1	8	5	648	23 171	505	1 007	16 901	80 509	67 318	148 835	1 150
32742	Gypsum product manufacturing	1	8	5	648	23 171	505	1 007	16 901	80 509	67 318	148 835	1 150
327420	Gypsum product manufacturing	1	8	5	648	23 171	505	1 007	16 901	80 509	67 318	148 835	1 150
3279	Other nonmetallic mineral product manufacturing	2	27	4	285	8 883	222	445	5 780	33 934	29 955	63 477	1 326
32799	All other nonmetallic mineral product manufacturing	2	27	4	285	8 883	222	445	5 780	33 934	29 955	63 477	1 326
327999	All other miscellaneous nonmetallic mineral product manufacturing	2	9	1	128	4 348	89	185	2 485	23 181	23 264	46 145	1 009
331	Primary metal manufacturing	1	78	38	4 450	163 148	3 531	7 266	113 566	332 200	567 404	901 212	19 453
3311	Iron and steel mills and ferroalloy manufacturing	—	6	3	423	20 792	322	666	13 837	45 050	76 954	122 983	D
33111	Iron and steel mills and ferroalloy manufacturing	—	6	3	423	20 792	322	666	13 837	45 050	76 954	122 983	D
331111	Iron and steel mills	—	5	3	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	19	13	1 872	69 502	1 513	3 181	48 486	137 427	261 510	399 261	7 936
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	8	8	1 001	38 542	774	1 629	25 242	59 429	161 786	222 545	5 689
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	8	8	1 001	38 542	774	1 629	25 242	59 429	161 786	222 545	5 689
33122	Rolling and drawing of purchased steel	—	11	5	871	30 960	739	1 552	23 244	77 998	99 724	176 716	2 247
331222	Steel wire drawing	—	11	5	871	30 960	739	1 552	23 244	77 998	99 724	176 716	2 247
3313	Alumina and aluminum production and processing	5	7	3	c	D	D	D	D	D	D	D	1 442
33131	Alumina and aluminum production and processing	5	7	3	c	D	D	D	D	D	D	D	1 442
331319	Other aluminum rolling and drawing	9	1	1	c	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	7	2	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	2	2	f	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	1	1	e	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	—	1	1	c	D	D	D	D	D	D	D	D
3315	Foundries	3	39	17	1 227	38 762	951	1 851	27 701	91 219	46 138	136 211	5 508
33151	Ferrous metal foundries	2	20	12	882	27 768	695	1 316	20 300	66 869	32 610	98 638	4 741
331511	Iron foundries	2	12	6	441	15 272	375	662	12 632	45 165	19 159	63 976	D
331512	Steel investment foundries ..	2	4	4	c	D	D	D	D	D	D	D	2 480
331513	Steel foundries (except investment)	2	4	2	e	D	D	D	D	D	D	D	D

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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)
OKLAHOMA—Con.													
331	Primary metal manufacturing—Con.												
3315	Foundries—Con.												
33152	Nonferrous metal foundries . . .	5	19	5	345	10 994	256	535	7 401	24 350	13 528	37 573	767
331524	Aluminum foundries (except die-casting)	5	10	3	158	4 957	101	222	3 202	9 550	4 618	13 862	241
331525	Copper foundries (except die-casting)	8	4	1	101	2 506	83	162	1 767	6 400	3 434	9 835	207
332	Fabricated metal product manufacturing	2	'999	'248	'24 128	'846 456	'18 144	'36 205	'550 269	'2 093 965	'1 798 970	'3 867 427	'95 573
3321	Forging and stamping	6	28	11	906	26 833	672	1 250	18 535	67 442	53 475	120 832	D
33211	Forging and stamping	6	28	11	906	26 833	672	1 250	18 535	67 442	53 475	120 832	D
332115	Crown and closure manufacturing	9	1	1	c	D	D	D	D	D	D	D	D
332116	Metal stamping	7	14	7	424	11 466	291	551	7 168	31 149	22 200	53 531	2 015
332117	Powder metallurgy part manufacturing	—	3	3	224	6 854	160	292	4 806	15 746	6 575	22 140	D
3323	Architectural and structural metals manufacturing	1	'239	'66	'5 894	'198 440	'4 283	'8 451	'121 173	'501 900	'404 944	'906 998	'19 793
33231	Plate work and fabricated structural product manufacturing	1	133	39	'3 115	'114 635	'2 108	'4 347	'65 798	'277 233	'247 667	'524 452	'10 801
332311	Prefabricated metal building and component manufacturing	1	21	7	611	19 168	431	816	11 303	48 413	53 594	102 171	1 447
332312	Fabricated structural metal manufacturing	1	85	21	1 547	56 674	1 107	2 272	33 577	142 792	126 821	271 158	3 893
332313	Plate work manufacturing	'2	27	11	'957	'38 793	'570	'1 259	'20 918	'86 028	'67 252	'151 123	'5 461
33232	Ornamental and architectural metal products manufacturing	1	'106	'27	'2 779	'83 805	'2 175	'4 104	'55 375	'224 667	'157 277	'382 546	'8 992
332321	Metal window and door manufacturing	1	'14	'8	'1 249	'37 631	'985	'1 882	'24 682	'113 521	'84 304	'198 825	'3 770
332322	Sheet metal work manufacturing	2	62	14	847	28 805	608	1 159	17 211	60 529	48 935	109 235	3 569
332323	Ornamental and architectural metal work manufacturing	—	30	5	683	17 369	582	1 063	13 482	50 617	24 038	74 486	1 653
3324	Boiler, tank, and shipping container manufacturing	1	71	46	4 465	176 918	3 211	6 436	109 770	393 158	532 950	923 788	17 178
33241	Power boiler and heat exchanger manufacturing	3	38	29	2 377	92 807	1 736	3 605	58 556	193 736	165 057	357 320	11 549
332410	Power boiler and heat exchanger manufacturing	3	38	29	2 377	92 807	1 736	3 605	58 556	193 736	165 057	357 320	11 549
33242	Metal tank (heavy gauge) manufacturing	—	23	13	1 419	56 338	891	1 608	28 643	83 560	144 118	229 223	2 147
332420	Metal tank (heavy gauge) manufacturing	—	23	13	1 419	56 338	891	1 608	28 643	83 560	144 118	229 223	2 147
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	10	4	669	27 773	584	1 223	22 571	115 862	223 775	337 245	3 482
332431	Metal can manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
332439	Other metal container manufacturing	1	6	1	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	—	31	8	1 078	31 238	887	1 860	24 351	69 121	80 432	150 508	5 834
33261	Spring and wire product manufacturing	—	31	8	1 078	31 238	887	1 860	24 351	69 121	80 432	150 508	5 834
332611	Spring (heavy gauge) manufacturing	—	4	2	118	2 876	87	170	2 044	3 916	6 957	10 747	D
332612	Spring (light gauge) manufacturing	—	4	2	102	3 293	72	155	2 031	5 554	1 890	7 598	D
332618	Other fabricated wire product manufacturing	—	23	4	858	25 069	728	1 535	20 276	59 651	71 585	132 163	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	389	45	3 704	129 676	2 838	5 362	90 654	247 128	116 250	357 990	15 776
33271	Machine shops	3	356	36	2 906	98 072	2 232	4 164	67 529	185 596	75 297	258 157	12 004
332710	Machine shops	3	356	36	2 906	98 072	2 232	4 164	67 529	185 596	75 297	258 157	12 004
33272	Turned product and screw, nut, and bolt manufacturing	5	33	9	798	31 604	606	1 198	23 125	61 532	40 953	99 833	3 772
332721	Precision turned product manufacturing	1	28	6	485	16 095	353	622	11 686	29 391	16 799	45 225	1 545
332722	Bolt, nut, screw, rivet, and washer manufacturing	9	5	3	313	15 509	253	576	11 439	32 141	24 154	54 608	2 227
3328	Coating, engraving, heat treating, and allied activities	3	77	23	1 468	50 563	1 222	2 446	37 692	111 496	77 879	191 351	8 298
33281	Coating, engraving, heat treating, and allied activities	3	77	23	1 468	50 563	1 222	2 446	37 692	111 496	77 879	191 351	8 298
332811	Metal heat treating	—	10	5	333	11 349	307	685	10 167	30 878	34 272	67 241	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	6	33	11	713	25 333	586	1 159	18 029	55 758	36 515	92 109	4 934
332813	Electroplating, plating, polishing, anodizing, and coloring	4	34	7	422	13 881	329	602	9 496	24 860	7 092	32 001	D

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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)				
OKLAHOMA—Con.													
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing	2	143	47	5 428	198 988	3 963	8 110	120 944	540 761	410 358	931 888	20 884
33291	Metal valve manufacturing	—	37	15	2 523	101 013	1 879	3 987	63 129	324 643	255 294	559 809	13 283
332911	Industrial valve manufacturing	—	21	12	1 267	55 369	806	1 770	26 541	187 614	139 636	304 480	7 792
332912	Fluid power valve and hose fitting manufacturing	—	6	1	e	D	D	D	D	D	D	D	713
332913	Plumbing fixture fitting and trim manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	1	8	1	c	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	4	106	32	2 905	97 975	2 084	4 123	57 815	216 118	155 064	372 079	7 601
332991	Ball and roller bearing manufacturing	2	4	1	152	5 913	122	182	4 474	4 861	17 436	23 044	733
332996	Fabricated pipe and pipe fitting manufacturing	5	39	15	1 274	44 407	979	2 003	26 656	110 856	70 123	182 592	3 136
332999	All other miscellaneous fabricated metal product manufacturing	3	46	15	1 357	44 194	890	1 758	24 486	91 431	62 638	153 224	3 638
333	Machinery manufacturing	1	409	145	24 001	883 748	14 487	28 330	436 605	2 401 784	2 740 365	5 163 094	108 508
3331	Agriculture, construction, and mining machinery manufacturing	1	119	43	6 653	256 479	4 333	8 093	136 063	653 476	790 409	1 449 626	33 996
33311	Agricultural implement manufacturing	4	22	2	c	D	D	D	D	D	D	D	391
333111	Farm machinery and equipment manufacturing ..	4	22	2	c	D	D	D	D	D	D	D	391
33312	Construction machinery manufacturing	3	23	12	2 573	95 750	1 584	3 060	47 237	274 651	287 447	552 798	8 705
333120	Construction machinery manufacturing	3	23	12	2 573	95 750	1 584	3 060	47 237	274 651	287 447	552 798	8 705
33313	Mining and oil and gas field machinery manufacturing	—	74	29	h	D	D	D	D	D	D	D	24 900
333131	Mining machinery and equipment manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	4 541
333132	Oil and gas field machinery and equipment manufacturing	—	68	26	3 370	134 506	2 205	4 101	72 310	265 838	459 085	742 449	20 359
3332	Industrial machinery manufacturing	—	40	15	3 855	122 405	1 329	2 485	45 747	249 558	201 049	447 767	23 703
33322	Plastics and rubber industry machinery manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
333220	Plastics and rubber industry machinery manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	1	37	13	h	D	D	D	D	D	D	D	D
333294	Food product machinery manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	1	25	11	3 205	93 562	954	1 737	33 176	195 115	161 816	354 253	22 026
3333	Commercial and service industry machinery manufacturing	—	26	7	1 303	58 802	657	1 366	18 638	165 847	154 583	313 796	5 287
33331	Commercial and service industry machinery manufacturing	—	26	7	1 303	58 802	657	1 366	18 638	165 847	154 583	313 796	5 287
333313	Office machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333315	Photographic and photocopying equipment manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	18	5	889	38 677	408	861	13 553	93 580	93 464	187 297	1 155
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	39	19	4 155	139 420	3 080	6 071	86 836	377 900	395 220	778 388	9 630
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	39	19	4 155	139 420	3 080	6 071	86 836	377 900	395 220	778 388	9 630
333412	Industrial and commercial fan and blower manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) manufacturing	7	6	2	125	4 533	83	164	2 161	12 164	7 850	20 014	265
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1	23	14	3 563	118 957	2 613	5 124	73 848	333 705	357 480	693 638	9 207

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OKLAHOMA—Con.													
333	Machinery manufacturing—Con.												
3335	Metalworking machinery manufacturing	1	61	9	973	27 165	759	1 610	19 097	68 517	48 998	117 354	5 884
33351	Metalworking machinery manufacturing	1	61	9	973	27 165	759	1 610	19 097	68 517	48 998	117 354	5 884
333511	Industrial mold manufacturing	1	16	4	585	14 355	507	1 117	10 530	38 960	37 601	76 758	2 797
333512	Machine tool (metal cutting types) manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
333515	Cutting tool and machine tool accessory manufacturing...	4	21	1	150	5 282	108	208	3 719	12 845	4 625	16 914	2 849
3336	Engine, turbine, and power transmission equipment manufacturing	—	12	6	1 284	47 955	924	2 089	26 892	216 967	553 837	775 479	5 072
33361	Engine, turbine, and power transmission equipment manufacturing	—	12	6	1 284	47 955	924	2 089	26 892	216 967	553 837	775 479	5 072
333611	Turbine and turbine generator set units manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	7	3	f	D	D	D	D	D	D	D	3 318
3339	Other general purpose machinery manufacturing	2	112	46	5 778	231 522	3 405	6 616	103 332	669 519	596 269	1 280 684	24 936
33391	Pump and compressor manufacturing	2	37	19	3 314	134 802	1 779	3 479	51 148	473 237	417 107	893 628	16 745
333911	Pump and pumping equipment manufacturing ..	3	24	13	2 569	105 639	1 347	2 727	38 736	401 412	321 586	719 720	12 669
333912	Air and gas compressor manufacturing	—	13	6	745	29 163	432	752	12 412	71 825	95 521	173 908	4 076
33392	Material handling equipment manufacturing	2	21	8	893	36 173	565	1 046	18 314	76 136	69 829	151 996	2 434
333923	Overhead traveling crane, hoist, and monorail system manufacturing	2	10	6	672	27 853	431	789	14 093	55 809	57 090	118 739	1 891
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	1	8	1	123	4 692	77	145	2 471	9 629	5 288	15 011	104
33399	All other general purpose machinery manufacturing	2	54	19	1 571	60 547	1 061	2 091	33 870	120 146	109 333	235 060	5 757
333994	Industrial process furnace and oven manufacturing ..	7	7	4	278	12 393	194	396	6 847	16 979	17 661	38 098	870
333996	Fluid power pump and motor manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	28	7	688	23 578	424	706	10 517	43 775	41 863	88 681	1 357
334	Computer and electronic product manufacturing	—	123	37	7 811	280 478	4 228	8 147	114 920	595 452	820 494	1 407 782	24 154
3341	Computer and peripheral equipment manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
334112	Computer storage device manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	6	2	c	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	16	5	2 463	84 631	1 368	2 586	42 223	229 504	510 010	742 434	D
33421	Telephone apparatus manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	9	2	f	D	D	D	D	D	D	D	2 173
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	9	2	f	D	D	D	D	D	D	D	2 173
33429	Other communications equipment manufacturing	1	5	2	c	D	D	D	D	D	D	D	599
334290	Other communications equipment manufacturing ..	1	5	2	c	D	D	D	D	D	D	D	599
3344	Semiconductor and other electronic component manufacturing	—	42	15	2 279	69 011	1 592	3 065	36 954	220 913	203 005	404 324	D
33441	Semiconductor and other electronic component manufacturing	—	42	15	2 279	69 011	1 592	3 065	36 954	220 913	203 005	404 324	D
334412	Bare printed circuit board manufacturing	2	9	3	c	D	D	D	D	D	D	D	111
334417	Electronic connector manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	8	4	754	27 715	442	921	12 131	131 144	153 227	262 260	3 149
334419	Other electronic component manufacturing	—	16	6	1 065	28 775	796	1 426	18 671	42 642	25 441	71 161	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)				
OKLAHOMA—Con.													
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	51	13	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	2	51	13	g	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	10	3	469	21 820	219	462	6 875	26 398	27 702	63 416	837
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2	9	3	305	11 806	175	329	5 684	27 900	14 054	38 865	671
334519	Other measuring and controlling device manufacturing	—	10	3	202	8 596	125	248	4 744	16 424	14 553	30 875	668
335	Electrical equipment, appliance, and component manufacturing	—	66	24	3 710	104 830	3 007	5 231	70 292	369 578	482 783	860 194	18 972
3351	Electric lighting equipment manufacturing	—	7	3	c	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing . .	—	6	2	c	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing . .	—	5	2	g	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	38	15	1 696	53 603	1 277	2 275	32 198	176 420	150 283	323 056	D
33531	Electrical equipment manufacturing	—	38	15	1 696	53 603	1 277	2 275	32 198	176 420	150 283	323 056	D
335311	Power, distribution, and specialty transformer manufacturing	—	4	1	136	3 826	129	138	3 560	8 532	5 403	14 046	D
335312	Motor and generator manufacturing	—	16	8	1 091	33 094	867	1 598	21 501	118 503	104 999	223 552	2 087
335313	Switchgear and switchboard apparatus manufacturing . .	—	8	3	311	10 630	200	395	5 451	33 015	34 361	63 889	478
335314	Relay and industrial control manufacturing	5	10	3	158	6 053	81	144	1 686	16 370	5 520	21 569	D
3359	Other electrical equipment and component manufacturing	—	13	3	314	10 424	241	425	7 019	23 628	64 560	94 374	D
33593	Wiring device manufacturing . . .	—	3	1	c	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	1	9	2	c	D	D	D	D	D	D	D	116
336	Transportation equipment manufacturing	—	200	87	18 909	785 855	14 925	29 239	605 754	2 969 443	3 950 763	6 889 208	135 580
3361	Motor vehicle manufacturing	—	7	3	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	4	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	—	66	32	h	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	66	32	h	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	1	15	9	e	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing . .	3	20	6	e	D	D	D	D	D	D	D	D
336213	Motor home manufacturing . .	—	1	1	c	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	—	30	16	2 666	70 751	2 288	3 390	53 854	141 041	125 631	278 786	D
3363	Motor vehicle parts manufacturing	—	61	23	6 023	197 690	4 700	9 726	137 101	562 645	723 184	1 266 994	29 603
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	16	2	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	14	1	284	11 694	226	315	8 113	33 456	38 854	72 446	617
33632	Motor vehicle electrical and electronic equipment manufacturing	1	11	5	1 787	52 882	1 423	3 193	39 655	154 677	125 226	277 380	2 428
336322	Other motor vehicle electrical and electronic equipment manufacturing	1	11	5	1 787	52 882	1 423	3 193	39 655	154 677	125 226	277 380	2 428

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)
OKLAHOMA—Con.													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	3	2	g	D	D	D	D	D	D	D	
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	3	2	g	D	D	D	D	D	D	D	
33635	Motor vehicle transmission and power train parts manufacturing	—	10	6	1 345	42 553	1 024	2 244	27 366	121 075	131 975	241 666	7 694
336350	Motor vehicle transmission and power train parts manufacturing	—	10	6	1 345	42 553	1 024	2 244	27 366	121 075	131 975	241 666	7 694
33636	Motor vehicle seating and interior trim manufacturing	—	3	1	e	D	D	D	D	D	D	D	
336360	Motor vehicle seating and interior trim manufacturing ..	—	3	1	e	D	D	D	D	D	D	D	
33639	Other motor vehicle parts manufacturing	1	14	6	1 037	42 493	703	1 529	22 273	35 814	161 856	197 574	2 936
336399	All other motor vehicle parts manufacturing	1	14	6	1 037	42 493	703	1 529	22 273	35 814	161 856	197 574	2 936
3364	Aerospace product and parts manufacturing	—	49	26	5 150	230 657	3 571	7 223	166 308	509 795	610 195	1 101 096	29 485
33641	Aerospace product and parts manufacturing	—	49	26	5 150	230 657	3 571	7 223	166 308	509 795	610 195	1 101 096	29 485
336411	Aircraft manufacturing	—	7	4	815	39 772	682	1 517	31 586	88 381	55 176	153 704	D
336412	Aircraft engine and engine parts manufacturing	3	16	10	846	35 777	615	1 252	21 659	74 714	52 392	126 105	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	26	12	3 489	155 108	2 274	4 454	113 063	346 700	502 627	821 287	21 983
3366	Ship and boat building	1	7	2	c	D	D	D	D	D	D	D	227
33661	Ship and boat building	1	7	2	c	D	D	D	D	D	D	D	227
336612	Boat building	—	5	2	c	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	2	9	1	c	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	2	9	1	c	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	1	7	1	c	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	152	35	2 723	68 382	2 178	4 016	47 008	170 648	117 788	286 246	26 518
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	'105	17	'1 458	'34 380	'1 202	'2 199	'25 312	'68 199	'52 368	'119 189	'22 635
33711	Wood kitchen cabinet and countertop manufacturing	4	'60	9	'636	'16 512	'508	'932	'11 194	'28 850	'19 944	'47 540	D
337110	Wood kitchen cabinet and countertop manufacturing ..	4	'60	9	'636	'16 512	'508	'932	'11 194	'28 850	'19 944	'47 540	D
33712	Household and institutional furniture manufacturing	1	45	8	822	17 868	694	1 267	14 118	39 349	32 424	71 649	D
337121	Upholstered household furniture manufacturing	—	5	1	e	D	D	D	D	D	D	D	149
337122	Nonupholstered wood household furniture manufacturing	2	32	5	342	7 632	271	555	5 826	14 302	10 042	24 058	D
337127	Institutional furniture manufacturing	1	4	1	151	2 379	122	181	1 309	9 197	1 789	11 032	328
3372	Office furniture (including fixtures) manufacturing	2	'34	12	'1 019	'27 212	'789	'1 486	'17 795	'77 156	'40 756	'117 097	'3 088
33721	Office furniture (including fixtures) manufacturing	2	'34	12	'1 019	'27 212	'789	'1 486	'17 795	'77 156	'40 756	'117 097	'3 088
337212	Custom architectural woodwork and millwork manufacturing	3	'16	7	e	D	D	D	D	D	D	D	'1 653
337215	Showcase, partition, shelving, and locker manufacturing	—	15	5	551	13 370	465	828	9 257	38 910	19 299	58 151	D
3379	Other furniture related product manufacturing	2	13	6	246	6 790	187	331	3 901	25 293	24 664	49 960	795
33791	Mattress manufacturing	2	12	6	c	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	2	12	6	c	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	306	48	4 523	137 535	3 195	5 855	74 551	377 867	302 030	682 645	21 541

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)
OKLAHOMA—Con.													
339	Miscellaneous manufacturing—Con.												
3391	Medical equipment and supplies manufacturing	4	111	13	1 265	45 268	842	1 429	21 037	121 953	90 312	209 957	5 348
33911	Medical equipment and supplies manufacturing	4	111	13	1 265	45 268	842	1 429	21 037	121 953	90 312	209 957	5 348
339111	Laboratory apparatus and furniture manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	2	8	5	355	12 946	226	445	5 676	35 191	50 616	85 721	1 560
339113	Surgical appliance and supplies manufacturing	7	11	2	295	12 656	205	282	5 522	54 348	9 803	65 475	1 868
339116	Dental laboratories	3	70	3	318	8 923	249	433	6 266	15 085	3 348	18 461	506
3399	Other miscellaneous manufacturing	1	195	35	3 258	92 267	2 353	4 426	53 514	255 914	211 718	472 688	16 193
33992	Sporting and athletic goods manufacturing	—	28	8	1 066	31 613	761	1 450	17 384	80 376	85 042	169 911	7 476
339920	Sporting and athletic goods manufacturing	—	28	8	1 066	31 613	761	1 450	17 384	80 376	85 042	169 911	7 476
33995	Sign manufacturing	4	72	6	541	16 161	349	590	8 133	26 560	19 100	45 885	1 775
339950	Sign manufacturing	4	72	6	541	16 161	349	590	8 133	26 560	19 100	45 885	1 775
33999	All other miscellaneous manufacturing	—	74	18	1 482	39 769	1 114	2 148	25 064	139 422	98 300	237 813	6 692
339991	Gasket, packing, and sealing device manufacturing	1	13	5	e	D	D	D	D	D	D	D	1 692
339999	All other miscellaneous manufacturing	—	57	12	1 001	25 258	721	1 261	14 458	108 489	67 851	176 429	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 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)				
FORT SMITH, AR-OK METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	350	119	27 540	806 958	22 987	44 975	610 877	3 072 038	3 296 747	6 394 911	136 782
311	Food manufacturing	2	40	21	8 784	203 388	7 799	15 336	165 103	782 102	1 195 251	1 989 204	26 327
3114	Fruit and vegetable preserving and specialty food manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	4	3	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	-	3	2	e	D	D	D	D	D	D	D	D
311422	Specialty canning	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	4	15	10	6 798	140 778	6 165	11 938	117 514	258 528	715 893	986 941	17 935
31161	Animal slaughtering and processing	4	15	10	6 798	140 778	6 165	11 938	117 514	258 528	715 893	986 941	17 935
311615	Poultry processing	4	9	9	6 759	139 854	6 129	11 868	116 727	256 763	710 110	979 420	D
3118	Bakeries and tortilla manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311911	Roasted nuts and peanut butter manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	7	2	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	7	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	19	6	393	10 226	282	607	6 749	22 440	34 912	54 725	1 494
322	Paper manufacturing	-	14	10	1 222	43 844	1 019	2 168	32 986	142 591	198 985	334 671	D
3222	Converted paper product manufacturing	-	14	10	1 222	43 844	1 019	2 168	32 986	142 591	198 985	334 671	D
32221	Paperboard container manufacturing	-	13	9	g	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	9	6	f	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	34	4	624	22 411	441	779	14 847	41 633	26 541	68 337	2 557
3231	Printing and related support activities	2	34	4	624	22 411	441	779	14 847	41 633	26 541	68 337	2 557
32311	Printing	2	34	4	624	22 411	441	779	14 847	41 633	26 541	68 337	2 557
323112	Commercial flexographic printing	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	7	2	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32592	Explosives manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	21	14	1 792	43 077	1 526	3 060	31 466	130 278	187 031	322 640	12 396
3261	Plastics product manufacturing	-	20	14	g	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	3	4	3	257	4 861	231	255	3 171	11 749	19 587	31 330	D
326150	Urethane and other foam product (except polystyrene) manufacturing	3	4	3	257	4 861	231	255	3 171	11 749	19 587	31 330	D
32619	Other plastics product manufacturing	-	10	8	1 246	29 939	1 032	2 206	21 477	99 074	126 977	226 156	11 579
326199	All other plastics product manufacturing	-	10	8	1 246	29 939	1 032	2 206	21 477	99 074	126 977	226 156	11 579
327	Nonmetallic mineral product manufacturing	1	27	7	425	11 866	357	730	9 572	42 529	22 685	64 093	2 495

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)				
	FORT SMITH, AR-OK METROPOLITAN STATISTICAL AREA—Con.												
331	Primary metal manufacturing	-	7	4	925	45 885	655	1 433	30 598	168 628	204 783	373 767	12 302
3311	Iron and steel mills and ferroalloy manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	1	1	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	-	2	1	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	-	2	1	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing	-	2	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	62	13	1 583	36 578	1 276	1 720	23 859	85 625	48 554	137 116	4 497
3325	Hardware manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	-	3	3	481	10 836	312	356	6 155	25 770	14 770	40 362	D
33261	Spring and wire product manufacturing	-	3	3	481	10 836	312	356	6 155	25 770	14 770	40 362	D
332618	Other fabricated wire product manufacturing	-	3	3	481	10 836	312	356	6 155	25 770	14 770	40 362	D
333	Machinery manufacturing	-	21	5	2 486	93 282	1 868	4 040	71 657	665 336	284 564	953 194	8 016
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	5	4	g	D	D	D	D	D	D	D	7 817
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	5	4	g	D	D	D	D	D	D	D	7 817
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	5	4	g	D	D	D	D	D	D	D	7 817
335	Electrical equipment, appliance, and component manufacturing	-	12	9	5 554	197 531	4 915	10 117	160 673	685 600	795 622	1 483 145	33 935
3352	Household appliance manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	8	5	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	8	5	g	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33591	Battery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	10	3	495	17 233	397	482	12 144	42 070	68 212	109 890	701
3363	Motor vehicle parts manufacturing	-	6	2	e	D	D	D	D	D	D	D	478
337	Furniture and related product manufacturing	-	30	13	1 809	43 939	1 481	2 836	31 417	87 526	107 558	194 672	3 831
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	24	10	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	21	10	1 387	35 231	1 120	2 022	25 089	68 660	85 005	151 108	2 967
337122	Nonupholstered wood household furniture manufacturing	-	10	5	1 065	26 430	855	1 538	18 687	51 694	66 665	115 630	2 297
3372	Office furniture (including fixtures) manufacturing	-	5	2	383	7 835	327	737	5 745	17 222	20 220	39 582	D
33721	Office furniture (including fixtures) manufacturing	-	5	2	383	7 835	327	737	5 745	17 222	20 220	39 582	D
337211	Wood office furniture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
FORT SMITH, AR-OK METROPOLITAN STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	2	27	3	559	11 757	366	773	5 944	37 840	19 784	58 333	1 706
3399	Other miscellaneous manufacturing	2	21	3	542	11 188	353	757	5 693	36 693	19 363	56 798	1 677
33992	Sporting and athletic goods manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA													
31-33	Manufacturing	—	1 204	307	44 606	1 658 259	31 717	63 173	1 061 769	5 938 993	6 946 682	12 808 757	317 656
311	Food manufacturing	1	88	25	h	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	—	12	5	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	—	12	5	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	4	4	3	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	5	3	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	20	8	997	31 494	774	1 608	19 169	131 431	237 272	365 966	3 373
31161	Animal slaughtering and processing	1	20	8	997	31 494	774	1 608	19 169	131 431	237 272	365 966	3 373
311612	Meat processed from carcasses	1	13	7	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	31	3	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	1	26	3	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	5	3	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	4	11	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	1	9	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	1	9	1	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	22	7	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	1	16	6	e	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	46	12	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	3	37	9	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	14	6	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	13	6	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	6	4	363	11 670	267	555	6 874	22 798	31 898	55 491	D
323	Printing and related support activities	2	165	23	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	2	165	23	g	D	D	D	D	D	D	D	D
32311	Printing	2	151	21	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	84	14	1 006	30 952	738	1 336	19 162	62 791	40 002	106 146	D
323113	Commercial screen printing..	—	21	5	250	7 047	172	333	3 996	15 608	11 478	27 144	865
324	Petroleum and coal products manufacturing	1	10	3	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	1	10	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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)				
OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA—Con.													
325	Chemical manufacturing	1	39	12	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	8	9	2	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	8	9	2	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	9	2	e	D	D	D	D	D	D	D	372
32599	All other chemical product and preparation manufacturing	—	8	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	49	19	4 261	172 835	3 333	6 725	126 552	530 079	385 272	915 454	D
3261	Plastics product manufacturing ..	—	42	17	h	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	21	10	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	15	7	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ..	—	7	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	74	25	g	D	D	D	D	D	D	D	12 505
3273	Cement and concrete product manufacturing	2	51	17	f	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	—	34	8	e	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	—	34	8	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	7	10	6	388	11 172	283	553	4 995	26 309	10 771	37 025	1 318
327390	Other concrete product manufacturing	7	10	6	388	11 172	283	553	4 995	26 309	10 771	37 025	1 318
331	Primary metal manufacturing	2	11	4	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	3	1	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	1	1	e	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	217	55	i	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	58	21	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	1	31	11	f	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing	—	9	4	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	1	18	6	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	27	10	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	3	3	758	23 735	603	1 107	16 761	75 222	46 302	122 768	D
3324	Boiler, tank, and shipping container manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3327	Machine shops: turned product; and screw, nut, and bolt manufacturing	2	81	10	f	D	D	D	D	D	D	D	D
33271	Machine shops	2	74	7	f	D	D	D	D	D	D	D	D
332710	Machine shops	2	74	7	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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)
	OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities	6	23	7	267	9 272	207	398	6 414	17 588	9 391	26 972	D
33281	Coating, engraving, heat treating, and allied activities ..	6	23	7	267	9 272	207	398	6 414	17 588	9 391	26 972	D
3329	Other fabricated metal product manufacturing	—	32	13	2 549	92 886	1 861	3 924	57 688	303 778	234 386	515 423	10 753
33291	Metal valve manufacturing	—	12	8	1 763	70 490	1 353	2 901	44 995	262 915	205 261	446 127	9 515
332911	Industrial valve manufacturing	—	9	7	985	43 008	641	1 428	21 275	161 619	123 930	262 326	D
332913	Plumbing fixture fitting and trim manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	2	20	5	786	22 396	508	1 023	12 693	40 863	29 125	69 296	1 238
332999	All other miscellaneous fabricated metal product manufacturing	2	11	4	678	19 014	419	835	10 006	34 681	23 773	57 698	990
333	Machinery manufacturing	1	114	30	i	D	D	D	D	D	D	D	29 700
3331	Agriculture, construction, and mining machinery manufacturing	—	36	10	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	1	28	9	f	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	1	28	9	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	14	8	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	14	8	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1	12	8	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	3	34	8	g	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	4	16	5	g	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	4	10	3	f	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	10	2	e	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	39	13	h	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
334112	Computer storage device manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	17	7	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	17	7	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	9	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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)				
	OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA—Con.												
335	Electrical equipment, appliance, and component manufacturing	-	12	2	370	11 174	310	481	8 862	30 183	49 116	81 301	1 119
336	Transportation equipment manufacturing	-	83	34	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	3	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	3	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	2	1	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	25	10	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	1	25	10	g	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	4	11	4	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	-	10	5	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	33	14	4 498	133 270	3 653	7 797	102 114	465 019	483 168	927 180	24 240
33632	Motor vehicle electrical and electronic equipment manufacturing	-	7	3	1 471	40 361	1 197	2 866	32 635	135 038	107 224	238 915	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	7	3	1 471	40 361	1 197	2 866	32 635	135 038	107 224	238 915	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	7	4	1 222	38 009	934	2 107	24 739	115 988	114 330	216 129	6 958
336350	Motor vehicle transmission and power train parts manufacturing	-	7	4	1 222	38 009	934	2 107	24 739	115 988	114 330	216 129	6 958
33636	Motor vehicle seating and interior trim manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	-	2	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	2	6	3	308	9 606	263	520	7 220	3 148	3 009	7 615	57
336399	All other motor vehicle parts manufacturing	2	6	3	308	9 606	263	520	7 220	3 148	3 009	7 615	57
3364	Aerospace product and parts manufacturing	-	14	8	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	14	8	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	-	5	4	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	-	7	3	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	54	14	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	30	4	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	15	6	1659	16 700	524	942	11 666	49 573	27 092	76 149	1 123
33721	Office furniture (including fixtures) manufacturing	2	15	6	1659	16 700	524	942	11 666	49 573	27 092	76 149	1 123
337212	Custom architectural woodwork and millwork manufacturing	4	7	4	289	8 456	193	389	5 239	27 838	10 680	38 421	D
337215	Showcase, partition, shelving, and locker manufacturing	-	7	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	117	18	1 544	46 645	973	1 731	21 881	141 721	138 566	278 138	4 148
3391	Medical equipment and supplies manufacturing	1	50	6	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	1	50	6	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	1	5	4	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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)				
	OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA—Con.												
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing	1	67	12	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing	3	32	3	e	D	D	D	D	D	D	D	D
339950	Sign manufacturing	3	32	3	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	21	7	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	—	15	5	e	D	D	D	D	D	D	D	D
	Oklahoma City, OK Metropolitan Statistical Area												
31-33	Manufacturing	—	1 141	287	41 197	1 542 123	29 147	58 132	984 886	5 652 120	6 645 156	12 220 074	262 757
311	Food manufacturing	1	84	24	3 025	102 153	2 014	4 258	58 886	429 584	880 460	1 310 891	17 249
3111	Animal food manufacturing	—	10	5	395	17 758	259	598	11 060	168 730	356 763	516 915	5 795
31111	Animal food manufacturing	—	10	5	395	17 758	259	598	11 060	168 730	356 763	516 915	5 795
3115	Dairy product manufacturing	2	5	3	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	20	8	997	31 494	774	1 608	19 169	131 431	237 272	365 966	3 373
31161	Animal slaughtering and processing	1	20	8	997	31 494	774	1 608	19 169	131 431	237 272	365 966	3 373
311612	Meat processed from carcasses	1	13	7	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	30	3	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	1	25	3	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	5	3	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	4	11	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	1	9	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	1	9	1	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	21	6	460	12 497	252	445	4 736	26 869	38 234	63 766	D
3152	Cut and sew apparel manufacturing	1	15	5	404	11 395	202	351	3 925	25 083	36 606	60 401	D
31529	Other cut and sew apparel manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	43	10	509	11 819	412	753	8 484	19 669	21 888	41 581	D
3219	Other wood product manufacturing	3	36	8	409	9 989	328	619	7 126	16 735	16 602	33 319	D
322	Paper manufacturing	1	14	6	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	13	6	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	6	4	363	11 670	267	555	6 874	22 798	31 898	55 491	D
323	Printing and related support activities	2	160	23	1 559	46 558	1 141	2 098	28 567	96 864	59 498	159 773	7 692
3231	Printing and related support activities	2	160	23	1 559	46 558	1 141	2 098	28 567	96 864	59 498	159 773	7 692
32311	Printing	2	146	21	1 460	44 482	1 055	1 933	27 239	93 264	58 748	155 422	D
323110	Commercial lithographic printing	1	81	14	1 002	30 815	734	1 330	19 075	62 527	39 811	105 691	6 247
323113	Commercial screen printing ..	—	21	5	250	7 047	172	333	3 996	15 608	11 478	27 144	865
324	Petroleum and coal products manufacturing	1	9	3	310	10 312	148	306	4 488	24 788	62 632	89 111	1 128
3241	Petroleum and coal products manufacturing	1	9	3	310	10 312	148	306	4 488	24 788	62 632	89 111	1 128

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)				
OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA—Con.													
Oklahoma City, OK Metropolitan Statistical Area—Con.													
325	Chemical manufacturing	1	38	12	1 172	55 761	591	1 148	22 681	450 130	220 455	667 772	3 466
3254	Pharmaceutical and medicine manufacturing	8	8	2	486	23 796	268	474	10 367	118 249	14 848	130 985	1 675
32541	Pharmaceutical and medicine manufacturing	8	8	2	486	23 796	268	474	10 367	118 249	14 848	130 985	1 675
325412	Pharmaceutical preparation manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	9	2	e	D	D	D	D	D	D	D	372
32599	All other chemical product and preparation manufacturing	—	8	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	39	15	3 187	132 587	2 624	5 339	103 969	422 073	285 760	706 994	41 561
3261	Plastics product manufacturing ..	—	34	13	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	18	8	912	30 301	659	1 436	20 384	99 699	80 486	182 226	D
326199	All other plastics product manufacturing	—	12	5	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ..	—	5	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	69	23	1 326	41 265	1 029	2 042	26 690	119 585	92 125	210 987	11 532
3273	Cement and concrete product manufacturing	2	49	16	946	29 659	747	1 453	19 219	91 020	71 413	161 994	10 191
32732	Ready-mix concrete manufacturing	—	32	7	436	14 630	371	701	11 573	51 032	54 890	105 897	7 637
327320	Ready-mix concrete manufacturing	—	32	7	436	14 630	371	701	11 573	51 032	54 890	105 897	7 637
32739	Other concrete product manufacturing	7	10	6	388	11 172	283	553	4 995	26 309	10 771	37 025	1 318
327390	Other concrete product manufacturing	7	10	6	388	11 172	283	553	4 995	26 309	10 771	37 025	1 318
331	Primary metal manufacturing	6	9	3	330	11 892	249	554	8 610	27 102	61 347	87 431	2 045
332	Fabricated metal product manufacturing	—	207	53	5 992	213 129	4 456	8 876	138 781	625 138	601 613	1 203 119	19 470
3323	Architectural and structural metals manufacturing	—	54	19	1 905	63 940	1 400	2 722	40 371	174 410	136 097	312 330	2 813
33231	Plate work and fabricated structural product manufacturing	1	29	9	878	31 586	609	1 232	18 288	80 582	72 507	153 387	1 206
332311	Prefabricated metal building and component manufacturing	—	8	3	412	13 058	296	554	7 749	28 999	36 494	65 617	D
332312	Fabricated structural metal manufacturing	1	17	5	430	17 592	292	637	9 911	49 352	34 470	83 981	668
33232	Ornamental and architectural metal products manufacturing	—	25	10	1 027	32 354	791	1 490	22 083	93 828	63 590	158 943	1 607
332321	Metal window and door manufacturing	—	3	3	758	23 735	603	1 107	16 761	75 222	46 302	122 768	D
3324	Boiler, tank, and shipping container manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	78	10	825	26 149	619	1 087	18 448	44 682	20 571	64 619	1 917
33271	Machine shops	2	71	7	592	18 537	468	870	13 116	33 249	11 646	44 757	1 504
332710	Machine shops	2	71	7	592	18 537	468	870	13 116	33 249	11 646	44 757	1 504
3328	Coating, engraving, heat treating, and allied activities	6	23	7	267	9 272	207	398	6 414	17 588	9 391	26 972	D
33281	Coating, engraving, heat treating, and allied activities ..	6	23	7	267	9 272	207	398	6 414	17 588	9 391	26 972	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)				
	OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA—Con.												
	Oklahoma City, OK Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing	-	32	13	2 549	92 886	1 861	3 924	57 688	303 778	234 386	515 423	10 753
33291	Metal valve manufacturing	-	12	8	1 763	70 490	1 353	2 901	44 995	262 915	205 261	446 127	9 515
332911	Industrial valve manufacturing	-	9	7	985	43 008	641	1 428	21 275	161 619	123 930	262 326	D
332913	Plumbing fixture fitting and trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	2	20	5	786	22 396	508	1 023	12 693	40 863	29 125	69 296	1 238
332999	All other miscellaneous fabricated metal product manufacturing	2	11	4	678	19 014	419	835	10 006	34 681	23 773	57 698	990
333	Machinery manufacturing	2	107	28	4 988	174 809	3 281	6 615	100 739	554 225	537 913	1 084 169	27 315
3331	Agriculture, construction, and mining machinery manufacturing	-	33	9	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	1	26	8	711	28 426	519	1 037	17 067	62 948	83 652	155 472	11 459
333132	Oil and gas field machinery and equipment manufacturing	1	26	8	711	28 426	519	1 037	17 067	62 948	83 652	155 472	11 459
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	13	8	2 015	68 448	1 366	2 768	43 319	188 270	235 770	425 929	5 593
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	13	8	2 015	68 448	1 366	2 768	43 319	188 270	235 770	425 929	5 593
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1	12	8	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	4	32	7	1 274	44 893	776	1 552	22 985	185 254	151 981	335 270	5 837
33391	Pump and compressor manufacturing	4	16	5	g	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	4	10	3	f	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	36	11	4 211	174 210	2 013	4 187	63 916	385 652	643 900	1 004 763	8 421
3341	Computer and peripheral equipment manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
334112	Computer storage device manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	15	5	798	25 070	516	969	11 689	134 143	147 138	260 952	D
33441	Semiconductor and other electronic component manufacturing	-	15	5	798	25 070	516	969	11 689	134 143	147 138	260 952	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	1	7	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	12	2	370	11 174	310	481	8 862	30 183	49 116	81 301	1 119

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)				
OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA—Con.													
Oklahoma City, OK Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	—	79	31	9 713	423 933	8 142	16 432	348 383	2 149 474	2 754 144	4 882 835	98 818
3361	Motor vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	23	9	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	1	23	9	g	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	5	10	3	265	7 301	235	332	6 033	6 099	15 824	21 828	D
336214	Travel trailer and camper manufacturing	—	9	5	1 097	28 596	935	1 451	21 493	58 365	54 705	117 167	969
3363	Motor vehicle parts manufacturing	—	33	14	4 498	133 270	3 653	7 797	102 114	465 019	483 168	927 180	24 240
33632	Motor vehicle electrical and electronic equipment manufacturing	—	7	3	1 471	40 361	1 197	2 866	32 635	135 038	107 224	238 915	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	7	3	1 471	40 361	1 197	2 866	32 635	135 038	107 224	238 915	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	7	4	1 222	38 009	934	2 107	24 739	115 988	114 330	216 129	6 958
336350	Motor vehicle transmission and power train parts manufacturing	—	7	4	1 222	38 009	934	2 107	24 739	115 988	114 330	216 129	6 958
33636	Motor vehicle seating and interior trim manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	2	6	3	308	9 606	263	520	7 220	3 148	3 009	7 615	57
336399	All other motor vehicle parts manufacturing	2	6	3	308	9 606	263	520	7 220	3 148	3 009	7 615	57
3364	Aerospace product and parts manufacturing	—	13	7	866	36 711	636	1 061	21 913	113 885	66 633	179 213	D
33641	Aerospace product and parts manufacturing	—	13	7	866	36 711	636	1 061	21 913	113 885	66 633	179 213	D
336412	Aircraft engine and engine parts manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	53	14	1 103	28 780	875	1 606	19 684	77 955	51 914	129 332	2 178
3371	Household and institutional furniture and kitchen cabinet manufacturing	16	29	4	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	15	6	1659	16 700	524	942	11 666	49 573	27 092	76 149	1 123
33721	Office furniture (including fixtures) manufacturing	2	15	6	1659	16 700	524	942	11 666	49 573	27 092	76 149	1 123
337212	Custom architectural woodwork and millwork manufacturing	4	7	4	289	8 456	193	389	5 239	27 838	10 680	38 421	D
337215	Showcase, partition, shelving, and locker manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	113	18	1 530	46 220	963	1 715	21 658	141 038	138 053	276 942	4 129
3391	Medical equipment and supplies manufacturing	1	49	6	661	22 461	403	736	9 494	45 732	75 239	117 760	2 372
33911	Medical equipment and supplies manufacturing	1	49	6	661	22 461	403	736	9 494	45 732	75 239	117 760	2 372
339112	Surgical and medical instrument manufacturing ..	1	5	4	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
	OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA—Con.												
	Oklahoma City, OK Metropolitan Statistical Area—Con.												
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing	1	64	12	869	23 759	560	979	12 164	95 306	62 814	159 182	1 757
33995	Sign manufacturing	3	30	3	316	9 200	198	331	4 548	15 642	10 389	26 268	324
339950	Sign manufacturing	3	30	3	316	9 200	198	331	4 548	15 642	10 389	26 268	324
33999	All other miscellaneous manufacturing	—	20	7	455	11 651	296	533	6 005	73 427	47 882	122 124	1 262
339999	All other miscellaneous manufacturing	—	14	5	374	9 293	231	394	4 264	68 635	45 355	114 871	D
	Shawnee, OK Micropolitan Statistical Area												
31-33	Manufacturing	—	63	20	3 409	116 136	2 570	5 041	76 883	286 873	301 526	588 683	54 899
326	Plastics and rubber products manufacturing	—	10	4	1 074	40 248	709	1 386	22 583	108 006	99 512	208 460	D
3261	Plastics product manufacturing ..	—	8	4	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	3	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	D
331	Primary metal manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	2	1	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	1	1	e	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	7	2	e	D	D	D	D	D	D	D	2 385
3339	Other general purpose machinery manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	1 557	454	55 395	2 035 439	37 648	73 436	1 197 919	5 580 812	7 051 139	12 649 347	314 534
311	Food manufacturing	1	51	14	h	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	7	3	444	12 357	357	750	8 775	64 505	74 234	138 282	D
31161	Animal slaughtering and processing	2	7	3	444	12 357	357	750	8 775	64 505	74 234	138 282	D
311612	Meat processed from carcasses	2	3	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	25	6	1 862	61 920	883	1 771	26 865	136 283	73 069	207 709	6 264
31181	Bread and bakery product manufacturing	1	20	6	1 846	61 674	868	1 747	26 659	135 708	72 760	206 826	6 243
311812	Commercial bakeries	3	8	3	f	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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)
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	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.												
311	Food manufacturing—Con.												
3119	Other food manufacturing	—	8	2	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	—	6	2	f	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	15	9	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	e	D	D	D	D	D	D	D	D
32212	Paper mills	—	1	1	e	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	4	14	8	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	7	5	4	e	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing	9	4	3	309	9 902	148	303	5 516	34 808	24 536	60 248	1 177
323	Printing and related support activities	1	144	18	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	1	144	18	g	D	D	D	D	D	D	D	D
32311	Printing	1	132	17	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	—	41	9	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	18	6	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	18	6	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	3	2	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	3	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	50	14	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	58	20	1 629	48 160	1 273	2 445	30 572	125 558	129 676	255 246	10 682
3261	Plastics product manufacturing ..	1	45	17	1 273	38 790	979	1 869	24 180	108 293	120 191	228 438	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	5	3	335	12 230	233	485	5 676	45 552	71 151	116 591	D
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	2	7	5	377	11 858	311	576	8 902	28 179	25 628	53 884	1 491
326122	Plastics pipe and pipe fitting manufacturing	2	4	4	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	3	25	7	431	11 109	329	578	7 326	23 844	14 204	38 207	D
326199	All other plastics product manufacturing	4	24	6	e	D	D	D	D	D	D	D	721
3262	Rubber product manufacturing ...	7	13	3	356	9 370	294	576	6 392	17 265	9 485	26 808	D
32629	Other rubber product manufacturing	7	10	3	e	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	8	8	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	70	26	h	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	1	5	5	406	12 962	246	493	7 307	57 719	24 104	77 760	952
32712	Clay building material and refractories manufacturing	1	4	4	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	12	8	2 190	103 387	1 935	3 909	85 361	278 067	202 081	484 442	26 087
32721	Glass and glass product manufacturing	—	12	8	2 190	103 387	1 935	3 909	85 361	278 067	202 081	484 442	26 087
327211	Flat glass manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	1	6	4	e	D	D	D	D	D	D	D	D

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

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	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.												
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing	1	44	11	f	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	—	25	4	e	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	—	25	4	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	2	11	2	383	10 858	321	725	8 669	31 373	14 492	47 276	1 968
327390	Other concrete product manufacturing	2	11	2	383	10 858	321	725	8 669	31 373	14 492	47 276	1 968
331	Primary metal manufacturing	1	45	22	2 577	101 644	1 963	4 134	65 270	194 586	376 646	575 493	10 767
3311	Iron and steel mills and ferroalloy manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	3	3	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	13	10	1 452	54 437	1 144	2 377	36 192	105 457	198 885	305 581	D
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	7	7	f	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	7	7	f	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	6	3	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	6	3	e	D	D	D	D	D	D	D	D
3315	Foundries	6	24	6	435	14 771	350	733	10 937	38 794	19 733	58 306	1 110
332	Fabricated metal product manufacturing	2	'518	'144	'13 103	'478 468	'9 599	'19 348	'300 710	'1 085 027	'890 751	'1 975 371	'55 184
3321	Forging and stamping	6	16	6	f	D	D	D	D	D	D	D	D
33211	Forging and stamping	6	16	6	f	D	D	D	D	D	D	D	D
332116	Metal stamping	7	9	5	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	'115	'31	h	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	2	65	20	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	2	36	8	f	D	D	D	D	D	D	D	D
332313	Plate work manufacturing	'2	20	9	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	3	'50	'11	'817	'26 964	'595	'1 121	'16 101	'55 623	'37 531	'92 779	'2 371
332322	Sheet metal work manufacturing	3	29	8	517	17 976	371	679	10 719	32 292	17 964	50 144	1 659
3324	Boiler, tank, and shipping container manufacturing	2	54	34	h	D	D	D	D	D	D	D	13 252
33241	Power boiler and heat exchanger manufacturing	3	32	24	1 998	80 288	1 411	2 932	49 252	172 176	152 695	323 373	11 184
332410	Power boiler and heat exchanger manufacturing	3	32	24	1 998	80 288	1 411	2 932	49 252	172 176	152 695	323 373	11 184
33242	Metal tank (heavy gauge) manufacturing	—	19	10	g	D	D	D	D	D	D	D	1 935
332420	Metal tank (heavy gauge) manufacturing	—	19	10	g	D	D	D	D	D	D	D	1 935
3325	Hardware manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	—	13	5	633	15 980	521	1 118	12 182	40 267	35 620	77 134	D
33261	Spring and wire product manufacturing	—	13	5	633	15 980	521	1 118	12 182	40 267	35 620	77 134	D
332618	Other fabricated wire product manufacturing	—	9	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	185	25	g	D	D	D	D	D	D	D	9 585
33271	Machine shops	3	168	21	g	D	D	D	D	D	D	D	6 605
332710	Machine shops	3	168	21	g	D	D	D	D	D	D	D	6 605
33272	Turned product and screw, nut, and bolt manufacturing	7	17	4	446	20 624	358	792	15 236	42 801	28 355	69 279	2 980
332722	Bolt, nut, screw, rivet, and washer manufacturing	9	4	3	e	D	D	D	D	D	D	D	2 227

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

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	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities	5	43	13	f	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	5	43	13	f	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	5	18	7	530	18 397	438	877	13 107	44 042	27 460	71 346	4 567
332813	Electroplating, plating, polishing, anodizing, and coloring	4	20	4	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	4	82	28	2 195	84 675	1 582	3 143	49 129	185 707	139 089	329 391	D
33291	Metal valve manufacturing	2	19	6	480	22 214	310	681	11 995	46 448	29 490	77 681	3 016
332911	Industrial valve manufacturing	2	10	5	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	5	63	22	1 715	62 461	1 272	2 462	37 134	139 259	109 599	251 710	D
332996	Fabricated pipe and pipe fitting manufacturing	5	24	13	g	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	4	25	8	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	187	79	11 881	453 800	6 216	12 007	189 335	1 185 289	1 065 916	2 290 558	54 496
3331	Agriculture, construction, and mining machinery manufacturing	4	35	17	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	7	7	5	f	D	D	D	D	D	D	D	4 541
333120	Construction machinery manufacturing	7	7	5	f	D	D	D	D	D	D	D	4 541
33313	Mining and oil and gas field machinery manufacturing	—	26	12	1 212	49 808	782	1 491	27 231	137 496	105 291	249 005	D
333132	Oil and gas field machinery and equipment manufacturing	—	26	12	1 212	49 808	782	1 491	27 231	137 496	105 291	249 005	D
3332	Industrial machinery manufacturing	1	28	11	h	D	D	D	D	D	D	D	D
33322	Plastics and rubber industry machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333220	Plastics and rubber industry machinery manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	1	26	9	h	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	1	19	9	h	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	11	4	1 065	48 337	523	1 106	14 152	122 494	122 022	244 773	2 767
33331	Commercial and service industry machinery manufacturing	—	11	4	1 065	48 337	523	1 106	14 152	122 494	122 022	244 773	2 767
333313	Office machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	19	8	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	19	8	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1	8	4	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	4	29	5	306	9 687	220	447	6 183	22 172	10 432	32 620	D
33351	Metalworking machinery manufacturing	4	29	5	306	9 687	220	447	6 183	22 172	10 432	32 620	D

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	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.												
333	Machinery manufacturing—Con.												
3336	Engine, turbine, and power transmission equipment manufacturing	—	6	4	477	24 247	342	785	11 077	85 323	74 282	171 485	2 991
33361	Engine, turbine, and power transmission equipment manufacturing	—	6	4	477	24 247	342	785	11 077	85 323	74 282	171 485	2 991
333611	Turbine and turbine generator set units manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	1	59	30	h	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	1	19	13	g	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	1	12	9	g	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	2	10	6	664	27 416	428	782	13 940	55 409	57 607	118 919	1 932
333923	Overhead traveling crane, hoist, and monorail system manufacturing	2	8	6	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	2	30	11	f	D	D	D	D	D	D	D	D
333994	Industrial process furnace and oven manufacturing ...	7	7	4	278	12 393	194	396	6 847	16 979	17 661	38 098	870
333999	All other miscellaneous general purpose machinery manufacturing	—	17	4	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	59	15	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	8	1	959	12 515	497	557	4 244	37 543	44 862	87 369	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	17	6	581	19 003	416	869	10 721	28 936	22 970	49 979	1 288
33441	Semiconductor and other electronic component manufacturing	1	17	6	581	19 003	416	869	10 721	28 936	22 970	49 979	1 288
334418	Printed circuit assembly (electronic assembly) manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	29	8	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	29	8	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	38	15	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	3	1	g	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	1	24	11	782	27 284	540	1 004	14 827	70 832	88 336	155 054	D
33531	Electrical equipment manufacturing	1	24	11	782	27 284	540	1 004	14 827	70 832	88 336	155 054	D
335312	Motor and generator manufacturing	1	10	6	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	—	6	3	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	66	31	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	2	2	f	D	D	D	D	D	D	D	D

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TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.														
336	Transportation equipment manufacturing—Con.													
3362	Motor vehicle body and trailer manufacturing	4	12	7	e	D	D	D	D	D	D	D	D	
33621	Motor vehicle body and trailer manufacturing	4	12	7	e	D	D	D	D	D	D	D	D	
336214	Travel trailer and camper manufacturing	3	7	4	e	D	D	D	D	D	D	D	D	
3363	Motor vehicle parts manufacturing	—	17	6		985	42 572	646	1 331	21 139	46 593	185 913	234 497	3 941
33639	Other motor vehicle parts manufacturing	—	5	3		707	32 179	422	972	14 528	30 853	156 818	186 117	D
336399	All other motor vehicle parts manufacturing	—	5	3		707	32 179	422	972	14 528	30 853	156 818	186 117	D
3364	Aerospace product and parts manufacturing	—	30	16		4 149	190 056	2 875	6 028	143 114	388 794	537 497	909 231	25 743
33641	Aerospace product and parts manufacturing	—	30	16		4 149	190 056	2 875	6 028	143 114	388 794	537 497	909 231	25 743
336411	Aircraft manufacturing	—	3	2	f		D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	5	11	6	e	D	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	16	8		2 959	132 809	1 887	3 862	99 967	266 283	448 212	690 196	D
337	Furniture and related product manufacturing	3	45	9		508	14 091	406	743	9 542	25 311	20 176	45 220	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	31	6		365	9 628	303	542	6 885	15 949	10 744	26 755	D
33711	Wood kitchen cabinet and countertop manufacturing	3	18	4		274	7 345	226	379	5 159	12 068	7 336	19 467	D
337110	Wood kitchen cabinet and countertop manufacturing ..	3	18	4		274	7 345	226	379	5 159	12 068	7 336	19 467	D
339	Miscellaneous manufacturing	2	113	20	g	D	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	6	35	5	e	D	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	6	35	5	e	D	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	78	15	g	D	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	—	16	6		905	27 650	645	1 242	15 184	67 968	76 838	149 942	7 399
339920	Sporting and athletic goods manufacturing	—	16	6		905	27 650	645	1 242	15 184	67 968	76 838	149 942	7 399
33999	All other miscellaneous manufacturing	1	34	6	e	D	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	—	25	3	e	D	D	D	D	D	D	D	D	D
Bartlesville, OK Micropolitan Statistical Area														
31-33	Manufacturing	5	48	8		1 557	54 819	996	2 011	22 345	50 022	99 705	162 194	3 485
332	Fabricated metal product manufacturing	2	14	2		253	9 784	187	389	6 381	7 836	9 659	17 936	666
333	Machinery manufacturing	8	8	3		814	32 542	438	722	7 583	25 647	57 725	84 948	2 193
3339	Other general purpose machinery manufacturing	9	4	2	f	D	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	9	2	1	f	D	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D	D
Tulsa, OK Metropolitan Statistical Area														
31-33	Manufacturing	1	1 509	446		53 838	1 980 620	36 652	71 425	1 175 574	5 530 790	6 951 434	12 487 153	311 049
311	Food manufacturing	1	50	14		3 395	104 147	2 092	3 408	56 719	383 456	240 910	616 916	14 173
3115	Dairy product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	7	3		444	12 357	357	750	8 775	64 505	74 234	138 282	D
31161	Animal slaughtering and processing	2	7	3		444	12 357	357	750	8 775	64 505	74 234	138 282	D
311612	Meat processed from carcasses	2	3	2	e	D	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.												
	Tulsa, OK Metropolitan Statistical Area—Con.												
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing	1	25	6	1 862	61 920	883	1 771	26 865	136 283	73 069	207 709	6 264
31181	Bread and bakery product manufacturing	1	20	6	1 846	61 674	868	1 747	26 659	135 708	72 760	206 826	6 243
311812	Commercial bakeries	3	8	3	f	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	8	2	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	—	6	2	f	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	15	9	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	e	D	D	D	D	D	D	D	D
32212	Paper mills	—	1	1	e	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	4	14	8	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	7	5	4	e	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing	9	4	3	309	9 902	148	303	5 516	34 808	24 536	60 248	1 177
323	Printing and related support activities	1	139	17	1 480	48 443	1 054	1 906	26 688	104 869	56 608	153 348	8 408
3231	Printing and related support activities	1	139	17	1 480	48 443	1 054	1 906	26 688	104 869	56 608	153 348	8 408
32311	Printing	1	127	16	g	D	D	D	D	D	D	D	8 318
323110	Commercial lithographic printing	—	40	9	759	23 488	597	1 065	14 593	57 029	30 364	79 603	6 986
324	Petroleum and coal products manufacturing	—	17	6	927	47 987	590	1 218	27 173	221 639	1 586 771	1 782 377	D
3241	Petroleum and coal products manufacturing	—	17	6	927	47 987	590	1 218	27 173	221 639	1 586 771	1 782 377	D
32411	Petroleum refineries	—	3	2	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	3	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	47	14	893	45 336	580	1 186	25 149	222 468	290 567	520 216	15 050
326	Plastics and rubber products manufacturing	2	58	20	1 629	48 160	1 273	2 445	30 572	125 558	129 676	255 246	10 682
3261	Plastics product manufacturing ..	1	45	17	1 273	38 790	979	1 869	24 180	108 293	120 191	228 438	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	5	3	335	12 230	233	485	5 676	45 552	71 151	116 591	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	2	7	5	377	11 858	311	576	8 902	28 179	25 628	53 884	1 491
326122	Plastics pipe and pipe fitting manufacturing	2	4	4	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	3	25	7	431	11 109	329	578	7 326	23 844	14 204	38 207	D
326199	All other plastics product manufacturing	4	24	6	e	D	D	D	D	D	D	D	721
3262	Rubber product manufacturing ...	7	13	3	356	9 370	294	576	6 392	17 265	9 485	26 808	D
32629	Other rubber product manufacturing	7	10	3	e	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	8	8	2	e	D	D	D	D	D	D	D	D

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

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	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.												
	Tulsa, OK Metropolitan Statistical Area—Con.												
327	Nonmetallic mineral product manufacturing	—	67	26	3 631	150 158	3 048	6 220	118 290	456 112	302 247	757 356	34 496
3271	Clay product and refractory manufacturing	1	5	5	406	12 962	246	493	7 307	57 719	24 104	77 760	952
32712	Clay building material and refractories manufacturing	1	4	4	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	12	8	2 190	103 387	1 935	3 909	85 361	278 067	202 081	484 442	26 087
32721	Glass and glass product manufacturing	—	12	8	2 190	103 387	1 935	3 909	85 361	278 067	202 081	484 442	26 087
327211	Flat glass manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	1	6	4	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	41	11	911	29 577	772	1 625	23 007	107 138	62 856	168 633	6 478
32739	Other concrete product manufacturing	2	11	2	383	10 858	321	725	8 669	31 373	14 492	47 276	1 968
327390	Other concrete product manufacturing	2	11	2	383	10 858	321	725	8 669	31 373	14 492	47 276	1 968
331	Primary metal manufacturing	1	45	22	2 577	101 644	1 963	4 134	65 270	194 586	376 646	575 493	10 767
3311	Iron and steel mills and ferroalloy manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	3	3	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	13	10	1 452	54 437	1 144	2 377	36 192	105 457	198 885	305 581	D
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	7	7	f	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	7	7	f	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	6	3	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	6	3	e	D	D	D	D	D	D	D	D
3315	Foundries	6	24	6	435	14 771	350	733	10 937	38 794	19 733	58 306	1 110
332	Fabricated metal product manufacturing	2	'504	'142	'12 850	'468 684	'9 412	'18 959	'294 329	'1 077 191	'881 092	'1 957 435	'54 518
3321	Forging and stamping	6	15	6	f	D	D	D	D	D	D	D	D
33211	Forging and stamping	6	15	6	f	D	D	D	D	D	D	D	D
332116	Metal stamping	7	8	5	349	9 155	232	447	5 628	25 578	17 790	43 397	1 329
3323	Architectural and structural metals manufacturing	2	'113	'30	'2 442	'89 642	'1 650	'3 320	'51 498	'207 684	'171 964	'378 360	'10 001
33231	Plate work and fabricated structural product manufacturing	2	63	19	'1 625	'62 678	'1 055	'2 199	'35 397	'152 061	'134 433	'285 581	'7 630
332312	Fabricated structural metal manufacturing	2	35	7	651	23 062	485	977	14 584	62 986	60 222	123 236	1 829
332313	Plate work manufacturing ...	1	19	9	'804	'34 466	'453	'998	'17 675	'76 765	'61 769	'137 553	'5 182
33232	Ornamental and architectural metal products manufacturing	3	'50	'11	'817	'26 964	'595	'1 121	'16 101	'55 623	'37 531	'92 779	'2 371
332322	Sheet metal work manufacturing	3	29	8	517	17 976	371	679	10 719	32 292	17 964	50 144	1 659
3324	Boiler, tank, and shipping container manufacturing	2	53	34	3 229	131 677	2 144	4 285	74 797	238 279	292 148	530 677	13 252
33241	Power boiler and heat exchanger manufacturing	3	32	24	1 998	80 288	1 411	2 932	49 252	172 176	152 695	323 373	11 184
332410	Power boiler and heat exchanger manufacturing ..	3	32	24	1 998	80 288	1 411	2 932	49 252	172 176	152 695	323 373	11 184
33242	Metal tank (heavy gauge) manufacturing	—	18	10	g	D	D	D	D	D	D	D	1 935
332420	Metal tank (heavy gauge) manufacturing	—	18	10	g	D	D	D	D	D	D	D	1 935
3325	Hardware manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	4	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	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)				
	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.												
	Tulsa, OK Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
3326	Spring and wire product manufacturing	—	13	5	633	15 980	521	1 118	12 182	40 267	35 620	77 134	D
33261	Spring and wire product manufacturing	—	13	5	633	15 980	521	1 118	12 182	40 267	35 620	77 134	D
332618	Other fabricated wire product manufacturing	—	9	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	180	25	1 940	74 925	1 516	2 978	53 270	148 022	70 091	214 267	9 531
33271	Machine shops	3	163	21	1 494	54 301	1 158	2 186	38 034	105 221	41 736	144 988	6 551
332710	Machine shops	3	163	21	1 494	54 301	1 158	2 186	38 034	105 221	41 736	144 988	6 551
33272	Turned product and screw, nut, and bolt manufacturing	7	17	4	446	20 624	358	792	15 236	42 801	28 355	69 279	2 980
332722	Bolt, nut, screw, rivet, and washer manufacturing	9	4	3	e	D	D	D	D	D	D	D	2 227
3328	Coating, engraving, heat treating, and allied activities	5	42	13	854	29 246	693	1 369	20 415	65 820	33 102	98 837	5 906
33281	Coating, engraving, heat treating, and allied activities ..	5	42	13	854	29 246	693	1 369	20 415	65 820	33 102	98 837	5 906
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	5	18	7	530	18 397	438	877	13 107	44 042	27 460	71 346	4 567
332813	Electroplating, plating, polishing, anodizing, and coloring	4	19	4	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	4	79	27	2 118	81 023	1 519	3 005	46 266	181 762	134 005	320 362	7 839
33291	Metal valve manufacturing	2	19	6	480	22 214	310	681	11 995	46 448	29 490	77 681	3 016
332911	Industrial valve manufacturing	2	10	5	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	5	60	21	1 638	58 809	1 209	2 324	34 271	135 314	104 515	242 681	4 823
332996	Fabricated pipe and pipe fitting manufacturing	6	23	13	1 056	37 469	813	1 648	22 050	91 921	60 854	154 548	2 555
332999	All other miscellaneous fabricated metal product manufacturing	4	23	7	419	14 981	268	489	7 556	38 107	26 470	64 843	D
333	Machinery manufacturing	1	179	76	11 067	421 258	5 778	11 285	181 752	1 159 642	1 008 191	2 205 610	52 303
3331	Agriculture, construction, and mining machinery manufacturing	4	34	17	1 790	74 201	1 110	2 132	36 912	235 776	229 510	479 541	7 551
33312	Construction machinery manufacturing	7	7	5	f	D	D	D	D	D	D	D	4 541
333120	Construction machinery manufacturing	7	7	5	f	D	D	D	D	D	D	D	4 541
33313	Mining and oil and gas field machinery manufacturing	—	26	12	1 212	49 808	782	1 491	27 231	137 496	105 291	249 005	D
333132	Oil and gas field machinery and equipment manufacturing	—	26	12	1 212	49 808	782	1 491	27 231	137 496	105 291	249 005	D
3332	Industrial machinery manufacturing	1	27	11	3 363	101 045	1 080	1 986	38 092	198 486	153 291	346 947	D
33322	Plastics and rubber industry machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333220	Plastics and rubber industry machinery manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	1	25	9	h	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	1	18	9	2 854	77 572	780	1 397	27 613	156 427	119 582	271 455	D
3333	Commercial and service industry machinery manufacturing	—	11	4	1 065	48 337	523	1 106	14 152	122 494	122 022	244 773	2 767
33331	Commercial and service industry machinery manufacturing	—	11	4	1 065	48 337	523	1 106	14 152	122 494	122 022	244 773	2 767
333313	Office machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	17	7	1 031	36 185	777	1 438	19 311	100 170	95 606	195 917	2 429

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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)				
	TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.												
	Tulsa, OK Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.												
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	17	7	1 031	36 185	777	1 438	19 311	100 170	95 606	195 917	2 429
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1	6	3	f	D	D	D	D	D	D	D	2 042
3335	Metalworking machinery manufacturing	4	29	5	306	9 687	220	447	6 183	22 172	10 432	32 620	D
33351	Metalworking machinery manufacturing	4	29	5	306	9 687	220	447	6 183	22 172	10 432	32 620	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	6	4	477	24 247	342	785	11 077	85 323	74 282	171 485	2 991
33361	Engine, turbine, and power transmission equipment manufacturing	—	6	4	477	24 247	342	785	11 077	85 323	74 282	171 485	2 991
333611	Turbine and turbine generator set units manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	55	28	3 035	127 556	1 726	3 391	56 025	395 221	323 048	734 327	13 851
33391	Pump and compressor manufacturing	—	17	12	1 556	67 139	811	1 660	26 569	280 937	215 194	501 203	10 037
333911	Pump and pumping equipment manufacturing ..	—	11	8	1 081	47 480	561	1 264	19 302	240 189	138 616	373 380	D
333912	Air and gas compressor manufacturing	—	6	4	475	19 659	250	396	7 267	40 748	76 578	127 823	D
33392	Material handling equipment manufacturing	2	10	6	664	27 416	428	782	13 940	55 409	57 607	118 919	1 932
333923	Overhead traveling crane, hoist, and monorail system manufacturing	2	8	6	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	2	28	10	815	33 001	487	949	15 516	58 875	50 247	114 205	1 882
333994	Industrial process furnace and oven manufacturing ...	7	7	4	278	12 393	194	396	6 847	16 979	17 661	38 098	870
333999	All other miscellaneous general purpose machinery manufacturing	—	16	4	480	18 262	265	493	7 735	36 554	27 877	66 182	918
334	Computer and electronic product manufacturing	1	57	15	2 238	62 180	1 280	2 181	26 846	125 199	116 396	242 529	4 824
3342	Communications equipment manufacturing	—	8	1	959	12 515	497	557	4 244	37 543	44 862	87 369	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	17	6	581	19 003	416	869	10 721	28 936	22 970	49 979	1 288
33441	Semiconductor and other electronic component manufacturing	1	17	6	581	19 003	416	869	10 721	28 936	22 970	49 979	1 288
334418	Printed circuit assembly (electronic assembly) manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	27	8	681	30 095	354	728	11 556	57 484	47 696	103 083	1 438
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	27	8	681	30 095	354	728	11 556	57 484	47 696	103 083	1 438

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TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA—Con.													
Tulsa, OK Metropolitan Statistical Area—Con.													
335	Electrical equipment, appliance, and component manufacturing	—	'37	15	'2 414	'66 765	'1 999	'3 418	'45 777	'224 027	'359 044	'589 995	'15 913
3352	Household appliance manufacturing	—	'3	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	—	'3	1	g	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	'3	1	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	1	24	11	782	27 284	540	1 004	14 827	70 832	88 336	155 054	D
33531	Electrical equipment manufacturing	1	24	11	782	27 284	540	1 004	14 827	70 832	88 336	155 054	D
335312	Motor and generator manufacturing	1	10	6	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	64	30	6 227	269 461	4 409	9 054	191 504	624 145	990 389	1 598 703	32 094
3361	Motor vehicle manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	5	11	6	e	D	D	D	D	D	D	D	220
33621	Motor vehicle body and trailer manufacturing	5	11	6	e	D	D	D	D	D	D	D	220
3363	Motor vehicle parts manufacturing	—	17	6	985	42 572	646	1 331	21 139	46 593	185 913	234 497	3 941
33639	Other motor vehicle parts manufacturing	—	5	3	707	32 179	422	972	14 528	30 853	156 818	186 117	D
336399	All other motor vehicle parts manufacturing	—	5	3	707	32 179	422	972	14 528	30 853	156 818	186 117	D
3364	Aerospace product and parts manufacturing	—	30	16	4 149	190 056	2 875	6 028	143 114	388 794	537 497	909 231	25 743
33641	Aerospace product and parts manufacturing	—	30	16	4 149	190 056	2 875	6 028	143 114	388 794	537 497	909 231	25 743
336411	Aircraft manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	5	11	6	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	16	8	2 959	132 809	1 887	3 862	99 967	266 283	448 212	690 196	D
337	Furniture and related product manufacturing	3	45	9	508	14 091	406	743	9 542	25 311	20 176	45 220	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	31	6	365	9 628	303	542	6 885	15 949	10 744	26 755	D
33711	Wood kitchen cabinet and countertop manufacturing	3	18	4	274	7 345	226	379	5 159	12 068	7 336	19 467	D
337110	Wood kitchen cabinet and countertop manufacturing	3	18	4	274	7 345	226	379	5 159	12 068	7 336	19 467	D
339	Miscellaneous manufacturing	2	111	20	1 885	59 147	1 345	2 512	33 089	141 133	113 141	259 013	13 021
3391	Medical equipment and supplies manufacturing	6	34	5	336	11 817	239	425	6 478	28 431	9 529	38 009	1 041
33911	Medical equipment and supplies manufacturing	6	34	5	336	11 817	239	425	6 478	28 431	9 529	38 009	1 041
3399	Other miscellaneous manufacturing	1	77	15	1 549	47 330	1 106	2 087	26 611	112 702	103 612	221 004	11 980
33992	Sporting and athletic goods manufacturing	—	16	6	905	27 650	645	1 242	15 184	67 968	76 838	149 942	7 399
339920	Sporting and athletic goods manufacturing	—	16	6	905	27 650	645	1 242	15 184	67 968	76 838	149 942	7 399
33999	All other miscellaneous manufacturing	1	33	6	460	13 584	337	608	8 244	34 467	17 752	51 775	3 443
339999	All other miscellaneous manufacturing	—	24	3	e	D	D	D	D	D	D	D	3 173

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)				
ADA, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	55	13	1 455	38 153	967	1 935	18 378	178 117	106 559	283 131	5 186
326	Plastics and rubber products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
ALTUS, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	16	4	872	24 702	740	1 624	18 960	83 062	134 266	217 601	D
311	Food manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	1	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	1	1	f	D	D	D	D	D	D	D	D
ARDMORE, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	6	51	14	3 409	151 090	2 890	5 388	120 590	447 648	1 070 242	1 481 696	25 199
311	Food manufacturing	8	4	3	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	9	5	2	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	9	5	2	e	D	D	D	D	D	D	D	D
32411	Petroleum refineries	9	1	1	e	D	D	D	D	D	D	D	D
324110	Petroleum refineries	9	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ..	—	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
DUNCAN, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	53	11	1 814	66 401	1 254	2 283	34 029	121 065	210 299	338 334	7 939
332	Fabricated metal product manufacturing	3	22	5	359	11 733	280	613	7 957	25 600	9 919	33 846	969
333	Machinery manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	—	4	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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)				
DURANT, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	4	43	10	1 404	36 657	1 094	2 318	22 934	89 847	138 775	228 073	8 073
311	Food manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	4	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	4	1	e	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	9	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
333511	Industrial mold manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
ENID, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	63	15	1 228	39 379	913	1 717	26 165	140 901	279 386	423 077	12 155
GUYMON, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	9	3	g	D	D	D	D	D	D	D	D
311	Food manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
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
LAWTON, OK METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	53	12	3 316	145 915	2 910	6 454	124 936	379 997	377 307	756 900	13 406
311	Food manufacturing	1	7	3	421	11 211	373	776	9 017	31 939	48 613	80 548	2 104
3116	Animal slaughtering and processing	1	3	2	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	3	2	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
MCALESTER, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	26	6	741	21 021	602	1 213	15 534	37 159	158 869	196 313	2 672
MIAMI, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	55	13	1 248	39 272	885	1 720	24 541	109 540	103 119	212 595	6 977
326	Plastics and rubber products manufacturing	7	6	2	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	7	4	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	7	4	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	7	4	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
MUSKOGEE, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	78	32	4 867	184 242	3 921	7 606	137 007	615 986	573 395	1 185 528	37 690
311	Food manufacturing	-	12	4	496	15 506	307	665	8 393	34 733	85 798	120 573	6 205
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	e	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	-	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	9	4	378	16 812	336	714	14 337	66 007	27 847	93 583	5 675
332	Fabricated metal product manufacturing	2	19	8	1 011	33 409	855	1 696	25 617	100 049	101 954	203 799	3 517
3324	Boiler, tank, and shipping container manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332439	Other metal container manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333412	Industrial and commercial fan and blower manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	4	4	258	4 760	205	319	2 898	19 193	8 334	27 600	D
PONCA CITY, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	78	25	3 957	135 232	3 021	5 445	83 728	218 623	2 218 912	2 466 258	122 140
311	Food manufacturing	-	10	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	5	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	5	2	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	3	2	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	-	1	1	e	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	-	1	1	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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)				
PONCA CITY, OK MICROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing	-	16	3	741	19 568	639	1 139	14 103	54 590	34 837	89 385	4 284
3323	Architectural and structural metals manufacturing	-	4	2	f	D	D	D	D	D	D	D	3 388
33232	Ornamental and architectural metal products manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	-	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	11	5	618	25 316	446	779	15 388	110 701	38 313	145 838	4 919
3331	Agriculture, construction, and mining machinery manufacturing	-	4	3	f	D	D	D	D	D	D	D	4 540
33313	Mining and oil and gas field machinery manufacturing	-	4	3	f	D	D	D	D	D	D	D	4 540
333131	Mining machinery and equipment manufacturing ..	-	3	3	e	D	D	D	D	D	D	D	D
STILLWATER, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	63	16	2 402	76 455	1 763	3 832	55 369	234 565	710 658	981 092	20 104
323	Printing and related support activities	-	11	3	466	14 110	376	824	11 690	42 486	33 232	75 223	D
3231	Printing and related support activities	-	11	3	466	14 110	376	824	11 690	42 486	33 232	75 223	D
32311	Printing	-	11	3	466	14 110	376	824	11 690	42 486	33 232	75 223	D
323110	Commercial lithographic printing	-	7	2	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	-	1	1	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	-	1	1	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	7	3	f	D	D	D	D	D	D	D	1 903
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
WOODWARD, OK MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	28	4	e	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 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)				
ADAIR													
31-33	Manufacturing	1	15	7	1 614	44 996	1 299	2 612	29 671	113 434	211 247	326 464	15 789
311	Food manufacturing	1	5	4	966	26 727	820	1 679	18 278	64 250	168 039	232 161	D
3116	Animal slaughtering and processing	8	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	8	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
BRYAN													
31-33	Manufacturing	4	43	10	1 404	36 657	1 094	2 318	22 934	89 847	138 775	228 073	8 073
CANADIAN													
31-33	Manufacturing	-	73	19	3 268	109 065	2 363	4 699	66 438	519 573	404 322	914 842	9 498
336	Transportation equipment manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
CARTER													
31-33	Manufacturing	6	42	10	h	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
CLEVELAND													
31-33	Manufacturing	1	144	31	3 360	122 542	2 137	4 291	67 949	441 555	405 887	827 597	13 934
333	Machinery manufacturing	-	14	6	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
COMANCHE													
31-33	Manufacturing	-	53	12	3 316	145 915	2 910	6 454	124 936	379 997	377 307	756 900	13 406
326	Plastics and rubber products manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
CRAIG													
31-33	Manufacturing	-	18	7	883	24 141	710	1 449	16 174	73 734	51 552	124 952	3 667

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)				
CREEK													
31-33	Manufacturing	1	105	28	4 050	142 179	3 400	7 022	102 353	475 643	401 344	888 147	22 705
327	Nonmetallic mineral product manufacturing	-	6	4	899	30 401	803	1 577	25 502	113 208	62 163	179 526	D
3272	Glass and glass product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	45	12	1 750	58 094	1 507	3 166	44 878	198 018	157 405	355 220	7 271
3325	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CUSTER													
31-33	Manufacturing	2	31	10	1 205	39 469	964	2 064	26 198	157 287	155 456	309 430	10 298
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
DELAWARE													
31-33	Manufacturing	1	23	4	534	12 226	464	886	8 823	24 163	11 144	36 391	2 103
GARFIELD													
31-33	Manufacturing	1	63	15	1 228	39 379	913	1 717	26 165	140 901	279 386	423 077	12 155
GARVIN													
31-33	Manufacturing	-	25	7	f	D	D	D	D	D	D	D	8 908
GRADY													
31-33	Manufacturing	1	65	15	2 957	86 033	2 541	4 910	67 555	285 434	203 777	488 440	7 069
332	Fabricated metal product manufacturing	-	14	4	1 021	34 327	917	1 872	28 977	113 900	86 398	200 940	D
3329	Other fabricated metal product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	14	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
JACKSON													
31-33	Manufacturing	-	16	4	872	24 702	740	1 624	18 960	83 062	134 266	217 601	D
311	Food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	1	1	f	D	D	D	D	D	D	D	D
JOHNSTON													
31-33	Manufacturing	1	14	2	631	17 799	525	589	12 216	59 100	25 083	91 958	638
336	Transportation equipment manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	-	4	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

Table 3. Industry Statistics for Counties: 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)				
KAY													
31-33	Manufacturing	-	78	25	3 957	135 232	3 021	5 445	83 728	218 623	2 218 912	2 466 258	122 140
311	Food manufacturing	-	10	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	5	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	5	2	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	3	2	g	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	16	3	741	19 568	639	1 139	14 103	54 590	34 837	89 385	4 284
3323	Architectural and structural metals manufacturing	-	4	2	f	D	D	D	D	D	D	D	3 388
33232	Ornamental and architectural metal products manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	11	5	618	25 316	446	779	15 388	110 701	38 313	145 838	4 919
3331	Agriculture, construction, and mining machinery manufacturing	-	4	3	f	D	D	D	D	D	D	D	4 540
33313	Mining and oil and gas field machinery manufacturing	-	4	3	f	D	D	D	D	D	D	D	4 540
LE FLORE													
31-33	Manufacturing	1	27	4	f	D	D	D	D	D	D	D	D
LOVE													
31-33	Manufacturing	7	9	4	f	D	D	D	D	D	D	D	D
MCCURTAIN													
31-33	Manufacturing	2	24	11	2 861	92 055	2 568	5 330	77 253	526 850	465 711	992 432	40 257
311	Food manufacturing	7	2	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	13	7	f	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation	-	10	5	f	D	D	D	D	D	D	D	10 871
32111	Sawmills and wood preservation	-	10	5	f	D	D	D	D	D	D	D	10 871
321113	Sawmills	-	8	5	f	D	D	D	D	D	D	D	D
MARSHALL													
31-33	Manufacturing	-	19	5	909	30 085	800	1 250	25 282	50 410	65 199	113 847	2 830
MAYES													
31-33	Manufacturing	-	68	27	2 871	101 932	2 217	4 320	68 152	395 234	347 581	748 138	20 718
332	Fabricated metal product manufacturing	3	23	8	574	17 399	501	1 001	13 717	31 434	18 864	50 191	469
MUSKOGEE													
31-33	Manufacturing	-	78	32	4 867	184 242	3 921	7 606	137 007	615 986	573 395	1 185 528	37 690
322	Paper manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	19	8	1 011	33 409	855	1 696	25 617	100 049	101 954	203 799	3 517
333	Machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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)				
NOBLE													
31-33	Manufacturing	-	12	3	g	D	D	D	D	D	D	D	2 195
333	Machinery manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
OKLAHOMA													
31-33	Manufacturing	-	793	213	30 775	1 199 308	21 462	43 101	765 959	4 367 792	5 539 298	9 858 280	227 710
311	Food manufacturing	1	58	15	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	12	6	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	12	6	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	24	2	658	21 660	273	481	7 929	57 591	31 543	89 181	D
31181	Bread and bakery product manufacturing	1	19	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	4	2	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	124	17	1 212	37 297	903	1 672	23 700	76 192	46 324	122 152	D
3231	Printing and related support activities	2	124	17	1 212	37 297	903	1 672	23 700	76 192	46 324	122 152	D
32311	Printing	2	110	15	1 113	35 221	817	1 507	22 372	72 592	45 574	117 801	D
323110	Commercial lithographic printing	1	65	11	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	32	13	3 058	128 849	2 526	5 142	101 664	410 348	271 791	681 441	D
3261	Plastics product manufacturing ..	-	27	11	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	14	7	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	10	4	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	5	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	38	16	978	30 299	764	1 534	19 039	88 607	62 942	150 690	7 703
3273	Cement and concrete product manufacturing	2	24	11	676	21 171	539	1 064	13 212	64 656	45 245	109 451	D
332	Fabricated metal product manufacturing	-	135	40	4 323	156 796	3 138	6 265	97 398	466 088	475 215	921 172	D
3323	Architectural and structural metals manufacturing	-	32	15	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	11	7	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	21	8	951	30 169	740	1 388	20 864	90 763	58 456	150 744	1 560
332321	Metal window and door manufacturing	-	3	3	758	23 735	603	1 107	16 761	75 222	46 302	122 768	D
3329	Other fabricated metal product manufacturing	1	23	9	1 571	58 260	1 016	2 173	29 987	186 110	139 740	306 025	D
33291	Metal valve manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	3	15	4	f	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	2	8	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OKLAHOMA—Con.													
333	Machinery manufacturing	2	74	18	3 286	113 522	2 202	4 344	62 951	383 598	367 246	740 254	D
3331	Agriculture, construction, and mining machinery manufacturing	—	23	6	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	—	19	5	f	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	—	19	5	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	9	6	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	9	6	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	9	6	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	4	23	4	g	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	4	12	4	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	4	7	3	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	28	9	h	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
334112	Computer storage device manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	48	21	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	24	10	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	9	6	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	9	6	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	39	13	1 010	26 509	803	1 463	18 139	73 814	47 479	120 749	D
3372	Office furniture (including fixtures) manufacturing	2	13	6	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	2	13	6	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	83	16	1 342	41 504	825	1 473	19 026	126 402	132 553	256 565	D
3391	Medical equipment and supplies manufacturing	—	35	5	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	35	5	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	48	11	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OKMULGEE													
31-33	Manufacturing	1	40	10	1 552	50 430	1 369	1 933	41 611	225 402	86 745	306 240	17 545
311	Food manufacturing	—	2	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
311999	All other miscellaneous food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
OTTAWA													
31-33	Manufacturing	3	55	13	1 248	39 272	885	1 720	24 541	109 540	103 119	212 595	6 977
PAYNE													
31-33	Manufacturing	—	63	16	2 402	76 455	1 763	3 832	55 369	234 565	710 658	981 092	20 104
333	Machinery manufacturing	—	7	3	f	D	D	D	D	D	D	D	1 903
3336	Engine, turbine, and power transmission equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
PITTSBURG													
31-33	Manufacturing	—	26	6	741	21 021	602	1 213	15 534	37 159	158 869	196 313	2 672
PONTOTOC													
31-33	Manufacturing	1	55	13	1 455	38 153	967	1 935	18 378	178 117	106 559	283 131	5 186
326	Plastics and rubber products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
POTTAWATOMIE													
31-33	Manufacturing	—	63	20	3 409	116 136	2 570	5 041	76 883	286 873	301 526	588 683	54 899
326	Plastics and rubber products manufacturing	—	10	4	1 074	40 248	709	1 386	22 583	108 006	99 512	208 460	D
3261	Plastics product manufacturing ..	—	8	4	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
ROGERS													
31-33	Manufacturing	1	136	48	4 950	193 242	3 151	6 332	99 523	497 670	735 601	1 248 518	25 966
332	Fabricated metal product manufacturing	2	51	17	2 071	73 034	1 377	2 576	42 388	112 599	180 892	298 135	8 355
3324	Boiler, tank, and shipping container manufacturing	1	6	6	g	D	D	D	D	D	D	D	2 073
33241	Power boiler and heat exchanger manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	4	3	3	f	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	—	3	3	691	28 898	329	507	12 138	22 134	112 587	136 466	D
332420	Metal tank (heavy gauge) manufacturing	—	3	3	691	28 898	329	507	12 138	22 134	112 587	136 466	D
333	Machinery manufacturing	—	9	5	754	30 778	377	881	10 437	207 025	103 389	311 805	1 356
3339	Other general purpose machinery manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	10	7	893	41 270	550	1 166	19 300	39 244	180 823	217 812	3 977
3363	Motor vehicle parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments 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)				
SEMINOLE													
31-33	Manufacturing	-	23	6	1 465	29 918	1 186	2 034	19 278	462 096	46 744	482 646	3 394
315	Apparel manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
STEPHENS													
31-33	Manufacturing	2	53	11	1 814	66 401	1 254	2 283	34 029	121 065	210 299	338 334	7 939
333	Machinery manufacturing	-	9	3	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
TEXAS													
31-33	Manufacturing	-	9	3	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
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
TULSA													
31-33	Manufacturing	1	1 103	341	41 309	1 530 587	27 231	53 164	891 220	4 147 984	5 583 234	9 713 750	236 574
311	Food manufacturing	1	31	11	2 547	82 573	1 343	2 747	38 827	224 181	188 589	410 553	D
3118	Bakeries and tortilla manufacturing	1	19	6	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	1	15	6	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	5	3	f	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	14	9	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	4	13	8	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	123	17	1 429	46 856	1 015	1 837	25 671	102 002	54 768	148 641	8 313
3231	Printing and related support activities	1	123	17	1 429	46 856	1 015	1 837	25 671	102 002	54 768	148 641	8 313
32311	Printing	1	111	16	g	D	D	D	D	D	D	D	8 223
323110	Commercial lithographic printing	-	35	9	746	23 004	587	1 047	14 285	56 154	29 733	78 097	6 952
324	Petroleum and coal products manufacturing	-	10	4	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	10	4	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	3	2	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	3	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	43	15	1 349	39 981	1 039	1 977	24 417	107 246	120 613	227 716	D
3261	Plastics product manufacturing ..	1	33	12	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	39	18	2 248	98 285	1 812	3 717	74 517	267 559	194 547	458 093	12 720
3272	Glass and glass product manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	-	21	10	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments 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)				
TULSA—Con.													
331	Primary metal manufacturing	—	28	13	1 652	67 045	1 268	2 621	44 403	134 728	195 231	332 952	6 131
3312	Steel product manufacturing from purchased steel	—	6	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	'355	'108	'8 223	'315 527	'5 854	'11 861	'189 969	'701 527	'499 343	'1 195 847	'34 996
3323	Architectural and structural metals manufacturing	2	'75	'21	'1 852	'66 778	'1 195	'2 428	'35 183	'162 976	'130 507	'292 342	'7 940
33231	Plate work and fabricated structural product manufacturing	1	39	12	'1 211	'45 769	'740	'1 584	'23 191	'115 371	'98 470	'212 489	'6 589
332312	Fabricated structural metal manufacturing	2	21	5	f	D	D	D	D	D	D	D	D
332313	Plate work manufacturing	—	11	5	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	3	'36	'9	'641	'21 009	'455	'844	'11 992	'47 605	'32 037	'79 853	'1 351
3324	Boiler, tank, and shipping container manufacturing	2	39	25	1 818	76 664	1 259	2 665	44 685	161 537	137 276	297 036	9 998
33241	Power boiler and heat exchanger manufacturing	2	25	20	g	D	D	D	D	D	D	D	9 518
332410	Power boiler and heat exchanger manufacturing ..	2	25	20	g	D	D	D	D	D	D	D	9 518
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	122	23	g	D	D	D	D	D	D	D	D
33271	Machine shops	2	107	19	1 218	44 666	938	1 788	31 096	83 274	35 260	118 222	5 287
332710	Machine shops	2	107	19	1 218	44 666	938	1 788	31 096	83 274	35 260	118 222	5 287
3328	Coating, engraving, heat treating, and allied activities	5	36	12	722	25 371	578	1 133	17 445	54 476	29 140	83 531	D
33281	Coating, engraving, heat treating, and allied activities ..	5	36	12	722	25 371	578	1 133	17 445	54 476	29 140	83 531	D
3329	Other fabricated metal product manufacturing	4	57	21	1 614	62 356	1 143	2 233	34 263	139 729	107 042	246 960	D
33299	All other fabricated metal product manufacturing	4	43	17	1 347	50 855	979	1 876	29 066	116 285	94 289	210 103	D
332996	Fabricated pipe and pipe fitting manufacturing	5	20	11	899	33 092	686	1 393	19 105	79 925	56 110	134 515	D
333	Machinery manufacturing	1	142	63	9 264	343 070	4 681	8 902	145 907	810 264	787 766	1 622 777	46 934
3331	Agriculture, construction, and mining machinery manufacturing	4	27	14	1 586	65 733	974	1 854	32 452	210 718	210 559	434 088	D
33312	Construction machinery manufacturing	7	7	5	f	D	D	D	D	D	D	D	4 541
333120	Construction machinery manufacturing	7	7	5	f	D	D	D	D	D	D	D	4 541
33313	Mining and oil and gas field machinery manufacturing	—	20	9	g	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	—	20	9	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	23	11	h	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	1	21	9	h	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	1	14	9	h	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	11	4	1 065	48 337	523	1 106	14 152	122 494	122 022	244 773	2 767
33331	Commercial and service industry machinery manufacturing	—	11	4	1 065	48 337	523	1 106	14 152	122 494	122 022	244 773	2 767
333319	Other commercial and service industry machinery manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	13	6	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	13	6	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	4	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)
TULSA—Con.													
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing	—	41	20	g	D	D	D	D	D	D	10 302	
33391	Pump and compressor manufacturing	—	11	9	f	D	D	D	D	D	D	D	
33392	Material handling equipment manufacturing	2	8	4	f	D	D	D	D	D	D	D	
333923	Overhead traveling crane, hoist, and monorail system manufacturing	2	6	4	f	D	D	D	D	D	D	D	
334	Computer and electronic product manufacturing	1	44	14	2 154	59 059	1 244	2 120	26 035	118 179	112 195	231 213	D
3342	Communications equipment manufacturing	—	5	1	f	D	D	D	D	D	D	D	
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	5	1	f	D	D	D	D	D	D	D	
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	5	1	f	D	D	D	D	D	D	D	
3344	Semiconductor and other electronic component manufacturing	—	14	6	f	D	D	D	D	D	D	D	
33441	Semiconductor and other electronic component manufacturing	—	14	6	f	D	D	D	D	D	D	D	
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	21	7	f	D	D	D	D	D	D	D	
33451	Navigational, measuring, electromedical, and control instruments manufacturing	2	21	7	f	D	D	D	D	D	D	D	
335	Electrical equipment, appliance, and component manufacturing	—	28	13	g	D	D	D	D	D	D	D	
3352	Household appliance manufacturing	—	3	1	g	D	D	D	D	D	D	D	
33522	Major appliance manufacturing	—	3	1	g	D	D	D	D	D	D	D	
335221	Household cooking appliance manufacturing	—	3	1	g	D	D	D	D	D	D	D	
3353	Electrical equipment manufacturing	—	16	9	f	D	D	D	D	D	D	D	
33531	Electrical equipment manufacturing	—	16	9	f	D	D	D	D	D	D	D	
336	Transportation equipment manufacturing	—	38	18	4 997	217 161	3 599	7 403	165 732	561 620	782 119	1 329 965	27 384
3361	Motor vehicle manufacturing	—	2	2	f	D	D	D	D	D	D	D	
33612	Heavy duty truck manufacturing	—	2	2	f	D	D	D	D	D	D	D	
336120	Heavy duty truck manufacturing	—	2	2	f	D	D	D	D	D	D	D	
3364	Aerospace product and parts manufacturing	—	20	12	h	D	D	D	D	D	D	24 261	
33641	Aerospace product and parts manufacturing	—	20	12	h	D	D	D	D	D	D	24 261	
336411	Aircraft manufacturing	—	3	2	f	D	D	D	D	D	D	D	
336413	Other aircraft parts and auxiliary equipment manufacturing	—	11	6	h	D	D	D	D	D	D	D	
339	Miscellaneous manufacturing	1	94	18	1 652	52 083	1 172	2 204	29 356	122 901	106 434	233 687	D
3399	Other miscellaneous manufacturing	1	66	14	g	D	D	D	D	D	D	D	
33992	Sporting and athletic goods manufacturing	—	13	5	f	D	D	D	D	D	D	D	
339920	Sporting and athletic goods manufacturing	—	13	5	f	D	D	D	D	D	D	D	
WAGONER													
31-33	Manufacturing	2	81	17	1 661	52 896	1 278	2 565	34 470	148 711	111 443	262 262	6 512
332	Fabricated metal product manufacturing	1	26	4	581	15 392	500	1 029	12 425	41 591	34 736	77 611	3 344

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)
		E1	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WASHINGTON													
31-33	Manufacturing	5	48	8	1 557	54 819	996	2 011	22 345	50 022	99 705	162 194	3 485
333	Machinery manufacturing	8	8	3	814	32 542	438	722	7 583	25 647	57 725	84 948	2 193
3339	Other general purpose machinery manufacturing	9	4	2	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	9	1	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)				
ADA													
31-33	Manufacturing	1	45	9	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
ALTUS													
31-33	Manufacturing	-	12	3	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	1	1	f	D	D	D	D	D	D	D	D
ARDMORE													
31-33	Manufacturing	6	27	6	h	D	D	D	D	D	D	D	19 646
326	Plastics and rubber products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
BARTLESVILLE													
31-33	Manufacturing	7	30	3	1 030	40 232	579	1 119	11 453	28 111	77 475	117 067	1 928
333	Machinery manufacturing	9	3	1	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D
BETHANY													
31-33	Manufacturing	-	13	3	f	D	D	D	D	D	D	D	D
BRISTOW													
31-33	Manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BROKEN ARROW													
31-33	Manufacturing	1	132	39	4 360	165 302	2 757	5 346	82 818	433 517	298 297	735 230	16 662
326	Plastics and rubber products manufacturing	1	7	5	528	17 216	423	793	10 560	45 254	35 534	80 270	5 233
332	Fabricated metal product manufacturing	3	41	10	533	21 002	378	771	12 895	47 086	29 029	74 683	D
333	Machinery manufacturing	-	19	8	1 841	76 929	924	1 763	30 524	196 836	138 382	340 419	4 154
3333	Commercial and service industry machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	5	3	557	23 389	293	518	9 404	51 069	47 692	100 341	1 537

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)				
CATOOSA													
31-33	Manufacturing	3	27	13	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	13	6	764	27 717	589	1 135	18 975	52 950	49 973	103 509	D
3324	Boiler, tank, and shipping container manufacturing	3	4	4	668	24 094	515	989	16 624	47 440	46 341	94 236	D
33241	Power boiler and heat exchanger manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	4	3	3	f	D	D	D	D	D	D	D	D
CHICKASHA													
31-33	Manufacturing	-	42	13	1 971	53 258	1 673	3 159	40 440	167 508	106 759	268 143	D
336	Transportation equipment manufacturing	-	8	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CLAREMORE													
31-33	Manufacturing	1	48	18	1 911	73 699	1 228	2 623	36 982	269 121	240 220	513 747	D
333	Machinery manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
CLINTON													
31-33	Manufacturing	-	9	4	694	19 579	603	1 339	14 728	71 446	100 093	171 012	1 652
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
DEL CITY													
31-33	Manufacturing	-	10	5	773	20 551	490	1 002	11 141	41 584	28 568	68 927	1 180
DUNCAN													
31-33	Manufacturing	-	30	7	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
DURANT													
31-33	Manufacturing	-	26	7	f	D	D	D	D	D	D	D	D
EL RENO													
31-33	Manufacturing	-	19	5	912	25 573	740	1 129	17 692	70 892	89 860	165 056	1 305
336	Transportation equipment manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ENID													
31-33	Manufacturing	2	50	13	951	27 243	709	1 304	17 961	76 297	128 622	201 599	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)				
GUYMON													
31-33	Manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
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
JENKS													
31-33	Manufacturing	-	12	3	f	D	D	D	D	D	D	D	D
LAWTON													
31-33	Manufacturing	-	45	10	h	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
MCALESTER													
31-33	Manufacturing	-	15	4	525	12 536	432	875	9 209	790	128 713	130 236	D
MADILL													
31-33	Manufacturing	-	9	3	653	22 467	556	1 042	18 383	39 428	52 123	92 356	D
MIAMI													
31-33	Manufacturing	4	28	9	925	28 834	650	1 270	17 921	78 081	73 725	150 706	D
MIDWEST CITY													
31-33	Manufacturing	-	20	3	651	23 375	362	704	11 184	49 485	46 207	95 358	1 181
MUSKOGEE													
31-33	Manufacturing	-	54	24	4 167	161 750	3 419	6 545	122 959	554 570	487 046	1 038 067	31 109
322	Paper manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	10	6	898	29 828	764	1 551	23 463	92 399	91 663	185 949	3 289
333	Machinery manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
NORMAN													
31-33	Manufacturing	1	81	17	2 665	101 707	1 600	3 304	54 465	386 465	356 431	726 988	10 399
333	Machinery manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OKLAHOMA CITY													
31-33	Manufacturing	-	715	200	29 851	1 176 138	20 797	42 282	752 600	4 549 381	5 572 471	10 065 170	219 865
311	Food manufacturing	-	49	13	2 035	74 550	1 287	2 721	40 513	360 109	670 064	1 025 725	10 468
3116	Animal slaughtering and processing	-	10	5	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	10	5	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	8	4	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	20	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	1	16	2	629	21 092	249	444	7 505	56 249	30 826	87 122	D
311812	Commercial bakeries	1	3	2	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	106	15	970	29 976	726	1 335	19 494	63 982	36 499	100 359	3 810
3231	Printing and related support activities	2	106	15	970	29 976	726	1 335	19 494	63 982	36 499	100 359	3 810
32311	Printing	2	93	13	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	59	10	647	21 255	485	888	14 285	45 730	28 673	74 100	3 294
325	Chemical manufacturing	-	22	8	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	28	11	2 922	123 906	2 426	4 912	98 715	403 189	267 370	669 852	40 053
3261	Plastics product manufacturing	-	23	9	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	11	6	730	24 038	528	1 150	16 769	88 975	71 737	162 903	D
326199	All other plastics product manufacturing	-	9	4	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	32	15	871	26 322	662	1 318	15 626	83 454	46 350	128 973	4 161
3273	Cement and concrete product manufacturing	2	21	10	584	17 697	450	873	10 171	60 633	29 734	89 945	3 077
332	Fabricated metal product manufacturing	-	135	41	4 057	151 432	2 967	5 869	94 767	456 813	470 267	907 442	14 877
3323	Architectural and structural metals manufacturing	-	33	17	1 761	59 433	1 301	2 528	37 762	165 400	124 957	292 194	2 575
33231	Plate work and fabricated structural product manufacturing	-	14	9	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	19	8	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	3	3	758	23 735	603	1 107	16 761	75 222	46 302	122 768	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	50	7	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	19	8	1 147	47 816	783	1 689	25 081	169 249	124 780	274 644	7 140
33291	Metal valve manufacturing	-	8	6	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	7	6	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)				
OKLAHOMA CITY—Con.													
333	Machinery manufacturing	2	76	19	3 280	114 023	2 211	4 371	63 491	384 518	367 826	742 300	23 384
3331	Agriculture, construction, and mining machinery manufacturing	—	25	8	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	1	21	7	661	26 754	478	951	15 981	60 031	81 396	150 341	11 414
333132	Oil and gas field machinery and equipment manufacturing	1	21	7	661	26 754	478	951	15 981	60 031	81 396	150 341	11 414
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	8	5	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	8	5	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	8	5	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	4	24	4	1 038	36 821	610	1 266	18 439	165 308	142 338	306 198	5 656
33391	Pump and compressor manufacturing	4	11	4	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	4	6	3	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	20	6	h	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
334112	Computer storage device manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	39	18	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	6	4	f	D	D	D	D	D	D	D	1 498
33621	Motor vehicle body and trailer manufacturing	1	6	4	f	D	D	D	D	D	D	D	1 498
3363	Motor vehicle parts manufacturing	—	23	11	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	35	13	986	25 949	785	1 436	17 786	72 715	46 694	118 865	D
3372	Office furniture (including fixtures) manufacturing	2	*12	6	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	2	*12	6	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OKLAHOMA CITY—Con.													
339	Miscellaneous manufacturing	1	77	15	1 299	40 130	795	1 444	18 345	124 608	131 643	253 872	3 216
3391	Medical equipment and supplies manufacturing	—	34	5	537	19 518	310	574	7 874	34 704	72 405	103 587	D
33911	Medical equipment and supplies manufacturing	—	34	5	537	19 518	310	574	7 874	34 704	72 405	103 587	D
3399	Other miscellaneous manufacturing	1	43	10	762	20 612	485	870	10 471	89 904	59 238	150 285	D
OWASSO													
31-33	Manufacturing	—	27	5	565	17 162	436	889	10 972	47 428	72 985	120 047	D
PERRY													
31-33	Manufacturing	—	9	2	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
PONCA CITY													
31-33	Manufacturing	—	41	13	g	D	D	D	D	D	D	D	D
311	Food manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	2	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	11	2	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
POTEAU													
31-33	Manufacturing	1	13	3	f	D	D	D	D	D	D	D	D
PRYOR CREEK													
31-33	Manufacturing	—	16	9	747	27 085	507	992	14 961	124 352	128 370	256 685	6 344
SAND SPRINGS													
31-33	Manufacturing	2	34	14	1 680	71 959	1 224	2 491	43 277	177 412	219 684	401 043	8 544
331	Primary metal manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	9	17	8	511	20 587	404	824	11 775	53 086	34 216	87 218	D
SAPULPA													
31-33	Manufacturing	5	36	8	f	D	D	D	D	D	D	D	3 594
SEMINOLE													
31-33	Manufacturing	—	14	3	g	D	D	D	D	D	D	D	1 008
315	Apparel manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	1	1	g	D	D	D	D	D	D	D	D

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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)				
SHAWNEE													
31-33	Manufacturing	-	42	15	3 030	105 495	2 306	4 527	70 246	245 935	282 755	528 779	52 725
326	Plastics and rubber products manufacturing	-	9	4	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	7	4	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
STILLWATER													
31-33	Manufacturing	-	30	9	2 039	65 622	1 533	3 399	49 464	258 499	683 346	933 445	18 315
333	Machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
TULSA													
31-33	Manufacturing	1	818	246	26 495	962 980	16 653	32 525	528 281	2 343 181	2 858 062	5 208 159	139 668
311	Food manufacturing	1	22	8	2 040	67 543	1 004	2 055	30 035	150 979	129 236	278 453	7 266
3118	Bakeries and tortilla manufacturing	-	13	5	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	10	5	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	4	2	f	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	4	11	6	513	15 796	316	600	9 514	47 623	37 295	85 343	D
3222	Converted paper product manufacturing	4	11	6	513	15 796	316	600	9 514	47 623	37 295	85 343	D
323	Printing and related support activities	1	106	15	1 236	39 687	902	1 630	22 853	89 560	47 190	128 750	7 732
3231	Printing and related support activities	1	106	15	1 236	39 687	902	1 630	22 853	89 560	47 190	128 750	7 732
32311	Printing	1	94	14	g	D	D	D	D	D	D	D	7 642
323110	Commercial lithographic printing	-	33	9	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	6	2	f	D	D	D	D	D	D	D	8 230
3241	Petroleum and coal products manufacturing	-	6	2	f	D	D	D	D	D	D	D	8 230
326	Plastics and rubber products manufacturing	1	32	11	764	20 674	587	1 139	13 020	51 640	65 397	117 582	3 907
3261	Plastics product manufacturing ..	1	25	9	625	16 751	484	949	10 551	44 617	59 606	104 728	D
327	Nonmetallic mineral product manufacturing	-	23	9	g	D	D	D	D	D	D	D	8 255
3272	Glass and glass product manufacturing	-	5	3	f	D	D	D	D	D	D	D	5 636
32721	Glass and glass product manufacturing	-	5	3	f	D	D	D	D	D	D	D	5 636
327211	Flat glass manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	1	19	9	763	27 620	615	1 259	19 631	73 503	70 497	143 984	D

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)				
TULSA—Con.													
332	Fabricated metal product manufacturing	3	'253	'75	'6 237	'240 072	'4 368	'8 913	'143 494	'534 063	'359 531	'890 815	'27 363
3323	Architectural and structural metals manufacturing	1	'49	'14	'1 415	'50 949	'903	'1 823	'26 562	'122 678	'103 589	'224 830	'5 555
33231	Plate work and fabricated structural product manufacturing	—	22	7	'921	'35 193	'537	'1 141	'16 833	'88 842	'75 352	'162 795	'4 474
3324	Boiler, tank, and shipping container manufacturing	2	28	16	g	D	D	D	D	D	D	D	D
33241	Power boiler and heat exchanger manufacturing	2	15	12	887	36 429	589	1 228	22 311	82 286	69 473	149 553	8 779
332410	Power boiler and heat exchanger manufacturing ..	2	15	12	887	36 429	589	1 228	22 311	82 286	69 473	149 553	8 779
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	5	89	16	1 291	52 358	991	2 010	36 690	99 433	54 459	153 868	D
33271	Machine shops	3	79	14	935	34 792	711	1 366	23 939	65 995	29 490	95 327	4 368
332710	Machine shops	3	79	14	935	34 792	711	1 366	23 939	65 995	29 490	95 327	4 368
3328	Coating, engraving, heat treating, and allied activities	6	27	9	567	21 313	445	904	14 460	47 572	21 892	69 320	1 995
33281	Coating, engraving, heat treating, and allied activities ..	6	27	9	567	21 313	445	904	14 460	47 572	21 892	69 320	1 995
3329	Other fabricated metal product manufacturing	3	38	14	1 140	44 001	773	1 538	22 504	94 705	61 001	156 153	2 657
33299	All other fabricated metal product manufacturing	3	29	10	f	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	4	13	7	623	22 716	478	968	13 242	48 687	34 897	82 930	1 526
333	Machinery manufacturing	2	110	49	6 408	231 512	2 929	5 594	94 747	516 006	543 489	1 077 097	40 315
3331	Agriculture, construction, and mining machinery manufacturing	6	19	8	782	33 307	470	916	15 582	128 005	153 271	290 370	4 620
3332	Industrial machinery manufacturing	1	21	10	h	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	1	19	8	h	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	1	12	8	2 756	75 252	703	1 251	25 888	145 742	113 813	254 894	D
3339	Other general purpose machinery manufacturing	1	33	17	1 347	57 251	815	1 526	26 980	104 508	136 978	250 114	9 072
33391	Pump and compressor manufacturing	—	10	8	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	32	11	1 935	48 425	1 138	1 893	22 019	96 916	97 071	194 539	D
3342	Communications equipment manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	10	5	f	D	D	D	D	D	D	D	1 243
33441	Semiconductor and other electronic component manufacturing	—	10	5	f	D	D	D	D	D	D	D	1 243
335	Electrical equipment, appliance, and component manufacturing	1	'21	9	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	14	8	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	14	8	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	23	9	1 495	65 707	1 189	2 448	48 913	134 552	111 651	257 859	D
3364	Aerospace product and parts manufacturing	—	11	6	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	11	6	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	3	2	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)				
TULSA—Con.													
339	Miscellaneous manufacturing	1	75	16	1 483	47 192	1 043	1 990	26 376	109 539	98 948	213 436	11 236
3399	Other miscellaneous manufacturing	1	50	12	1 267	40 416	883	1 722	22 303	95 538	94 032	194 470	D
33992	Sporting and athletic goods manufacturing	—	10	4	770	24 686	536	1 051	13 250	61 134	74 387	140 740	D
339920	Sporting and athletic goods manufacturing	—	10	4	770	24 686	536	1 051	13 250	61 134	74 387	140 740	D
VINITA													
31-33	Manufacturing	—	9	5	741	20 197	587	1 213	13 099	68 382	48 122	116 179	D
WAGONER													
31-33	Manufacturing	—	18	7	668	17 168	573	1 172	13 567	46 970	43 647	91 981	3 674
BALANCE OF ADAIR COUNTY													
31-33	Manufacturing	2	9	5	g	D	D	D	D	D	D	D	D
311	Food manufacturing	3	4	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	8	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	8	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF BRYAN COUNTY													
31-33	Manufacturing	8	17	3	f	D	D	D	D	D	D	D	D
BALANCE OF CREEK COUNTY													
31-33	Manufacturing	—	53	17	2 343	91 110	1 902	3 911	63 398	273 307	233 261	517 649	16 252
327	Nonmetallic mineral product manufacturing	—	6	4	899	30 401	803	1 577	25 502	113 208	62 163	179 526	D
3272	Glass and glass product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	25	7	571	24 827	418	857	17 082	47 423	35 781	84 332	D
BALANCE OF GRADY COUNTY													
31-33	Manufacturing	—	15	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF JOHNSTON COUNTY													
31-33	Manufacturing	1	10	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
BALANCE OF KAY COUNTY													
31-33	Manufacturing	—	24	5	g	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LOVE COUNTY													
31-33	Manufacturing	7	9	4	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	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)				
BALANCE OF MCCURTAIN COUNTY													
31-33	Manufacturing	2	14	7	2 592	83 493	2 325	4 813	69 862	501 050	449 503	951 681	D
311	Food manufacturing	7	2	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
BALANCE OF MAYES COUNTY													
31-33	Manufacturing	1	52	18	2 124	74 847	1 710	3 328	53 191	270 882	219 211	491 453	14 374
332	Fabricated metal product manufacturing	3	22	8	f	D	D	D	D	D	D	D	D
BALANCE OF OKLAHOMA COUNTY													
31-33	Manufacturing	8	17	7	572	17 203	468	945	11 967	38 609	94 980	133 255	4 336
BALANCE OF OKMULGEE COUNTY													
31-33	Manufacturing	—	18	5	1 194	40 970	1 094	1 420	35 654	195 635	70 232	259 599	15 654
311	Food manufacturing	—	1	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
311999	All other miscellaneous food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF ROGERS COUNTY													
31-33	Manufacturing	—	57	15	1 863	78 575	1 047	2 029	36 090	141 813	416 033	568 892	13 933
332	Fabricated metal product manufacturing	1	21	6	881	31 984	471	802	14 242	32 511	113 474	150 062	1 962
3324	Boiler, tank, and shipping container manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332420	Metal tank (heavy gauge) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF TULSA COUNTY													
31-33	Manufacturing	—	82	42	8 186	304 897	6 093	11 766	217 458	951 288	1 902 217	2 820 763	57 275
332	Fabricated metal product manufacturing	1	33	15	875	31 288	649	1 239	20 102	60 606	71 335	131 247	D
333	Machinery manufacturing	—	9	5	1 143	40 372	889	1 673	22 815	108 965	110 840	220 325	2 660
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	1	1	g	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	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)
BALANCE OF TULSA COUNTY—Con.													
336	Transportation equipment manufacturing	—	8	8	3 384	147 291	2 334	4 803	114 960	419 333	660 076	1 054 507	D
3361	Motor vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	5	5	h	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	5	5	h	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	5	5	h	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 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
OKLAHOMA	
Companies ¹	N
All establishments ²	'4 027
Establishments with 1 to 19 employees	2 953
Establishments with 20 to 99 employees	'756
Establishments with 100 employees or more	318
All employees ³	'149 983
Total compensation	'6 816 434
Annual payroll	'5 355 937
Total fringe benefits	'1 460 497
Production workers, average for year	'109 230
Production workers on March 12	'109 759
Production workers on May 12	'109 866
Production workers on August 12	'109 592
Production workers on November 12	'107 461
Production worker hours	'214 758
Production worker wages	'3 438 187
Total cost of materials	'23 001 158
Materials, parts, containers, packaging, etc., used	'20 874 282
Resales	'1 058 147
Purchased fuels	'353 109
Purchased electricity	'346 630
Contract work	'368 990
Quantity of electricity purchased for heat and power	'9 283 649
Quantity of electricity generated less sold for heat and power	D
Total value of shipments	'39 924 050
Value of resales	'1 280 774
Value added	'17 005 404
Total inventories, beginning of year	'4 128 662
Finished goods inventories	'1 631 074
Work-in-process inventories	'734 045
Materials and supplies inventories	'1 763 543
Total inventories, end of year	'3 965 888
Finished goods inventories	'1 657 353
Work-in-process inventories	'809 157
Materials and supplies inventories	'1 499 378
Gross value of depreciable assets (acquisition costs) at beginning of year	'16 038 282
Total capital expenditures (new and used)	'1 046 987
Buildings and other structures (new and used)	'148 399
Machinery and equipment (new and used)	'898 588
Automobiles, trucks, etc., for highway use	'37 504
Computers and peripheral data processing equipment	'68 704
All other expenditures for machinery and equipment	'792 380
Total retirements	'552 978
Gross value of depreciable assets at end of year	'16 532 291
Depreciation charges during year	'965 639
Total rental payments	'263 109
Buildings and other structures	'127 849
Machinery and equipment	'135 260

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.